

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

F.A.U. ROUTE 2625 MILL ROAD AND
F.A.U. ROUTE 3884 ARMY TRAIL BOULEVARD (JOHN F. KENNEDY DRIVE)
STP RESURFACING AND WATER MAIN IMPROVEMENTS
SECTION: 09-00098-00-RS
PROJECT NO.: M-9003 (474)
JOB NO.: C-91-056-10
DuPage COUNTY

F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 09-00098-00-RS	DuPAGE		69	1
STA TO STA				
STA TO STA				
FED. ROAD DIST. NO. C-91-056-10 ILLINOIS FED AID PROJECT M-9003(474)				
*3884 ARMY TRAIL BOULEVARD				
*2625 MILL ROAD				
CONTRACT NO.: 63427				

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE VILLAGE OF ADDISON

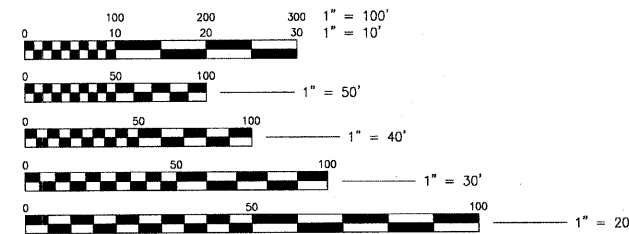


TRAFFIC DATA

MILL ROAD
POSTED & DESIGN SPEED LIMIT = 30 MPH
2030 ADT - 13,000 VPD
COLLECTOR

ARMY TRAIL BOULEVARD (JOHN F. KENNEDY DRIVE)
POSTED & DESIGN SPEED LIMIT = 30 - 35 MPH
2030 ADT - 21,000 VPD
COLLECTOR

BAXTER & WOODMAN, INC.
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2011



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

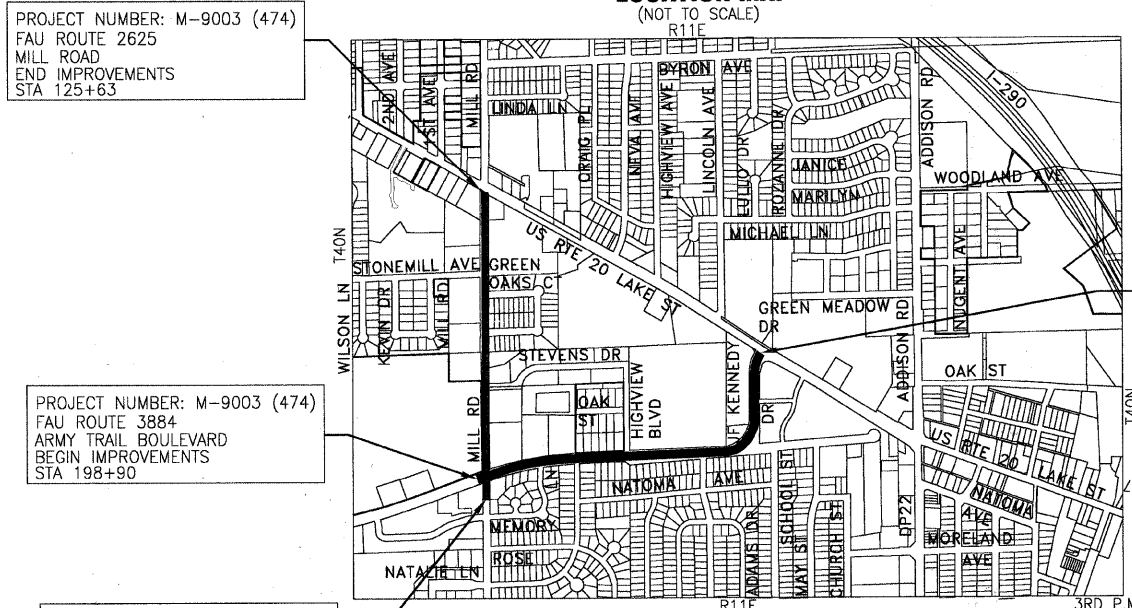
J.U.L.I.E. DESIGN STAGE REQUEST
DIG. No. 1190755



CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:
COUNTY = DuPAGE
CITY-TOWNSHIP = ADDISON - ADDISON
SEC. & 1/4 SEC. NO. = SEC. 20 SE 1/4, SEC. 28 NW 1/4 AND SEC. 29 NE 1/4, T40N-R11E
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 63427

LOCATION MAP
(NOT TO SCALE)



PROJECT NUMBER: M-9003 (474)
FAU ROUTE 2625
MILL ROAD
END IMPROVEMENTS
STA 125+63

PROJECT NUMBER: M-9003 (474)
FAU ROUTE 3884
ARMY TRAIL BOULEVARD
BEGIN IMPROVEMENTS
STA 198+90

PROJECT NUMBER: M-9003 (474)
FAU ROUTE 2625
MILL ROAD
BEGIN IMPROVEMENTS
STA 97+00

ADDISON TOWNSHIP
GROSS LENGTH OF IMPROVEMENT = 6,200 LIN. FT. OR 1.174 MILES
NET LENGTH OF IMPROVEMENT = 6,200 LIN. FT. OR 1.174 MILES



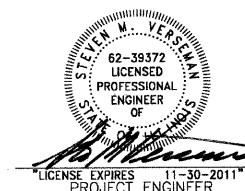
Madison, Wisconsin
608.241.5481

Burlington, Wisconsin
262.763.7834

Crystal Lake, Illinois
815.459.1260
(OFFICE WHICH PREPARED PLANS)

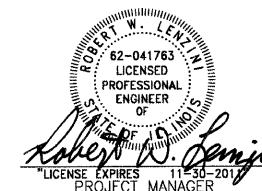
Mokena, Illinois
708.478.2090

DeKalb, Illinois
815.787.3111



Crystal Lake, Illinois
847.223.5088

Chicago, Illinois
312.578.0500



Plainfield, Illinois
815.609.7425

Itasca, Illinois
630.773.1870

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 11-18-09
[Signature]
VILLAGE OF ADDISON, REPRESENTATIVE

PASSED DECEMBER 3, 2009
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED REVIEW
DECEMBER 8, 2009
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

B&W PROJECT NO.: 070142

DATE: 11-17-09

I:\ADDON\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWGS\070142-CVR.DWG 01
 Plotted: 8/8/2009 @ 8:05 PM By: 231UKB
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 License No. - 184-001121 - Expires 4-30-11
 FIELD ENGINEER: MARILYN SOLOMON, P.E. 847-705-4407 SCHAUMBURG, IL

BENCHMARKS

- B.M. #4 - WEST BOLT AT BASE OF ABANDONED LIGHT POLE AT THE SOUTHEAST CORNER OF MILL ROAD AND U.S. ROUTE 20 (LAKE STREET)
ELEVATION = 695.74
- B.M. #6 - IN POWER POLE ON THE EAST SIDE OF MILL ROAD AT ENTRANCE TO #353 MILL ROAD APARTMENTS NEAR CREEK CROSSING.
ELEVATION = 683.89
- B.M. #10 - ON BASE OF TRAFFIC SIGNAL AT THE SOUTHWEST CORNER OF MILL ROAD AND ARMY TRAIL BOULEVARD. (DuPage COUNTY BM)
ELEVATION = 690.22
- B.M. #13 - ON POWER POLE AT THE NORTHWEST CORNER OF HIGHVIEW BOULEVARD AND ARMY TRAIL BOULEVARD.
ELEVATION = 698.01
- B.M. #16 - ON POWER POLE 225 FT EAST OF LINCOLN AVENUE IN THE NORTH PARKWAY OF ARMY TRAIL BOULEVARD.
ELEVATION = 696.04
- B.M. #19 - TOP OF SOUTHWEST CORNER OF SLAB FOR INDIAN TRAIL JUNIOR HIGH SCHOOL SIGN JUST SOUTH OF LAKE STREET ON WEST SIDE OF ARMY TRAIL ROAD.
ELEVATION = 691.61

LEGEND

////// BUTT JOINT OR DRIVEWAY BUTT JOINT

HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALK
442201-03	CLASS C AND D PATCHES
602001-01	CATCH BASIN TYPE A
602011-01	CATCH BASIN TYPE C
602301-02	INLET TYPE A
602401-02	MANHOLE TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604006-04	FRAME AND GRATE TYPE 3
604041-02	FRAME AND GRATE TYPE 9
604051-03	FRAME AND GRATE TYPE 11
604091-02	FRAME AND GRATE TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-03	CORRUGATED PC CONCRETE MEDIANS
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-06	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720021-02	SIGN PANELS EXTRUDED ALUMINUM TYPE
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
7810001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

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I:\ADMIN\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWGS\070142-INDEX-GEN-NTES.DWG LEGND-BM-INDEX-2
 Plotted: 11/30/2009 8:25 AM By: 560KAR
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DESIGNED - MWP	REVISED - VILLAGE REVIEW 9-08-09
DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

**INDEX TO SHEETS, HIGHWAY STANDARDS,
BENCHMARKS AND LEGEND**

SCALE: PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.
*2625 MILL ROAD

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	2
C-91-056-10		CONTRACT NO.	63427	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	M-9003	(474)

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS", THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" AND THE "STANDARD SPECIFICATIONS FOR THE VILLAGE OF ADDISON".
- THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL OF THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR INCLUDING THE VILLAGE TRAFFIC SIGNAL CONTRACTOR AND STREET LIGHTING CONTRACTOR.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR VILLAGE.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OR DESTRUCTION OF PUBLIC OR PRIVATE UTILITIES, AND SHALL REPAIR ANY UTILITIES AT HIS OR HER OWN EXPENSE. COORDINATION OF ALL UTILITY WORK INVOLVED IN THE CONSTRUCTION AREA WILL BE DISCUSSED AT A PRECONSTRUCTION CONFERENCE. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ANY UTILITY RELOCATIONS REQUIRED.

5. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF ADDISON PUBLIC WORKS AT (630) 620-2020 AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK AND TO OBTAIN VILLAGE UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATION WITH THE ENGINEER. SPECIAL ATTENTION IS CALLED TO SECTION 107 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND PROTECTION. THE STORAGE OF EQUIPMENT AND/OR MATERIALS BEYOND LOCATIONS SHOWN IN THE PLANS, SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.

6. DURING CONSTRUCTION STAGING OPERATIONS, THE ADDISON POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED IN WRITING 48 HOURS PRIOR TO MAJOR LANE CLOSURES. EMERGENCY ACCESS SHALL BE ALLOWED AT ALL TIMES. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED BEYOND THOSE SHOWN IN THE CONSTRUCTION STAGING PLAN.

7. MATERIALS RESULTING FROM THE REMOVAL OF PAVEMENT, DRIVEWAYS, CURB AND GUTTER, HOT-MIX ASPHALT SURFACES, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGMENT OF THE VILLAGE, SHOULD IT BE NECESSARY FOR VILLAGE PERSONNEL TO REMOVE SUCH MATERIALS, THE VILLAGE WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED) ACCORDINGLY.

8. THE CONTRACTOR MAY OBTAIN POTABLE MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE CONTRACTOR MAY OBTAIN NON-POTABLE WATER IN BULK, AT NO CHARGE IF A "WATERING BAN" IS IN EFFECT. THE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE DISTRIBUTED BY THE VILLAGE. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.

9. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS, BUSINESSES AND THE VILLAGE WHEN ACCESS TO DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS AND BUSINESSES. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.

10. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE OWNERS, THEIR AGENTS OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

11. ACCESS TO ALL DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERETO. TEMPORARY RAMPS UTILIZING AGGREGATE FOR TEMPORARY ACCESS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS.

12. ANY SIGNS OR MAILBOXES THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH VILLAGE STANDARDS AND INCLUDED IN THE EARTH EXCAVATION PAY ITEM. MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES. ALL SIGNS SHALL BE REINSTALLED TO THE PROPER HEIGHT ACCORDING TO CURRENT VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).

13. THE CONTRACTOR SHALL PROVIDE A REQUEST FOR MATERIAL TESTING TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF MATERIALS ORDER BOARD (PHONE (847) 705-4337) BY 4 PM, 24-HOURS IN ADVANCE OF CONSTRUCTION FOR INSPECTION OF ALL HOT-MIX ASPHALT AND CONCRETE MATERIALS USED ON THIS PROJECT.

14. EXISTING PAVEMENT, DRIVEWAY PAVEMENT, SIDEWALK AND CURB AND GUTTER TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE COST OF THE APPROPRIATE REMOVAL PAY ITEM.

15. IN AREAS WHERE THE EXISTING DRIVEWAY, SIDEWALK OR CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED DRIVEWAY, SIDEWALK OR CURB AND GUTTER SUBGRADE ELEVATION SHALL BE INCLUDED IN THE PAY ITEMS, DRIVEWAY PAVEMENT REMOVAL, SIDEWALK REMOVAL OR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.

16. ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.

17. THE CURB SHALL BE TAPERED TO THE GUTTER IN A THREE (3) FOOT LENGTH WHATEVER THE CURB AND GUTTER TERMINATES, WITH AN EXPANSION JOINT PLACED AT THE START OF THE TAPER.

18. CURB AND GUTTER SHALL BE DEPRESSED AT DRIVEWAYS AND SIDEWALK RAMPS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS. SIDEWALK RAMPS FOR ACCESS FOR THE DISABLED SHALL BE PROVIDED AT THE PROPOSED CROSSWALKS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.

19. THE FINISHED HOT-MIX ASPHALT SURFACE SHALL BE CONSTRUCTED 0.25 INCH ABOVE THE GUTTER FLAG.

20. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL. ALL FLASHERS SHALL BE IN WORKING ORDER.

21. THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.

22. A 1/2-INCH THICK EXPANSION JOINT SHALL BE PROVIDED AT THE JUNCTION OF THE DRIVEWAY APRON AND CURB AND AT THE JUNCTION OF THE DRIVEWAY APRON AND THE SIDEWALK DRIVEWAY REPLACEMENT PAY ITEM.

23. ALL POSTS, RAILROAD TIES, AND DECORATIVE TIMBER CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF THE CONTRACT. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM DAMAGE. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.

24. FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES ON ALL NEW STRUCTURES SHALL BE ADJUSTED IN THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF COST OF THE CONSTRUCTION.

25. A PORTABLE TOILET SHALL BE PLACED ON THE JOB SITE AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE TOILET SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE PAY ITEM FOR MOBILIZATION.

26. PORTLAND CEMENT CONCRETE SIDEWALK SHALL BE THICKENED TO 6-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES PRIVATE DRIVEWAYS AND 8-INCHES AT LOCATIONS WHERE THE SIDEWALK CROSSES COMMERCIAL DRIVEWAYS. TRANSVERSE EXPANSION JOINTS 3/4" SHALL BE PLACED EVERY 50 FEET OR AS DETERMINED BY THE ENGINEER. TRANSVERSE CONTRACTION JOINTS SHALL BE PLACED EVERY 5- FEET. INSTALL ON A 3" AGGREGATE BASE COURSE. ALL THE ABOVE SHALL BE INCLUDED IN THE PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH PAY ITEM.

27. ANY DAMAGE DONE TO THE WATER MAIN, WATER SERVICES, SANITARY SEWER, OR SANITARY SEWER SERVICES NOT CONSIDERED IN CONFLICT WITH THE PROPOSED STORM SEWER SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE.

28. CONNECTION OF PROPOSED STORM SEWER INTO EXISTING STORM SEWER OR EXISTING STORM SEWER STRUCTURES SHALL BE INCLUDED IN THE COST OF STORM SEWERS.

29. IF ANY STORM SEWER LATERALS ARE FOUND DURING CONSTRUCTION AND ARE NOT IDENTIFIED ON THE PLANS, THEY SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM AND INCLUDED IN THE COST OF THE STORM SEWER CONSTRUCTION.

30. STORM STRUCTURE OFFSET LOCATIONS ARE TO THE EDGE OF PAVEMENT IF THE STRUCTURE IS IN THE CURB LINE OR TO THE CENTER OF STRUCTURE IF THE STRUCTURE IS NOT IN THE CURBLINE.

31. IN ALL TRENCHES CROSSING DRIVEWAYS, SIDEWALKS, AND ALL PROPOSED AND EXISTING ROADWAYS, THE MATERIAL FOR THE TOP 12 INCHES SHALL BE CA-6 CRUSHED GRAVEL OR CRUSHED STONE AND BE INCLUDED IN THE PAY ITEM FOR TRENCH BACKFILL (SPECIAL). THE BACKFILL SHALL EXTEND TO AND BE MEASURED FOR PAYMENT TO THE EXISTING GROUND OR SURFACE ELEVATION.

32. THE PRIME COAT APPLICATION RATE SHALL BE APPROXIMATELY 0.1 GAL/S. THE MC-30 PRIME COAT APPLICATION RATE SHALL BE APPROXIMATELY 0.3 GAL/SY.

33. FOR STEEL BARS CERTIFICATION, PLEASE CONTACT IDOT BUREAU OF MATERIALS AT (847) 705-4337.

34. ALL OPEN TRENCHES SHALL BE FILLED AT THE END OF EACH DAY.

35. SUPPLEMENTAL WATERINGS MAY BE REQUIRED BEYOND THE FINAL COMPLETION DATE TO ENSURE SURVIVAL OF THE PROPOSED SEEDING RESTORATION. SAID WATERINGS SHALL BE COMPLETED IN THE MORNING OR EVENING HOURS AND SHALL BE COMPLETED AS DETERMINED BY THE VILLAGE OR ENGINEER.

36. THE CONTRACTOR WILL ONLY BE ALLOWED TO REMOVE AND REPLACE CURB AND GUTTER ON ONE SIDE OF THE ROAD AT A TIME TO MINIMIZE CONGESTION. REPLACEMENT MUST BE COMPLETE ON ONE SIDE OF THE ROAD BEFORE THE CONTRACTOR IS ALLOWED TO BEGIN REMOVING CURB AND GUTTER ON THE OTHER SIDE OF THE ROAD.

37. COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL INCLUDE THE FOLLOWING; INSTALLATION OF TWO NO. 4 (1/2-INCH) REINFORCING BARS EXTENDING 5- FEET BEYOND ANY TRENCHES; SAW-CUTTING AND REMOVING THE EXISTING PAVEMENT A MINIMUM OF 6-INCHES MEASURED FROM THE EXISTING EDGE OF PAVEMENT; FILLING THE 6" GAP WITH CLASS SI CONCRETE TO AN ELEVATION 4-1/2" BELOW THE PROPOSED CURB AND GUTTER FLAG, RESTORING DAMAGED PARKWAY, SEALING JOINTS WITH EITHER HOT-POURED OR COLD-POURED JOINT SEALER AND PAINTING REPLACEMENT CURB AND GUTTER AT LOCATIONS WHERE THE EXISTING WAS PAINTED. IF THE CONCRETE IS PLACED HIGHER THAN 4-1/2" FROM THE GUTTER FLAG FOR STREETS TO BE RESURFACED, THE CONTRACTOR WILL BE REQUIRED TO GRIND ADDITIONAL CONCRETE TO THE REQUIRED 4-1/2" DEPTH. THE 6" WIDE BY 1/4" HIGH VOID BETWEEN THE GUTTER FLAG AND THE MILLED PAVEMENT SHALL BE FILLED WITH HOT-MIX ASPHALT PAVEMENT DURING RESURFACING OPERATIONS. THIS WORK SHALL BE INCLUDED IN THE COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT PAY ITEM.

38. PORTIONS OF EXISTING PORTLAND CEMENT CONCRETE (INCLUDING CONCRETE MEDIAN AND CURB AND GUTTER) WITHIN THE PROJECT LIMITS ARE PAINTED. IF PAINTED PORTLAND CEMENT CONCRETE REQUIRES REMOVAL AND REPLACEMENT, THE REPLACEMENT PORTLAND CEMENT CONCRETE SHALL BE PAINTED TO MATCH THE COLOR OF THE PORTLAND CEMENT CONCRETE REMOVED. SAMPLES OF THE PAINT SHALL BE PROVIDED TO THE ENGINEER PRIOR TO APPLICATION TO ENSURE COMPLIANCE WITH THE MANUFACTURERS RECOMMENDATIONS. NO PAINTING SHALL OCCUR UNTIL THE PAINT AND APPLICATION IS APPROVED BY THE ENGINEER. PAINTING SHALL BE INCLUDED IN THE REPLACEMENT PAY ITEM.

39. AT THE PRECONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL FURNISH TWO (2) 24-HOUR CONTACT NAMES AND TELEPHONE NUMBERS, ONE PRIMARY AND ONE SECONDARY.

40. SAW CUTS MADE IN THE EXISTING PAVEMENT TO REMAIN FOR CONSTRUCTING UTILITIES SHALL BE INCLUDED IN CLASS D PATCHES.

41. RESERVED.

42. ON STREETS TO BE FULL WIDTH MILLED (2" OR MORE), THE STRUCTURES IN THE PAVEMENT SHALL BE ADJUSTED. IN ACCORDANCE WITH THE IDOT DETAIL "DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING". THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

43. THE CONTRACTOR SHALL UTILIZE A MECHANICAL SWEEPER TO CLEAN STREETS AFFECTED BY THE CONTRACTORS OPERATIONS, INCLUDING HAUL ROUTES, AT LEAST TWICE PER WEEK AND ADDITIONALLY AS DETERMINED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE MOBILIZATION PAY ITEM.

44. A MINIMUM OF 7 WORKING DAYS PRIOR TO THE DETECTION REMOVAL THE CONTRACTOR SHALL NOTIFY THE VILLAGE TRAFFIC SIGNAL AND MAINTENANCE AND OPERATIONS ENGINEER AND THE VILLAGE ELECTRICAL MAINTENANCE CONTRACTOR AT WHICH TIME ARRANGEMENTS WILL BE MADE TO ADJUST THE TRAFFIC CONTROLLER TIMING TO COMPENSATE FOR THE ABSENCE OF DETECTION. THIS WORK SHALL BE INCLUDED IN THE COST OF CONSTRUCTION.

I:\ADDON\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWGS\070142-NOEX-GEN-RITES.DWG GEN-RITES-3
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VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

GENERAL NOTES	
SCALE:	PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.		*2625 MILL ROAD		
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	3
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		

GENERAL NOTES CONT.

45. TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED. WHERE PARKWAYS ARE DISTURBED, TEMPORARY EROSION CONTROL MEASURES SHALL BE ESTABLISHED WITHIN 14 DAYS OF THE COMPLETION OF DISTURBANCE AND MAINTAINED TO THE SATISFACTION OF THE VILLAGE. THIS WORK, INCLUDING MAINTENANCE, SHALL BE INCLUDED IN THE TEMPORARY EROSION CONTROL SEEDING; MULCH METHOD 1; AND INLET FILTERS PAY ITEMS.

46. TEMPORARY PAVEMENT (6") SHALL BE INSTALLED AT LOCATIONS OPEN TO THRU TRAFFIC AND INTERSECTIONS AT THE END OF EACH DAY. MILLING OPERATIONS WILL REDUCE THE THICKNESS OF THE TEMPORARY PAVEMENT TO 1 1/2-INCHES. THE CONTRACTOR IS RESPONSIBLE TO INSPECT THE TEMPORARY PAVEMENT AS THE MILLING OPERATIONS OCCUR TO ENSURE THE TEMPORARY PAVEMENT IS SATISFACTORY FOR TRAFFIC. THE CONTRACTOR SHALL CONTINUE TO INSPECT AND MAINTAIN THE TEMPORARY PAVEMENT UNTIL THE PERMANENT PAVEMENT PATCH IS INSTALLED. ANY AND ALL MAINTENANCE TO THE TEMPORARY PAVEMENT SHALL BE COMPLETED IMMEDIATELY AND INCLUDED IN THE TEMPORARY PAVEMENT PAY ITEM.

47. WORK AND MATERIALS REQUIRED TO INSTALL 1-INCH UNIT DUCT SHALL BE INCLUDED IN THE PAY ITEM DETECTOR LOOP REPLACEMENT.

48. FRAME AND GRATES OR LIDS THAT ARE REPLACED AS PART OF ADJUSTMENT OR RECONSTRUCTION, OR REMOVED AS PART OF STRUCTURE REPLACEMENT, SHALL BE DELIVERED TO THE VILLAGE PUBLIC WORKS FACILITY. THIS WORK SHALL BE INCLUDED IN THE STRUCTURE ADJUSTMENT, STRUCTURE RECONSTRUCTION OR STRUCTURE REMOVAL PAY ITEM.

49. COORDINATE WITH UTILITY COMPANIES TO SUPPORT, PROTECT, OR REMOVE AND REPLACE ALL POWER POLES OR POLE ANCHORS THAT ARE EFFECTED BY THE CONSTRUCTION, EVEN WHERE SUPPORTS ARE NOT INDICATED ON THE DRAWINGS. THE COST OF THIS WORK IS INCLUDED IN THE COST OF THE CONTRACT.

50. DO NOT STORE MATERIALS, STRUCTURES, OR MACHINES WHERE THEY WILL OBSTRUCT STREET CROSSING OR DRIVEWAY SIGHTLINES.

51. ELEVATIONS SHALL BE ADJUSTED TO FINAL GRADE AT THE TIME OF FINAL PAVING OR LANDSCAPING. ADJUSTMENT OF NEW STRUCTURES TO FINAL GRADE IS INCLUDED IN THE NEW STRUCTURE PAY ITEM, REGARDLESS OF THE NUMBER OF TIMES THE ADJUSTMENTS MUST BE MADE.

52. ALL WATER MAIN MUST BE WRAPPED WITH POLYETHYLENE WRAPPING. WRAPPING IS INCLUDED IN THE WATER MAIN PAY ITEM.

53. WATER MAIN MUST BE INSTALLED DEEPER THAN STANDARD IN SEVERAL LOCATIONS. DEEPER INSTALLATION IS CONSIDERED INCLUDED IN THE ITEM BEING INSTALLED, INCLUDING WATER MAIN, VALVE VAULTS, OR FIRE HYDRANTS. IN SOME AREAS NEW WATER MAIN WILL CROSS BELOW EXISTING MAINS AND IN SOME AREAS ABOVE EXISTING MAINS.

54. ALL FITTINGS AND VALVES SHALL HAVE RESTRAINED JOINTS WITH LOK-RING JOINTS BY AMERICAN CAST IRON PIPE, TR-FLEX OR FIELD LOK BY U.S. PIPE, MEG-A-LUGS BY EBAA IRON, OR APPROVED EQUAL. ALL WATER MAIN AND MATERIALS SHALL BE MADE IN THE UNITED STATES OF AMERICA. UNLESS OTHERWISE ON THE DRAWINGS, THE PIPE JOINT ADJACENT TO, AND ON EACH SIDE OF, A FITTING OR VALVE SHALL ALSO BE A RESTRAINED JOINT. THE DRAWINGS SHOW ADDITIONAL RESTRAINED JOINT PIPE TO BE INSTALLED AT THE LOCATIONS OF BEND FITTINGS.

55. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING LAWN SPRINKLER SYSTEMS PRIOR TO REMOVAL AND/OR EXCAVATION OPERATIONS. ANY DAMAGE TO THE SYSTEMS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

56. ALL FRAMES WITH CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF ANY MANHOLES, CATCH BASIN, INLET, VALVE VAULT, OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON SANITARY SEWER STRUCTURES SHALL BEAR THE WORD "SANITARY". ALL THE LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORD "WATER". ALL OPEN GRATES SHALL INCLUDE THE WORDS "DUMP NO WASTE, DRAINS TO WATERWAYS". THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE FRAME AND GRATE OR FRAME AND CLOSED LID PROVIDED.

57. "DFW" NON-SHEAR" COUPLINGS AS MANUFACTURED BY NDS COMPANY OR APPROVED EQUAL SHALL BE USED FOR CONNECTIONS OF NEW PIPE TO EXISTING PIPE, AND WHERE DISSIMILAR PIPE AND JOINT MATERIALS ARE ENCOUNTERED. COUPLINGS SHALL BE A MINIMUM OF 8 INCHES LONG FOR CONNECTIONS OF 4-INCHES THROUGH 8-INCH PIPE AND A MINIMUM OF 12 INCHES LONG FOR CONNECTIONS ON LARGER PIPES (THESE ARE SPECIAL ORDER ITEMS). NO STAINLESS STEEL SHEAR RINGS WILL BE ALLOWED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCIDENTAL TO THE CONTRACT.

58. TEMPORARY FENCE SHALL BE ERECTED ALONG THE LIMITS OF THE CRITICAL ROOT ZONE OF TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION UNLESS OTHERWISE DETERMINED BY THE ENGINEER. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

59. CURB AND GUTTER AND DRIVEWAYS PROVIDING ACCESS SHALL BE REMOVED AND REPLACED WITHIN 3 DAYS.

60. REMOVAL AND REPLACEMENT OF CURB AND GUTTER AND DRIVEWAYS PROVIDING ACCESS FOR COMMERCIAL OR MULTIFAMILY DWELLINGS SHALL BE STAGED TO MAINTAIN CONTINUOUS ACCESS.

61. THE CONTRACTOR MAY CONSIDER USING HIGH-EARLY STRENGTH CONCRETE FOR ALL CONCRETE CONSTRUCTION. THE USE OF HIGH-EARLY STRENGTH CONCRETE SHALL BE INCLUDED IN THE COST OF THE APPLICABLE CONCRETE PAY ITEM.

62. AGGREGATE BASE COURSE LESS THAN OR EQUAL TO 4 INCHES IN THICKNESS SHALL BE INCLUDED IN THE PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH OR PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH OR PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH OR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT OR CONCRETE CURB, TYPE B OR CONCRETE MEDIAN, TYPE SB-6.06 (SPECIAL) OR CORRUGATED MEDIAN (SPECIAL) PAY ITEM. AGGREGATE BASE COURSE REQUIRED UNDER TEMPORARY PAVEMENT SHALL BE INCLUDED IN THE TEMPORARY PAVEMENT PAY ITEM REGARDLESS OF THICKNESS.

63. TEMPORARY ACCESS SHALL ONLY BE PROVIDED WHEN THE DRIVEWAY IS TO BE REMOVED DUE TO WATER MAIN INSTALLATION, UNLESS OTHERWISE DETERMINED BY THE ENGINEER. AFTER HOT-MIX ASPHALT SURFACE REMOVAL, TEMPORARY RAMPS SHALL BE PROVIDED AT COMMERCIAL OR MULTIFAMILY DWELLINGS TO MAINTAIN CONTINUOUS ACCESS. TEMPORARY RAMPS SHALL NOT BE PROVIDED FOR RESIDENTIAL DRIVEWAYS, UNLESS OTHERWISE DETERMINED BY THE ENGINEER.

64. THE CONTRACTOR SHALL PROTECT ALL EXISTING TRAFFIC SIGNAL EQUIPMENT SHOWN TO REMAIN (CONDUITS, CABLES ETC.). ANY AND ALL DAMAGE TO EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REPAIRED OR REPLACED BY THE VILLAGE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR OR AS DETERMINED BY THE ENGINEER OR VILLAGE. THE CONTRACTOR SHALL PAY THE VILLAGE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR. ANY AND ALL REPAIR OR REPLACEMENT WORK WILL BE INCLUDED IN THE PAY ITEM WHICH CAUSED THE DAMAGE.

65. ALL DRIVEWAYS TO BE REMOVED MUST BE APPROVED BY THE ENGINEER IN THE FIELD PRIOR TO REMOVAL.

66. TREE ROOT PRUNING SHALL BE USED ON EXISTING TREES TO PREVENT THE RIPPING UP OF ROOTS WHEN TRENCHING OR EXCAVATING WITHIN THE CRITICAL ROOT ZONE OF ADJACENT TREES TO REMAIN. SUPPLEMENTAL WATERING OF TREES SHOULD BEGIN IMMEDIATELY AFTER ROOT PRUNING OF TREES HAS OCCURRED.

67. SUPPLEMENTAL WATERING SHALL ALSO BE USED IMMEDIATELY AFTER TREE ROOT PRUNING AN EXISTING TREE TO REMAIN.

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**VILLAGE OF ADDISON, ILLINOIS
 MILL ROAD AND ARMY TRAIL BOULEVARD
 STP IMPROVEMENTS**

GENERAL NOTES

SCALE: PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.
 *2625 MILL ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	4
C-91-056-10			CONTRACT NO. 63427	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)				

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000	NON-PARTICIPATING
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	11	11	-
20101000	TEMPORARY FENCE	FOOT	6,200	6,200	-
20101200	TREE ROOT PRUNING	EACH	25	25	-
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	18	18	-
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	7	7	-
* 20101700	SUPPLEMENTAL WATERING	UNIT	200	200	-
20200100	EARTH EXCAVATION	CU YD	89	89	-
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	135	35	100
* 20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	135	35	100
* 20800250	TRENCH BACKFILL, SPECIAL	CU YD	6,070	700	5,370
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	300	300	-
* 21300010	EXPLORATION TRENCH, SPECIAL	FOOT	100	-	100
* 25000110	SEEDING, CLASS 1A	ACRE	0.80	0.80	-
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	78	78	-
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	78	78	-
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	78	78	-
* 25100401	EXCELSIOR BLANKET, SPECIAL	SQ YD	3,700	3,700	-
25200200	SUPPLEMENTAL WATERING	UNIT	93	93	-
* 25300600	TRANSPLANTED SALVAGED TREES	EACH	15	15	-
* 25300700	TRANSPLANTED SALVAGED SHRUBS	EACH	15	15	-
* 28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	81	81	-
28000510	INLET FILTERS	EACH	56	56	-
* 28000700	MULCH, METHOD 1	ACRE	0.80	0.80	-
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	1,016	1,016	-
35102400	AGGREGATE BASE COURSE, TYPE B 12"	SQ YD	490	490	-
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	6,688	6,688	-
40600300	AGGREGATE (PRIME COAT)	TON	136	136	-
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	19	19	-
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	-
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	968	968	-

* INDICATES SPECIALTY ITEM

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VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

SUMMARY OF QUANTITIES

SCALE: PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.
*2825 MILL ROAD

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	5
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT M-9003 (474)	

SUMMARY OF QUANTITIES CONT.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000	NON-PARTICIPATING
40600990	TEMPORARY RAMP	SQ YD	357	357	-
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	48	48	-
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	4,794	4,794	-
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	119	119	-
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3,944	3,944	-
42001300	PROTECTIVE COAT	SQ YD	2,955	2,955	-
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	178	178	-
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	471	471	-
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	13,000	13,000	-
42400800	DETECTABLE WARNINGS	SQ FT	866	866	-
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	3,135	3,135	-
44000167	HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/2"	SQ YD	30,305	30,305	-
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	2,100	2,100	-
44000300	CURB REMOVAL	FOOT	120	120	-
44000600	SIDEWALK REMOVAL	SQ FT	12,395	12,395	-
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	10,000	10,000	-
44003100	MEDIAN REMOVAL	SQ FT	1,900	1,900	-
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	190	190	-
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	439	439	-
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	1,353	1,353	-
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	5,800	5,800	-
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	10	10	-
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	20	20	-
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	40	40	-
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	100	100	-
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2	2	-
550A0030	STORM SEWERS, CLASS A, TYPE 1 8"	FOOT	111	111	-
550A0040	STORM SEWERS, CLASS A, TYPE 1 10"	FOOT	65	65	-
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	90	90	-
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	416	416	-

* INDICATES SPECIALTY ITEM

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**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.
*2625 MILL ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	6
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		

SUMMARY OF QUANTITIES CONT.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000	NON-PARTICIPATING
55100300	STORM SEWER REMOVAL 8"	FOOT	99	99	-
55100400	STORM SEWER REMOVAL 10"	FOOT	389	389	-
55100500	STORM SEWER REMOVAL 12"	FOOT	318	318	-
* 56103100	DUCTILE IRON WATER MAIN 8"	FOOT	3,670	-	3,670
* 56103200	DUCTILE IRON WATER MAIN 10"	FOOT	2,160	-	2,160
* 56200300	WATER SERVICE LINE 1"	FOOT	810	-	810
* 56200500	WATER SERVICE LINE 1 1/2"	FOOT	430	-	430
* 56200700	WATER SERVICE LINE 2"	FOOT	30	-	30
* 56400820	FIRE HYDRANT WITH AUXILIARY VALVE AND VALVE BOX	EACH	16	-	16
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	90	-	90
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1	-
60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	2	2	-
60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	3	3	-
60207905	CATCH BASINS, TYPE C, TYPE 11 FRAME AND GRATE	EACH	2	2	-
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4	-
60228100	MANHOLES, SANITARY, WITH TYPE 1 FRAME, CLOSED LID	EACH	1	1	-
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	4	4	-
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	6	6	-
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	6	6	-
60250200	CATCH BASINS TO BE ADJUSTED	EACH	9	9	-
60255500	MANHOLES TO BE ADJUSTED	EACH	9	9	-
60260100	INLETS TO BE ADJUSTED	EACH	15	15	-
60262700	INLETS TO BE RECONSTRUCTED	EACH	8	8	-
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	1	1	-
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	25	25	-

* INDICATES SPECIALTY ITEM

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DESIGNED - MWP	REVISED - VILLAGE REVIEW 9-08-09
DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED - VILLAGE REVIEW 12-07-09

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

SUMMARY OF QUANTITIES	
SCALE:	PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.
*2825 MILL ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	7
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)		

SUMMARY OF QUANTITIES CONT.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000	NON-PARTICIPATING
60404300	FRAMES AND GRATES, TYPE 3	EACH	12	12	-
60404600	FRAMES AND GRATES, TYPE 9	EACH	2	2	-
60404800	FRAMES AND GRATES, TYPE 11	EACH	11	11	-
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	3	3	-
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	41	41	-
60500050	REMOVING CATCH BASINS	EACH	4	4	-
60500060	REMOVING INLETS	EACH	11	11	-
60600605	CONCRETE CURB, TYPE B	FOOT	120	120	-
60619500	CONCRETE MEDIAN, TYPE SB-6.06 (SPECIAL)	SQ FT	1,100	1,100	-
60624700	CORRUGATED MEDIAN (SPECIAL)	SQ FT	800	800	-
* 66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	-	1
* 66900500	BETX SOIL ANALYSIS	EACH	1	-	1
67100100	MOBILIZATION	L SUM	1	0.54	0.46
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.54	0.46
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.54	0.46
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.54	0.46
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.54	0.46
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	25	25	-
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	17,650	17,650	-
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	8,100	6,500	1,600
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1,150	1,150	-
70300220	TEMPORARY PAVEMENT MARKING LINE 4"	FOOT	46,400	46,400	-
70300240	TEMPORARY PAVEMENT MARKING LINE 6"	FOOT	1,920	1,920	-
70300260	TEMPORARY PAVEMENT MARKING LINE 12"	FOOT	1,350	1,350	-
70300280	TEMPORARY PAVEMENT MARKING LINE 24"	FOOT	620	620	-

* INDICATES SPECIALTY ITEM

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**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.
*2625 MILL ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	8
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT M-9003 (474)	

SUMMARY OF QUANTITIES CONT.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000	NON-PARTICIPATING
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	4,330	4,150	180
72000100	SIGN PANEL - TYPE 1	SQ FT	4	4	-
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	14	14	-
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	785	785	-
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,200	9,200	-
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3,970	3,970	-
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	910	910	-
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	670	670	-
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	80	80	-
78300100	PAVEMENT MARKING REMOVAL	SQ FT	1,273	1,273	-
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	80	80	-
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	1,740	1,740	-
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	-
△ Z0076600	TRAINEES	HOUR	1,000	1,000	-
* A2000118	TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 3" CALIPER, BALLED AND BURLAPPED	EACH	1	-	1
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	320	-	320
XX006119	TRAFFIC CONTROL AND PROTECTION (DETOUR)	L SUM	1	1	-
* XX005077	SANITARY SEWER 8" TYPE 2, DUCTILE IRON, CLASS 52	FOOT	128	128	-
* XX003516	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 8"	EACH	9	-	9
* XX003517	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 6"	EACH	6	-	6
* XX003518	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 4"	EACH	1	-	1
* XX003526	DUCTILE IRON WATER MAIN FITTINGS - 8" X 6" REDUCER	EACH	4	-	4
* XX003531	WATER SERVICE CONNECTION 1"	EACH	39	-	39
* XX003532	WATER SERVICE CONNECTION 1.5"	EACH	8	-	8
* XX003539	DUCTILE IRON WATER MAIN FITTINGS 8" X 6" TEE	EACH	7	-	7

* INDICATES SPECIALTY ITEM

△ Y080

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DATE - 8-19-09	REVISED - VILLAGE REVIEW 12-07-09

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.
*2825 MILL ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	9
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)		

SUMMARY OF QUANTITIES CONT.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000	NON-PARTICIPATING
* XX003542	DUCTILE IRON WATER MAIN FITTINGS 6" 45 DEGREE BEND	EACH	7	-	7
* XX003543	DUCTILE IRON WATER MAIN FITTINGS 8" 45 DEGREE BEND	EACH	25	-	25
* XX003673	SANITARY SERVICE REPLACEMENT	EACH	8	-	8
* XX003778	FLUOROCARBON RUBBER (VITON) GASKET	EACH	10	-	10
* XX004997	WATER SERVICE CONNECTION 2"	EACH	3	-	3
* XX005003	DUCTILE IRON WATER MAIN FITTING 10" X 6" TEE	EACH	6	-	6
* XX005004	DUCTILE IRON WATER MAIN FITTING 10" X 6" HYDRANT TEE	EACH	3	-	3
* XX005005	DUCTILE IRON WATER MAIN FITTING 10" X 8" TEE	EACH	5	-	5
* XX005010	DUCTILE IRON WATER MAIN FITTING - 4" X 6" REDUCER	EACH	1	-	1
XX005221	TOPSOIL FURNISH AND PLACE (PULVERIZED) VARIABLE DEPTH	SQ YD	3,700	3,700	-
* XX005477	DUCTILE IRON WATER MAIN 4" RESTRAINED JOINT TYPE	FOOT	30	-	30
* XX005478	DUCTILE IRON WATER MAIN 6" RESTRAINED JOINT TYPE	FOOT	300	-	300
* 60249125	VALVE VAULTS, 6' DIAMETER	EACH	1	-	1
* XX006878	DUCTILE IRON SOLID SLEEVE 4"	EACH	3	-	3
* XX006879	DUCTILE IRON SOLID SLEEVE 6"	EACH	7	-	7
* XX007220	PVC CASING PIPE 20"	FOOT	110	-	110
X0320591	SANITARY MANHOLES TO BE REMOVED	EACH	1	1	-
X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	8	8	-
X0322032	STORM SEWER (WATER MAIN REQUIREMENTS) 10 INCH	FOOT	376	376	-
X0322033	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	461	461	-
X0322124	STORM SEWER (WATER MAIN REQUIREMENTS) 8 INCH	FOOT	17	17	-
X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	364	364	-
* X0323820	DUCTILE IRON WATER MAIN TEE, 8" X 8"	EACH	10	-	10
* X0323821	DUCTILE IRON WATER MAIN REDUCER, 10" X 8"	EACH	1	-	1
* X0324445	DUCTILE IRON WATER MAIN FITTINGS 8" 22.5 DEGREE BEND	EACH	2	-	2

* INDICATES SPECIALTY ITEM

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**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: PROJECT NO: 070142 STA. TO STA.

***3884 ARMY TRAIL BLVD.
*2825 MILL ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	10
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT M-9003 (474)	

SUMMARY OF QUANTITIES CONT.

CODE NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY	ROADWAY 1000	NON-PARTICIPATING
* X0324446	DUCTILE IRON WATER MAIN FITTINGS 10" 11.25 DEGREE BEND	EACH	2	-	2
* X0324447	DUCTILE IRON WATER MAIN FITTINGS 10" 22.5 DEGREE BEND	EACH	1	-	1
* X0324448	DUCTILE IRON WATER MAIN FITTINGS 10" 45 DEGREE BEND	EACH	6	-	6
* X0324449	DUCTILE IRON WATER MAIN FITTINGS, MECHANICAL JOINT 8" X 6" HYDRANT TEE	EACH	3	-	3
* X0324931	DUCTILE IRON SLEEVE, 8"	EACH	12	-	12
* X0325012	CONNECTIONS TO EXISTING WATER MAINS (NON-PRESSURE) - 10"	EACH	1	-	1
* X0325846	ABANDONMENT OF EXISTING WATER MAINS	L SUM	1	-	1
* X0325885	STEEL CASING PIPE AUGERED AND JACKED 36"	FOOT	100	-	100
* X0326014	DUCTILE IRON WATER MAIN CUTTING-IN SLEEVE, 10"	EACH	2	-	2
X0712400	TEMPORARY PAVEMENT	SQ YD	1,250	1,250	-
* X0840000	SANITARY SEWER REMOVAL 8"	FOOT	243	243	-
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	33	33	-
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	20	20	-
* XX008295	DUCTILE IRON WATER MAIN FITTINGS 4" 45 DEGREE BEND	EACH	4	-	4
* X0325950	GATE VALVE 8" WITH VAULT, 5" DIAMETER	EACH	10	-	10
* XX008296	GATE VALVE 10" WITH VAULT, 5" DIAMETER	EACH	5	-	5
* XX007226	GATE VALVE 6" WITH VAULT, 6' DIAMETER (VALVE ATTACHED TO LINE TEE)	EACH	3	-	3
* XX007225	GATE VALVE 8" WITH VAULT, 6' DIAMETER (VALVE ATTACHED TO LINE TEE)	EACH	12	-	12
* X0326417	DUCTILE IRON WATER MAIN FITTINGS 8" 11.25 DEGREE BEND	EACH	3	-	3
* XX008297	DUCTILE IRON WATER MAIN TEE, 10" X 4"	EACH	1	-	1
* XX008298	TREE TUNNEL - 4" TO 12" DIAMETER PIPE	FOOT	150	-	150
* XX008299	HORIZONTAL DIRECTIONALLY DRILLED DUCTILE IRON WATER MAIN - 8" RESTRAINED JOINT TYPE	FOOT	220	-	220
XX006910	TREE PROTECTION SPECIAL	EACH	50	50	-
XX003668	PRECONSTRUCTION VIDEO TAPING	L SUM	1	-	1

* INDICATES SPECIALTY ITEM

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DESIGNED - MWP	REVISED - VILLAGE REVIEW 9-08-09
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**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

SUMMARY OF QUANTITIES

SCALE: PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.
*2825 MILL ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	11
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		

HOT-MIX ASPHALT MIXTURE REQUIREMENTS NOTES:

- CONTRACTOR SHALL MILL BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5mm); 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19, N70; 2 1/2"	4% @ 70 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, (IL-9.5mm); 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2 1/4"	4% @ 50 Gyr.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19mm): TYPE I - IV - 8 INCH, TYPE I - IV - 12 INCH	4% @ 70 Gyr.
TEMPORARY PAVEMENT	
TEMPORARY PAVEMENT (HMA BINDER IL-19 mm); 6"	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ. YD./IN THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA MIXES THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, 1"
- (B) HOT-MIX ASPHALT SURFACE COURSE, 1 1/4"
- (C) HOT-MIX ASPHALT SURFACE COURSE, 1 3/4"
- (D) HOT-MIX ASPHALT SURFACE COURSE, 2"
- (E) HOT-MIX ASPHALT SURFACE COURSE, 2 1/2"
- (F) AREA REFLECTIVE CRACK CONTROL TREATMENT (PETROMAT)
- (G) HOT-MIX ASPHALT BINDER COURSE, 1 3/4"
- (H) HOT-MIX ASPHALT BINDER COURSE, 2"
- (J) HOT-MIX ASPHALT BINDER COURSE, 2 1/4"
- (K) HOT-MIX ASPHALT BASE COURSE, 5 1/4" - 8 1/2"
- (L) HOT-MIX ASPHALT BASE COURSE, 6 1/4" - 8 1/4"
- (M) HOT-MIX ASPHALT BASE COURSE, 9 3/4"
- (N) CRUSHED LIMESTONE, 3 1/2" - 14"
- (O) SUB-BASE GRANULAR MATERIAL, TYPE B, 12"
- (P) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (T) EXISTING SIDEWALK
- (U) AGGREGATE BASE COURSE
- (V) EXISTING SUB-GRADE
- (W) GROUND SURFACE
- (X) HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- (Y) HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/2"
- (Z) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- (AA) SIDEWALK REMOVAL
- (BB) AGGREGATE BASE COURSE REMOVAL (INCLUDED IN THE COST OF ITEM REMOVED ABOVE)
- (CC) PARKWAY REMOVAL (INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT OR TOPSOIL FURNISH AND PLACE (PULVERIZED) VARIABLE DEPTH - 4" MIN)
- (DD) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS **
- ▨ ITEM TO BE REMOVED

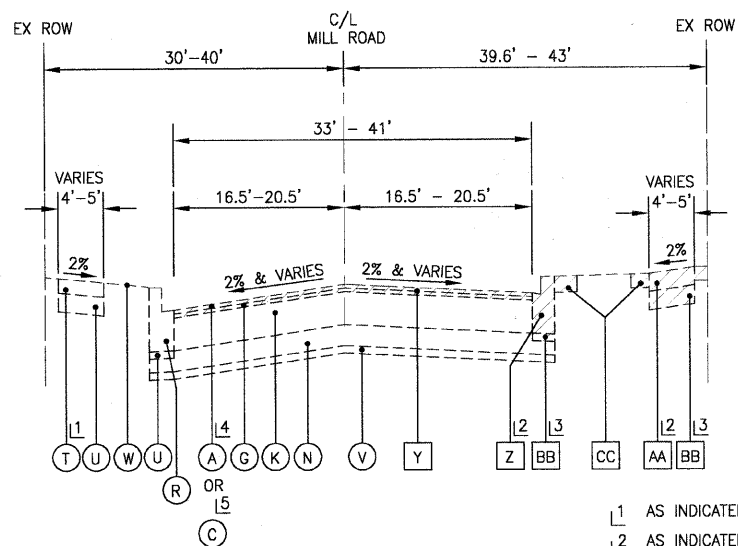
** POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 2 1/2"
- (3) NOT USED
- (4) NOT USED
- (5) CLASS D PATCHES, TYPE I - IV, 8 INCH
- (6) CLASS D PATCHES, TYPE I - IV, 12 INCH
- (7) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- (8) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (9) AGGREGATE BASE COURSE, TYPE B 4"
- (10) TOPSOIL FURNISH AND PLACE (PULVERIZED) VARIABLE DEPTH - 4" MIN (SEE LEGEND NOTES 1 & 2 THIS SHEET)
- (11) SEEDING, CLASS 1A (SEE LEGEND NOTE 1 THIS SHEET)
- (12) POROUS GRANULAR EMBANKMENT, SUBGRADE** (AS DETERMINED BY THE ENGINEER) - 6" MIN
- (13) EXCELSIOR BLANKET, SPECIAL
- (14) AGGREGATE BASE COURSE, TYPE B 3"

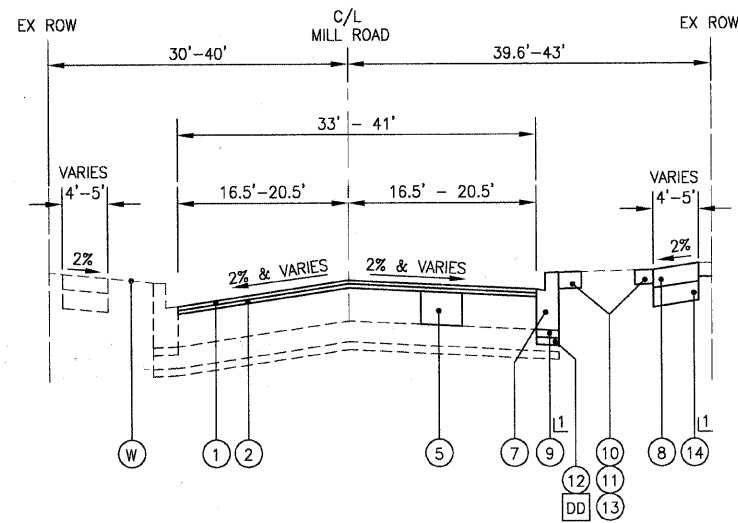
LEGEND NOTES:

- PARKWAY DAMAGED BY COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE RESTORED WITH PULVERIZED TOPSOIL, EXCELSIOR BLANKET, SPECIAL AND SEED FOR A MINIMUM DISTANCE OF 2' PERPENDICULAR TO THE BACK OF CURB. RESTORATION SHALL BE INCLUDED IN THE COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT PAY ITEM.
- PARKWAY DAMAGED BY WATER MAIN INSTALLATION, DRIVEWAY OR SIDEWALK REMOVAL AND REPLACEMENT, OR SIDEWALK INSTALLATION SHALL BE PAID FOR SEPARATELY AS TOPSOIL FURNISH AND PLACE (PULVERIZED) VARIABLE DEPTH - 4" MIN; EXCELSIOR BLANKET, SPECIAL; AND SEEDING, CLASS 1A. THE AREA OF RESTORATION SHALL BE DETERMINED BY THE VILLAGE AND ENGINEER. ANY AND ALL RESTORATION BEYOND THESE LIMITS SHALL BE COMPLETED TO THE SATISFACTION OF THE VILLAGE AND ENGINEER AT THE CONTRACTOR'S EXPENSE.
- SIDEWALK REMOVAL AND REPLACEMENT LOCATIONS TO BE DETERMINED BY THE ENGINEER, UNLESS OTHERWISE SHOWN. MINIMUM SIDEWALK REMOVAL AND REPLACEMENT SHALL BE 25 SQ. FT.
- CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS TO BE DETERMINED BY THE ENGINEER, UNLESS OTHERWISE SHOWN. MINIMUM CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE 10 FT.



**EXISTING TYPICAL SECTION
MILL ROAD
STA. 97+00 TO STA. 119+53
(NOT TO SCALE)**

- 1 AS INDICATED IN PLANS
- 2 AS INDICATED IN PLANS OR AS DETERMINED BY THE ENGINEER
- 3 AS REQUIRED
- 4 LOCATED BETWEEN STA 97+00 TO STA 110+10
- 5 LOCATED BETWEEN STA 110+10 TO STA 119+53



**PROPOSED TYPICAL SECTION
MILL ROAD
STA. 97+00 TO STA. 119+53
(NOT TO SCALE)**

- 1 INCLUDED IN PAY ITEM ABOVE

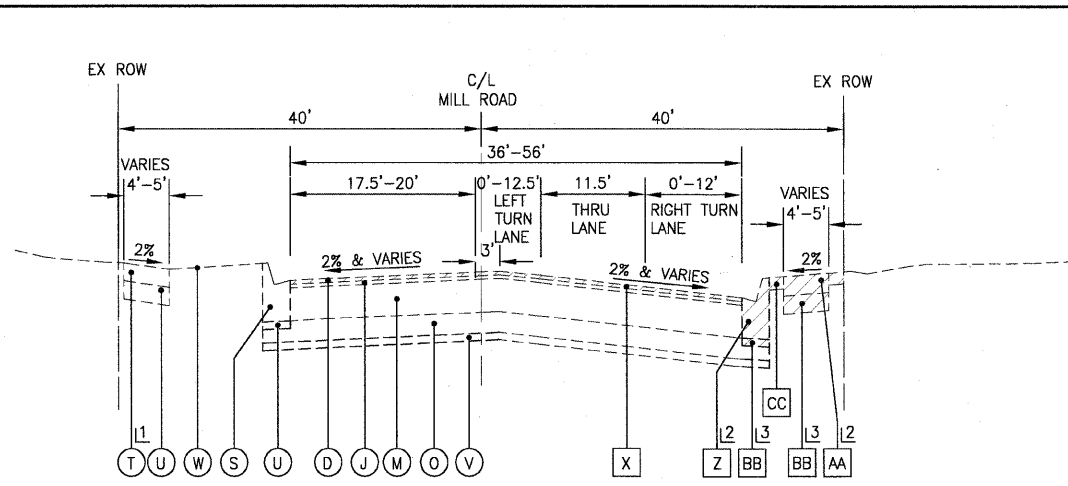
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	DATE - 8-19-09	REVISED -

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

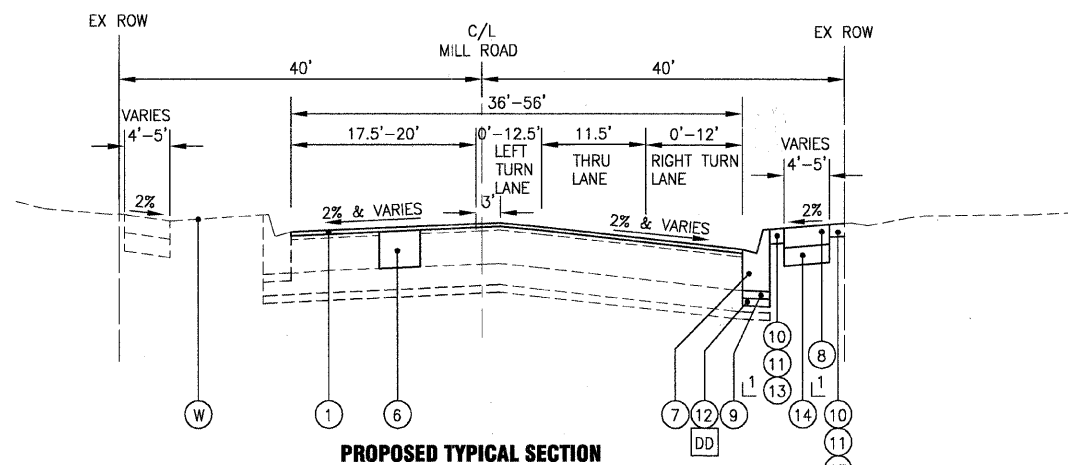
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		*	09-00098-00-RS	DuPage	69	12
SCALE:		PROJECT NO: 070142	STA.	TO STA.	C-91-056-10 CONTRACT NO. 63427	
		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)				

*3884 ARMY TRAIL BLVD.
*2625 MILL ROAD



**EXISTING TYPICAL SECTION
MILL ROAD
STA. 119+53 TO STA. 125+63
(NOT TO SCALE)**

- 1 AS INDICATED IN PLANS
- 2 AS INDICATED IN PLANS OR AS DETERMINED BY THE ENGINEER
- 3 AS REQUIRED



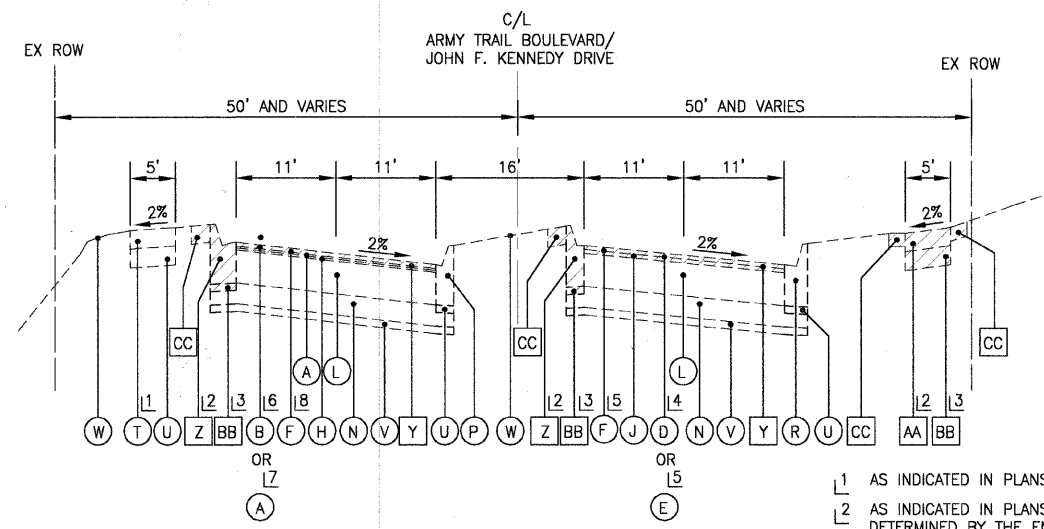
**PROPOSED TYPICAL SECTION
MILL ROAD
STA. 119+53 TO STA. 125+63
(NOT TO SCALE)**

1 INCLUDED IN PAY ITEM ABOVE

** POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

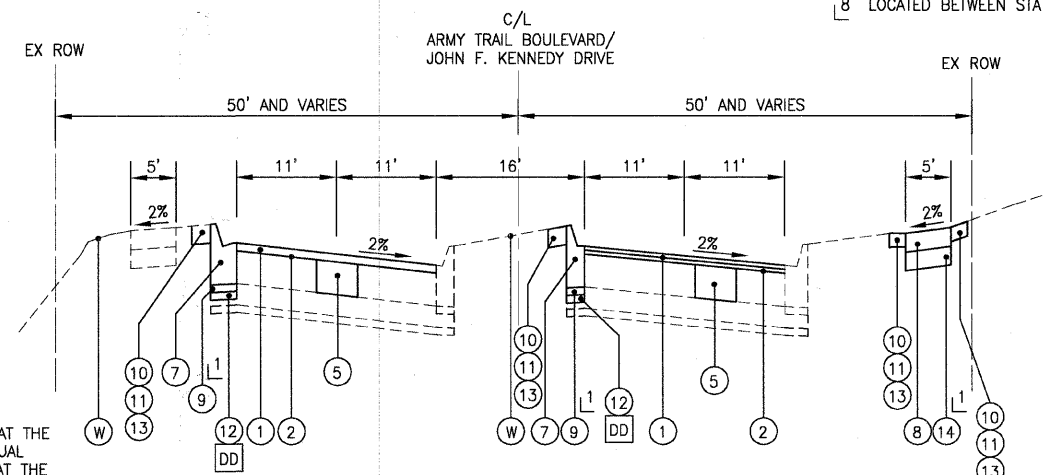
EXISTING LEGEND

- | | |
|--|---|
| (A) HOT-MIX ASPHALT SURFACE COURSE, 1" | (R) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 |
| (B) HOT-MIX ASPHALT SURFACE COURSE, 1 1/4" | (S) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 |
| (C) HOT-MIX ASPHALT SURFACE COURSE, 1 3/4" | (T) EXISTING SIDEWALK |
| (D) HOT-MIX ASPHALT SURFACE COURSE, 2" | (U) AGGREGATE BASE COURSE |
| (E) HOT-MIX ASPHALT SURFACE COURSE, 2 1/2" | (V) EXISTING SUB-GRADE |
| (F) AREA REFLECTIVE CRACK CONTROL TREATMENT (PETROMAT) | (W) GROUND SURFACE |
| (G) HOT-MIX ASPHALT BINDER COURSE, 1 3/4" | (X) HOT-MIX ASPHALT SURFACE REMOVAL, 2" |
| (H) HOT-MIX ASPHALT BINDER COURSE, 2" | (Y) HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/2" |
| (J) HOT-MIX ASPHALT BINDER COURSE, 2 1/4" | (Z) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT |
| (K) HOT-MIX ASPHALT BASE COURSE, 5 1/4" - 8 1/2" | (AA) SIDEWALK REMOVAL |
| (L) HOT-MIX ASPHALT BASE COURSE, 6 1/4" - 8 1/4" | (BB) AGGREGATE BASE COURSE REMOVAL (INCLUDED IN THE COST OF ITEM REMOVED ABOVE) |
| (M) HOT-MIX ASPHALT BASE COURSE, 9 3/4" | (CC) PARKWAY REMOVAL (INCLUDED IN THE COST OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT OR TOPSOIL FURNISH AND PLACE (PULVERIZED) VARIABLE DEPTH - 4" MIN) |
| (N) CRUSHED LIMESTONE, 3 1/2" - 14" | (DD) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS ** |
| (P) SUB-BASE GRANULAR MATERIAL, TYPE B, 12" | (Hatched) ITEM TO BE REMOVED |



**EXISTING TYPICAL SECTION
ARMY TRAIL BOULEVARD/JOHN F. KENNEDY DRIVE
STA. 198+90 TO STA. 232+27
(NOT TO SCALE)**

- 1 AS INDICATED IN PLANS
- 2 AS INDICATED IN PLANS OR AS DETERMINED BY THE ENGINEER
- 3 AS REQUIRED
- 4 LOCATED BETWEEN STA 198+90 TO STA 209+00
- 5 LOCATED BETWEEN STA 209+00 TO STA 232+27
- 6 LOCATED BETWEEN STA 198+90 TO STA 216+00
- 7 LOCATED BETWEEN STA 216+00 TO STA 232+27
- 8 LOCATED BETWEEN STA 205+50 TO STA 232+27



**PROPOSED TYPICAL SECTION
ARMY TRAIL BOULEVARD/JOHN F. KENNEDY DRIVE
STA. 198+90 TO STA. 232+27
(NOT TO SCALE)**

1 INCLUDED IN PAY ITEM ABOVE

PROPOSED LEGEND

- 1 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2"
- 2 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 - 2 1/2"
- 3 NOT USED
- 4 NOT USED
- 5 CLASS D PATCHES, TYPE I - IV, 8 INCH
- 6 CLASS D PATCHES, TYPE I - IV, 12 INCH
- 7 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
- 8 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- 9 AGGREGATE BASE COURSE, TYPE B 4"
- 10 TOPSOIL FURNISH AND PLACE (PULVERIZED) VARIABLE DEPTH - 4" MIN. (SEE LEGEND NOTES 1 & 2 THIS SHEET)
- 11 SEEDING, CLASS 1A (SEE LEGEND NOTE 1 THIS SHEET)
- 12 POROUS GRANULAR EMBANKMENT, SUBGRADE** (AS DETERMINED BY THE ENGINEER) - 6" MIN
- 13 EXCELSIOR BLANKET, SPECIAL
- 14 AGGREGATE BASE COURSE, TYPE B 3"

LEGEND NOTES:

1. PARKWAY DAMAGED BY COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE RESTORED WITH PULVERIZED TOPSOIL, EXCELSIOR BLANKET, SPECIAL AND SEED FOR A MINIMUM DISTANCE OF 2' PERPENDICULAR TO THE BACK OF CURB. RESTORATION SHALL BE INCLUDED IN THE COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT PAY ITEM.
2. PARKWAY DAMAGED BY WATER MAIN INSTALLATION, DRIVEWAY OR SIDEWALK REMOVAL AND REPLACEMENT, OR SIDEWALK INSTALLATION SHALL BE PAID FOR SEPARATELY AS TOPSOIL FURNISH AND PLACE (PULVERIZED) VARIABLE DEPTH - 4" MIN; EXCELSIOR BLANKET, SPECIAL; AND SEEDING, CLASS 1A. THE AREA OF RESTORATION SHALL BE DETERMINED BY THE VILLAGE AND ENGINEER. ANY AND ALL RESTORATION BEYOND THESE LIMITS SHALL BE COMPLETED TO THE SATISFACTION OF THE VILLAGE AND ENGINEER AT THE CONTRACTOR'S EXPENSE.
3. SIDEWALK REMOVAL AND REPLACEMENT LOCATIONS TO BE DETERMINED BY THE ENGINEER, UNLESS OTHERWISE SHOWN. MINIMUM SIDEWALK REMOVAL AND REPLACEMENT SHALL BE 25 SQ. FT.
4. CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS TO BE DETERMINED BY THE ENGINEER, UNLESS OTHERWISE SHOWN. MINIMUM CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE 10 FT.

*3884 ARMY TRAIL BLVD.
*2625 MILL ROAD

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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
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DATE - 8-19-09	REVISED -

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

TYPICAL SECTIONS		FA.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. TO STA.		FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

LOCATION	SQ YD
MILL ROAD (STA 97+00)	55.00
W. STEVENS DR. (108+29, RT)	54.00
S. GREEN OAKS CT. (113+31, RT)	54.00
N. GREEN OAKS CT. (116+78, RT)	54.00
W. STONEMILL AVE. (118+70, LT)	40.00
MILL ROAD (STA 119+53)	59.00
MILL ROAD (STA 125+63)	97.00
ARMY TRAIL BOULEVARD (STA 198+90)	100.00
W. MEMORY LANE (STA 205+24, RT)	42.00
W. NATALIE LANE (STA 208+59, RT)	42.00
HIGHVIEW BLVD. (STA 213+59, LT)	40.00
N. LINCOLN AVE. (STA 220+29, RT)	52.00
W. ARMY TRAIL BOULEVARD (STA 401+35)	80.00
FRIENDSHIP PLAZA (STA 228+76, RT)	44.00
JOHN F. KENNEDY DRIVE (STA 232+27)	155.00
	968.00

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 DATE - 8-19-09

REVISED - VILLAGE REVIEW 9-08-09
 REVISED - VILLAGE REVIEW 11-05-09
 REVISED - IDOT REVIEW 11-17-09
 REVISED -

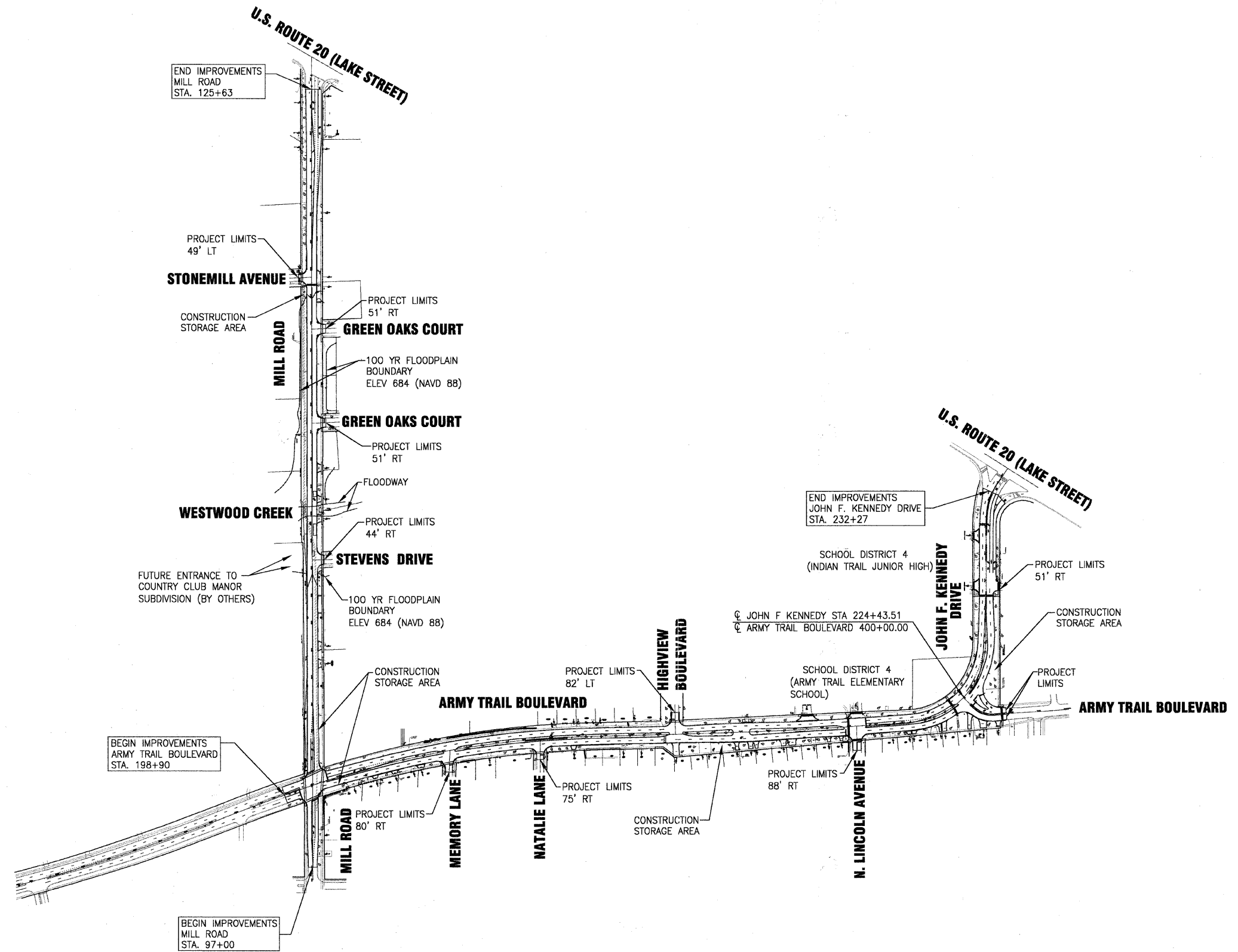
**VILLAGE OF ADDISON, ILLINOIS
 MILL ROAD AND ARMY TRAIL BOULEVARD
 STP IMPROVEMENTS**

SCHEDULE OF QUANTITIES

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		

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DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

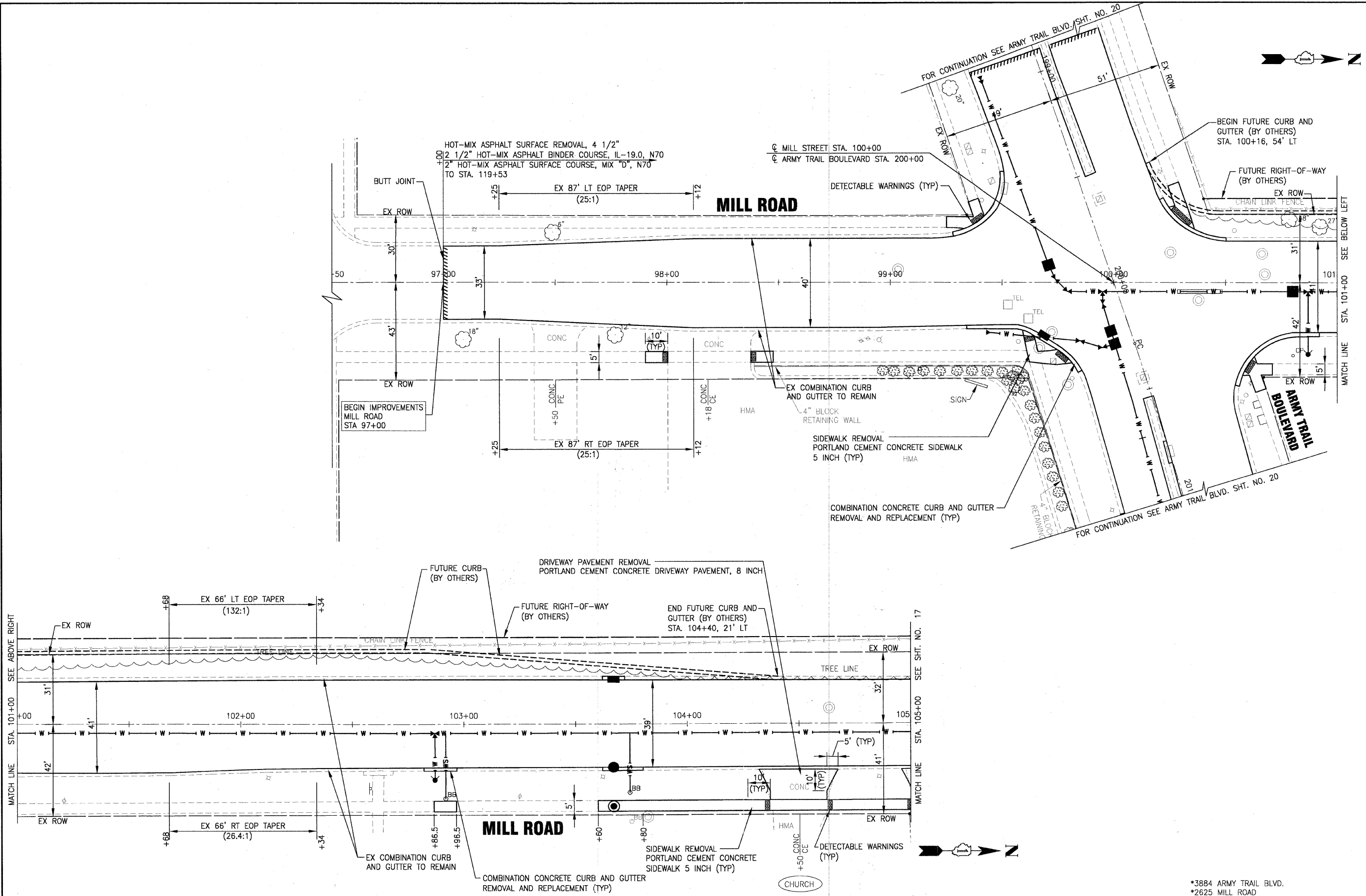
OVERALL LAYOUT

SCALE: HORIZ. 1"=200' PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.
*2625 MILL ROAD

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT M-9003 (474)	

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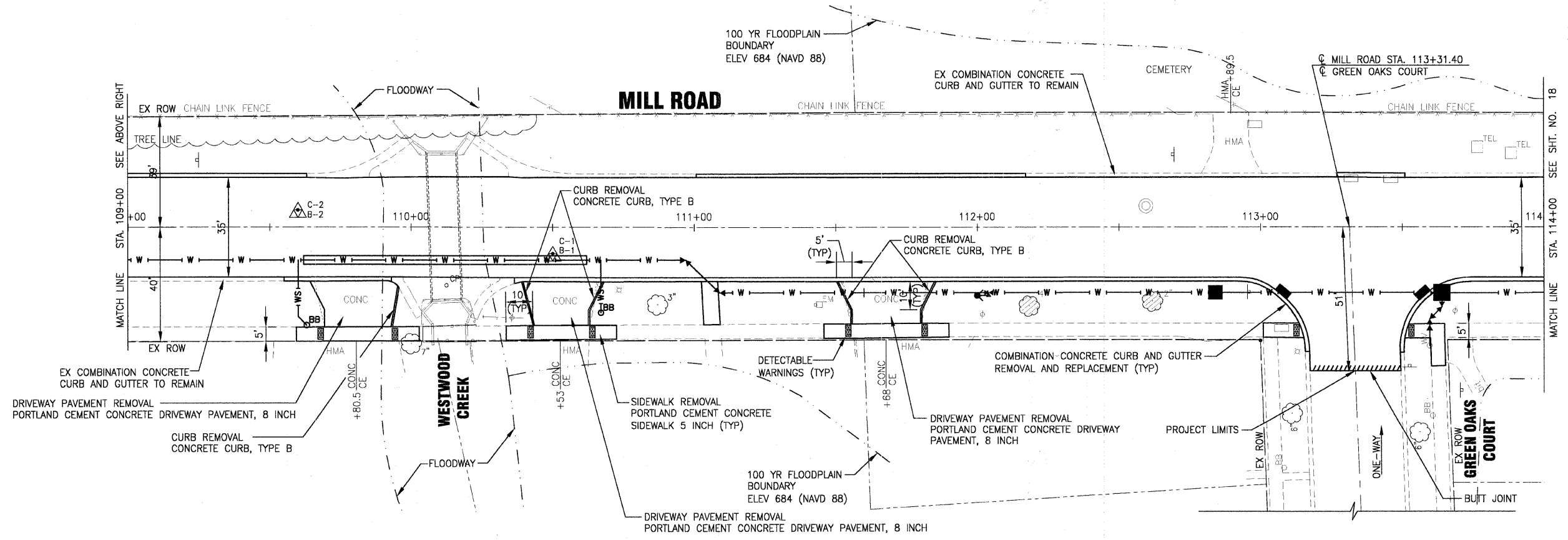
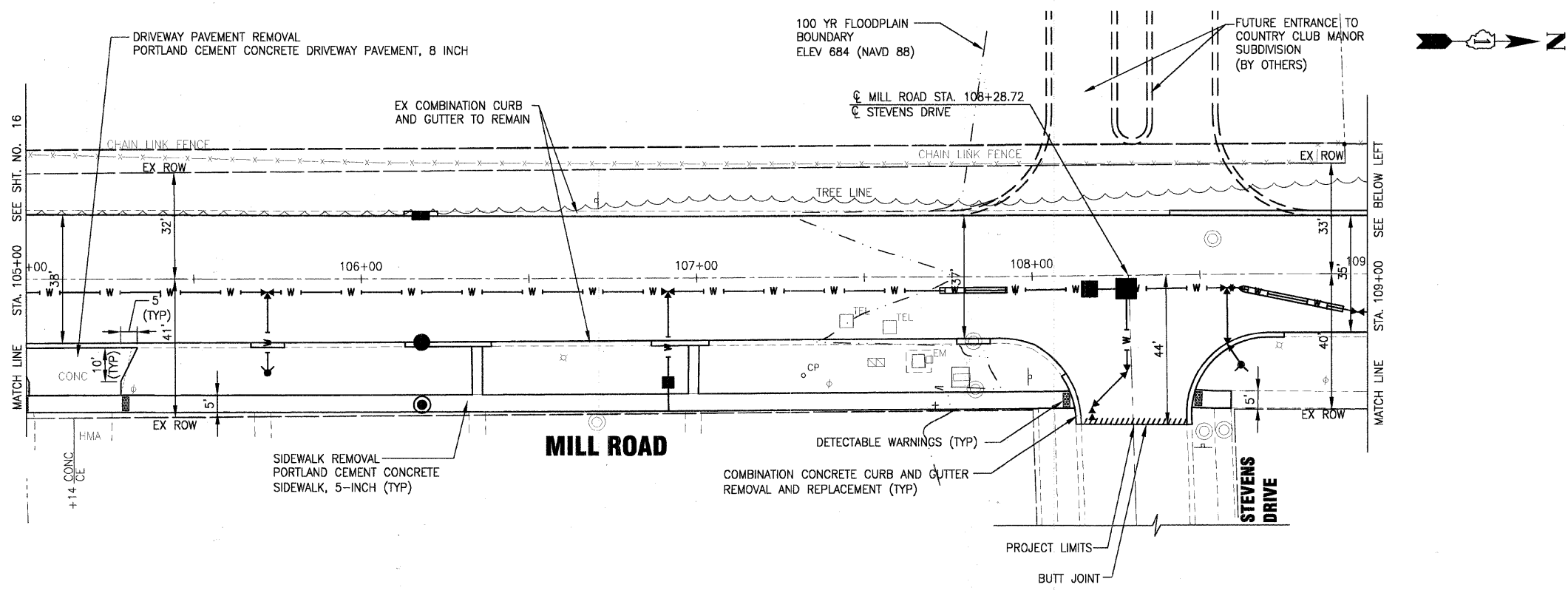


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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED - VILLAGE REVIEW 12-07-09

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

PLAN	
MILL ROAD	
SCALE: HORIZ. 1"=20'	PROJECT NO: 070142 STA. 96+50 TO STA. 105+00

*3884 ARMY TRAIL BLVD.		*2625 MILL ROAD	
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS
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FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)	



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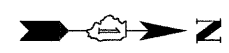
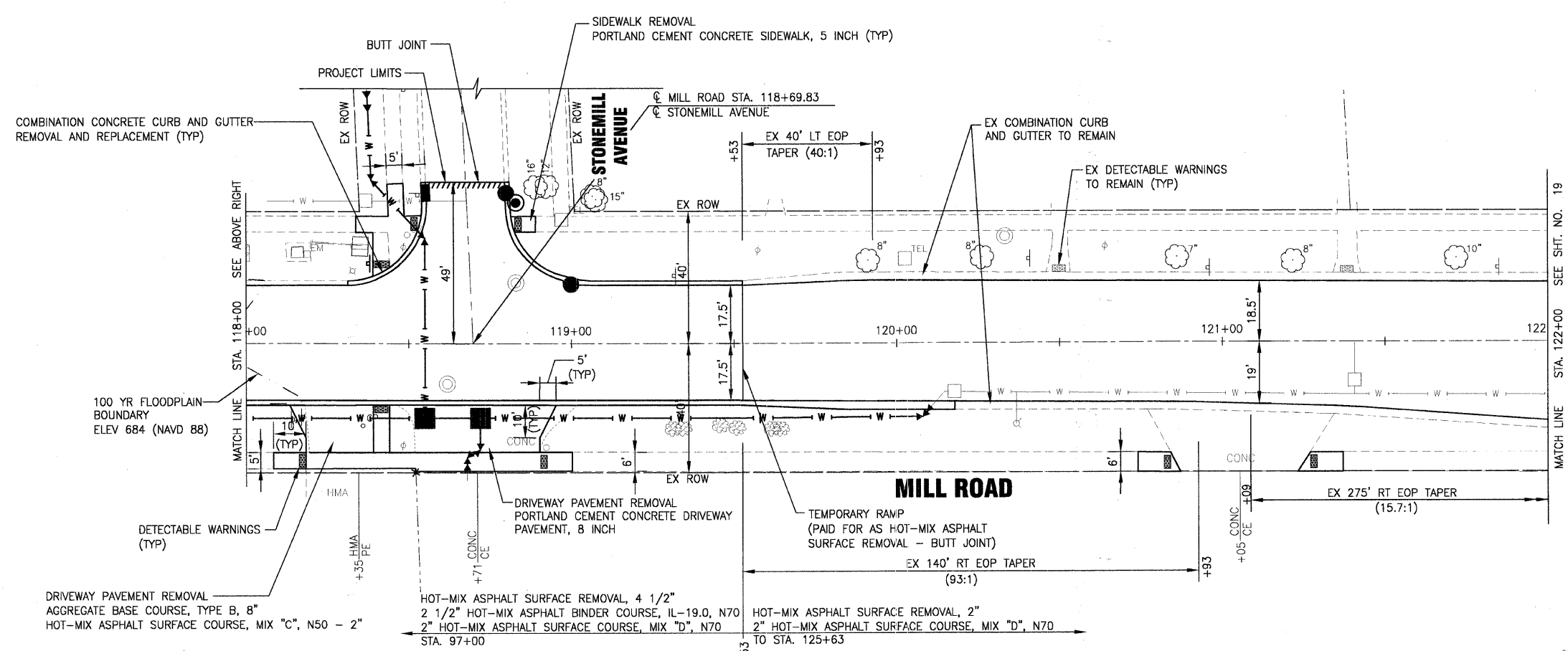
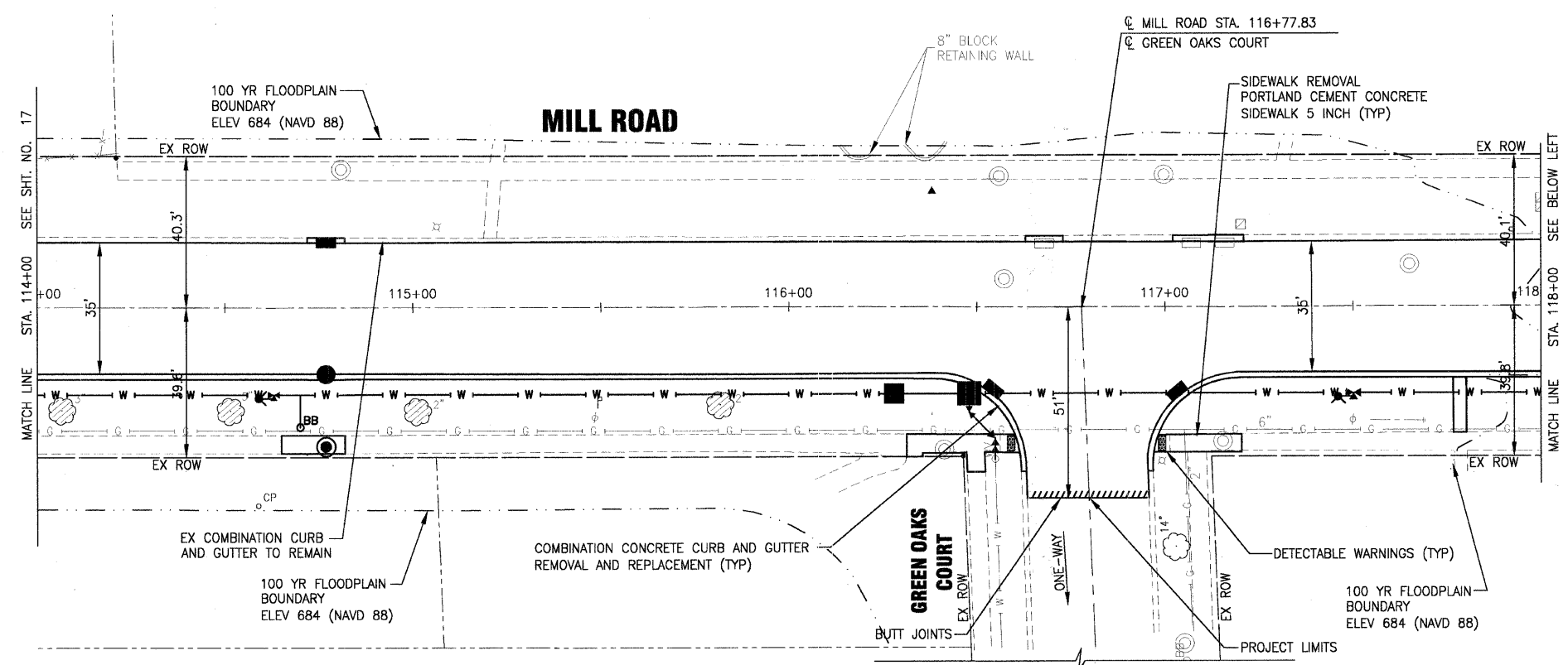


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CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED - VILLAGE REVIEW 12-07-09

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

PLAN	
MILL ROAD	
SCALE: HORIZ. 1"=20'	PROJECT NO: 070142 STA. 105+00 TO STA. 114+00

*3884 ARMY TRAIL BLVD. *2625 MILL ROAD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)		



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VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

PLAN	
MILL ROAD	
SCALE: HORIZ. 1"=20'	PROJECT NO: 070142 STA. 114+00 TO STA. 122+00

*3884 ARMY TRAIL BLVD. *2625 MILL ROAD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT M-9003 (474)		

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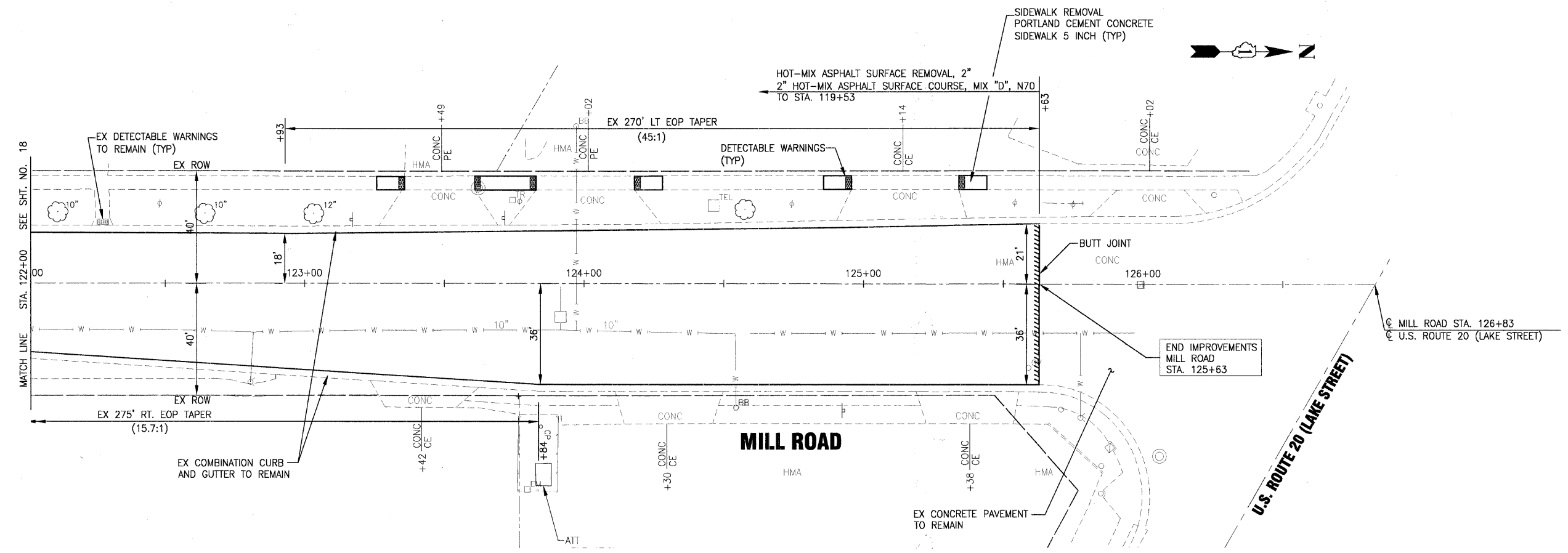
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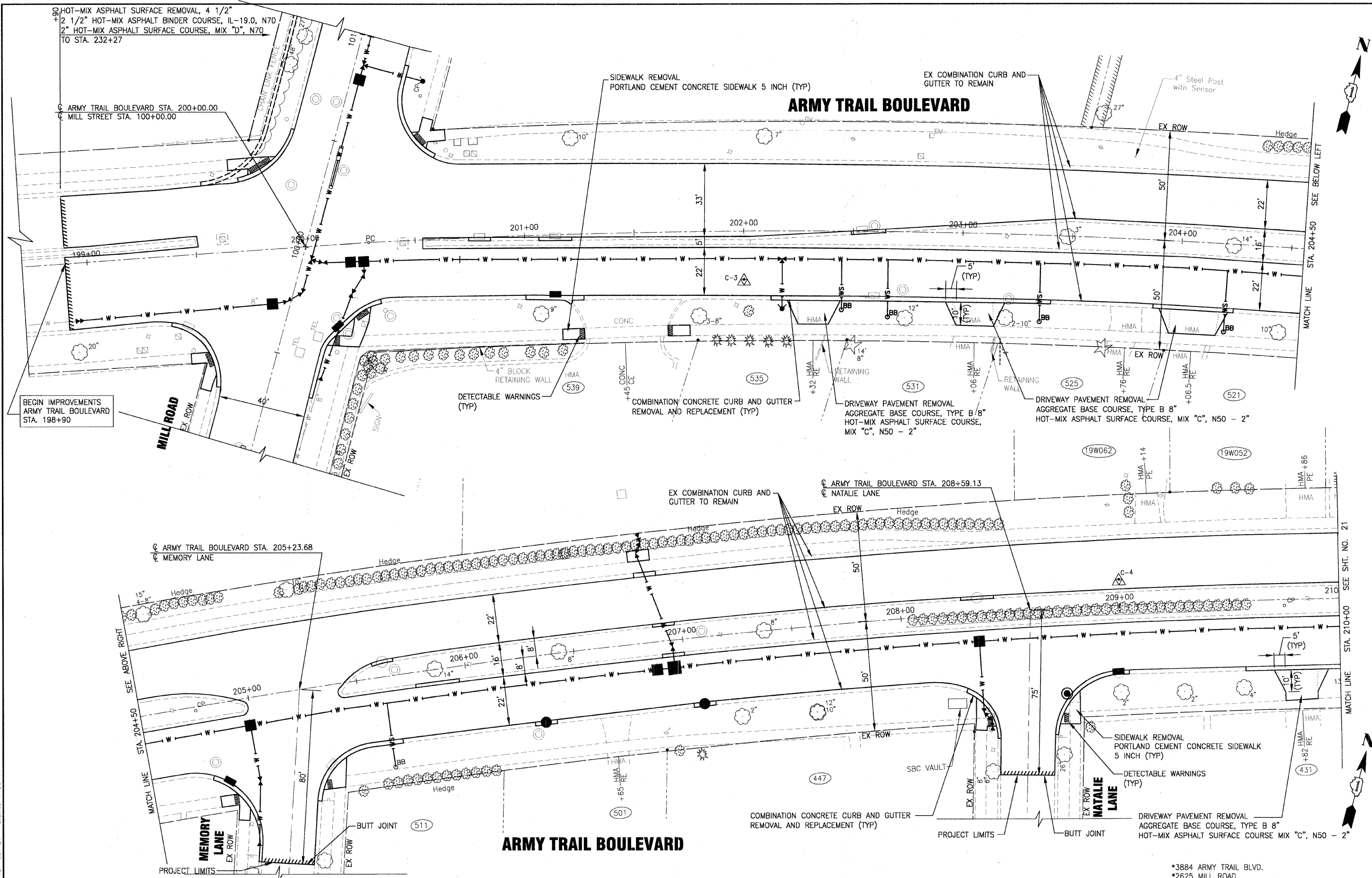
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 REVISED - IDOT REVIEW 11-17-09
 REVISED -

**VILLAGE OF ADDISON, ILLINOIS
 MILL ROAD AND ARMY TRAIL BOULEVARD
 STP IMPROVEMENTS**

**PLAN
 MILL ROAD**
 SCALE: HORIZ. 1"=20'
 PROJECT NO: 070142
 STA. 122+00 TO STA. 126+50

*3884 ARMY TRAIL BLVD. *2625 MILL ROAD		F.A.U. RT.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*	09-00098-00-RS	DuPage	69	19
		C-91-056-10		CONTRACT NO. 63427		
		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)		





HOT-MIX ASPHALT SURFACE REMOVAL, 4 1/2"
 2 1/2" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
 TO STA. 232+27

ARMY TRAIL BOULEVARD STA. 200+00.00
 MILL STREET STA. 100+00.00

BEGIN IMPROVEMENTS
 ARMY TRAIL BOULEVARD
 STA. 198+90

MILL ROAD

ARMY TRAIL BOULEVARD STA. 205+23.68
 MEMORY LANE

MEMORY LANE

ARMY TRAIL BOULEVARD

ARMY TRAIL BOULEVARD

ARMY TRAIL BOULEVARD STA. 208+59.13
 NATALIE LANE

NATALIE LANE

**VILLAGE OF ADDISON, ILLINOIS
 MILL ROAD AND ARMY TRAIL BOULEVARD
 STP IMPROVEMENTS**

**PLAN
 ARMY TRAIL BOULEVARD**

SCALE: HORIZ. 1"=20' PROJECT NO: 070142 STA. 198+90 TO STA. 210+00

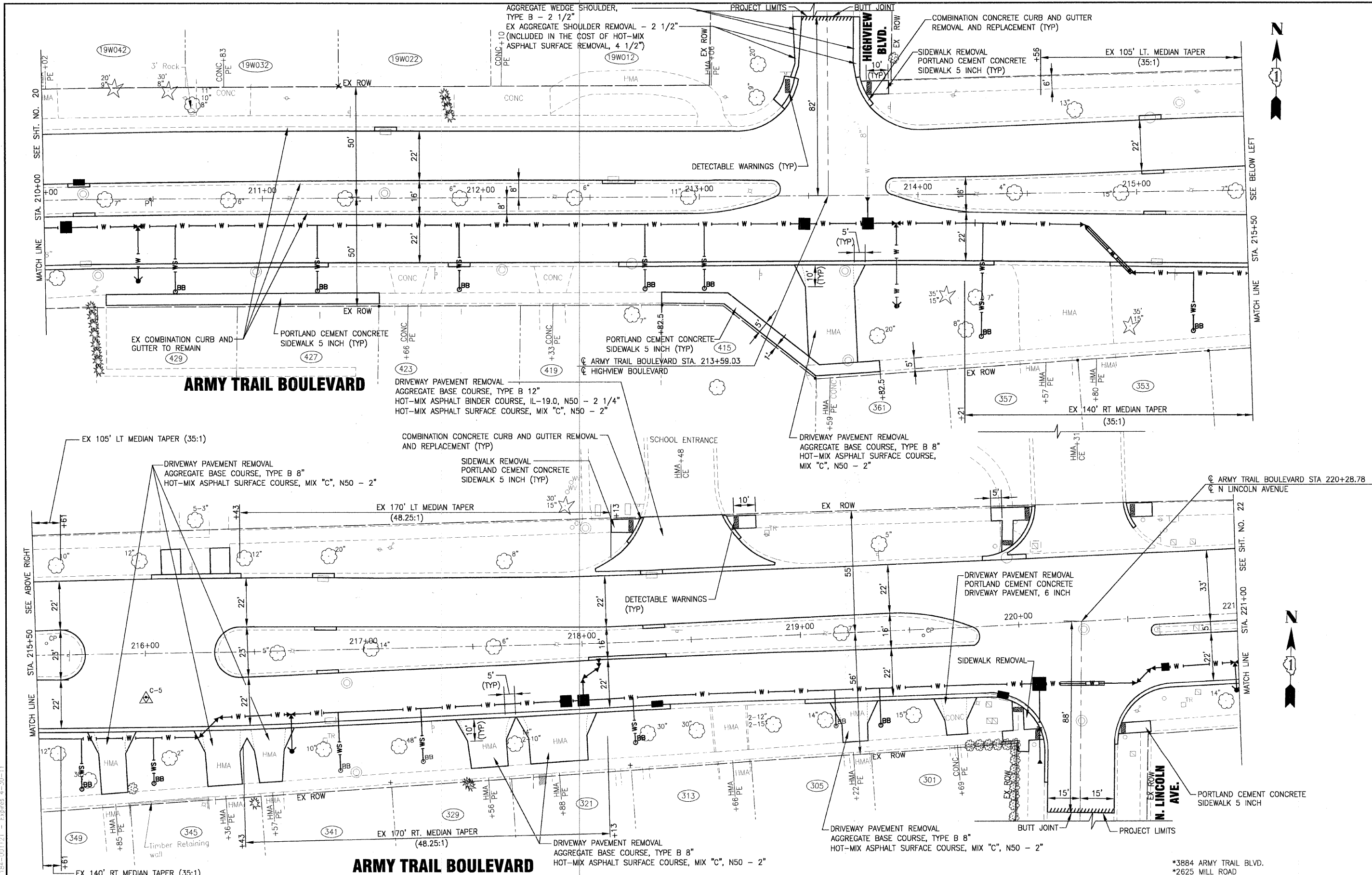
*3884 ARMY TRAIL BLVD.
 *2625 MILL ROAD

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DATE - 8-19-09	REVISED - VILLAGE REVIEW 12-07-09

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		

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DATE - 8-19-09	REVISED - VILLAGE REVIEW 12-07-09

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

PLAN	
ARMY TRAIL BOULEVARD	
SCALE: HORIZ. 1"=20'	PROJECT NO: 070142 STA. 210+00 TO STA. 221+00

*3884 ARMY TRAIL BLVD. *2625 MILL ROAD	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)		

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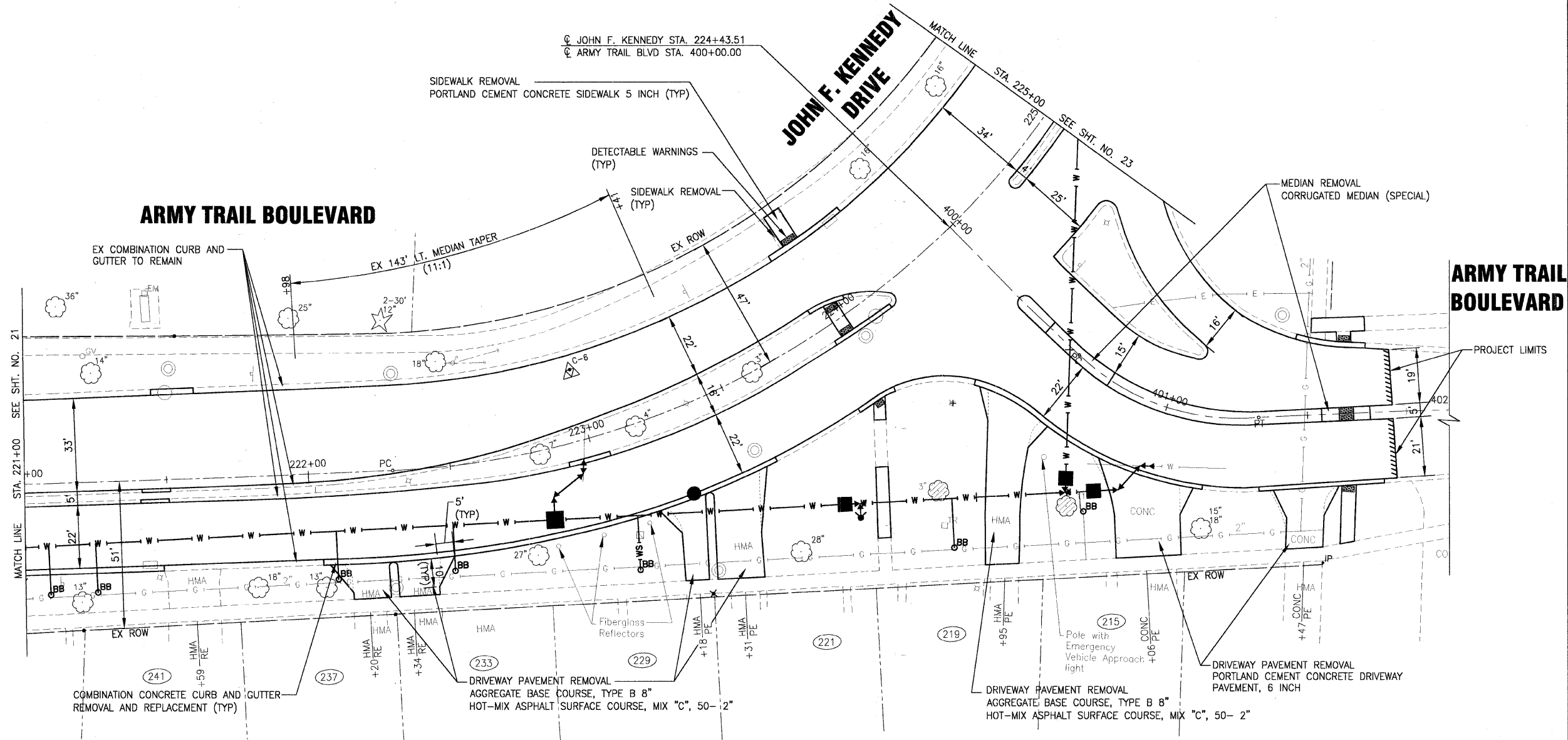
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 REVISED - IDOT REVIEW 11-17-09
 REVISED -

**VILLAGE OF ADDISON, ILLINOIS
 MILL ROAD AND ARMY TRAIL BOULEVARD
 STP IMPROVEMENTS**

PLAN
ARMY TRAIL BOULEVARD/JOHN F KENNEDY DRIVE
 SCALE: HORIZ. 1"=20' PROJECT NO: 070142 STA. 221+00 TO STA. 225+00

*3884 ARMY TRAIL BLVD.
 *2625 MILL ROAD

FAU. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	22
C-91-056-10			CONTRACT NO. 63427	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT V-9003 (474)				



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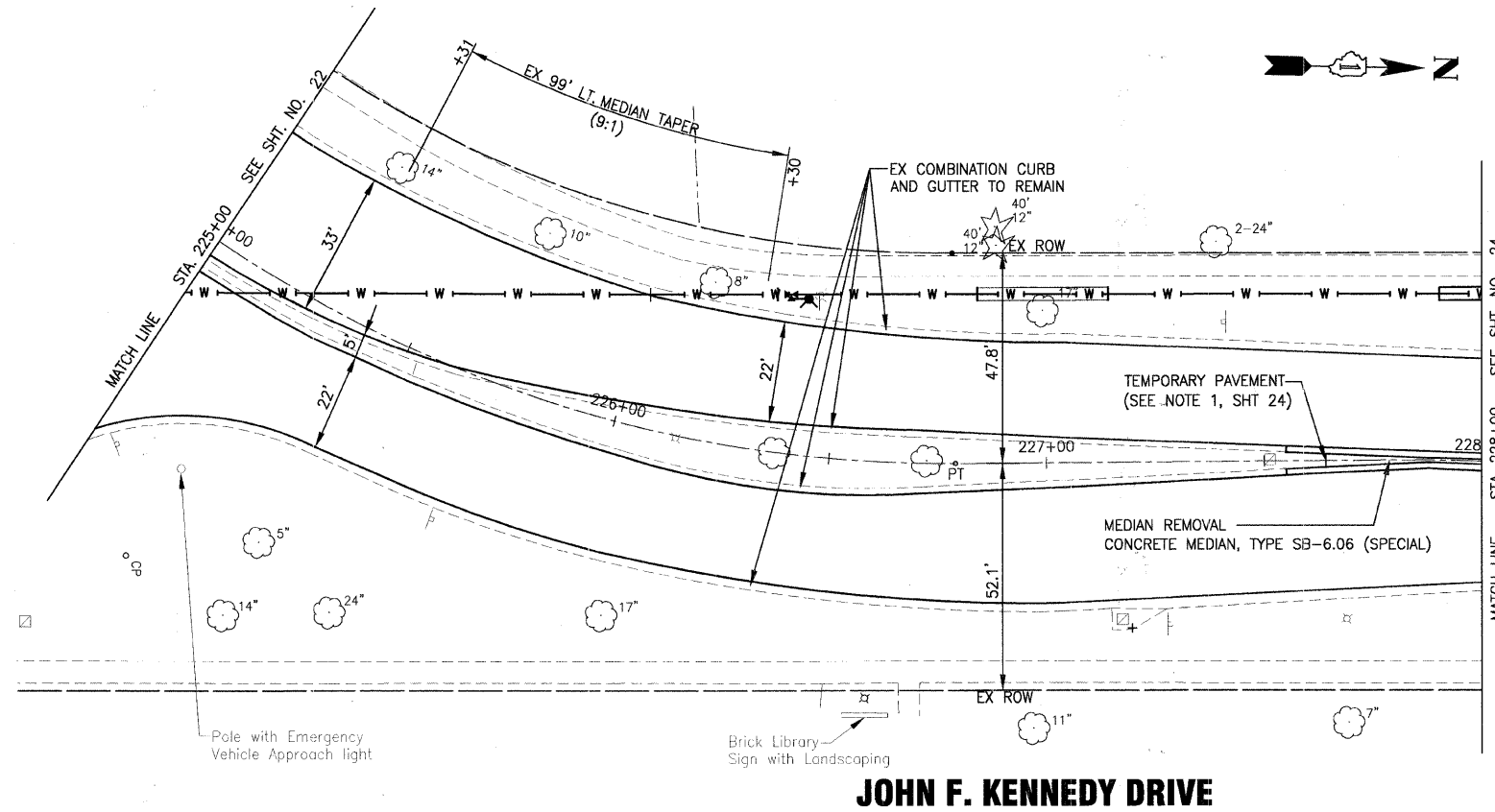
VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

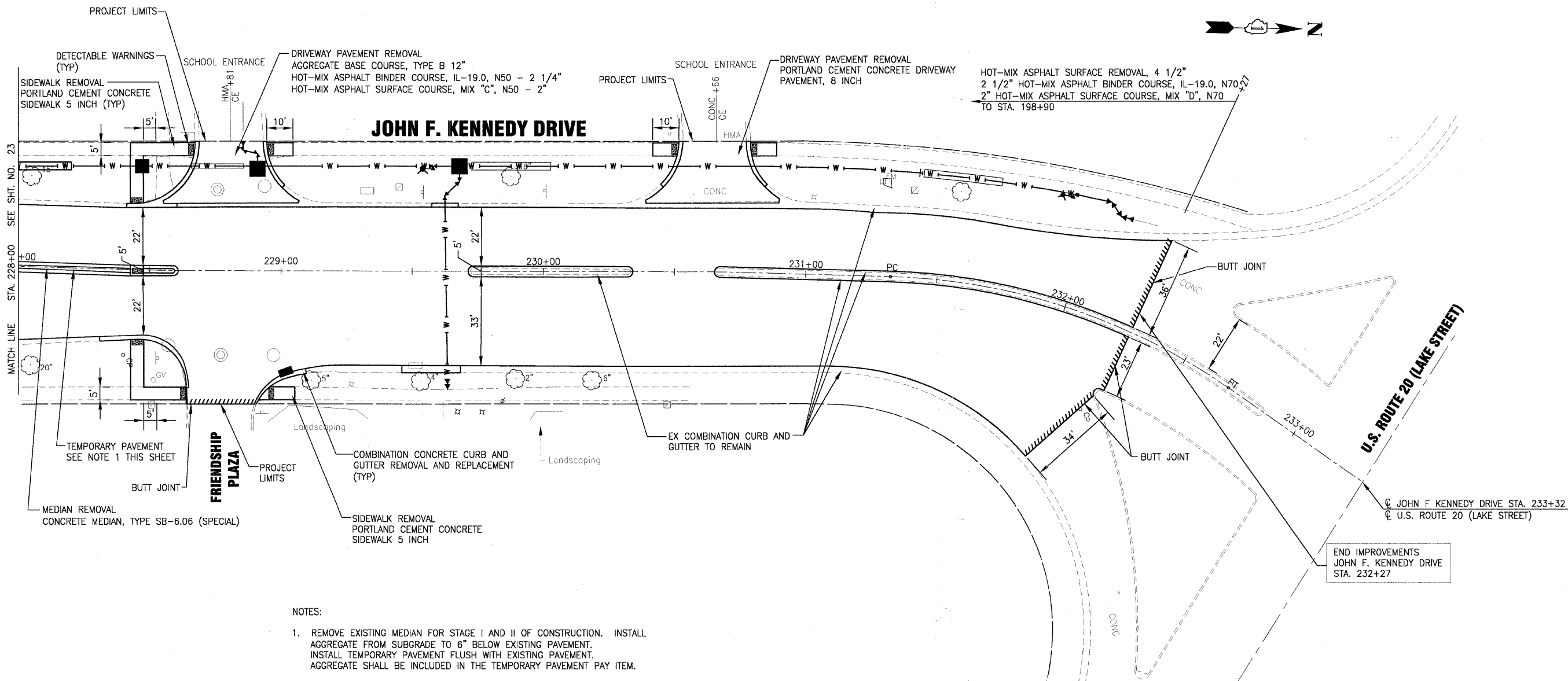
PLAN
JOHN F. KENNEDY DRIVE

SCALE: HORIZ. 1"=20' PROJECT NO: 070142 STA. 225+00 TO STA. 228+00

*3884 ARMY TRAIL BLVD.
 *2625 MILL ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-0009B-00-RS	DuPage	69	23
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)				





- NOTES:
1. REMOVE EXISTING MEDIAN FOR STAGE I AND II OF CONSTRUCTION. INSTALL AGGREGATE FROM SUBGRADE TO 6" BELOW EXISTING PAVEMENT. INSTALL TEMPORARY PAVEMENT FLUSH WITH EXISTING PAVEMENT. AGGREGATE SHALL BE INCLUDED IN THE TEMPORARY PAVEMENT PAY ITEM.

I:\ADMIN\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\070142-ARMY-TRAIL-PLAN.DWG: 24
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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

PLAN	
JOHN F. KENNEDY DRIVE	
SCALE: HORIZ. 1"=20'	PROJECT NO: 070142 STA. 228+00 TO STA. 233+00

*3884 ARMY TRAIL BLVD. *2625 MILL ROAD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		09-00098-00-RS	DuPage	69	24	
C-91-056-10		CONTRACT NO. 63427		ILLINOIS FED. AID PROJECT M-9003 (474)		

GENERAL NOTES

EMERGENCY SERVICES NOTIFICATION.

EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.

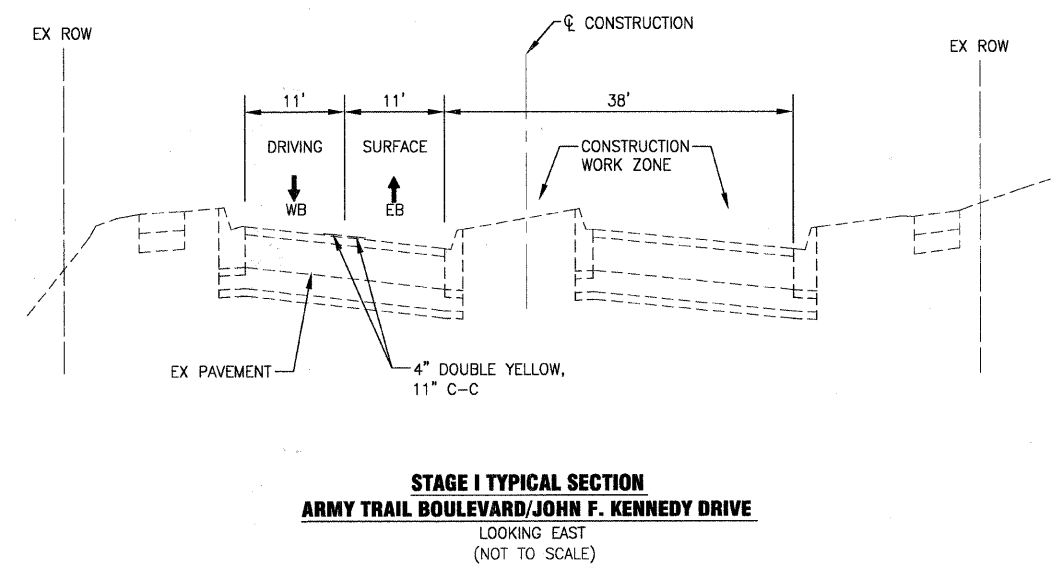
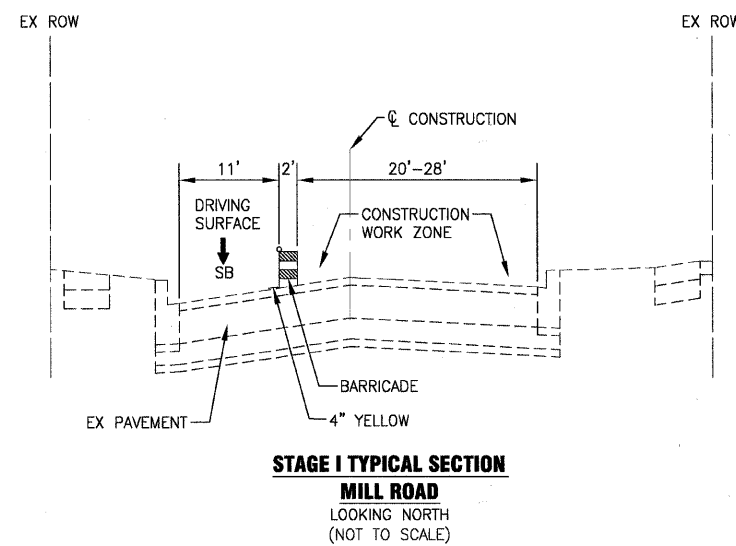
THE CONTRACTOR SHALL ADVISE ALL EMERGENCY RESPONDERS A MINIMUM OF 3 DAYS IN ADVANCE OF CONSTRUCTION ACTIVITIES WHICH IMPACT ALL EMERGENCY SERVICES. THIS WILL INCLUDE, BUT IS NOT LIMITED TO, THE ADDISON FIRE DEPARTMENT.

1. THE CONTRACTOR SHALL MAINTAIN EXISTING LANE WIDTHS FOR TRAFFIC FLOW THROUGHOUT THE DURATION OF THE CONTRACT UNLESS OTHERWISE DETERMINED BY THE ENGINEER.
2. ALL SIDE STREETS SHALL BE OPEN TO TRAFFIC THROUGHOUT THE DURATION OF THE CONTRACT UNLESS OTHERWISE NOTED IN THE SUGGESTED SEQUENCE OF CONSTRUCTION.
3. DURING MILL ROAD AND ARMY TRAIL BOULEVARD STAGE I AND II WATER MAIN WORK, THE VILLAGE WILL OPERATE THE MILL/ARMY TRAIL BOULEVARD AND LINCOLN/ARMY TRAIL BOULEVARD TRAFFIC SIGNALS IN FLASHING RED/STOP CONTROL MODE. (SEE BELOW)
4. THE CONTRACTOR SHALL NOTIFY THE VILLAGE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION OPERATIONS INVOLVING THE TEMPORARY CLOSING OF DRIVES OR THE ROADWAY. THE CONTRACTOR SHALL PROVIDE A 48-HOUR NOTICE TO AFFECTED PARTIES BY DISTRIBUTING WRITTEN NOTICES AND/OR POSTING SIGNS.
5. BUSINESSES SHALL HAVE ACCESS TO THEIR DRIVES. THE SHELL GAS STATION ARMY TRAIL BOULEVARD DRIVEWAY SHALL BE CLOSED.
6. THE ENGINEER SHALL BE INFORMED 72-HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
7. TYPE I BARRICADES, BARRELS AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURN LIGHTS AND SHALL BE PLACED AT EITHER 25-FOOT OR 50-FOOT INTERVALS ALONG THE PROPOSED CONSTRUCTION ZONE PENDING LOCATION AND 20-FOOT INTERVALS WITHIN TAPER SECTIONS OR AS DETERMINED BY THE ENGINEER.
8. UTILIZE TEMPORARY PAVEMENT MARKINGS ON MILL ROAD AND ARMY TRAIL BOULEVARD. TEMPORARY PAVEMENT MARKINGS SHALL NOT DAMAGE EXISTING PAVEMENT MARKINGS TO REMAIN. ANY AND ALL REPLACEMENT OF EXISTING PAVEMENT MARKINGS, AS DETERMINED BY THE ENGINEER, SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL DETOUR.
9. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION SHALL BE REPLACED BY THE CONTRACTOR AS DETERMINED BY THE ENGINEER. ALL MARKINGS REQUIRING REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
10. THE FURNISHING, INSTALLING AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION. ALL CONFLICTING TRAFFIC SIGNS AND TRAFFIC DETOUR SIGNS WHEN NOT IN USE ON MILL ROAD OR ARMY TRAIL BOULEVARD SHALL BE COVERED AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL DETOUR.
11. CONTRACTOR SHALL INSTALL AND MAINTAIN SIGNAGE TO ESTABLISH A 20 MPH SPEED LIMIT THROUGHOUT THE CONSTRUCTION ZONE. SIGNAGE SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL DETOUR. NUMBER AND PLACEMENT OF SIGNS SHALL BE AS DETERMINED BY THE ENGINEER AND VILLAGE.
12. ARMY TRAIL BOULEVARD IS DESIGNATED A "NO TRUCK ROUTE" FROM ROHLWING ROAD TO LAKE STREET. MILL ROAD AND ARMY TRAIL BOULEVARD ARE OFF LIMITS TO CONSTRUCTION TRUCK TRAFFIC EXCEPT WHERE THE WORK IS BEING PERFORMED. TRUCK TRAFFIC SHALL ONLY ACCESS THE JOBSITE THROUGH THE TWO INTERSECTIONS OF MILL ROAD AND JOHN F. KENNEDY DRIVE WITH LAKE STREET.

SUGGESTED SEQUENCE OF CONSTRUCTION

- STAGE I:
1. STAGE I CAN BEGIN ON OR AFTER JUNE 1, 2010. INSTALL TRAFFIC CONTROL SIGNAGE AND CHANGEABLE MESSAGE SIGNS. SET UP LANE CLOSURES AND SIGNAGE FOR ONE-WAY SOUTH BOUND MILL ROAD. REMOVE MEDIAN IN JOHN F. KENNEDY DRIVE AND REPLACE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PLANS.
 2. ONE DAY PRIOR TO BEGINNING WATER MAIN AND STORM SEWER CONSTRUCTION, SHIFT ALL ARMY TRAIL BLVD. TRAFFIC TO THE EXISTING WESTBOUND PAVEMENT USING LANE CLOSURES IN THE HIGHWAY STANDARDS. ALLOW TRAFFIC TO TRAVEL IN ONE LANE IN EACH DIRECTION PER THE STAGE I TYPICAL SECTION. SET MILL ROAD AND ARMY TRAIL BOULEVARD AND LINCOLN AVENUE AND ARMY TRAIL BOULEVARD INTERSECTION TRAFFIC SIGNALS TO FLASHING RED/STOP CONTROL MODE.
 3. WATER MAIN AND STORM SEWER CONSTRUCTION SHALL NOT BEGIN UNTIL AFTER SCHOOL DISTRICT 4'S 2009/10 YEAR ENDS (JUNE 4, 2010, WINTER WEATHER PERMITTING).
 4. INSTALL WATER MAINS ALONG MILL ROAD AND ARMY TRAIL BOULEVARD. CONSTRUCT STORM SEWER ACROSS PORTIONS OF ROADWAYS CLOSED TO TRAFFIC ONLY. TEMPORARILY PLUG LATERALS TO BE EXTENDED IN FUTURE STAGE II. PROVIDE TEMPORARY PAVEMENT ON WATER MAIN AND STORM SEWER TRENCHES AT LOCATIONS OPEN TO TRAFFIC AND INTERSECTIONS AT THE END OF EACH DAY OR AS DETERMINED BY THE ENGINEER.
 5. ACTIVATE INSTALLED WATER MAIN. THE CONTRACTOR SHALL NOTIFY THE VILLAGE AND ENGINEER THREE (3) WEEKS PRIOR TO CLOSING THE MILL ROAD AND ARMY TRAIL BOULEVARD INTERSECTION FOR STAGE II.
 6. ONE WEEK PRIOR TO CLOSING THE MILL ROAD AND ARMY TRAIL BOULEVARD INTERSECTION (FOR STAGE II), BEGIN INSTALLING STAGE II DETOUR SIGNAGE AND COVER STAGE II SIGNS.
- STAGE II:
1. AFTER MONDAY EVENING RUSH HOUR TRAFFIC (OR AFTER 7:30 P.M. WHICH EVER IS LATER), CLOSE THE MILL ROAD AND ARMY TRAIL BOULEVARD INTERSECTION. UNCOVER STAGE II SIGNS AND COVER APPROPRIATE STAGE I SIGNS. TURN MILL ROAD AND ARMY TRAIL BOULEVARD INTERSECTION TRAFFIC SIGNALS OFF. MAINTAIN FLASHING RED/STOP CONTROL MODE AT ARMY TRAIL BOULEVARD AND LINCOLN AVENUE.
INSTALL REMAINING WATER MAIN AND STORM SEWER ON TUESDAY, WEDNESDAY AND THURSDAY. PROVIDE TEMPORARY PAVEMENT ON WATER MAIN AND STORM SEWER TRENCHES AT LOCATIONS OPEN TO TRAFFIC AND INTERSECTIONS AT THE END OF EACH DAY OR AS DETERMINED BY THE ENGINEER.
AFTER THURSDAY EVENING RUSH HOUR TRAFFIC (OR AFTER 7:30 P.M. WHICH EVER IS LATER), RETURN MILL ROAD AND ARMY TRAIL BOULEVARD TO STAGE I. COVER/REMOVE STAGE II SIGNS AND UNCOVER STAGE I SIGNS. SET MILL ROAD AND ARMY TRAIL BOULEVARD INTERSECTION TRAFFIC SIGNALS TO FLASHING RED/STOP CONTROL MODE.
(IF WATER MAIN TESTING FAILS, REPEAT STAGE I AND II AS NECESSARY AFTER COORDINATION WITH THE VILLAGE AND ENGINEER).
 2. ACTIVATE REMAINING WATER MAIN.
COMPLETION DATE AUGUST 20, 2010 (67 CALENDAR DAYS IF CONSTRUCTION BEGINS JUNE 14, 2010).
ACTIVATION OF REMAINING WATER MAIN SHALL BE COMPLETED BEFORE SCHOOL DISTRICT 4'S 2010/11 YEAR BEGINS (THE WEEK OF AUGUST 23, 2010).
 3. COMPLETE MILLING, PATCHING, AND CURB AND GUTTER REMOVAL AND REPLACEMENT.
 4. REMOVE LANE CLOSURES AND SIGNAGE. RESTORE MILL ROAD AND ARMY TRAIL BOULEVARD AND LINCOLN AVENUE AND ARMY TRAIL BOULEVARD INTERSECTION TRAFFIC SIGNALS TO NORMAL OPERATION.
OPEN ROADWAYS TO NORMAL LANE CONFIGURATIONS.

- PROJECT COMPLETION:
1. COMPLETE RESURFACING AND PAVEMENT MARKINGS UNDER TRAFFIC.
 2. SUBSTANTIAL COMPLETION.
 3. CONDUCT WALK THROUGH INSPECTION WITH VILLAGE AND ENGINEER.
 4. COMPLETE PUNCH LIST ITEMS.
 5. REMOVE CHANGEABLE MESSAGE SIGNS.
 6. FINAL COMPLETION DATE IS OCTOBER 28, 2010 WHICH IS 136 CALENDAR DAYS AFTER JUNE 14, 2010.



I:\ADDN\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWG\070142-MAINT-TRFC-STG-NTES.DWG 25
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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED - VILLAGE REVIEW 12-07-09

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

CONSTRUCTION STAGING	
SCALE:	PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD. *2625 MILL ROAD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*	09-00098-00-RS	DuPage	69	25
		C-91-056-10		CONTRACT NO. 63427		
		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)		

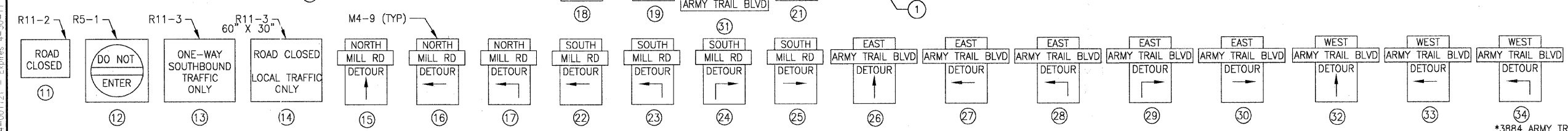
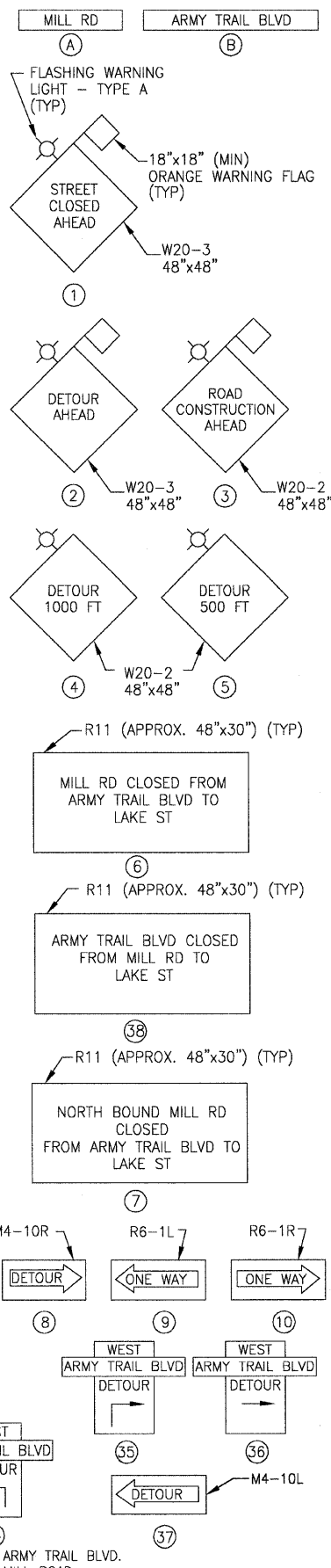
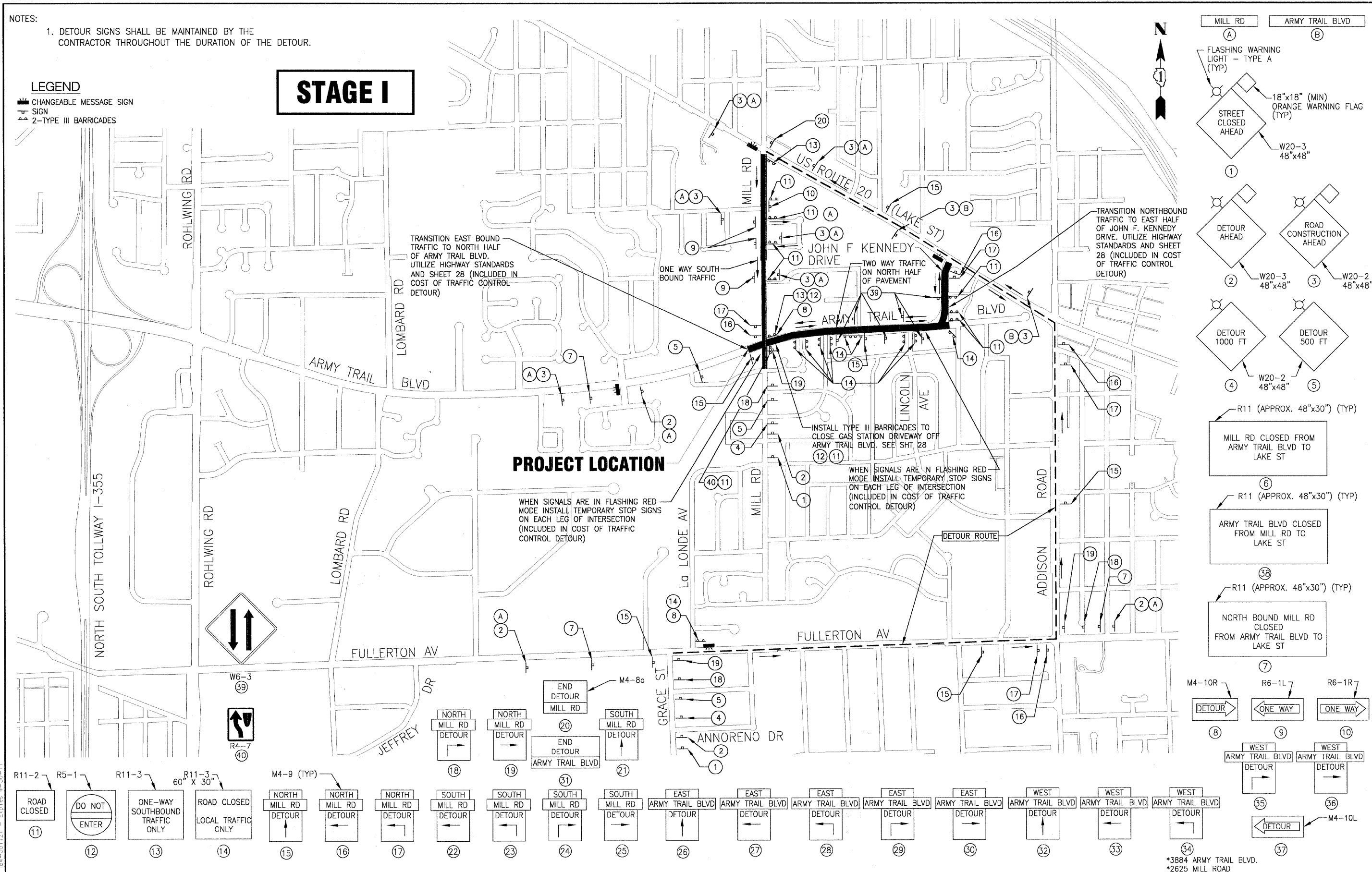
NOTES:

1. DETOUR SIGNS SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE DURATION OF THE DETOUR.

LEGEND

- CHANGABLE MESSAGE SIGN
- 1-1 SIGN
- 2-TYPE III BARRICADES

STAGE I



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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

DETOUR PLAN - STAGE I	
MILL ROAD AND ARMY TRAIL BOULEVARD	
SCALE: 1" = 600'	PROJECT NO: 070142 STA. TO STA.

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	26
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		

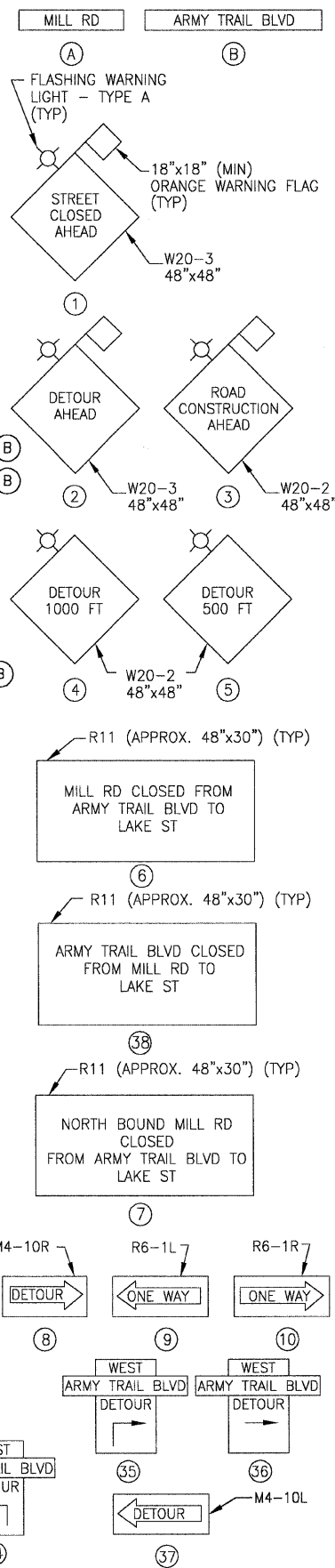
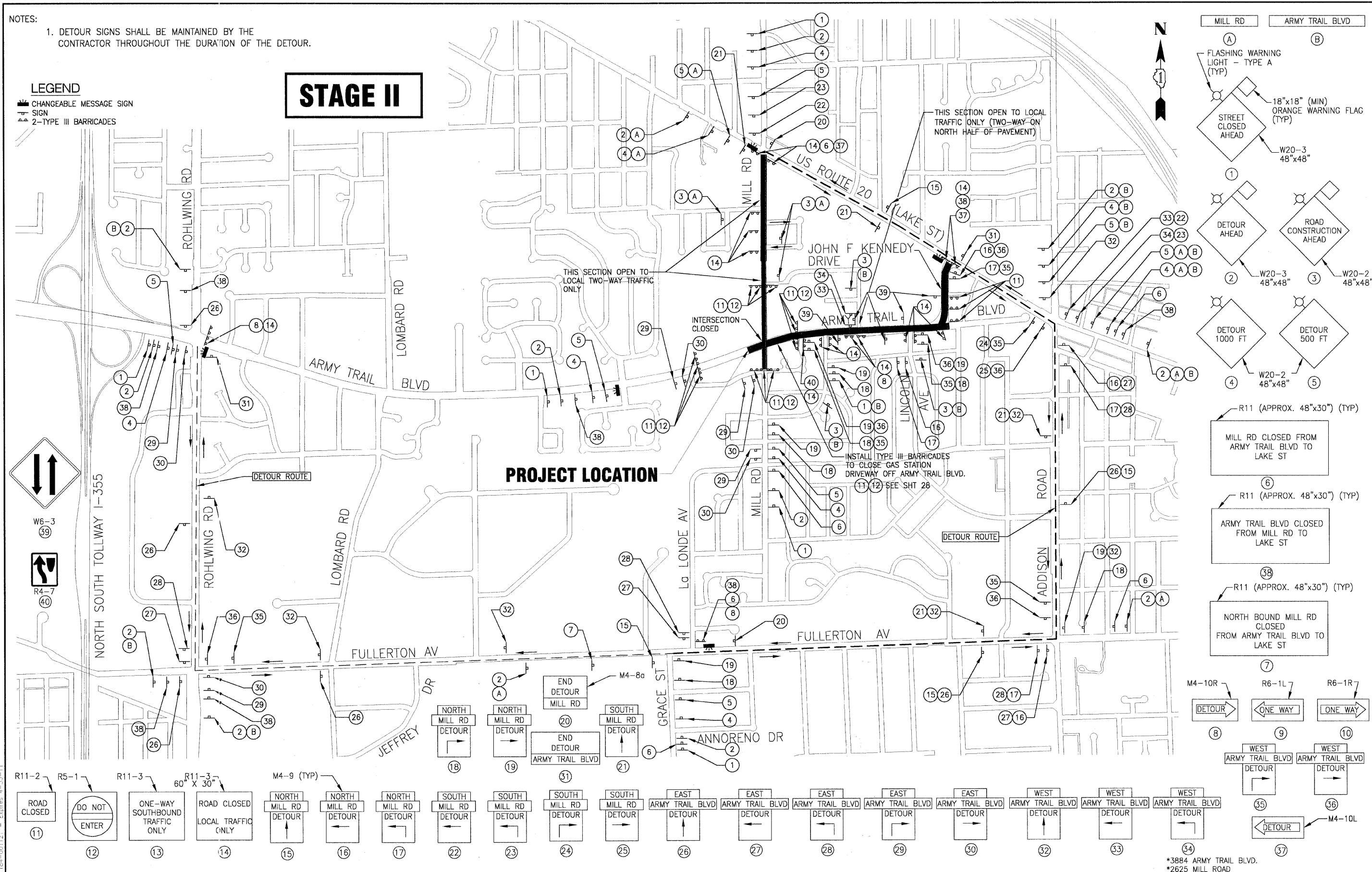
NOTES:

1. DETOUR SIGNS SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE DURATION OF THE DETOUR.

LEGEND

- CHANGABLE MESSAGE SIGN
- SIGN
- 2-TYPE III BARRICADES

STAGE II



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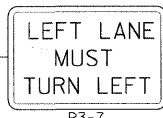
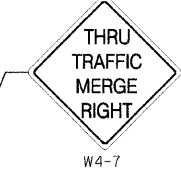
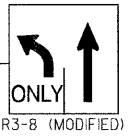
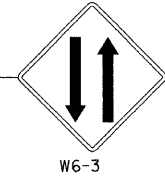
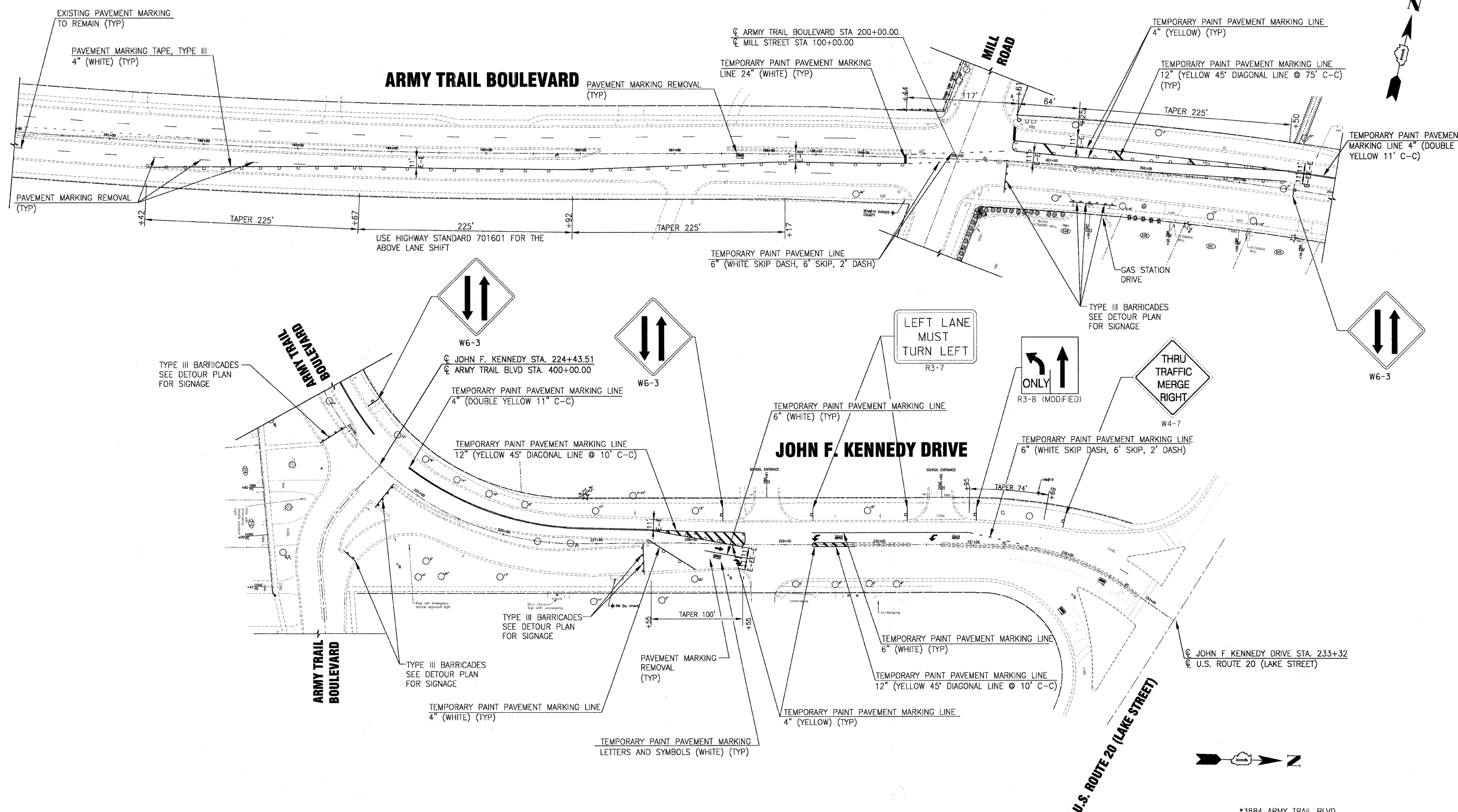
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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

**DETOUR PLAN STAGE II
MILL ROAD AND ARMY TRAIL BOULEVARD**

SCALE: 1" = 600'
PROJECT NO: 070142 STA. 10 STA.

FAU R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	27
C-91-056-10	CONTRACT NO. 63427			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)		



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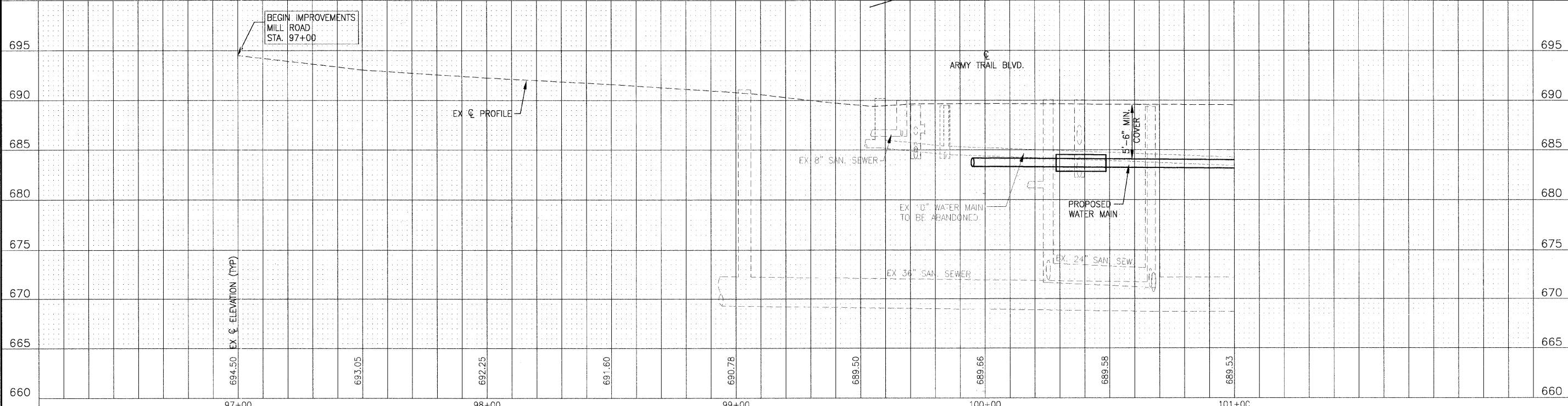
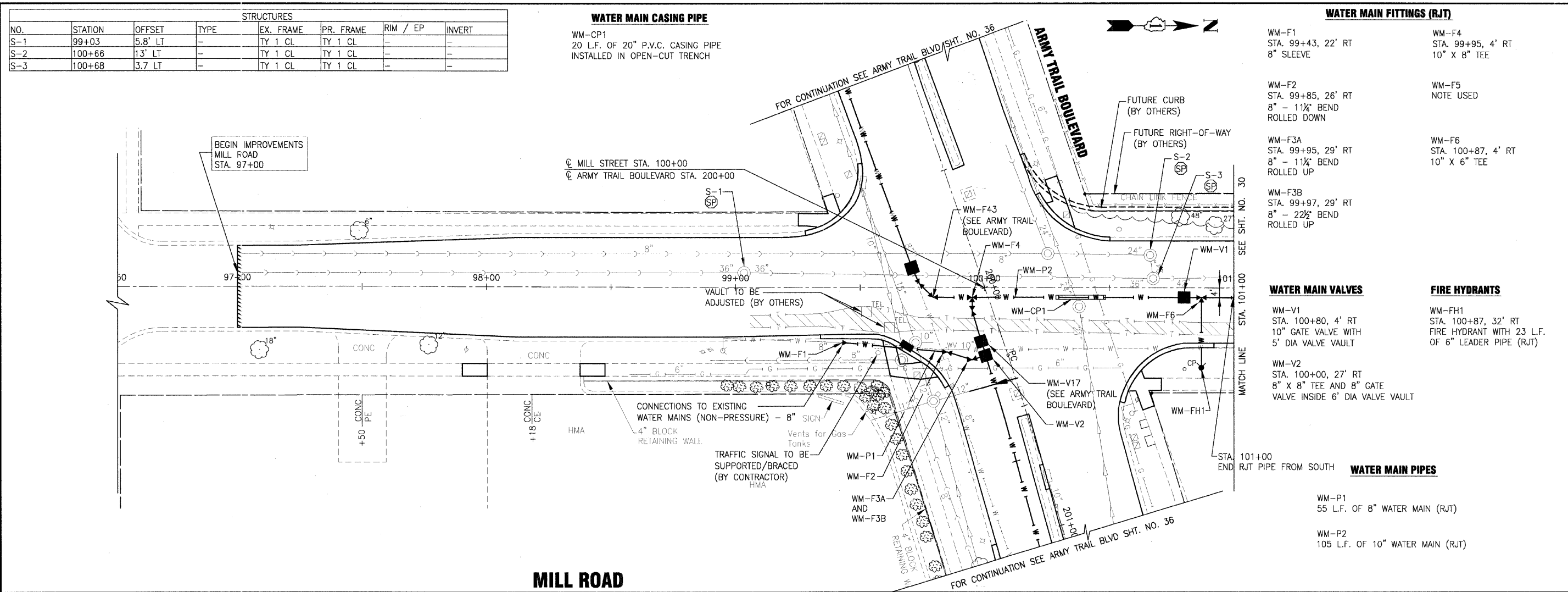
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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

ARMY TRAIL BOULEVARD AND
JOHN F. KENNEDY DRIVE - STAGE 1

SCALE: HORIZ. 1"=50' PROJECT NO: 070142 STA. 189+50 TO STA. 201+00

*3884 ARMY TRAIL BLVD. *2625 MILL ROAD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*	09-00098-00-RS	DuPage	69	28
		C-91-056-10		CONTRACT NO. 63427		
		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)				



STRUCTURES							
NO.	STATION	OFFSET	TYPE	EX. FRAME	PR. FRAME	RIM / EP	INVERT
S-1	99+03	5.8' LT	-	TY 1 CL	TY 1 CL	-	-
S-2	100+66	13' LT	-	TY 1 CL	TY 1 CL	-	-
S-3	100+68	3.7 LT	-	TY 1 CL	TY 1 CL	-	-

WATER MAIN CASING PIPE
 WM-CP1
 20 L.F. OF 20" P.V.C. CASING PIPE
 INSTALLED IN OPEN-CUT TRENCH

WATER MAIN FITTINGS (RJT)
 WM-F1
 STA. 99+43, 22' RT
 8" SLEEVE
 WM-F4
 STA. 99+95, 4' RT
 10" X 8" TEE
 WM-F2
 STA. 99+85, 26' RT
 8" - 1 1/4" BEND
 ROLLED DOWN
 WM-F5
 NOTE USED
 WM-F3A
 STA. 99+95, 29' RT
 8" - 1 1/4" BEND
 ROLLED UP
 WM-F6
 STA. 100+87, 4' RT
 10" X 6" TEE
 WM-F3B
 STA. 99+97, 29' RT
 8" - 2 1/2" BEND
 ROLLED UP

WATER MAIN VALVES
 WM-V1
 STA. 100+80, 4' RT
 10" GATE VALVE WITH
 5' DIA VALVE VAULT
 WM-V2
 STA. 100+00, 27' RT
 8" X 8" TEE AND 8" GATE
 VALVE INSIDE 6' DIA VALVE VAULT
FIRE HYDRANTS
 WM-FH1
 STA. 100+87, 32' RT
 FIRE HYDRANT WITH 23 L.F.
 OF 6" LEADER PIPE (RJT)

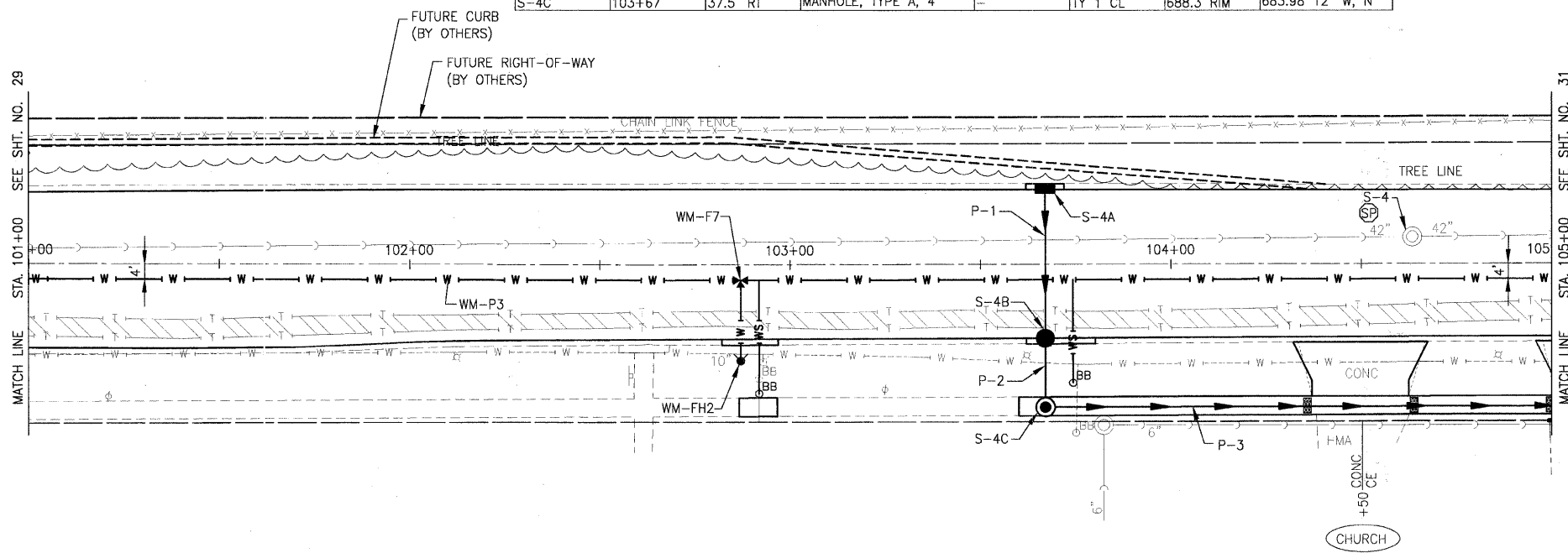
WATER MAIN PIPES
 WM-P1
 55 L.F. OF 8" WATER MAIN (RJT)
 WM-P2
 105 L.F. OF 10" WATER MAIN (RJT)

	DESIGNED - JJS	REVISED - VILLAGE REVIEW 9-08-09	VILLAGE OF ADDISON, ILLINOIS MILL ROAD AND ARMY TRAIL BOULEVARD STP IMPROVEMENTS	DRAINAGE AND UTILITY MILL ROAD	*3884 ARMY TRAIL BLVD. *2625 MILL ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09				09-00098-00-RS	DuPage	69	29	
	CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09				C-91-056-10	CONTRACT NO. 63427			
	DATE - 8-19-09	REVISED - VILLAGE REVIEW 12-07-09				FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)		

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STRUCTURES							
NO.	STATION	OFFSET	TYPE	EX. FRAME	PR. FRAME	RIM / EP	INVERT
S-4	104+63	6.9' LT	-	TY 1 CL	TY 1 CL	-	-
S-4A	103+67	19.5' LT	INLET, TYPE A	-	TY 11	687.5 EP	684.50 12" E
S-4B	103+67	19.5' RT	CATCH BASIN, TYPE A, 4'	-	TY 11	687.5 EP	684.11 12" E, W
S-4C	103+67	37.5' RT	MANHOLE, TYPE A, 4'	-	TY 1 CL	688.3 RIM	683.98 12" W, N

PIPES					
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)
P-1	STORM SEWER (WATER MAIN REQUIREMENTS)	39	12	1.00%	11
P-2	STORM SEWER, CLASS A, TYPE 1	18	12	0.72%	6
P-3	STORM SEWER, CLASS A, TYPE 2	251	12	1.00%	159



WATER MAIN FITTINGS (RJT)

WM-F7
STA. 102+87, 4' RT
10" X 6" TEE

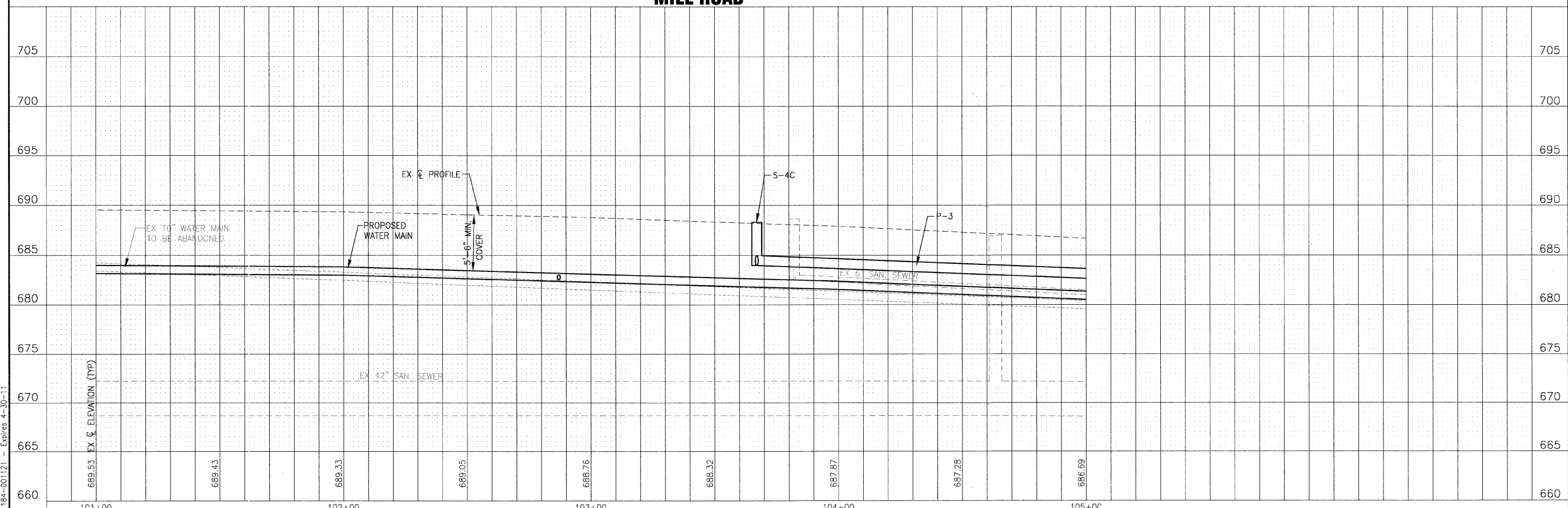
FIRE HYDRANTS

WM-FH2
STA. 102+87, 25.4' RT
FIRE HYDRANT WITH 16 L.F. OF
6" LEADER PIPE (RJT)

WATER MAIN PIPES

WM-P3
400 L.F. OF 10" WATER MAIN

MILL ROAD



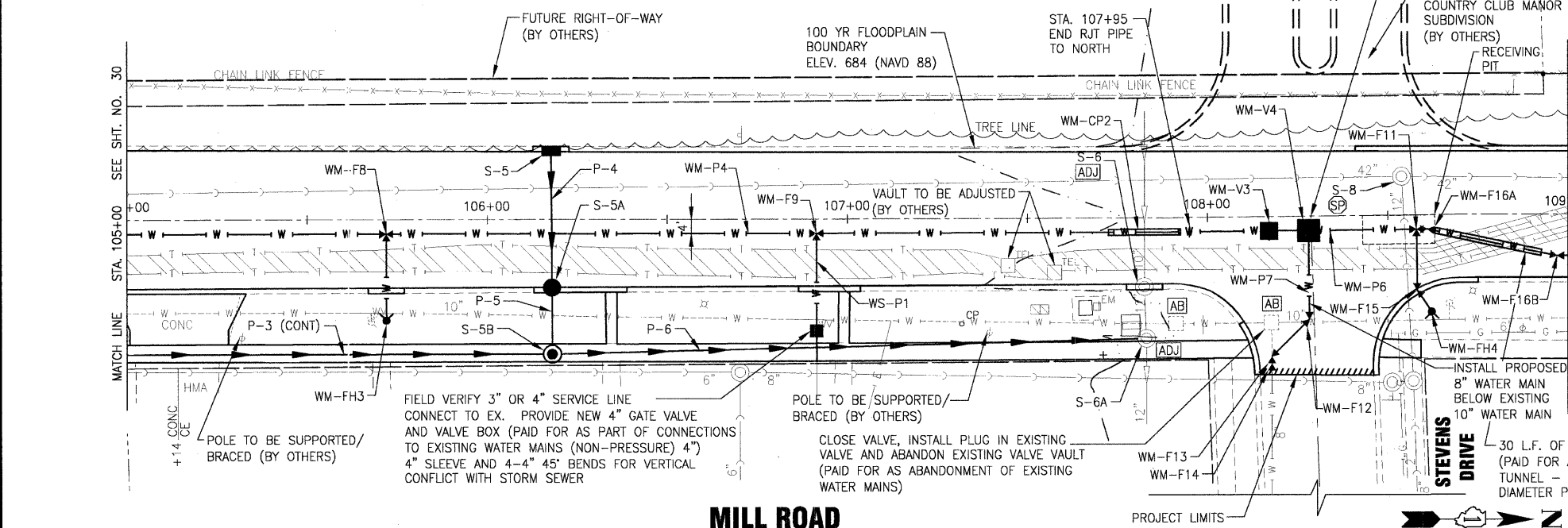
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	DESIGNED - JJS	REVISED - VILLAGE REVIEW 9-08-09	VILLAGE OF ADDISON, ILLINOIS MILL ROAD AND ARMY TRAIL BOULEVARD STP IMPROVEMENTS	DRAINAGE AND UTILITY MILL ROAD		*3884 ARMY TRAIL BLVD.	F.A.U. R/L	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09		*2625 MILL ROAD	C-91-056-10	09-00098-00-RS	DuPage	69	30		
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09		SCALE: HORIZ. 1"=20' / VERT. 1"=5'		PROJECT NO: 070142	STA. 101+00	TO STA. 105+00	CONTRACT NO. 63427			
DATE - 8-19-09	REVISED -						ILLINOIS		FED. AID PROJECT M-9003 (474)		

STRUCTURES							
NO.	STATION	OFFSET	TYPE	EX. FRAME	PR. FRAME	RIM / EP	INVERT
S-5	106+17.8	18.8' LT	INLET, TYPE A	-	TY 11	685.0 EP	681.98 12" E
S-5A	106+18	18.9' RT	CATCH BASIN, TYPE A, 4'	-	TY 11	685.2 EP	681.60 12" E, W
S-5B	106+18	37.5' RT	MANHOLE, TYPE A, 4'	-	TY 1 CL	685.8 RIM	681.47 12" W, N, S
S-6	107+82.5	19.2' RT	-	TY 11	TY 11	-	-
S-6A	107+83	33.5' RT	EX MANHOLE	TY 1 CL	TY 1 CL	684.01 RIM	679.58 12" E (EX), W (EX), S
S-7	RESERVED	-	-	-	-	-	-
S-8	108+53.9	10.7' LT	-	TY 1 CL	TY 1 CL	-	-

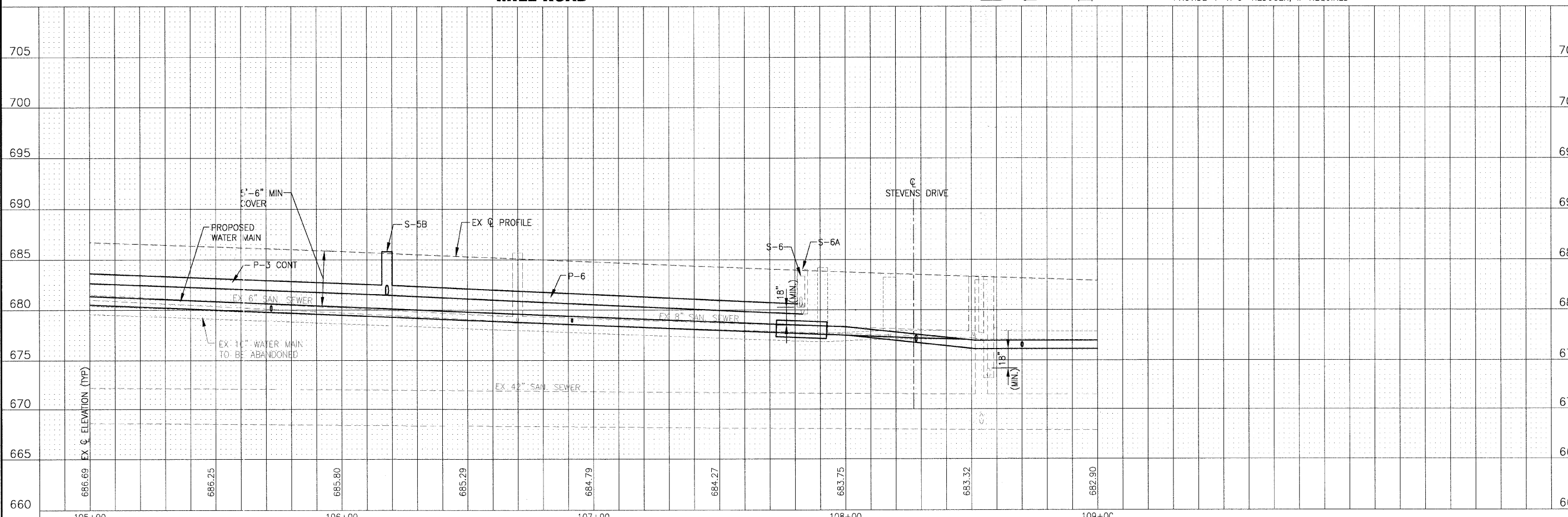
PIPES					
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)
P-4	STORM SEWER (WATER MAIN REQUIREMENTS)	38	12	1.00%	12
P-5	STORM SEWER, CLASS A, TYPE 1	18	12	0.72%	6
P-6	STORM SEWER, CLASS A, TYPE 2	165	12	1.15%	105

WATER MAIN FITTINGS (RJT)		WATER MAIN VALVES	
WM-F8	STA. 105+72, 4' RT 10" X 6" TEE	WM-F13	STA. 108+17.5, 39' RT 8" - 45' BEND
WM-F9	STA. 106+91.5, 4' RT 10" X 4" TEE	WM-F14	STA. 108+17.5, 41' RT 8" SLEEVE
WM-F10	NOT USED	WM-F15	STA. 108+58, 21' RT 6" - 45' BEND
WM-F11	STA. 108+58, 4' RT 10" X 6" TEE	WM-F16A	STA. 108+61, 4' RT 10" - 11 1/4' BEND
WM-F12	STA. 108+28, 29' RT 8" - 45' BEND	WM-F16A	STA. 108+97, 11.5' RT 10" - 11 1/4' BEND



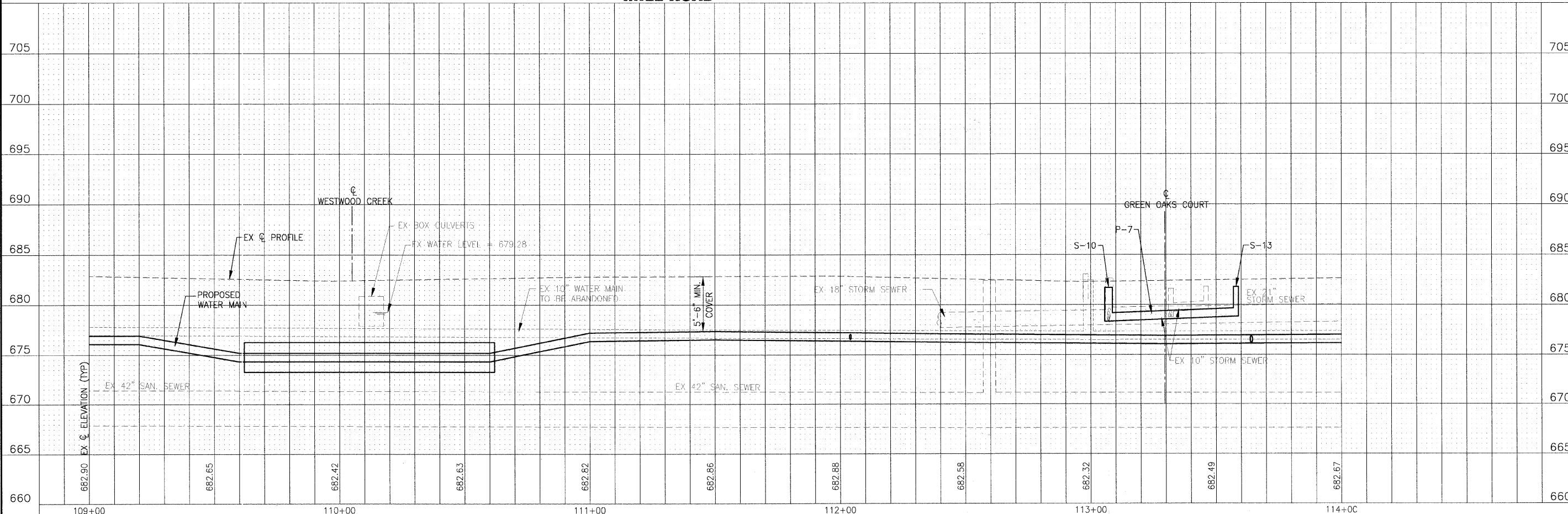
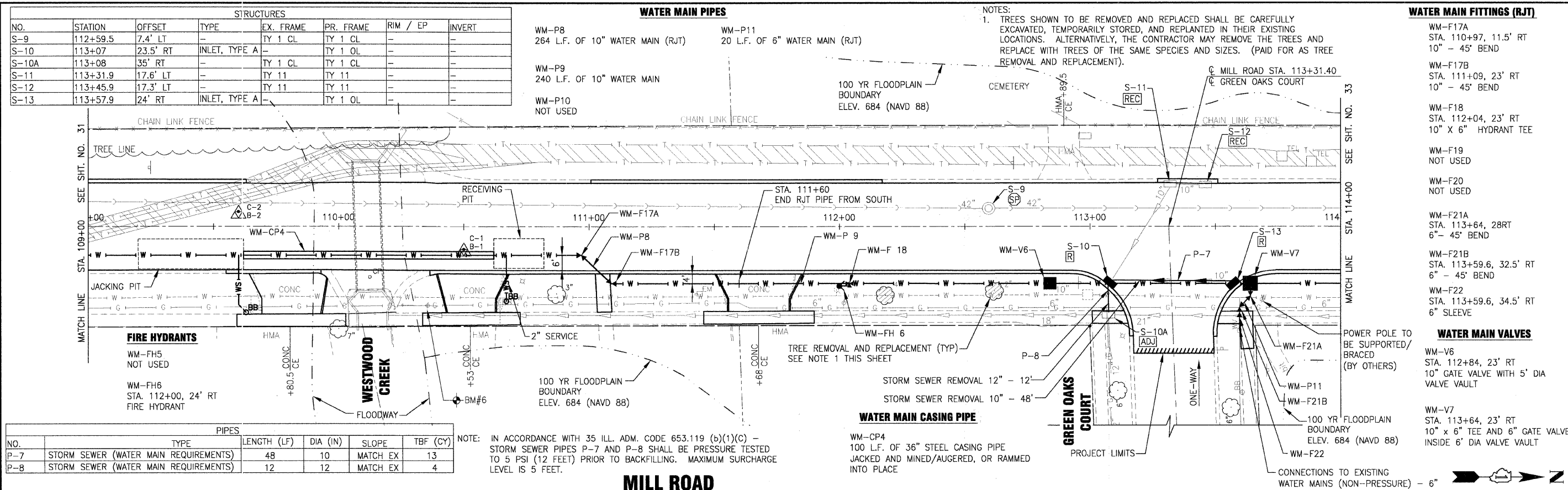
WATER MAIN PIPES		FIRE HYDRANTS	
WM-P4	295 L.F. OF 10" WATER MAIN	WM-FH 3	STA. 105+72, 28' RT FIRE HYDRANT WITH 19 L.F. OF 6" LEADER PIPE (RJT)
WM-P5	NOT USED	WM-FH 4	STA. 108+62, 27' RT FIRE HYDRANT WITH 20 L.F. OF 6" LEADER PIPE
WM-P6	110 L.F. OF 10" WATER MAIN (RJT)	WM-CP2	20 L.F. OF 20" P.V.C. CASING PIPE INSTALLED IN OPEN CUT TRENCH
WM-P7	45 L.F. OF 8" WATER MAIN (RJT)	WM-CP3	NOT USED

WATER SERVICE PIPE	
WS-P1	27 L.F. OF 4" WATER MAIN (RJT) PROVIDE 4" X 3" REDUCER, IF REQUIRED



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	DESIGNED - JJS	REVISED - VILLAGE REVIEW 9-08-09	VILLAGE OF ADDISON, ILLINOIS MILL ROAD AND ARMY TRAIL BOULEVARD STP IMPROVEMENTS	DRAINAGE AND UTILITY MILL ROAD	*3884 ARMY TRAIL BLVD. *2625 MILL ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09				*	09-00098-00-RS	DuPage	69	31
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09	SCALE: HORIZ. 1"=20' / VERT. 1"=5'				PROJECT NO: 070142		STA. 105+00 TO STA. 109+00		CONTRACT NO. 63427
DATE - 8-19-09	REVISED - VILLAGE REVIEW 12-07-09					FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT M-9003 (474)



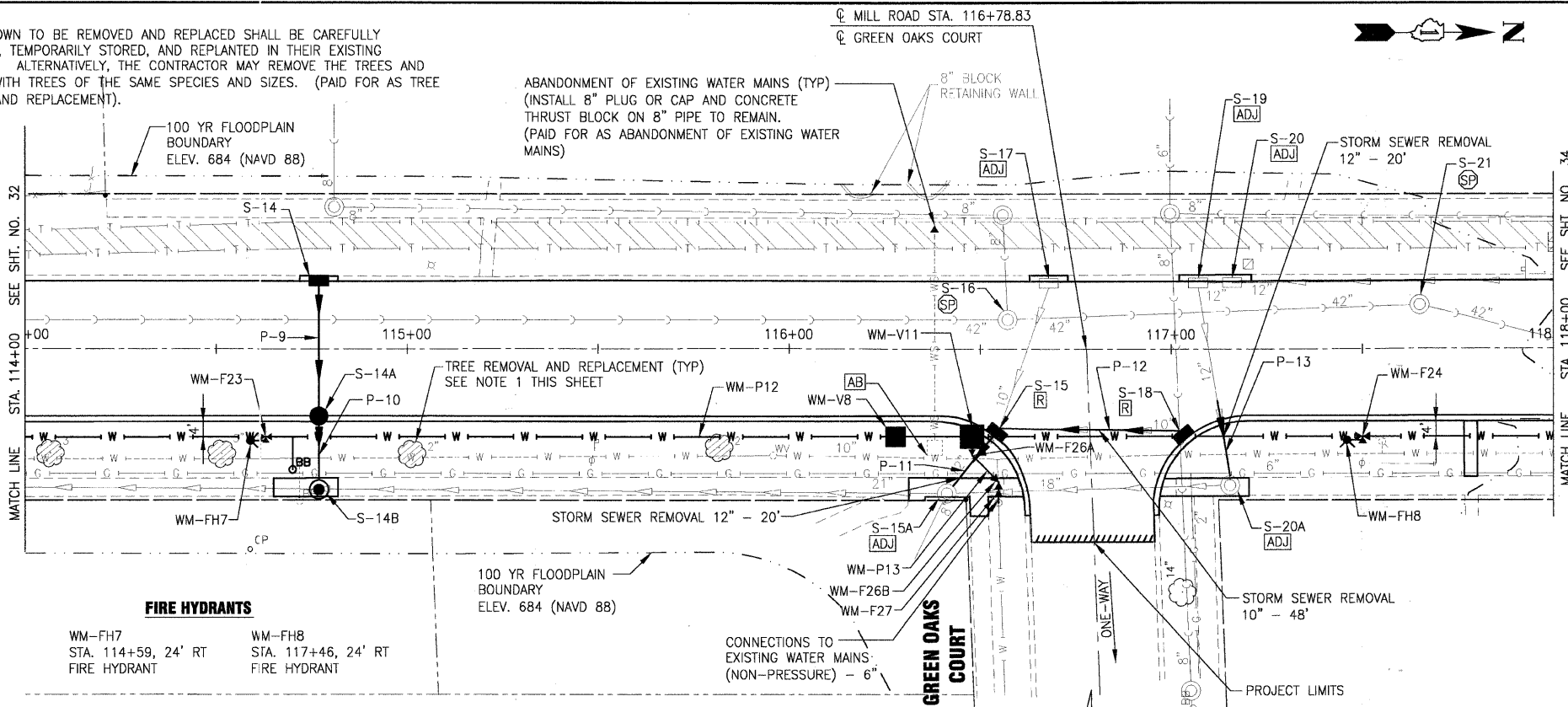
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	DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09				*	09-00098-00-RS	DuPage	69	32
	CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09				C-91-056-10	CONTRACT NO. 63427			
	DATE - 8-19-09	REVISED - PER EPA REVIEW 12-07-09				FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)		

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NOTES:

1. TREES SHOWN TO BE REMOVED AND REPLACED SHALL BE CAREFULLY EXCAVATED, TEMPORARILY STORED, AND REPLANTED IN THEIR EXISTING LOCATIONS. ALTERNATIVELY, THE CONTRACTOR MAY REMOVE THE TREES AND REPLACE WITH TREES OF THE SAME SPECIES AND SIZES. (PAID FOR AS TREE REMOVAL AND REPLACEMENT).

ABANDONMENT OF EXISTING WATER MAINS (TYP)
(INSTALL 8" PLUG OR CAP AND CONCRETE THRUST BLOCK ON 8" PIPE TO REMAIN.
(PAID FOR AS ABANDONMENT OF EXISTING WATER MAINS)



FIRE HYDRANTS
WM-FH7 STA. 114+59, 24' RT FIRE HYDRANT
WM-FH8 STA. 117+46, 24' RT FIRE HYDRANT

WATER MAIN FITTINGS (RJT)

- WM-F23 STA. 114+63, 23' RT 10" X 6" HYDRANT TEE
- WM-F24 STA. 117+50, 23' RT 10" X 6" HYDRANT TEE
- WM-F25 NOT USED
- WM-F26A STA. 116+48, 28' RT 6" - 45' BEND
- WM-F26B STA. 116+55, 35' RT 6" - 45' BEND
- WM-F27 STA. 116+55, 37' RT 6" SLEEVE

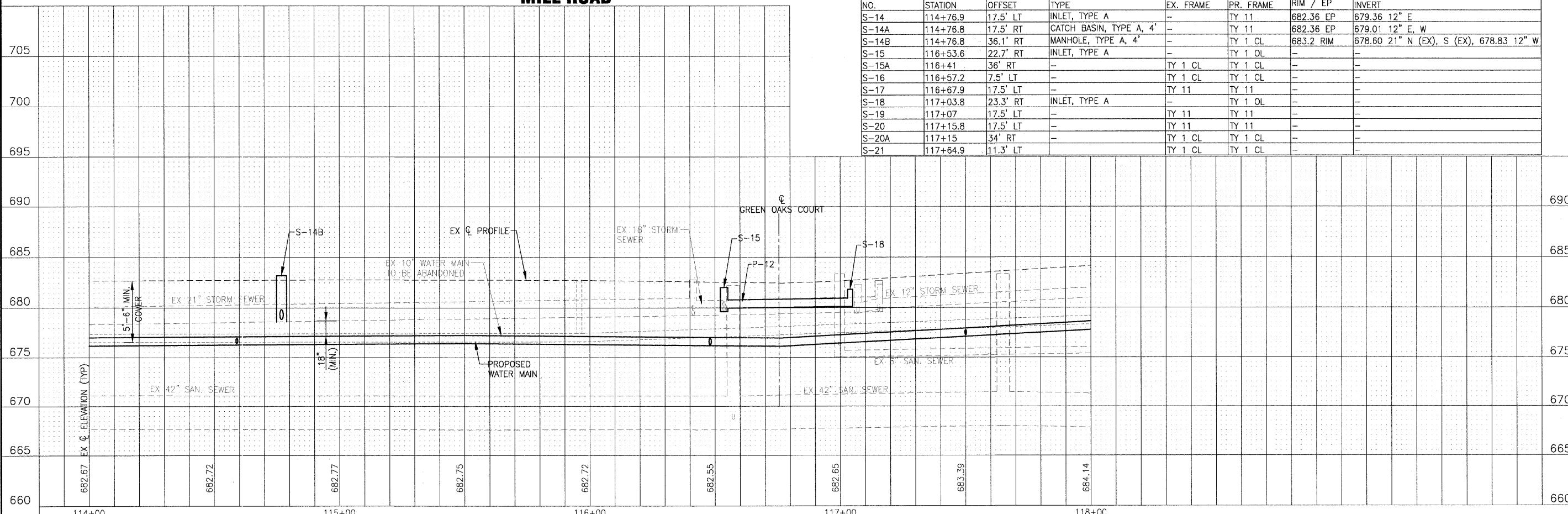
WATER MAIN VALVES

- WM-V8 STA. 116+28, 23' RT 10" GATE VALVE WITH 5' DIA VALVE VAULT
- WM-V9 NOT USED
- WM-V10 NOT USED
- WM-V11 STA. 116+48, 23' RT 10" x 6" TEE AND 6" GATE VALVE INSIDE 6' DIA VALVE VAULT
- WM-V12 NOT USED

NOTE: IN ACCORDANCE WITH 35 ILL. ADM. CODE 653.119 (b)(1)(C) - STORM SEWER PIPES P-11 AND P-12 SHALL BE PRESSURE TESTED TO 5 PSI (12 FEET) PRIOR TO BACKFILLING. MAXIMUM SURCHARGE LEVEL IS 3 FEET.

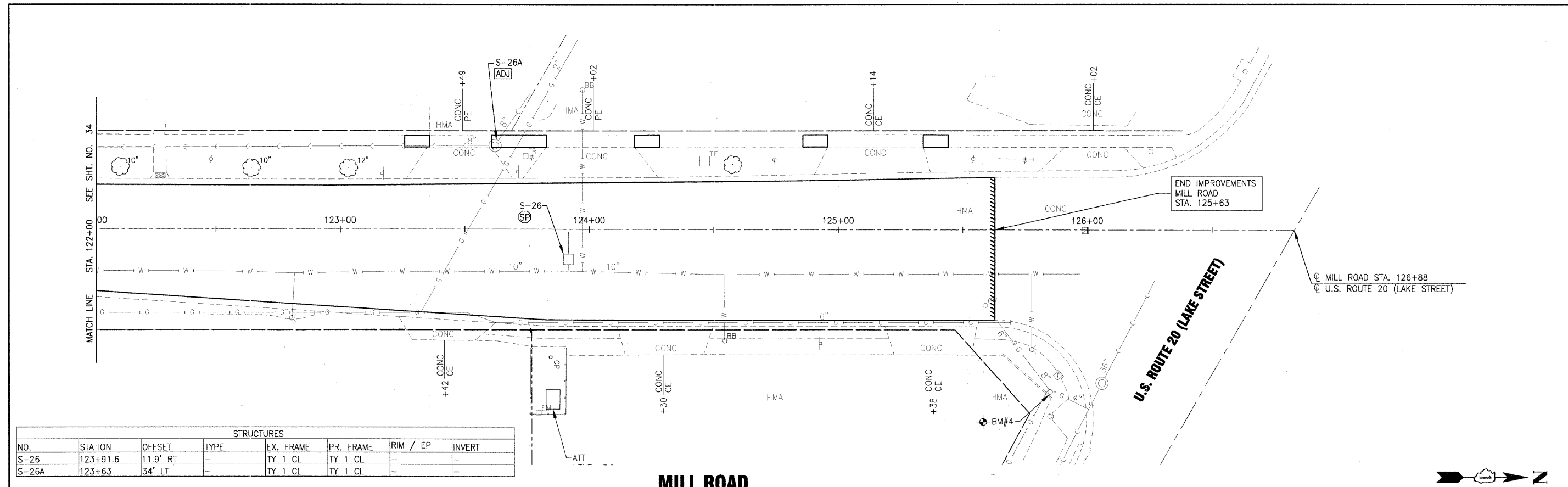
PIPES					
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)
P-9	STORM SEWER, CLASS A, TYPE 1	35	12	1.00%	12
P-10	STORM SEWER (WATER MAIN REQUIREMENTS)	18	12	1.00%	1
P-11	STORM SEWER (WATER MAIN REQUIREMENTS)	20	12	MATCH EX	4
P-12	STORM SEWER (WATER MAIN REQUIREMENTS)	48	12	MATCH EX	7
P-13	STORM SEWER (WATER MAIN REQUIREMENTS)	20	12	MATCH EX	5

STRUCTURES						
NO.	STATION	OFFSET	TYPE	EX. FRAME	PR. FRAME	RIM / EP INVERT
S-14	114+76.9	17.5' LT	INLET, TYPE A	-	TY 11	682.36 EP 679.36 12" E
S-14A	114+76.8	17.5' RT	CATCH BASIN, TYPE A, 4'	-	TY 11	682.36 EP 679.01 12" E, W
S-14B	114+76.8	36.1' RT	MANHOLE, TYPE A, 4'	-	TY 1 CL	683.2 RIM 678.60 21" N (EX), S (EX), 678.83 12" W
S-15	116+53.6	22.7' RT	INLET, TYPE A	-	TY 1 OL	-
S-15A	116+41	36' RT	-	TY 1 CL	TY 1 CL	-
S-16	116+57.2	7.5' LT	-	TY 1 CL	TY 1 CL	-
S-17	116+67.9	17.5' LT	-	TY 11	TY 11	-
S-18	117+03.8	23.3' RT	INLET, TYPE A	-	TY 1 OL	-
S-19	117+07	17.5' LT	-	TY 11	TY 11	-
S-20	117+15.8	17.5' LT	-	TY 11	TY 11	-
S-20A	117+15	34' RT	-	TY 1 CL	TY 1 CL	-
S-21	117+64.9	11.3' LT	-	TY 1 CL	TY 1 CL	-

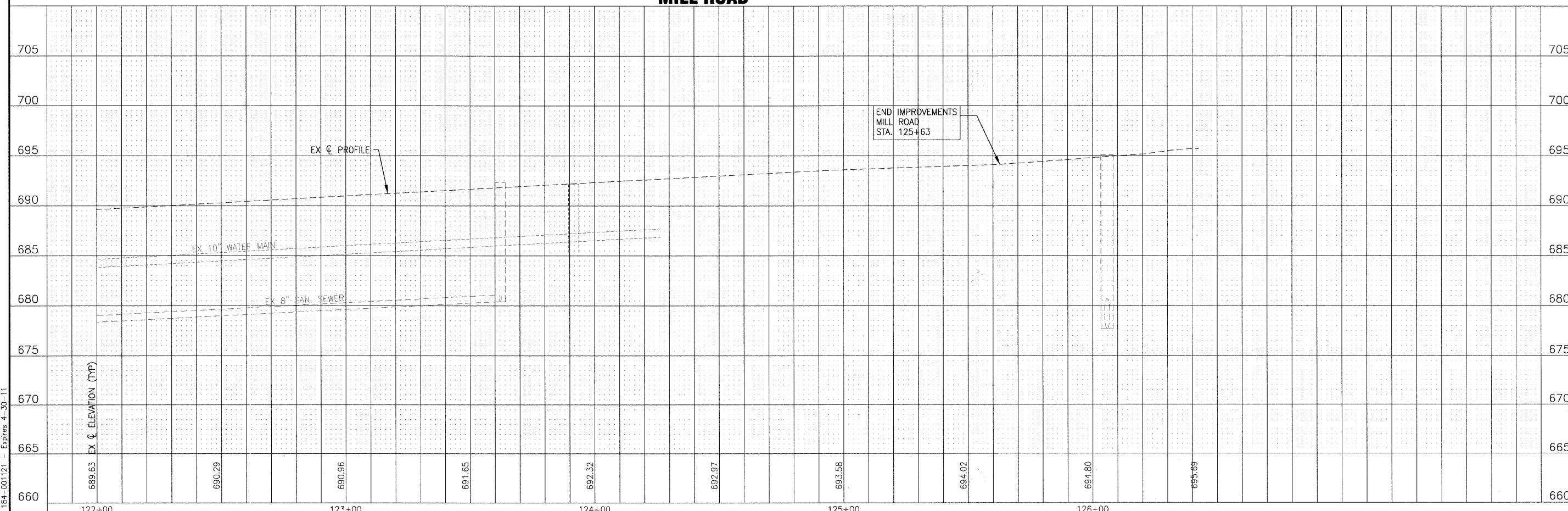


	DESIGNED - JJS	REVISED - VILLAGE REVIEW 9-08-09	VILLAGE OF ADDISON, ILLINOIS MILL ROAD AND ARMY TRAIL BOULEVARD STP IMPROVEMENTS	DRAINAGE AND UTILITY MILL ROAD	*3884 ARMY TRAIL BLVD. *2625 MILL ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09				*	09-00098-00-RS	DuPage	69	33
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09					C-91-056-10	CONTRACT NO. 63427			
DATE - 8-19-09	REVISED - PER EPA REVIEW 12-07-09					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)		

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STRUCTURES							
NO.	STATION	OFFSET	TYPE	EX. FRAME	PR. FRAME	RIM / EP	INVERT
S-26	123+91.6	11.9' RT	-	TY 1 CL	TY 1 CL	-	-
S-26A	123+63	34' LT	-	TY 1 CL	TY 1 CL	-	-



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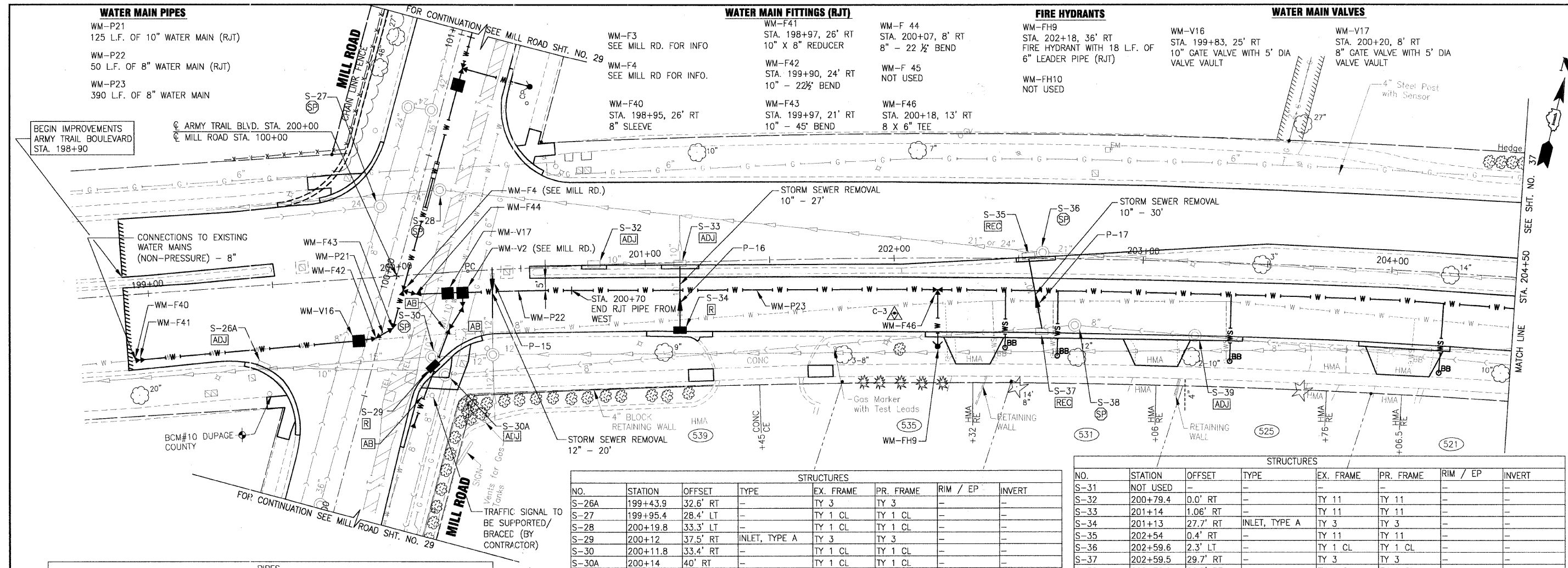


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CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

DRAINAGE AND UTILITY
MILL ROAD
 *3884 ARMY TRAIL BLVD.
 *2625 MILL ROAD
 SCALE: HORIZ. 1"=20' / VERT. 1"=5'
 PROJECT NO: 070142 STA. 122+00 TO STA. 125+63

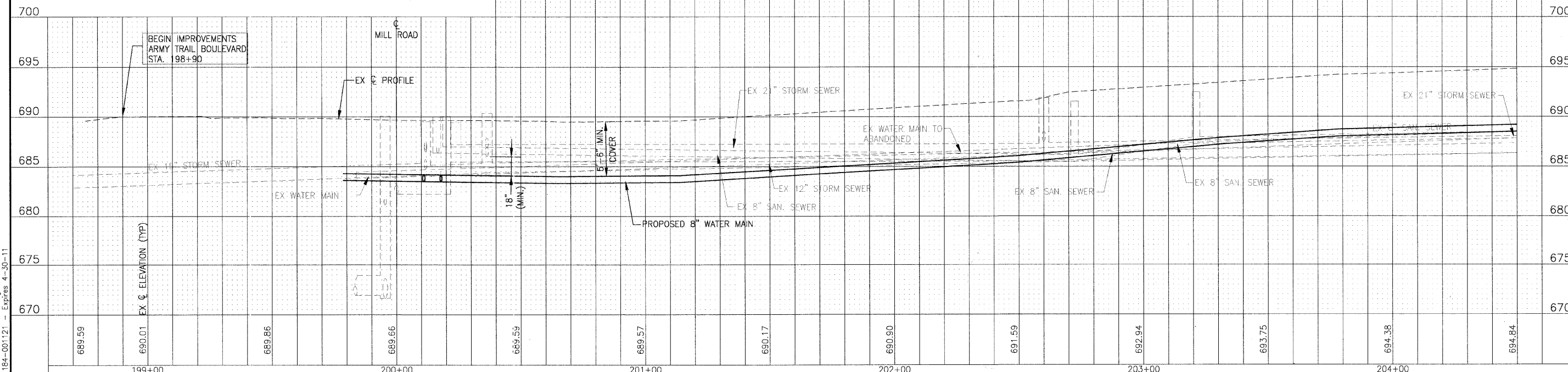
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	35
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)				



PIPES						
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)	
P-15	STORM SEWER (WATER MAIN REQUIREMENTS)	20	12	MATCH EX	13	
P-16	STORM SEWER (WATER MAIN REQUIREMENTS)	27	10	MATCH EX	9	
P-17	STORM SEWER (WATER MAIN REQUIREMENTS)	30	10	MATCH EX	6	

STRUCTURES							
NO.	STATION	OFFSET	TYPE	EX. FRAME	PR. FRAME	RIM / EP	INVERT
S-26A	199+43.9	32.6' RT	-	TY 3	TY 3	-	-
S-27	199+95.4	28.4' LT	-	TY 1 CL	TY 1 CL	-	-
S-28	200+19.8	33.3' LT	-	TY 1 CL	TY 1 CL	-	-
S-29	200+12	37.5' RT	INLET, TYPE A	TY 3	TY 3	-	-
S-30	200+11.8	33.4' RT	-	TY 1 CL	TY 1 CL	-	-
S-30A	200+14	40' RT	-	TY 1 CL	TY 1 CL	-	-

STRUCTURES							
NO.	STATION	OFFSET	TYPE	EX. FRAME	PR. FRAME	RIM / EP	INVERT
S-31	NOT USED	-	-	-	-	-	-
S-32	200+79.4	0.0' RT	-	TY 11	TY 11	-	-
S-33	201+14	1.06' RT	-	TY 11	TY 11	-	-
S-34	201+13	27.7' RT	INLET, TYPE A	TY 3	TY 3	-	-
S-35	202+54	0.4' RT	-	TY 11	TY 11	-	-
S-36	202+59.6	2.3' LT	-	TY 1 CL	TY 1 CL	-	-
S-37	202+59.5	29.7' RT	-	TY 3	TY 3	-	-
S-38	202+72.9	26.5' RT	-	TY 1 CL	TY 1 CL	-	-
S-39	203+21.6	29.6' RT	-	TY 1 CL	TY 1 CL	-	-



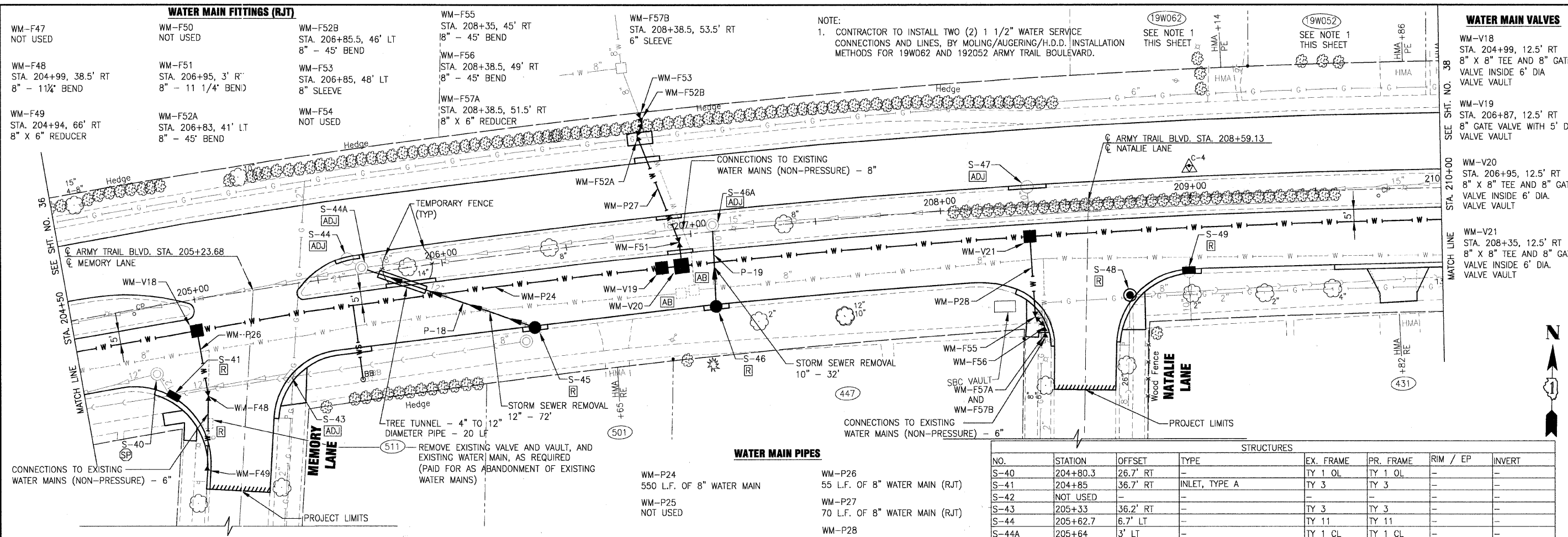
**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**



DESIGNED - JJS	REVISED - VILLAGE REVIEW 9-08-09
DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
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DATE - 8-19-09	REVISED - VILLAGE REVIEW 12-07-09

DRAINAGE AND UTILITY	*3884 ARMY TRAIL BLVD.	F.A.U. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ARMY TRAIL BOULEVARD	*2625 MILL ROAD	*	09-00098-00-RS	DuPage	69	36
SCALE: HORIZ. 1"=20' / VERT. 1"=5'		PROJECT NO: 070142		STA. 198+50 TO STA. 204+50		CONTRACT NO. 63427
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)						

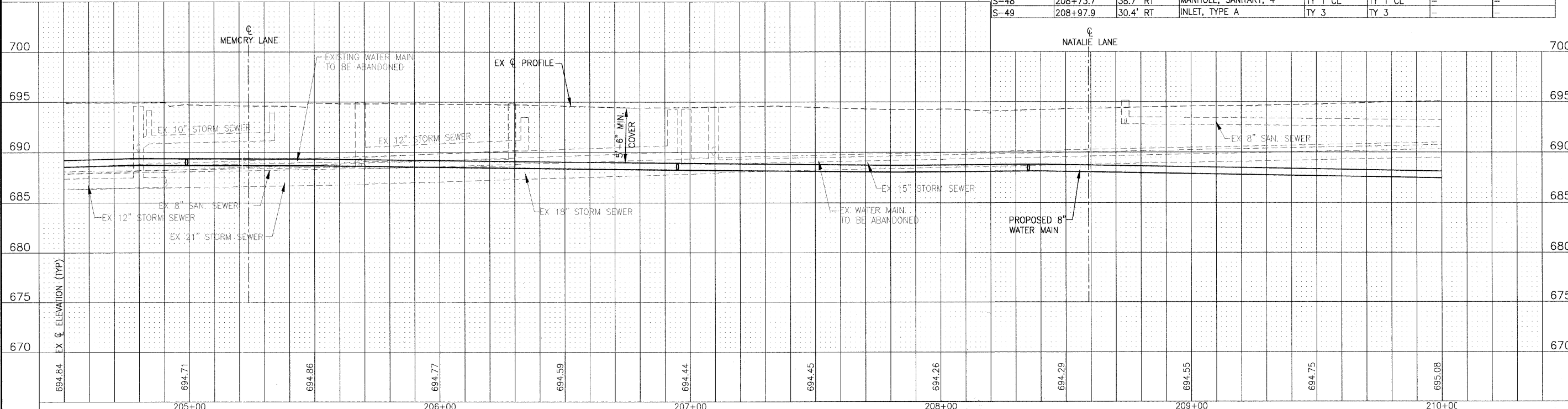
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PIPES

NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)
P-18	STORM SEWER (WATER MAIN REQUIREMENTS)	72	12	MATCH EX	38
P-19	STORM SEWER (WATER MAIN REQUIREMENTS)	32	10	MATCH EX	10

ARMY TRAIL BOULEVARD



VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

DRAINAGE AND UTILITY
ARMY TRAIL BOULEVARD
 *3884 ARMY TRAIL BLVD.
 *2625 MILL ROAD

SCALE: HORIZ. 1"=20' / VERT. 1"=5' PROJECT NO: 070142 STA. 204+50 TO STA. 210+00

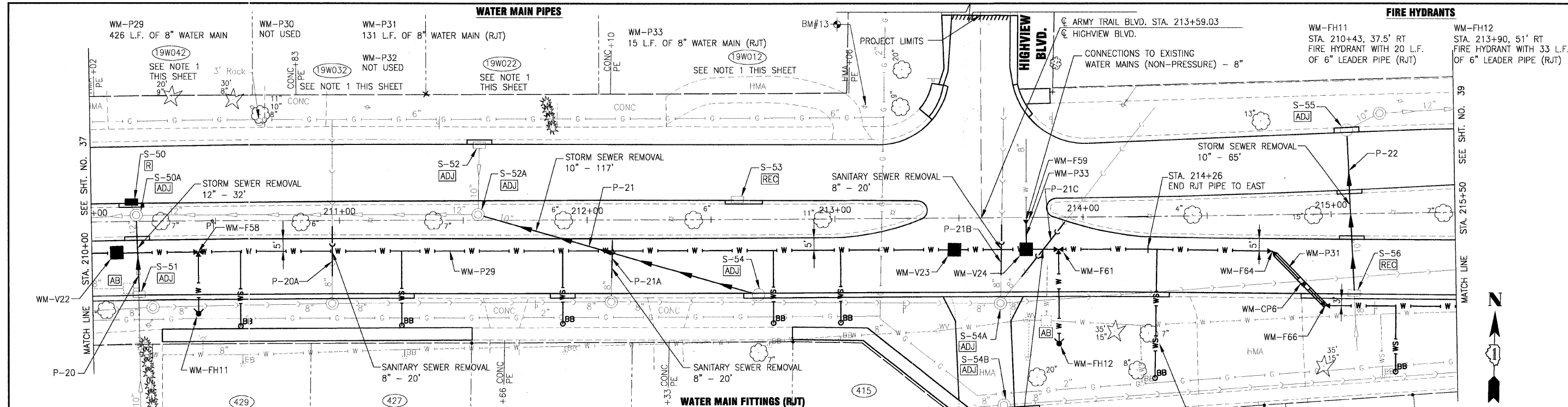
DESIGNED - JJS
 DRAWN - UKB
 CHECKED - SMV
 DATE - 8-19-09

REVISED - VILLAGE REVIEW 9-08-09
 REVISED - VILLAGE REVIEW 11-05-09
 REVISED - IDOT REVIEW 11-17-09
 REVISED - VILLAGE REVIEW 12-07-09

SECTION 09-00098-00-RS
 COUNTY DuPage
 TOTAL SHEETS 69
 SHEET NO. 37

CONTRACT NO. 63427
 FED. ROAD DIST. NO. 1 ILLINOIS
 FED. AID PROJECT M-9003 (474)

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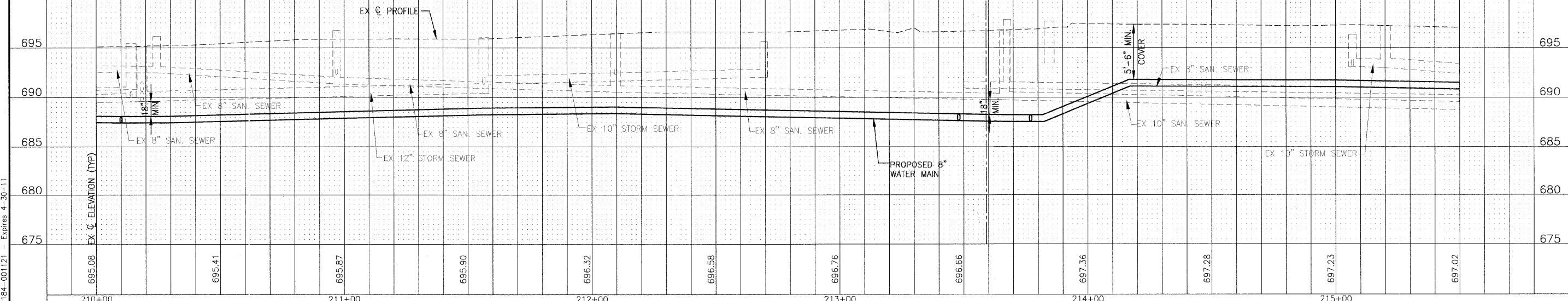
STRUCTURES						
NO.	STATION	OFFSET	TYPE	EX. FRAME	PR. FRAME	RIM / EP
S-50	210+14.5	12.7' LT	INLET, TYPE A	TY 11	TY 11	-
S-50A	210+15	5' LT	-	TY 1 CL	TY 1 CL	-
S-51	210+18.9	29.8' RT	-	TY 3	TY 3	-
S-52	211+56.7	30.4' LT	-	TY 3	TY 3	-
S-52A	211+57	3' LT	-	TY 1 CL	TY 1 CL	-
S-53	212+60.7	7.8' LT	-	TY 11	TY 11	-
S-54	212+69	30.5' RT	-	TY 3	TY 3	-
S-54A	213+67	35' RT	-	TY 1 CL	TY 1 CL	-
S-54B	213+69	75' RT	-	TY 1 CL	TY 1 CL	-
S-55	215+06.7	33.5' LT	-	TY 3	TY 3	-
S-56	215+08.8	32.5' RT	-	TY 3	TY 3	-

PIPES						
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)	
P-20	STORM SEWER (WATER MAIN REQUIREMENTS)	32	12	MATCH EX	12	
P-20A	SANITARY SEWER (WATER MAIN REQUIREMENTS)	20	8	MATCH EX	10	
P-21	STORM SEWER (WATER MAIN REQUIREMENTS)	117	10	MATCH EX	38	
P-21A	SANITARY SEWER (WATER MAIN REQUIREMENTS)	20	8	MATCH EX	10	
P-21B	SANITARY SEWER (WATER MAIN REQUIREMENTS)	20	8	MATCH EX	10	
P-21C	SANITARY SEWER (WATER MAIN REQUIREMENTS)	28	8	MATCH EX	14	
P-22	STORM SEWER, CLASS A, TYPE 1	65	10	MATCH EX	12	

WATER MAIN FITTINGS (RJT)		
WM-F58	STA. 210+43, 12.5' RT	8" X 6" TEE
WM-F59	STA. 213+77, 3' RT	8" SLEEVE
WM-F60	NOT USED	
WM-F61	STA. 213+90, 13' RT	8" X 6" TEE
WM-F62	NOT USED	
WM-F63	NOT USED	
WM-F64	STA. 214+76, 24.7' RT	8" - 45' BEND
WM-F65	NOT USED	
WM-F66	STA. 214+97, 37' RT	8" - 45' BEND

ARMY TRAIL BOULEVARD

NOTES:
 1. CONTRACTOR TO INSTALL FOUR (4) 1 1/2" WATER SERVICE CONNECTIONS AND LINES, BY MOLING/AUGERING/H.D.D. INSTALLATION METHODS FOR 19W042, 19W032, 19W022, AND 19W012 ARMY TRAIL BOULEVARD.

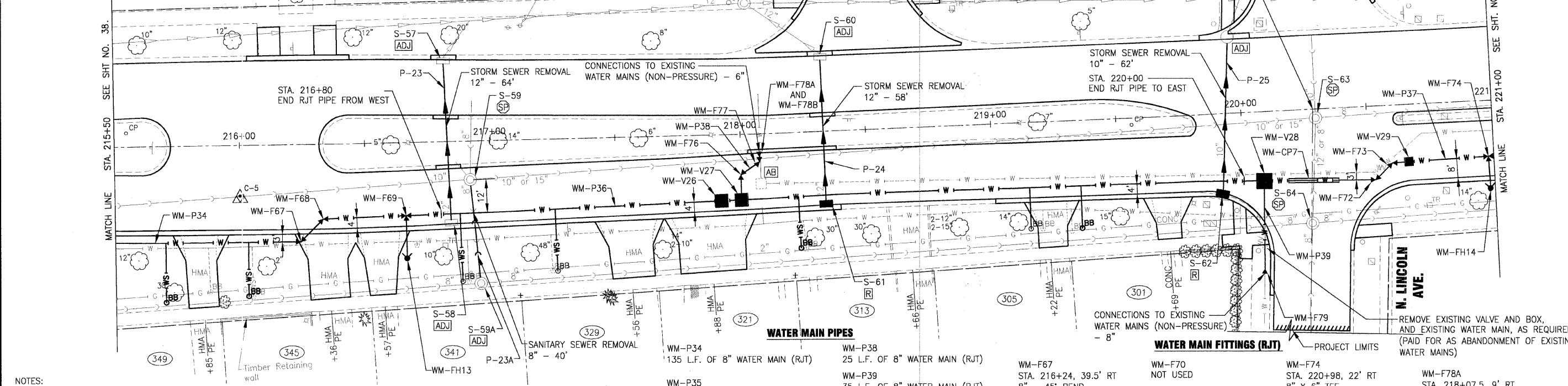


	DESIGNED - JJS	REVISED - VILLAGE REVIEW 9-08-09	VILLAGE OF ADDISON, ILLINOIS MILL ROAD AND ARMY TRAIL BOULEVARD STP IMPROVEMENTS	DRAINAGE AND UTILITY ARMY TRAIL BOULEVARD	*3884 ARMY TRAIL BLVD. *2625 MILL ROAD	F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09				C-91-056-10	09-00098-00-RS	DuPage	69	38
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09	SCALE: HORIZ. 1"=20' / VERT. 1"=5'				PROJECT NO: 070142 STA. 210+00 TO STA. 215+50		CONTRACT NO. 63427		
DATE - 8-19-09	REVISED -	FED. ROAD DIST. NO. 1				ILLINOIS		FED. AID PROJECT W-9003 (474)		

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STRUCTURES							
NO.	STATION	OFFSET	TYPE	EX. FRAME	PR. FRAME	RIM / EP	INVERT
S-57	216+82	32.8' LT		TY 3	TY 3		
S-58	216+83	32.8' RT		TY 3	TY 3		
S-59	216+91.9	15.3' RT		TY 1 CL	TY 1 CL		
S-59A	216+92	56' RT		TY 1 CL	TY 1 CL		
S-60	218+33	30.2' LT		TY 9	TY 9		
S-61	218+33	29' RT	INLET, TYPE A	TY 3	TY 3		
S-62	219+91.3	31.4' RT	INLET, TYPE A	TY 3	TY 3		
S-63	220+29.7	3.5' RT		TY 1 CL	TY 1 CL		
S-64	220+26	45.4' RT		TY 1 CL	TY 1 CL		

- FIRE HYDRANTS**
- WM-FH13
STA. 216+64.5, 45.5' RT
FIRE HYDRANT WITH 12 L.F. OF 6" LEADER PIPE
 - WM-FH14
STA. 220+98, 35' RT
FIRE HYDRANT WITH 8 L.F. OF 6" LEADER PIPE
 - WM-FH15
NOT USED
- WATER MAIN VALVES**
- WM-V26
STA. 217+92, 26' RT
8" GATE VALVE WITH 5' DIA. VALVE VAULT
 - WM-V27
STA. 218+00, 26' RT
8" X 8" TEE AND 8" GATE VALVE INSIDE 6' DIA. VALVE VAULT
 - WM-V28
STA. 219+82, 26.5' RT
8" X 8" TEE AND 8" GATE VALVE INSIDE 6' DIA. VALVE VAULT
 - WM-V29
STA. 220+66, 22.5' RT
8" GATE VALVE WITH 5' DIA. VALVE VAULT
 - WM-V30
NOT USED



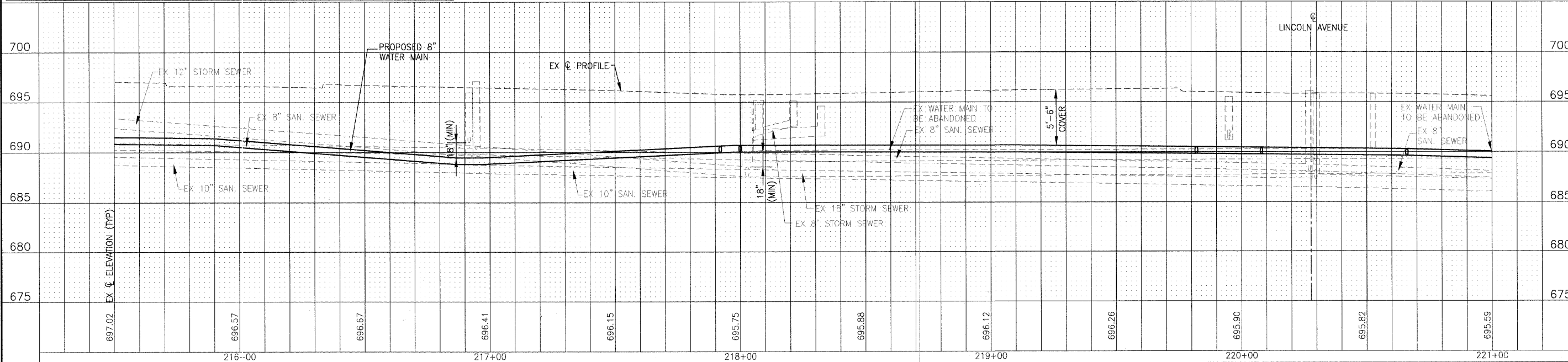
NOTES:
1. MOLE/AUGER SERVICE LINES BEYOND TREES AND/OR MINIMIZE EXCAVATION AROUND TREES.

PIPES						
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)	
P-23	STORM SEWER (WATER MAIN REQUIREMENTS)	64	12	MATCH EX	11	
P-23A	SANITARY SEWER (WATER MAIN REQUIREMENTS)	40	8	MATCH EX	20	
P-24	STORM SEWER (WATER MAIN REQUIREMENTS)	58	12	MATCH EX	11	
P-25	STORM SEWER (WATER MAIN REQUIREMENTS)	62	10	MATCH EX	14	

WATER MAIN CASING PIPE
WM-CP7
20 L.F. OF 20" PVC CASING PIPE
INSTALLED IN OPEN CUT TRENCH

- WATER MAIN PIPES**
- WM-P34
135 L.F. OF 8" WATER MAIN (RJT)
 - WM-P35
NOT USED
 - WM-P36
320 L.F. OF 8" WATER MAIN
 - WM-P37
102 L.F. OF 8" WATER MAIN (RJT)
 - WM-P38
25 L.F. OF 8" WATER MAIN (RJT)
 - WM-P39
35 L.F. OF 8" WATER MAIN (RJT)
 - WM-P40
NOT USED
- WATER MAIN FITTINGS (RJT)**
- WM-F67
STA. 216+24, 39.5' RT
8" - 45' BEND
 - WM-F68
STA. 216+33, 29.5' RT
8" - 45' BEND
 - WM-F69
STA. 216+66, 29' RT
8" X 6" TEE
 - WM-F70
NOT USED
 - WM-F71
NOT USED
 - WM-F72
STA. 220+52.5, 29.5' RT
8" - 45' BEND
 - WM-F73
STA. 220+59.5, 23' RT
8" - 45' BEND
 - WM-F74
STA. 220+98, 22' RT
8" X 6" TEE
 - WM-F75
NOT USED
 - WM-F76
STA. 218+00, 16' RT
8" - 45' BEND
 - WM-F77
STA. 218+07.5, 11' RT
8" - 45' BEND
 - WM-F78A
STA. 218+07.5, 9' RT
8" X 6" REDUCER
 - WM-F78B
STA. 218+07.5, 7' RT
6" SLEEVE
 - WM-F79
STA. 220+06.5, 62.5' RT
8" SLEEVE

ARMY TRAIL BOULEVARD



DESIGNED - JWS	REVISED - VILLAGE REVIEW 9-08-09
DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED - VILLAGE REVIEW 12-07-09

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

DRAINAGE AND UTILITY		*3884 ARMY TRAIL BLVD.		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*2625 MILL ROAD		*	09-00098-00-RS	DuPage	69	39
				C-91-056-10	CONTRACT NO. 63427			
		SCALE: HORIZ. 1"=20' / VERT. 1"=5'		PROJECT NO: 070142		STA. 215+50 TO STA. 221+00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)

I:\ADDISON\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWGS\070142-ARMY-TR-WM-PRE.DWG PP39
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STRUCTURES							
NO.	STATION	OFFSET	TYPE	EX. FRAME	PR. FRAME	RIM / EP	INVERT
S-65	221+50.3	30.5' LT		TY 3	TY 3		
S-66	221+43	30' RT		TY 3	TY 3		
S-66A	222+30	41' RT		TY 1 CL	TY 1 CL		
S-67	223+50.8	24.9' RT		TY 1 CL	TY 1 CL		
S-67A	223+27.4	30.2' RT	CATCH BASIN, TYPE A, 4'			694.5 EP	691.7 8" NE, 693.0± 8" S
S-67B	223+27	59' RT		TY 1 CL	TY 1 CL		
S-68	224+02	10.3' RT		TY 1 CL	TY 1 CL		690.5 8" SW
S-69	224+08.6	6.9' RT		TY 11	TY 11		
S-70	224+16.3	29.9' LT		TY 3	TY 3		

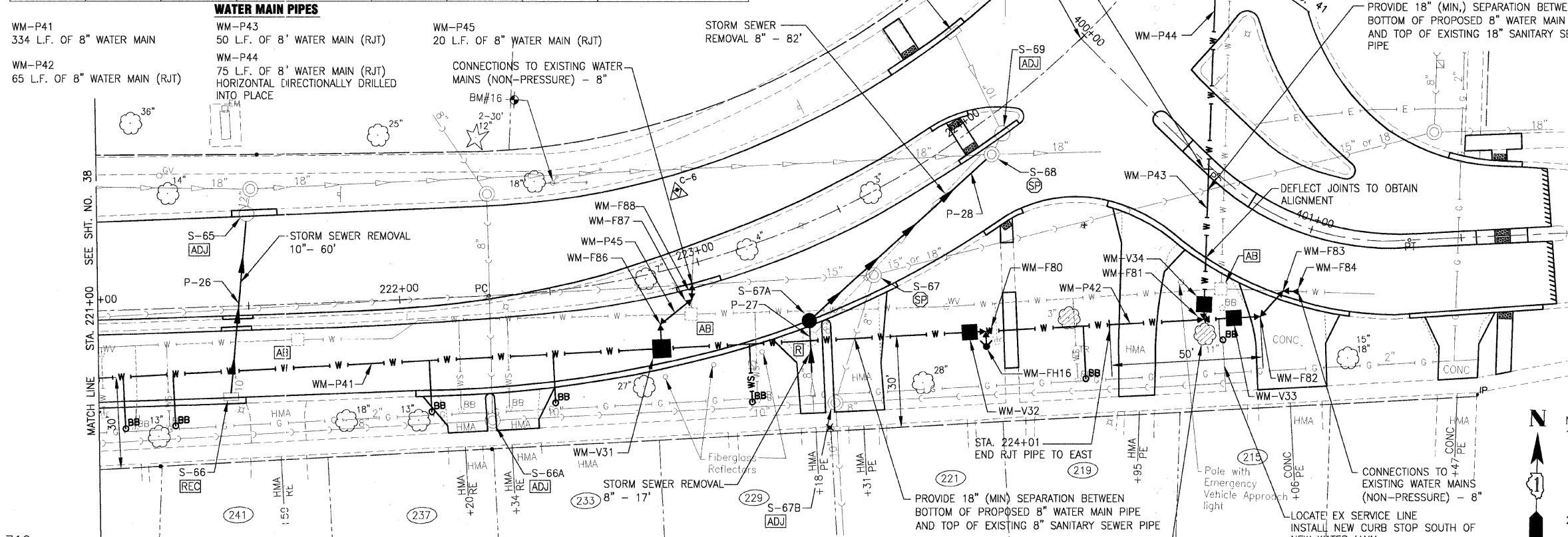
WATER MAIN PIPES	
WM-P41 334 L.F. OF 8" WATER MAIN	WM-P43 50 L.F. OF 8" WATER MAIN (RJT)
WM-P42 65 L.F. OF 8" WATER MAIN (RJT)	WM-P44 75 L.F. OF 8" WATER MAIN (RJT) HORIZONTAL DIRECTIONALLY DRILLED INTO PLACE
	WM-P45 20 L.F. OF 8" WATER MAIN (RJT)

STA. 224+48 END RJT PIPE FROM SOUTH AND BEGIN H.D.D. INSTALLED WATER MAIN TO NORTH
 JOHN F. KENNEDY DRIVE STA. 224+43.51
 ARMY TRAIL BLVD. STA. 400+00.00

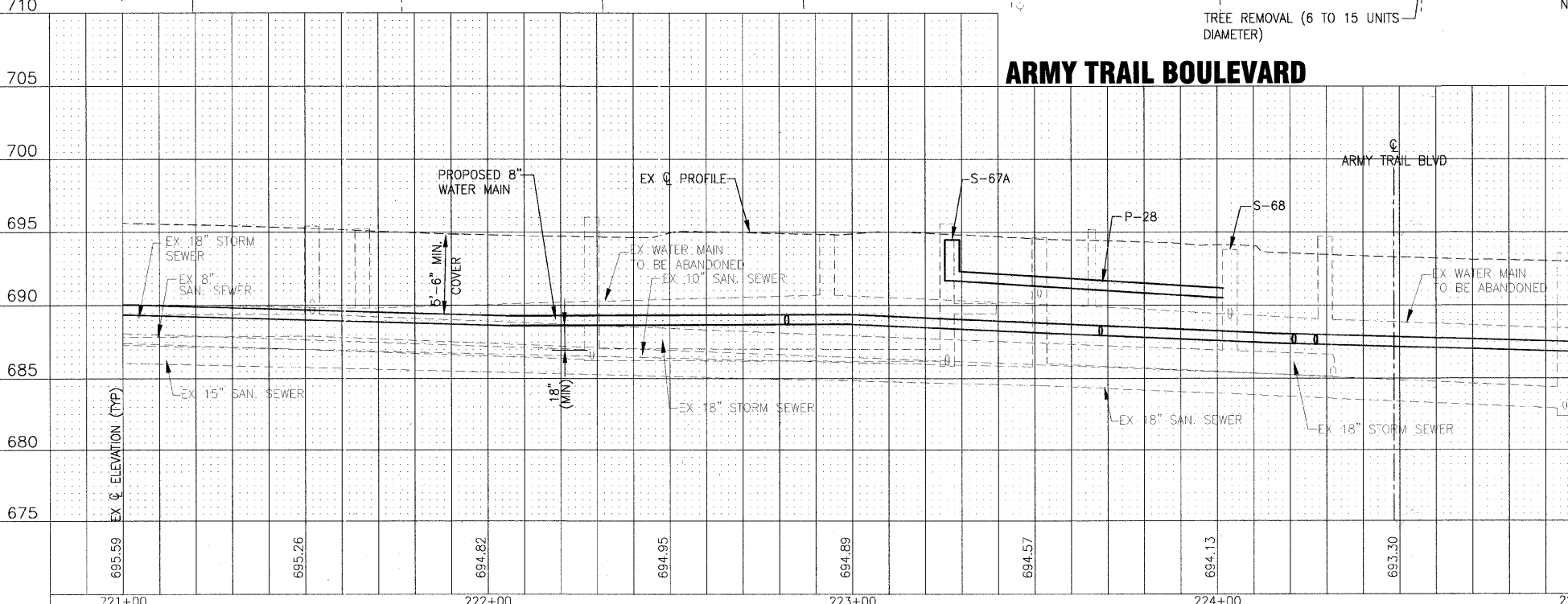
WATER MAIN FITTINGS (RJT)			
WM-F80 STA. 223+72, 58.5' RT 8" X 6" TEE	WM-F81 STA. 224+21, 96.5' RT 8" X 8" TEE	WM-F84 STA. 224+43, 110' RT 8" SLEEVE	WM-F87 STA. 224+95, 11.5' RT 8" - 45' BEND
WM-F82 STA. 224+32, 108' RT 8" - 45' BEND	WM-F83 STA. 224+40.5, 106.5' RT 8" - 45' BEND	WM-F85 NOT USED	WM-F88 STA. 222+95, 8.5' RT 8" SLEEVE
		WM-F86 STA. 222+83, 17' RT 8" - 45' BEND	

WATER MAIN VALVES	
WM-V31 STA. 222+82, 25' RT 8" X 8" TEE AND 8" GATE VALVE INSIDE 6' DIA. VALVE VAULT	WM-V33 STA. 224+27, 102.5' RT 8" GATE VALVE WITH 5' DIA. VALVE VAULT
WM-V32 STA. 223+68, 56' RT 8" GATE VALVE WITH 5' DIA. VALVE VAULT	WM-V34 STA. 224+23.5, 93' RT 8" GATE VALVE WITH 5' DIA. VALVE VAULT
	WM-V35 NOT USED

FIRE HYDRANTS	
WM-FH16 STA. 223+70, 63' RT	FIRE HYDRANT



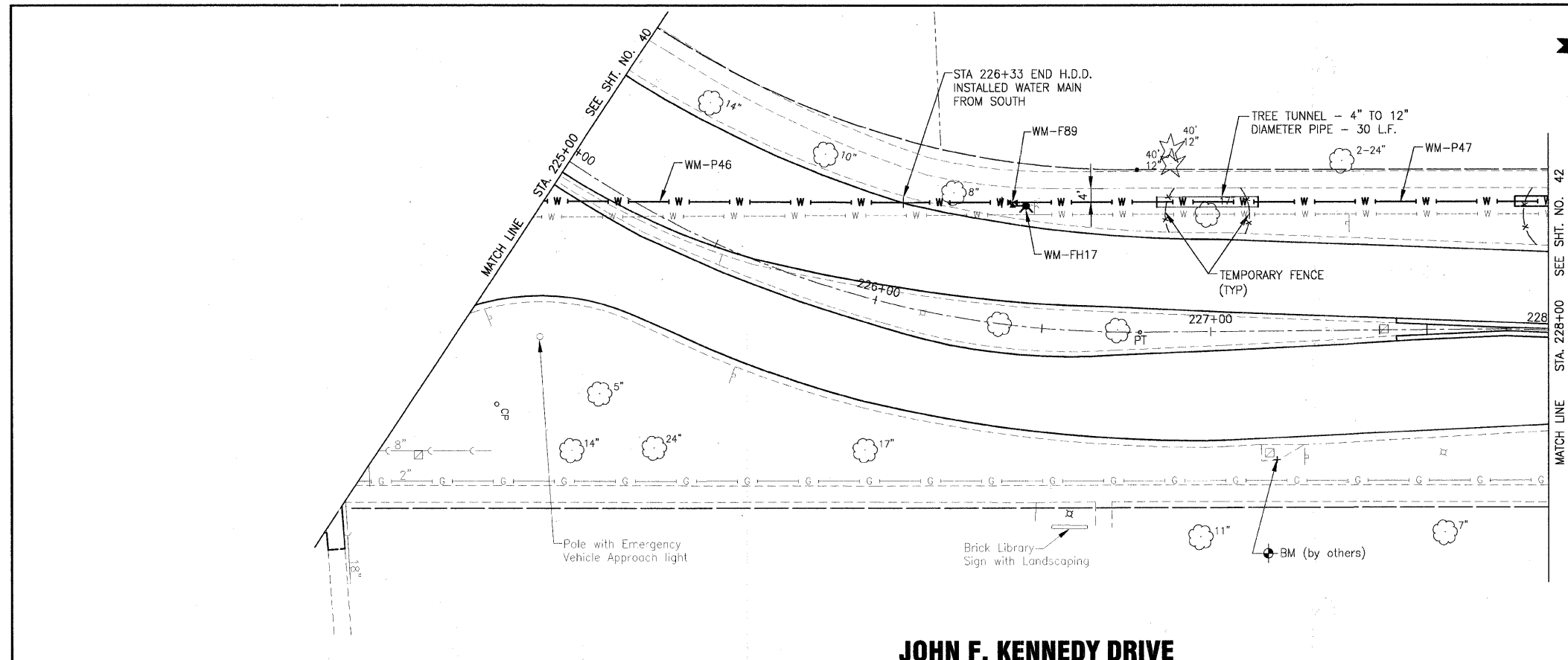
- NOTES:
- THE 3" TREE SHOWN TO BE REMOVED AND REPLACED ON THIS SHEET SHALL BE CAREFULLY EXCAVATED, TEMPORARILY STORED, AND REPLANTED IN ITS EXISTING LOCATION. ALTERNATIVELY, THE CONTRACTOR MAY REMOVE THE TREE AND REPLACE WITH A TREE OF THE SAME SPECIES AND SIZE.
 - THE 11" TREE SHOWN TO BE REMOVED SHALL BE REPLACED WITH A 3" CALIPER TREE OF A SPECIES SELECTED BY THE VILLAGE OF ADDISON. (PAID FOR AS TREE, ACER X FREEMANII AUTUMN BLAZE (AUTUMN BLAZE FREEMAN MAPLE), 3" CALIPER, BALLED AND BURLAPPED)



PIPES					
NO.	TYPE	LENGTH (LF)	DIA (IN)	SLOPE	TBF (CY)
P-26	STORM SEWER (WATER MAIN REQUIREMENTS)	60	10	MATCH EX	14
P-27	STORM SEWER (WATER MAIN REQUIREMENTS)	17	8	MATCH EX	3
P-28	STORM SEWER, CLASS A, TYPE 1	81	8	1.48%	21

	DESIGNED - JJS	REVISED - VILLAGE REVIEW 9-08-09	VILLAGE OF ADDISON, ILLINOIS MILL ROAD AND ARMY TRAIL BOULEVARD STP IMPROVEMENTS	DRAINAGE AND UTILITY ARMY TRAIL BOULEVARD *3884 ARMY TRAIL BLVD. *2625 MILL ROAD	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09			09-00098-00-RS	DuPage	69	40	
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09	SCALE: HORIZ. 1"=20' / VERT. 1"=5'		PROJECT NO: 070142 STA. 221+00 TO STA. 225+00		CONTRACT NO. 63427		ILLINOIS FED. AID PROJECT M-9003 (474)	
DATE - 8-19-09	REVISED -								

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SEE SHT. NO. 40
SEE SHT. NO. 42

WATER MAIN PIPES

- WM-P46
136 L.F. OF 8" WATER MAIN (RJT)
HORIZONTAL DIRECTIONALLY DRILLED
INTO PLACE
- WM-P47
161 L.F. OF 8" WATER MAIN

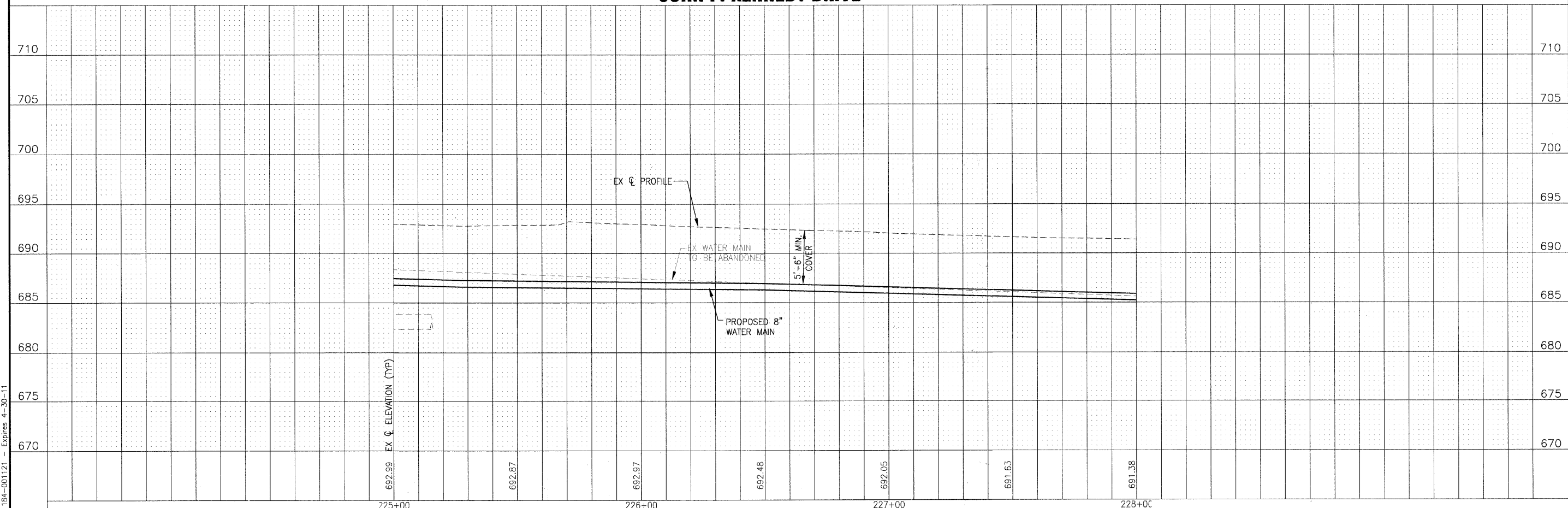
FIRE HYDRANTS

- WM-FH17
STA. 226+40, 35.5' LT
FIRE HYDRANT

WATER MAIN FITTINGS (RJT)

- WM-F89
STA. 226+36.5, 36' LT
8" X 6" HYDRANT TEE
- WM-F90
NOT USED

JOHN F. KENNEDY DRIVE



I:\ADDON\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWGS\070142-ARMY-TR-WM-PREF.DWG PP41
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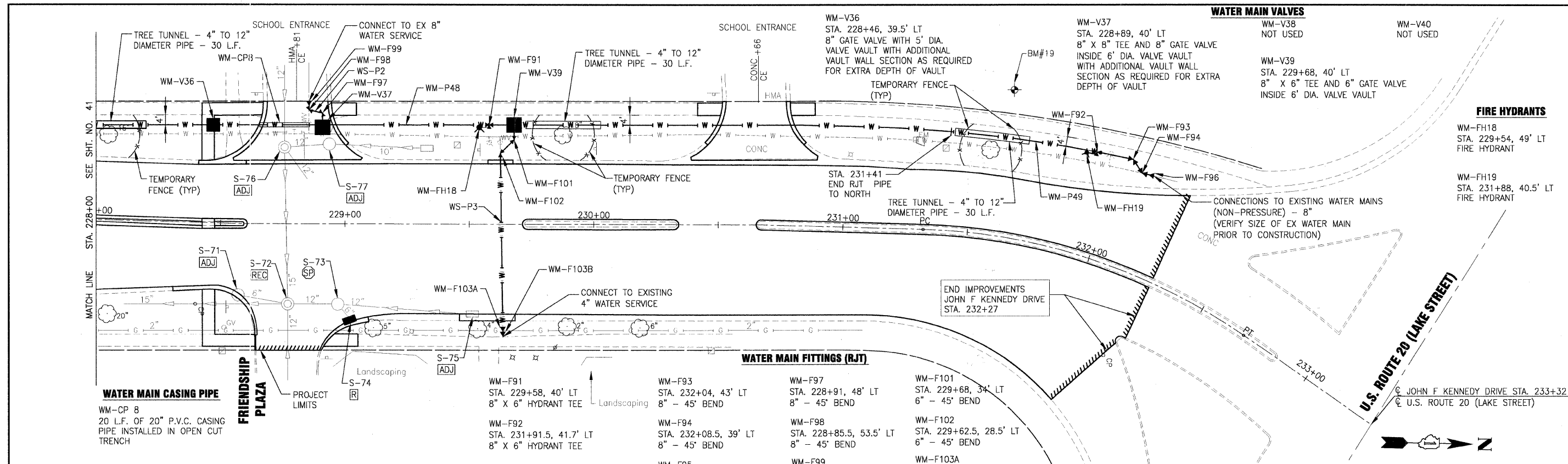


DESIGNED - JJS	REVISED - VILLAGE REVIEW 9-08-09
DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

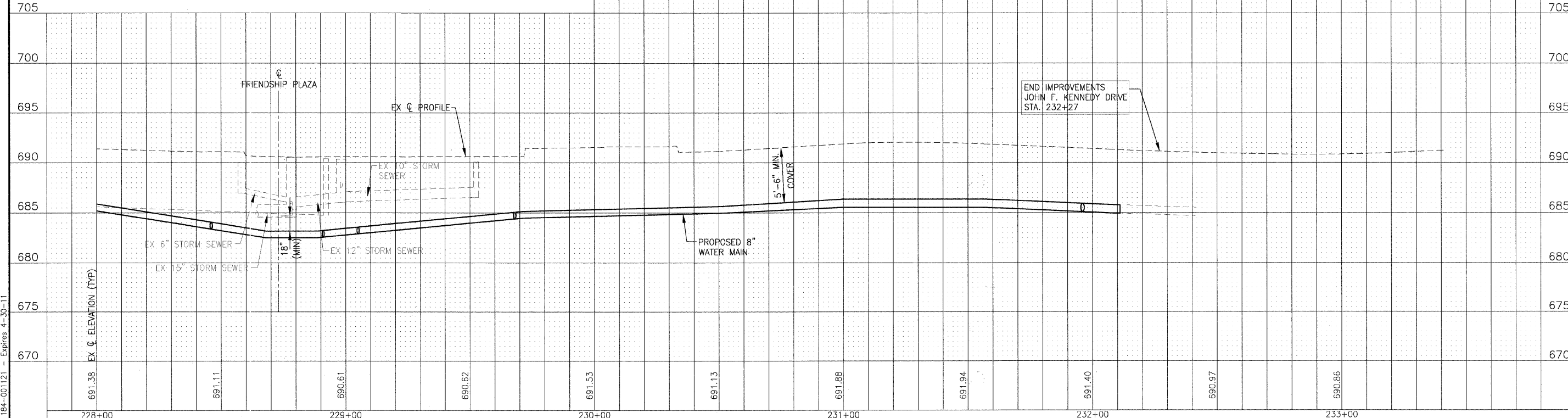
**DRAINAGE AND UTILITY
JOHN F KENNEDY DRIVE**
 *3884 ARMY TRAIL BLVD.
 *2625 MILL ROAD
 SCALE: HORIZ. 1"=20' / VERT. 1"=5'
 PROJECT NO: 070142 STA. 225+00 TO STA. 228+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	41
C-91-056-10	CONTRACT NO. 63427		ILLINOIS FED. AID PROJECT M-9003 (474)	



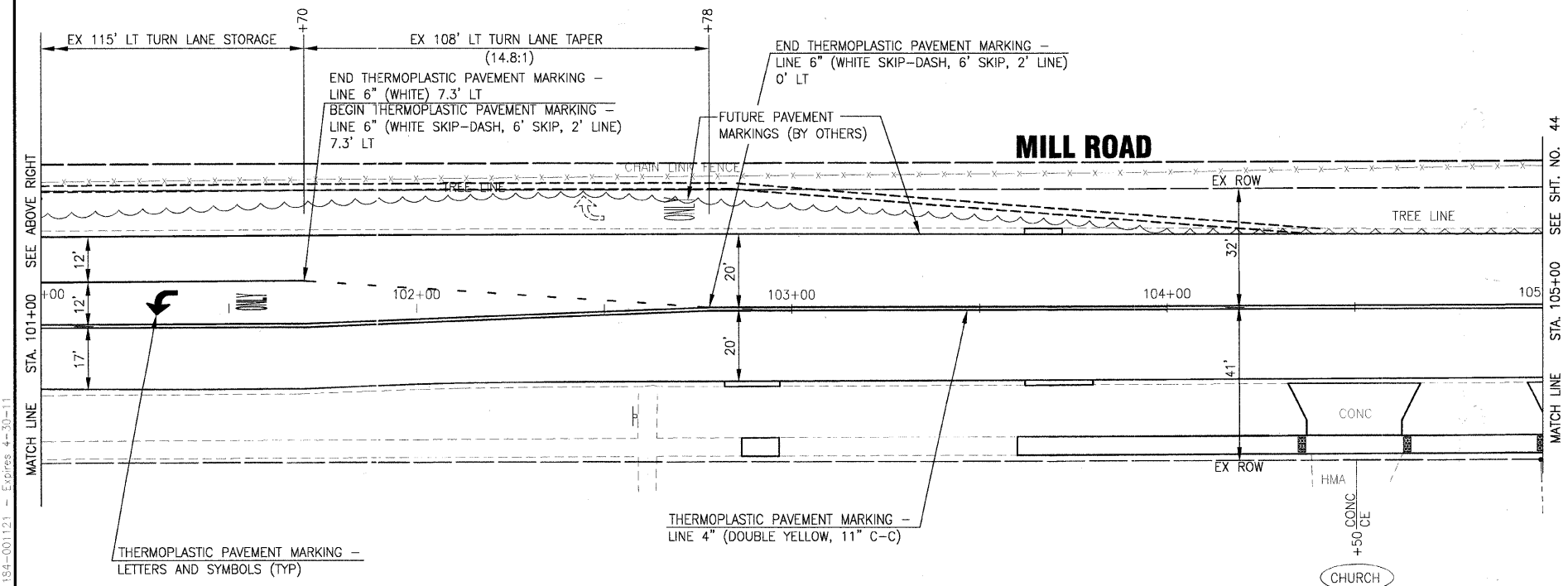
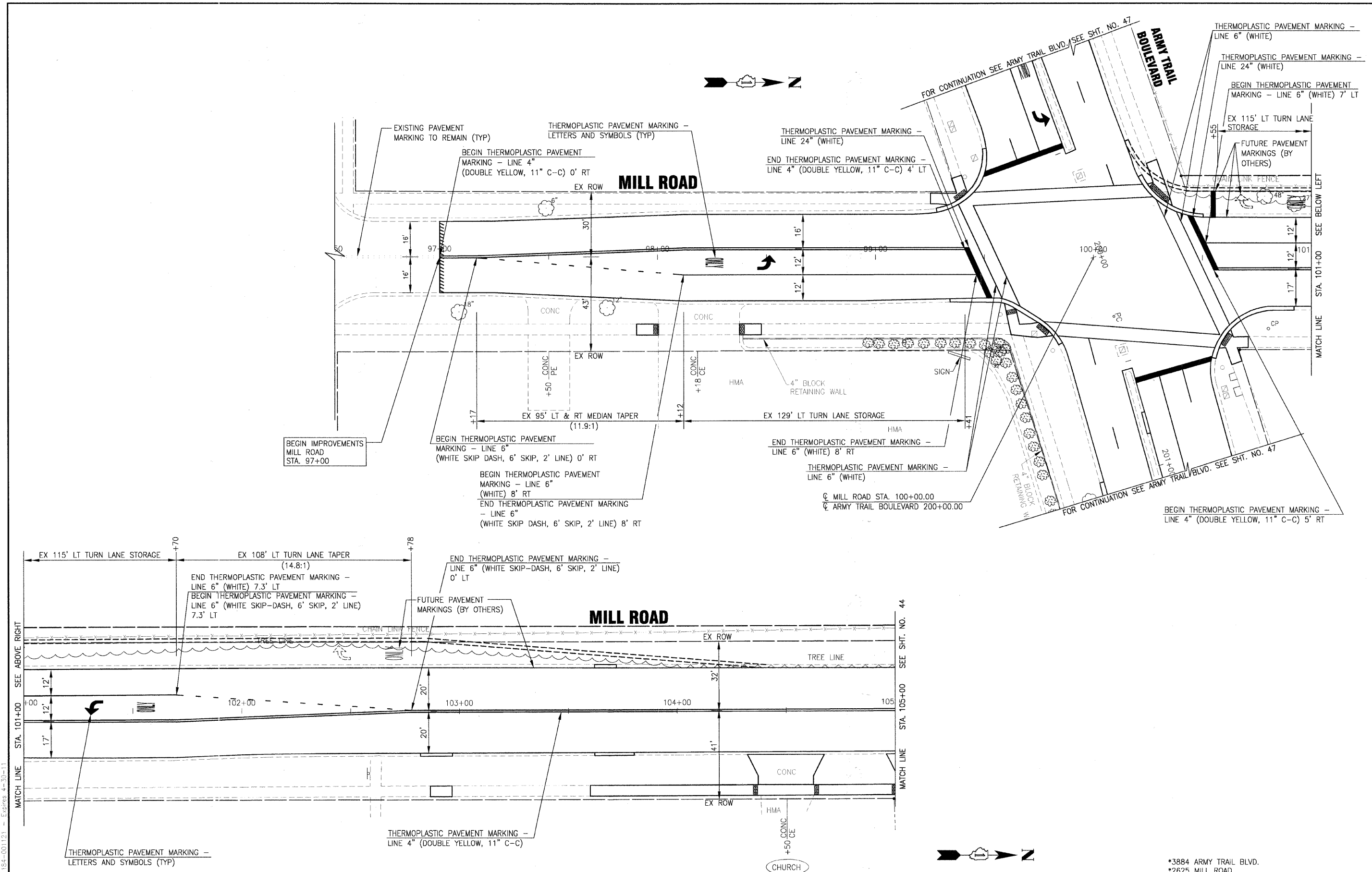
STRUCTURES							
NO.	STATION	OFFSET	TYPE	EX. FRAME	PR. FRAME	RIM / EP	INVERT
S-71	228+57.9	28.4' RT	-	TY 11	TY 1 OL	-	-
S-72	228+77	32' RT	-	TY 1 CL	TY 1 CL	-	-
S-73	228+97	32' RT	-	TY 1 CL	TY 1 CL	-	-
S-74	229+02	39' RT	INLET, TYPE A	TY 11	TY 11	-	-
S-75	229+51	35.8' RT	-	TY 1 OL	TY 1 OL	-	-
S-76	228+76	31' LT	-	TY 1 CL	TY 1 CL	-	-
S-77	228+84	31' LT	-	TY 1 CL	TY 1 CL	-	-

WATER MAIN FITTINGS (RJ)T										
WM-F91	STA. 229+58, 40' LT	8" X 6" HYDRANT TEE	WM-F92	STA. 231+91.5, 41.7' LT	8" X 6" HYDRANT TEE	WM-F93	STA. 232+04, 43' LT	8" - 45' BEND		
WM-F94	STA. 232+08.5, 39' LT	8" - 45' BEND	WM-F95	NOT USED	WM-F96	STA. 232+12.5, 40' LT	8" SLEEVE	WM-F97	STA. 228+91, 48' LT	8" - 45' BEND
WM-F98	STA. 228+85.5, 53.5' LT	8" - 45' BEND	WM-F99	STA. 228+85.5, 57' LT	8" SLEEVE	WM-F100	NOT USED	WM-F101	STA. 229+68, 34' LT	6" - 45' BEND
WM-F102	STA. 229+62.5, 28.5' LT	6" - 45' BEND	WM-F103A	STA. 229+63.5, 41' RT	6" X 4" REDUCER	WM-F103B	STA. 229+63.5, 43' RT	4" SLEEVE	WM-P48	350 L.F. OF 8" WATER MAIN
WM-P49	85 L.F. OF 8" WATER MAIN (RJ)T	WM-P50	NOT USED	WS-P2	20 L.F. OF 8" WATER SERVICE (RJ)T	WS-P3	90 L.F. OF 6" WATER SERVICE (RJ)T			



	DESIGNED - JWS	REVISED - VILLAGE REVIEW 9-08-09	VILLAGE OF ADDISON, ILLINOIS MILL ROAD AND ARMY TRAIL BOULEVARD STP IMPROVEMENTS	DRAINAGE AND UTILITY JOHN F KENNEDY DRIVE	*3884 ARMY TRAIL BLVD. *2625 MILL ROAD	F.A.U. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09				C-91-056-10	09-00098-00-RS	DuPage	69	42
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09	SCALE: HORIZ. 1"=20' / VERT. 1"=5'		PROJECT NO: 070142		STA. 228+00 TO STA. 233+34		CONTRACT NO. 63427		
DATE - 8-19-09	REVISED -			ILLINOIS FED. AID PROJECT M-9003 (474)						

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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

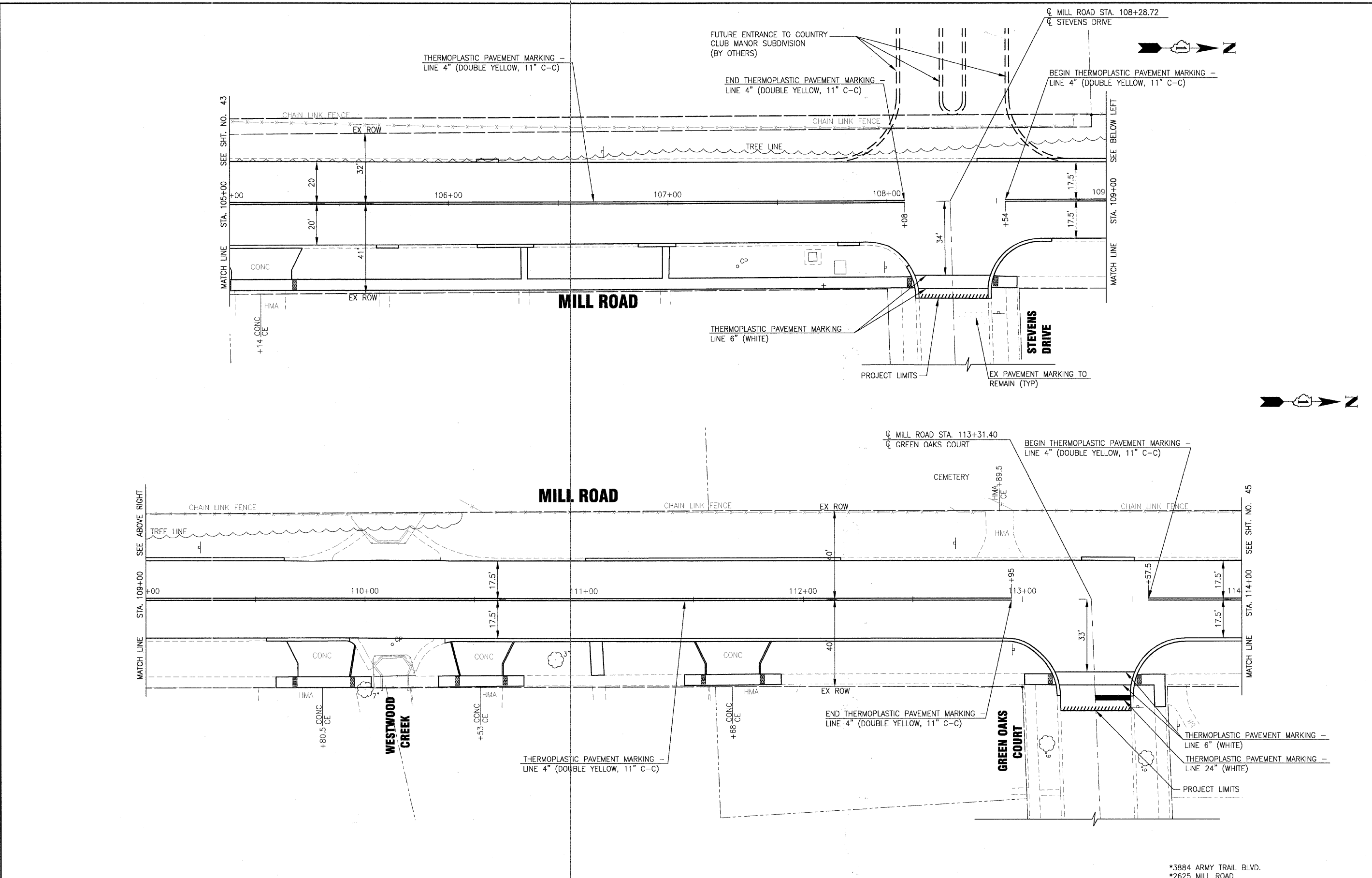
VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

PAVEMENT MARKING AND SIGNAGE PLAN
MILL ROAD

SCALE: HORIZ. 1"=20' PROJECT NO: 070142 STA. 96+50 TO STA. 105+00

*3884 ARMY TRAIL BLVD.		*2625 MILL ROAD		
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	43
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		

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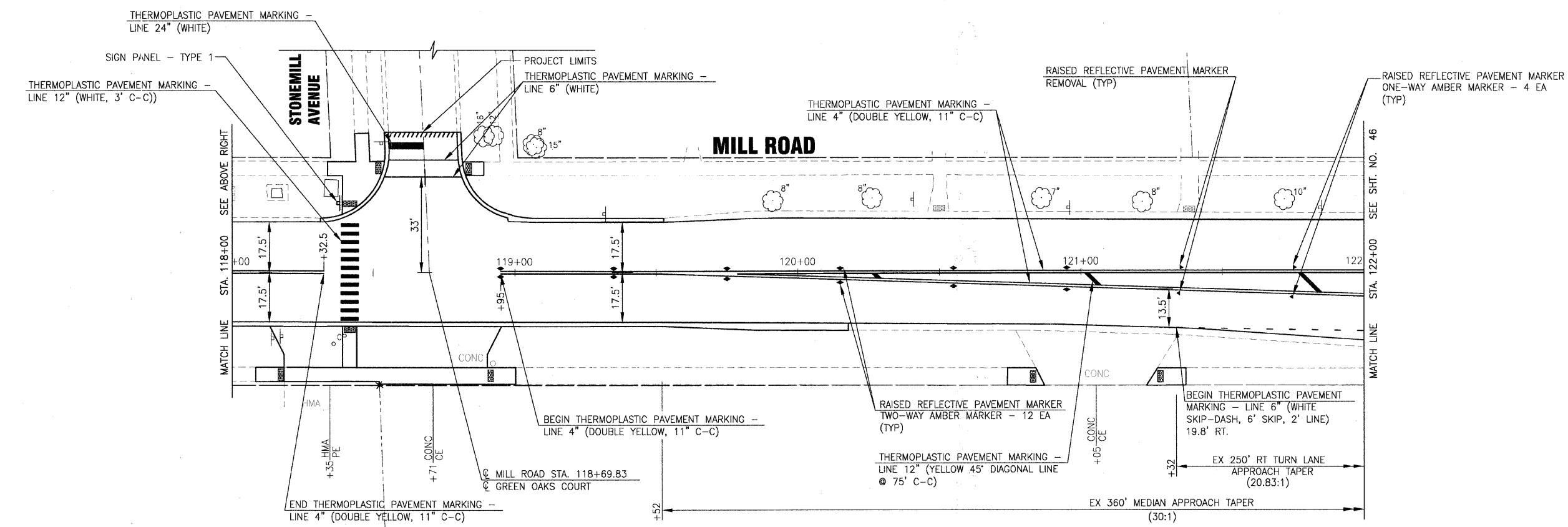
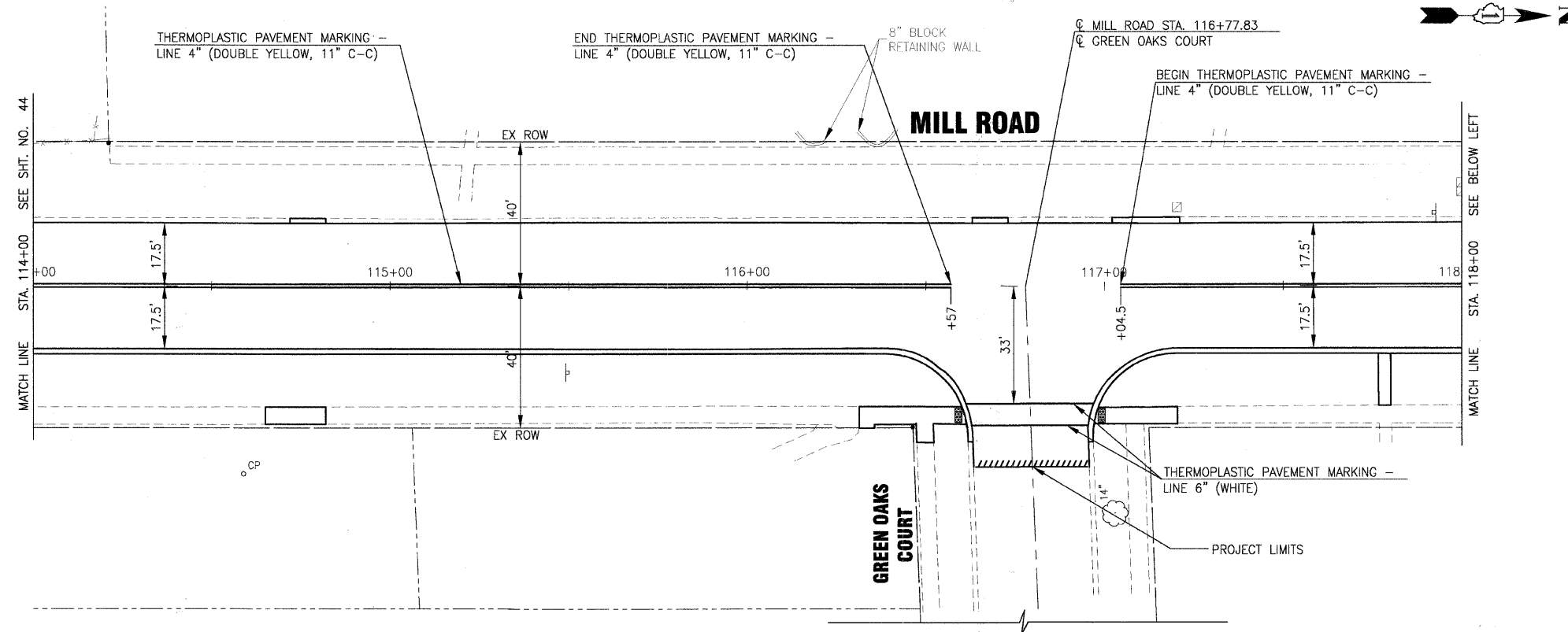
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CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

PAVEMENT MARKING AND SIGNAGE PLAN	
MILL ROAD	
SCALE: HORIZ. 1"=20'	PROJECT NO: 070142 STA. 105+00 TO STA. 114+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	44
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)				



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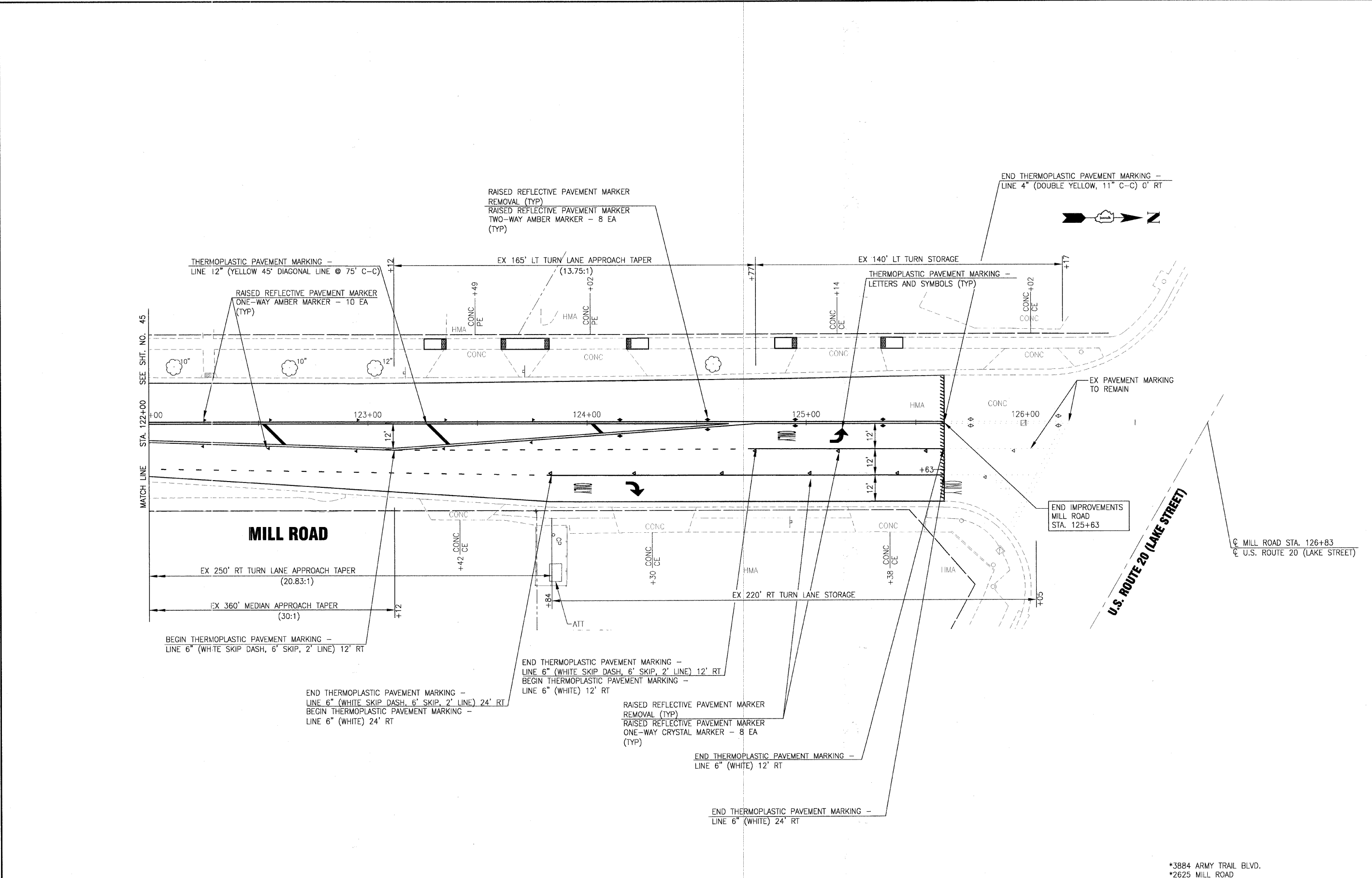
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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

PAVEMENT MARKING AND SIGNAGE PLAN			
MILL ROAD			
SCALE: HORIZ. 1"=20'	PROJECT NO: 070142	STA. 114+00	TO STA. 122+00

*3884 ARMY TRAIL BLVD.		*2625 MILL ROAD	
F.A.U. R.T.C.	SECTION	COUNTY	TOTAL SHEETS
*	09-00098-00-RS	DuPage	69
C-91-056-10	CONTRACT NO. 63427		SHEET NO. 45
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)			

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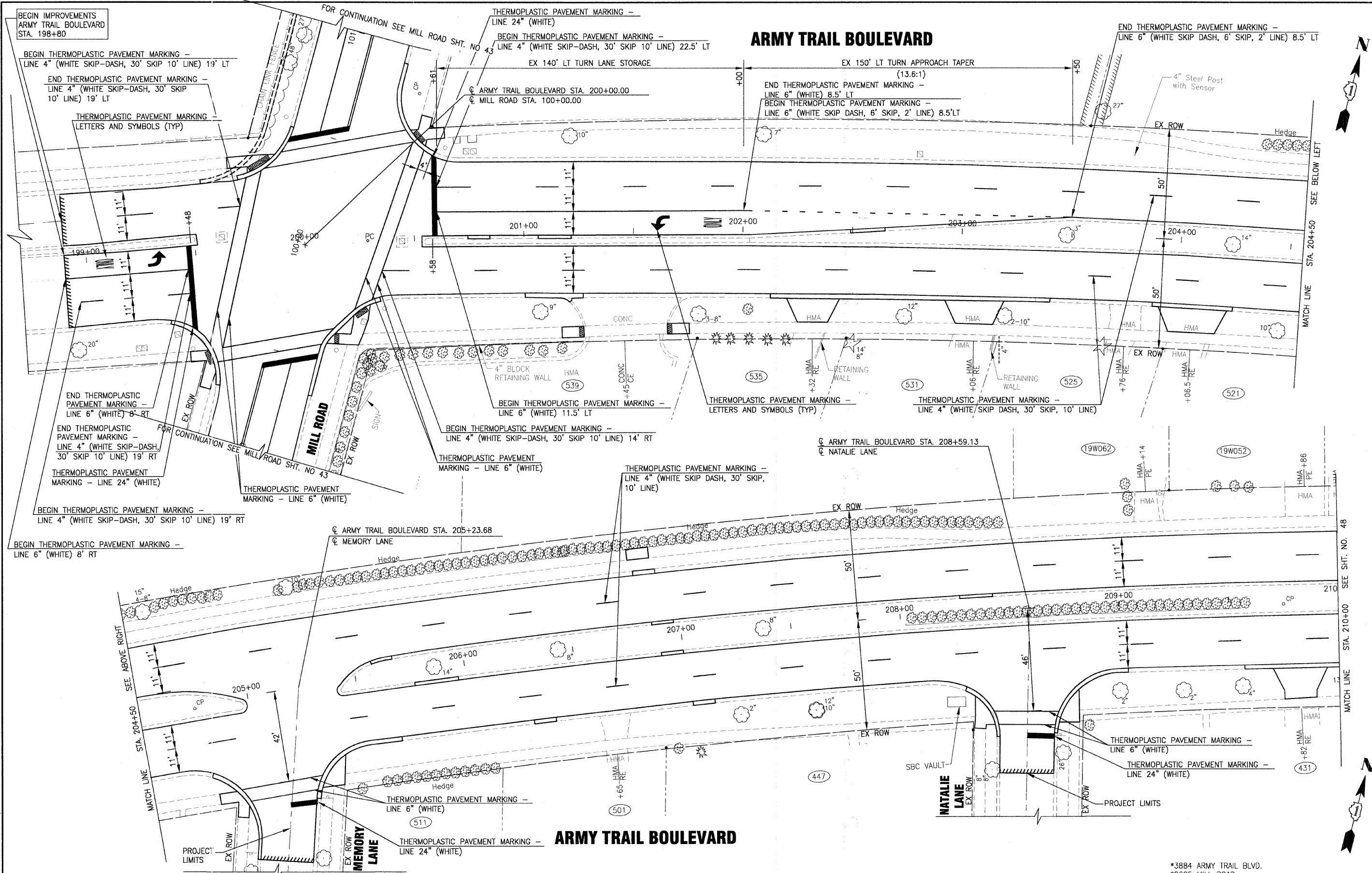
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CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

PAVEMENT MARKING AND SIGNAGE PLAN	
MILL ROAD	
SCALE: HORIZ. 1"=20'	PROJECT NO: 070142 STA. 122+00 TO STA. 126+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	46
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9303 (474)		

*3884 ARMY TRAIL BLVD.
 *2625 MILL ROAD



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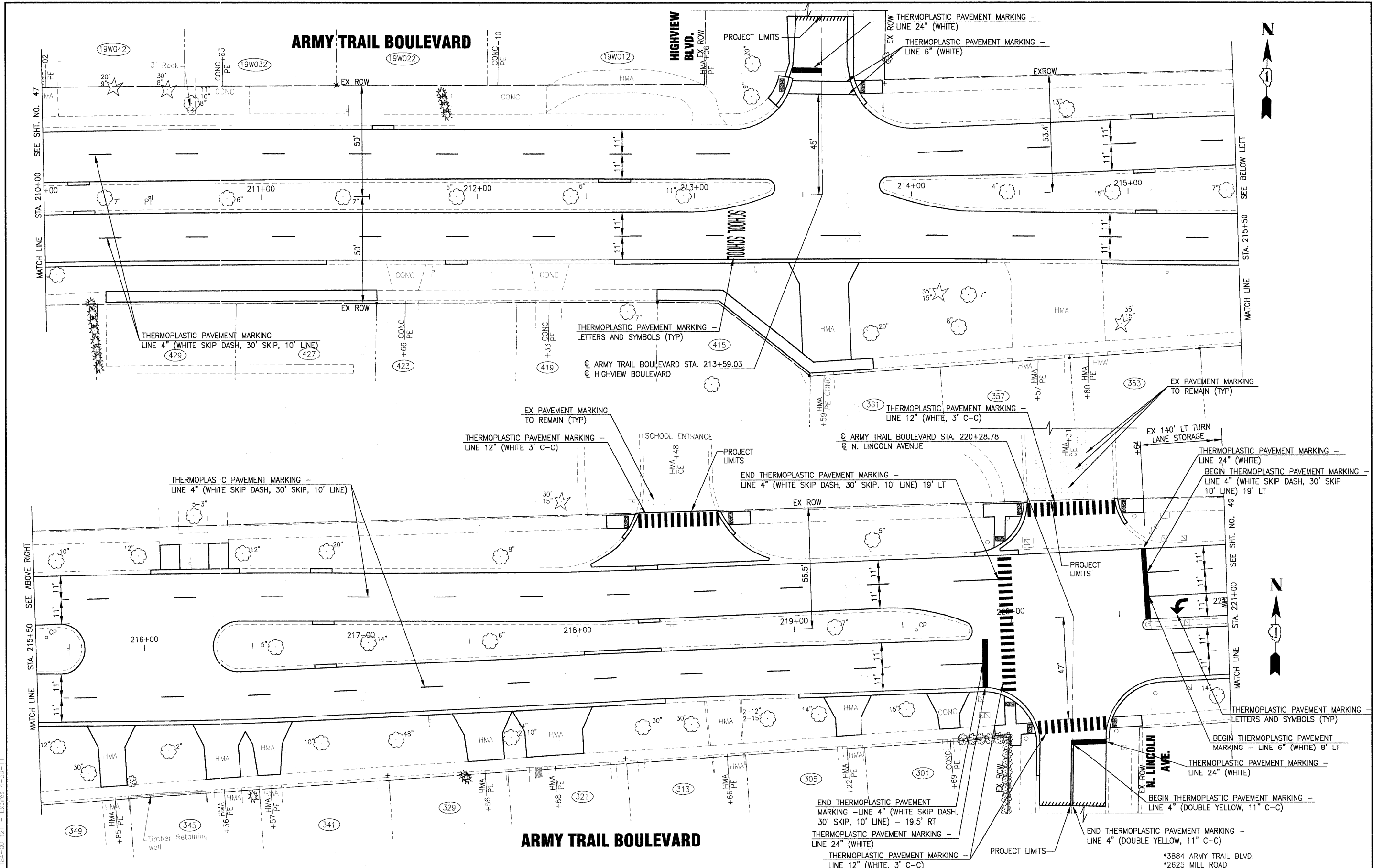


DESIGNED - MWP	REVISED - VILLAGE REVIEW 9-08-09
DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

PAVEMENT MARKING AND SIGNAGE PLAN			
ARMY TRAIL BOULEVARD			
SCALE: HORIZ. 1"=20'	PROJECT NO: 070142	STA. 198+50	TO STA. 210+00

*3884 ARMY TRAIL BLVD. *2625 MILL ROAD				
F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	47
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)				



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 DATE - 8-19-09

REVISED - VILLAGE REVIEW 9-08-09
 REVISED - VILLAGE REVIEW 11-05-09
 REVISED - IDOT REVIEW 11-17-09
 REVISED -

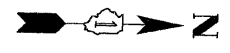
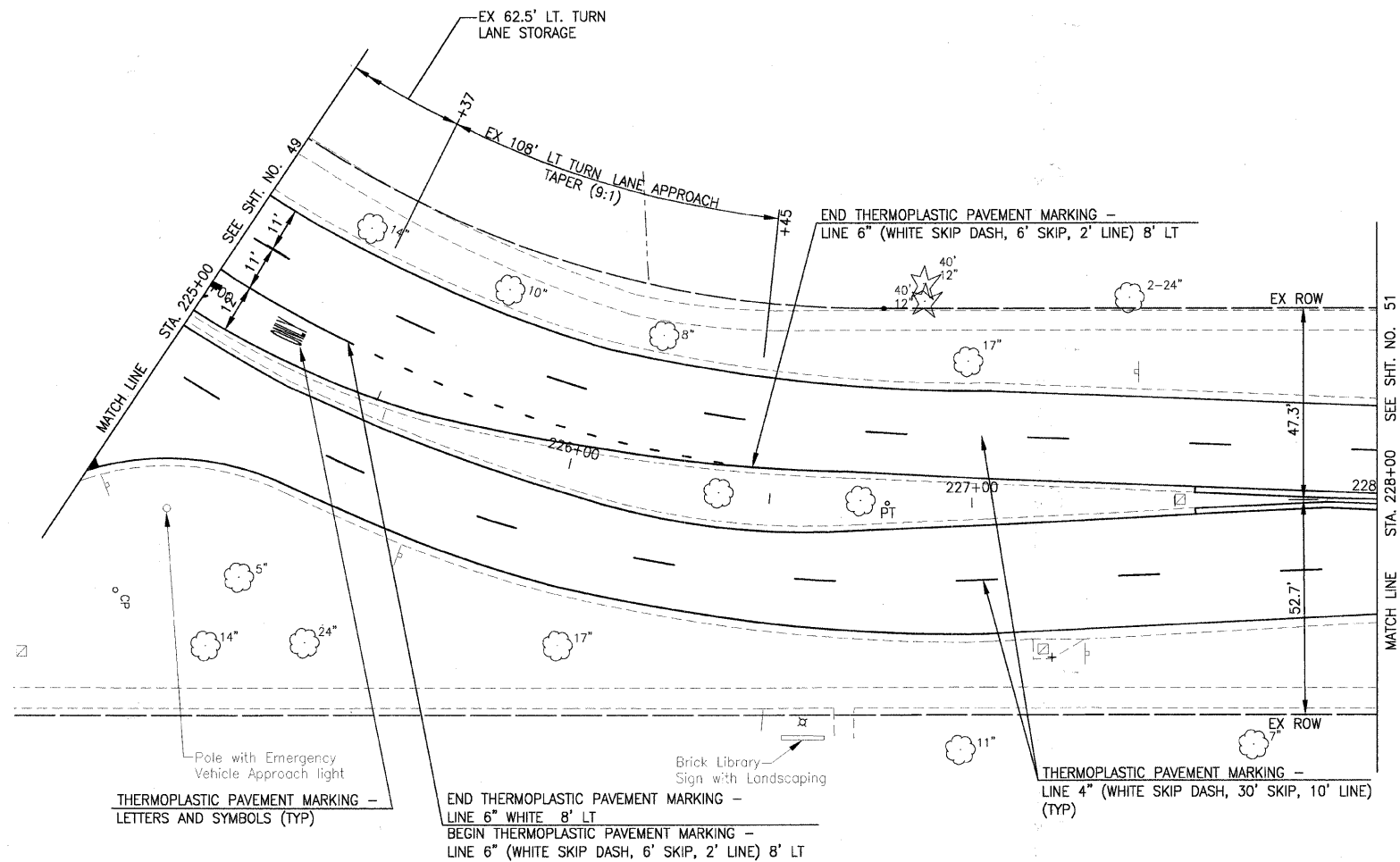
VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

PAVEMENT MARKING AND SIGNAGE PLAN
ARMY TRAIL BOULEVARD

SCALE: HORIZ. 1"=20' PROJECT NO: 070142 STA. 210+00 TO STA. 221+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	48
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		

I:\ADDON\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWGS\070142-ARMY-TRAIL-PM.DWG 50
 Plotted: 11/23/2009 10:19 PM By: 231UKB
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JOHN F. KENNEDY DRIVE

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

**PAVEMENT MARKING AND SIGNAGE PLAN
JOHN F. KENNEDY DRIVE**

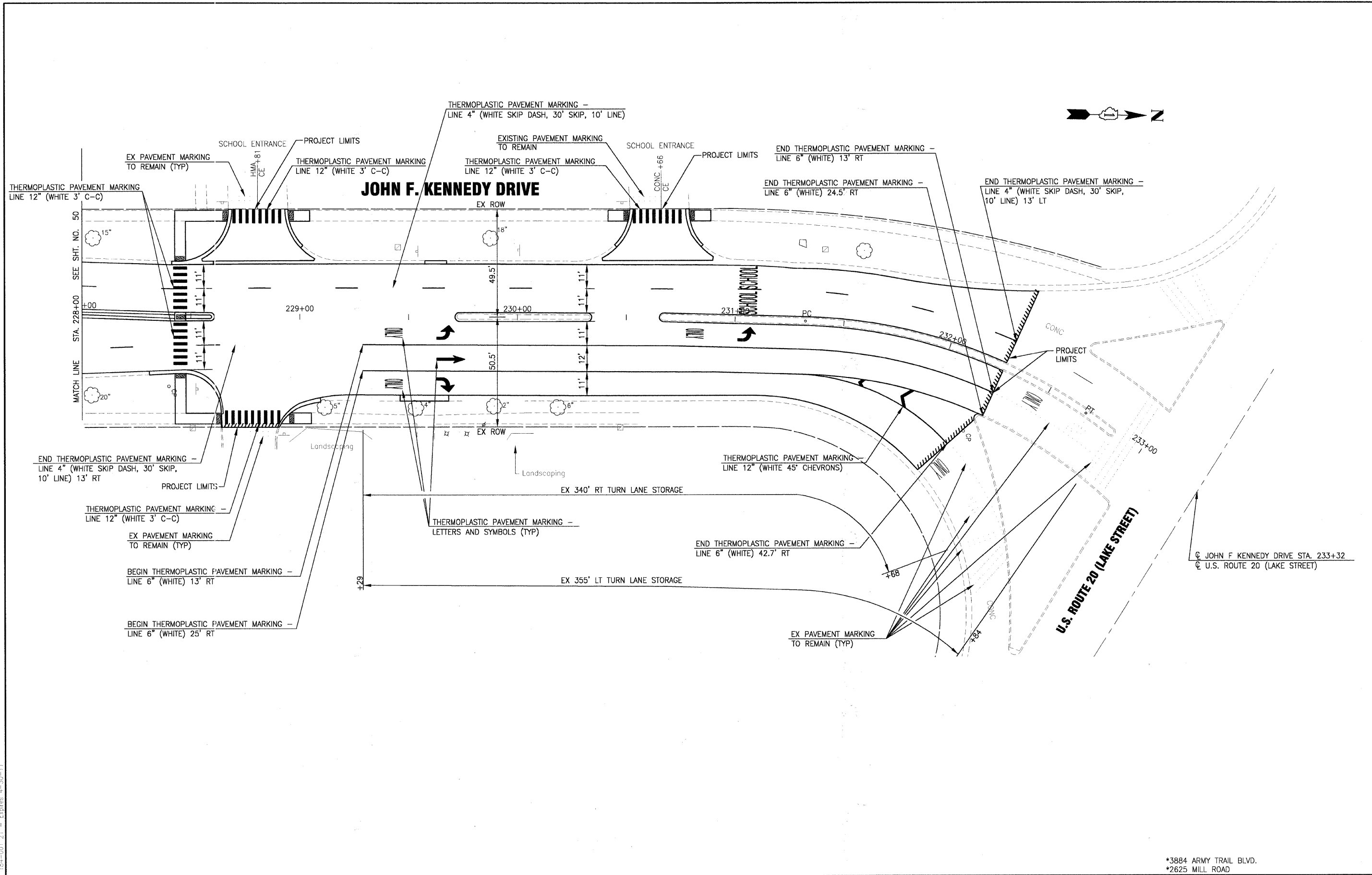
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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

SCALE: HORIZ. 1"=20' PROJECT NO: 070142 STA. 225+00 TO STA. 228+00

*3884 ARMY TRAIL BLVD.
*2625 MILL ROAD

F.A.U. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	50
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		





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 REVISED - IDOT REVIEW 11-17-09
 REVISED -

**VILLAGE OF ADDISON, ILLINOIS
 MILL ROAD AND ARMY TRAIL BOULEVARD
 STP IMPROVEMENTS**

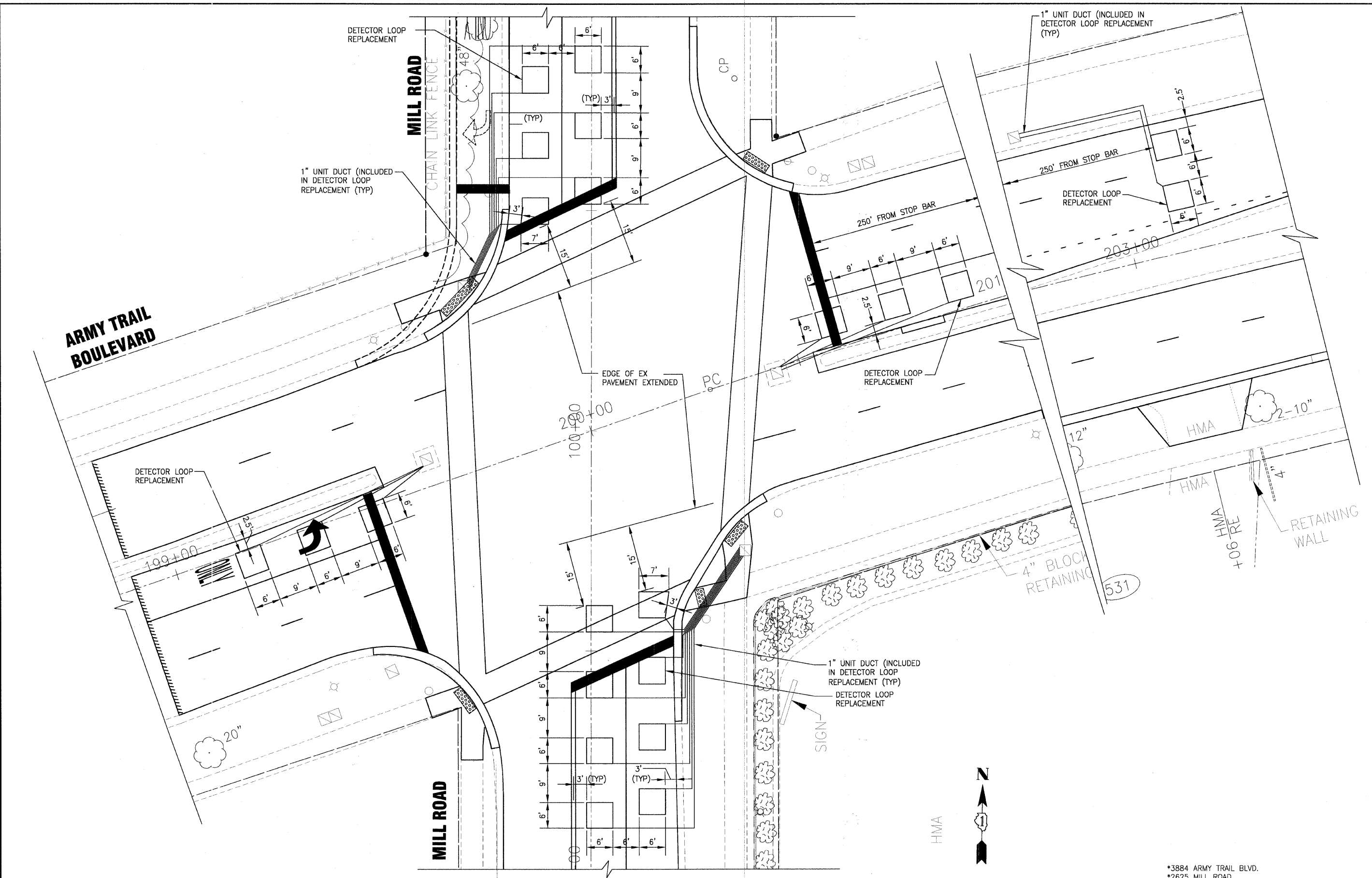
**PAVEMENT MARKING AND SIGNAGE PLAN
 JOHN F. KENNEDY DRIVE**

SCALE: HORIZ. 1"=20'
 PROJECT NO: 070142 STA. 228+00 TO STA. 233+34

*3884 ARMY TRAIL BLVD.
 *2625 MILL ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT M-9003 (474)	

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 Project: 11/24/2009 7:53 AM By: 231UUG
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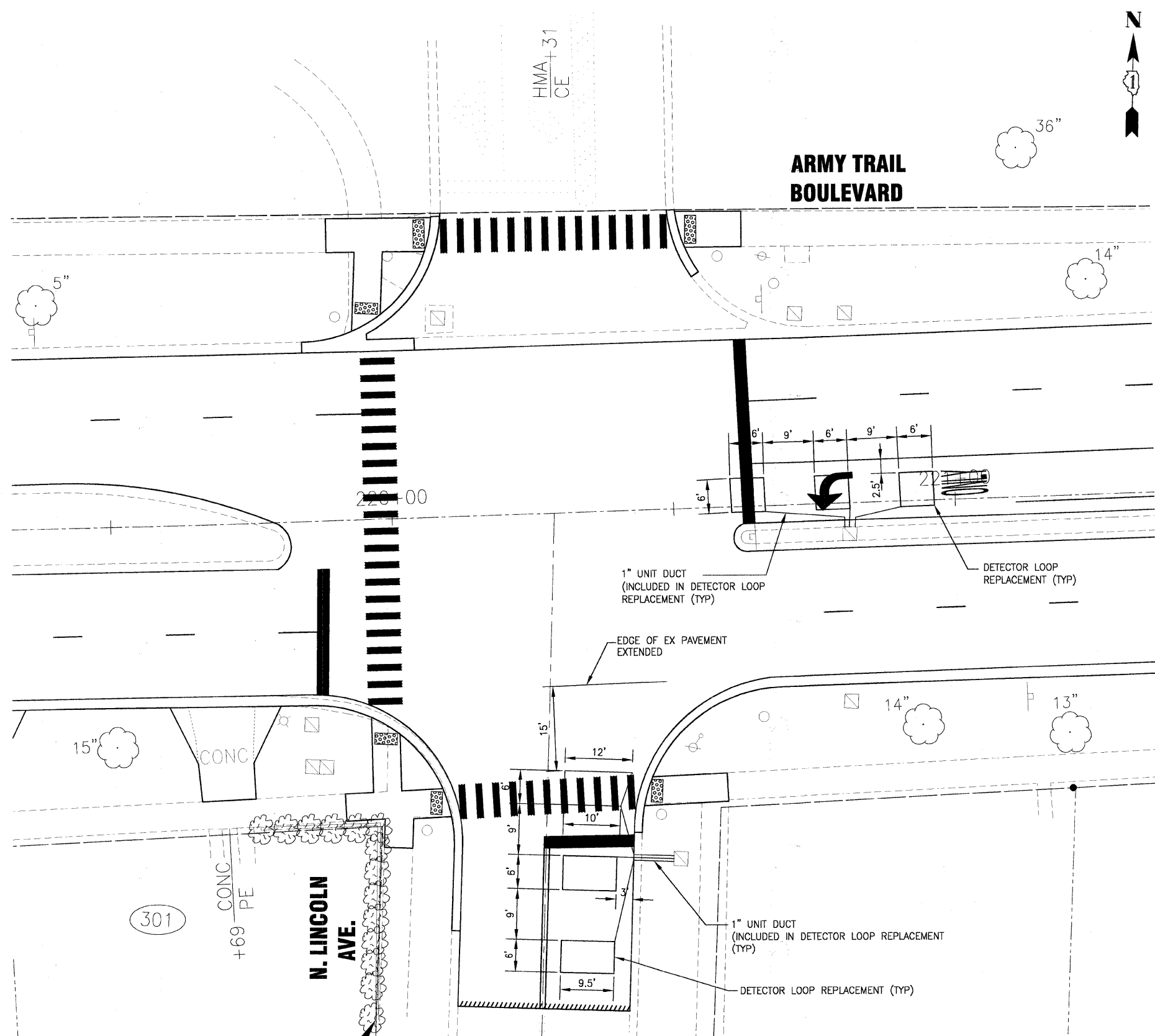
REVISED - VILLAGE REVIEW 9-08-09
 REVISED - VILLAGE REVIEW 11-05-09
 REVISED - IDOT REVIEW 11-17-09
 REVISED -

**VILLAGE OF ADDISON, ILLINOIS
 MILL ROAD AND ARMY TRAIL BOULEVARD
 STP IMPROVEMENTS**

**DETECTOR LOOP REPLACEMENT
 AT MILL ROAD AND ARMY TRAIL BOULEVARD**

SCALE: 1" = 10' PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD. *2625 MILL ROAD		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*	09-00098-00-RS	DuPage	69	52
		C-91-056-10	CONTRACT NO. 63427			
		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT M-9003 (474)		



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 Plotted: 11/19/2009 2:58 PM by: 231uk6
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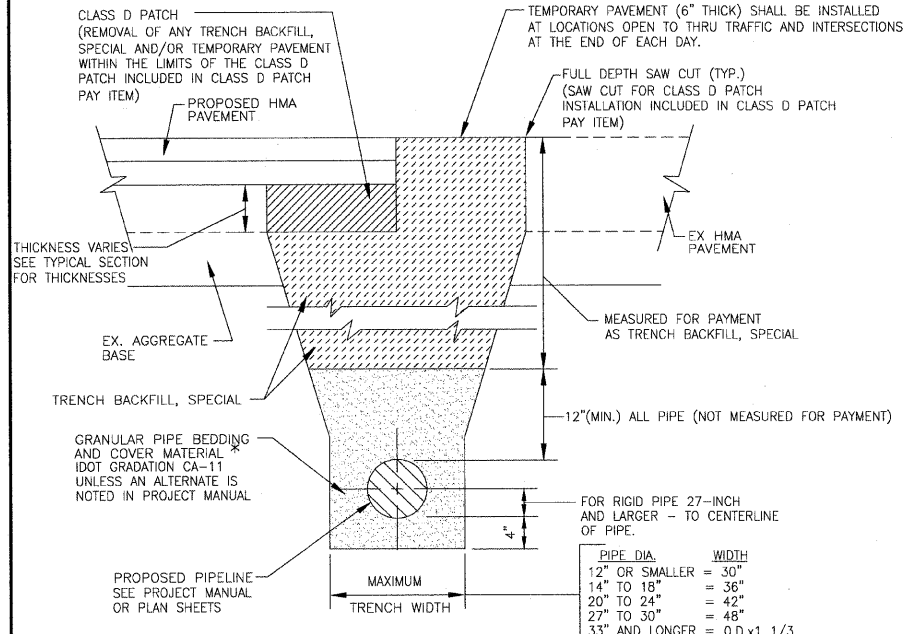


DESIGNED - MWP	REVISED - VILLAGE REVIEW 9-08-09
DRAWN - LKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

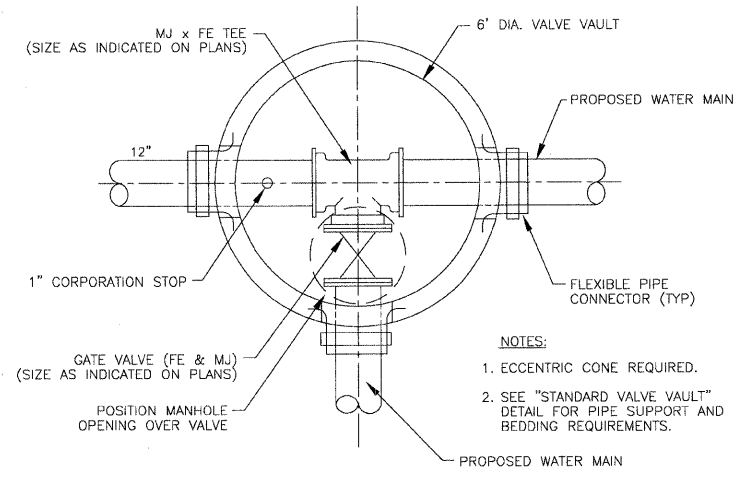
DETECTOR LOOP REPLACEMENT AT ARMY TRAIL BOULEVARD AND N. LINCOLN AVENUE	
SCALE: 1" = 10'	PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.		*2625 MILL ROAD		
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	53
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		



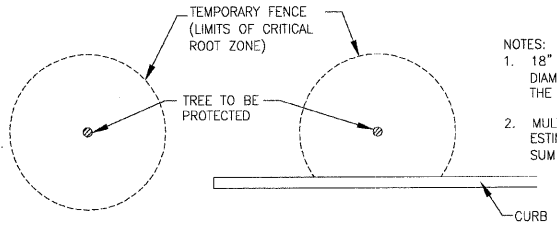
TYPICAL TRENCH DETAIL
NO SCALE

FOR PAVEMENT WITH AGGREGATE BASE AND COMPACTED SPECIAL GRANULAR BACKFILL MATERIAL.
* FOR FLEXIBLE THERMOPLASTIC OR HDPE PIPE COMPLY WITH ASTM 2321, CLASS I OR II.
FOR RIGID PIPE COMPLY WITH ASTM C12, BEDDING CLASS B.

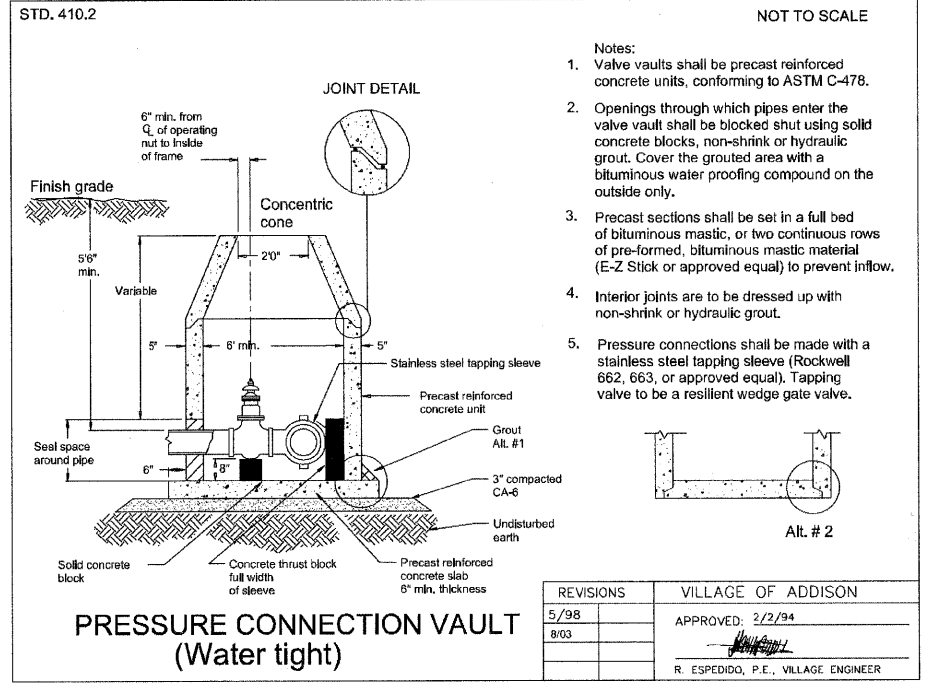


VALVE IN VAULT WITH TEE IN VAULT
NOT TO SCALE

NOTES:
1. ECCENTRIC CONE REQUIRED.
2. SEE "STANDARD VALVE VAULT" DETAIL FOR PIPE SUPPORT AND BEDDING REQUIREMENTS.



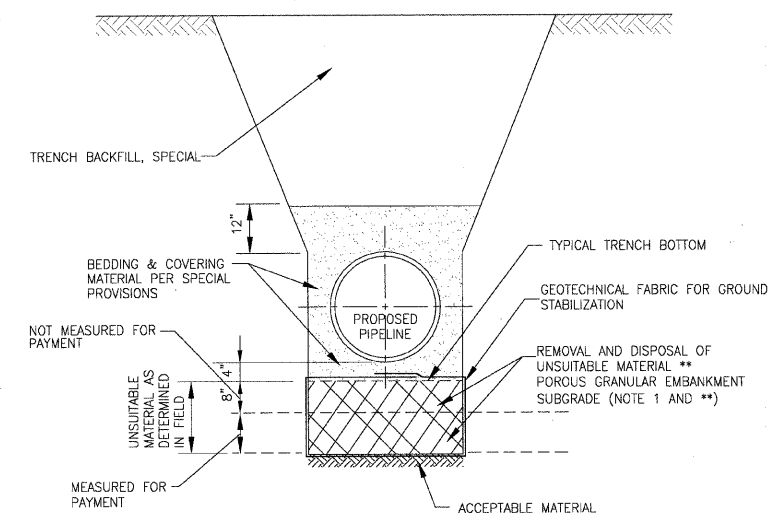
CRITICAL ROOT ZONE DETAIL FOR TEMPORARY FENCE, TREE PRUNING AND TREE ROOT PROTECTION
NOT TO SCALE



PRESSURE CONNECTION VAULT (Water tight)

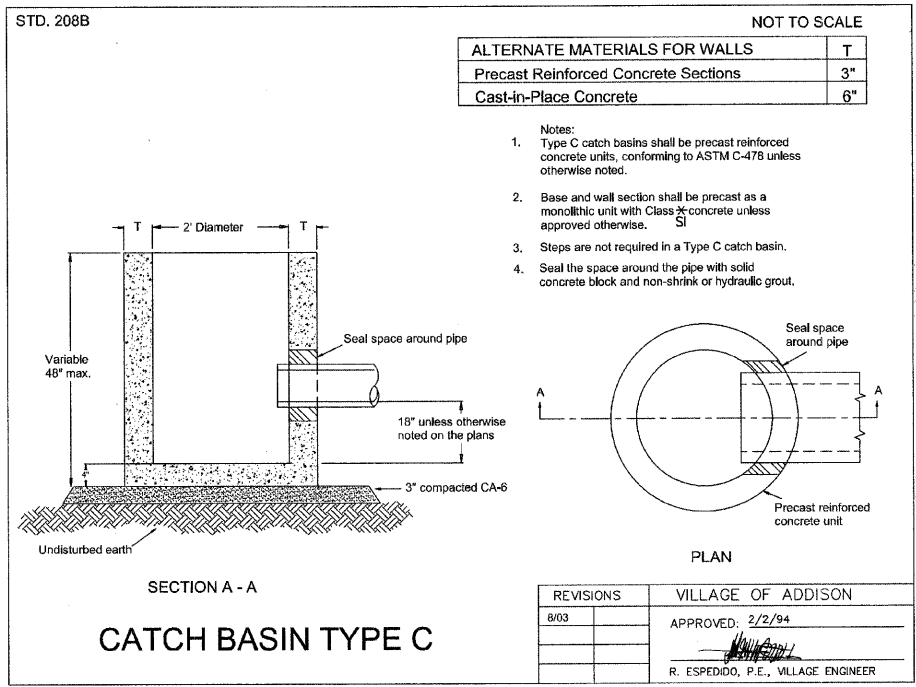
NOT TO SCALE
Notes:
1. Valve vaults shall be precast reinforced concrete units, conforming to ASTM C-478.
2. Openings through which pipes enter the valve vault shall be blocked shut using solid concrete blocks, non-shrink or hydraulic grout. Cover the grouted area with a bituminous water proofing compound on the outside only.
3. Precast sections shall be set in a full bed of bituminous mastic, or two continuous rows of pre-formed, bituminous mastic material (E-Z Stick or approved equal) to prevent inflow.
4. Interior joints are to be dressed up with non-shrink or hydraulic grout.
5. Pressure connections shall be made with a stainless steel tapping sleeve (Rockwell 662, 663, or approved equal). Tapping valve to be a resilient wedge gate valve.

REVISIONS	VILLAGE OF ADDISON
5/98	APPROVED: 2/2/94
8/03	
	R. ESPEDIDO, P.E., VILLAGE ENGINEER



OPEN CUT PIPELINE INSTALLATION UNSUITABLE MATERIAL REMOVAL/REPLACEMENT DETAIL
NO SCALE

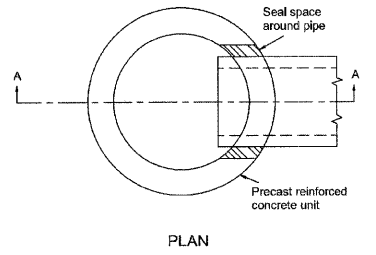
DETAIL NOTES:
1. POROUS MATERIAL FOR PIPELINE CONSTRUCTION SHALL BE I.D.O.T. CA-1.
** POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE UNDERCUT GUIDELINES IN THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.



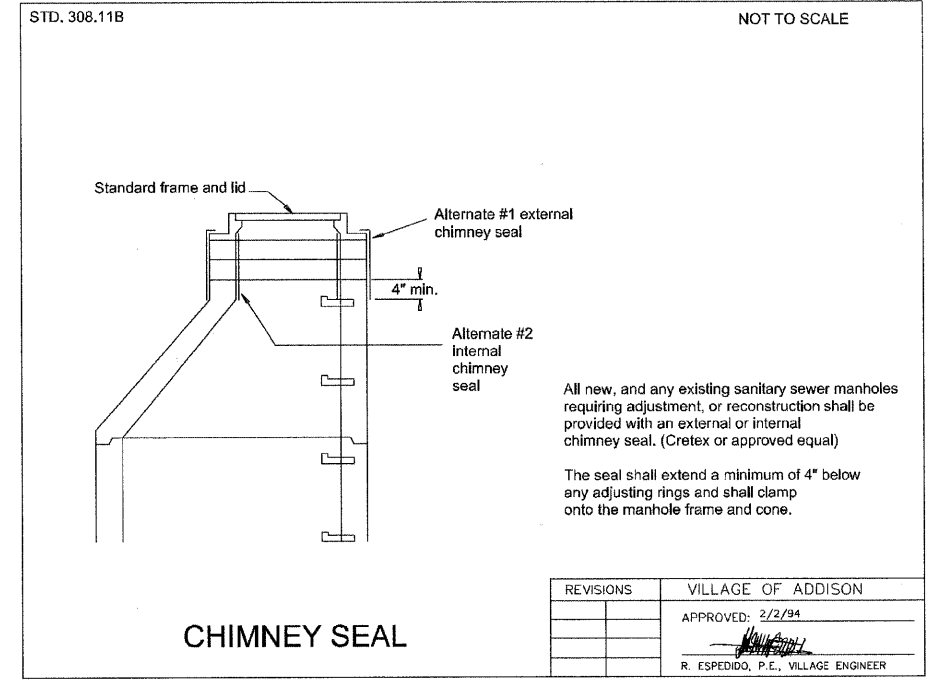
CATCH BASIN TYPE C

ALTERNATE MATERIALS FOR WALLS	
Precast Reinforced Concrete Sections	3"
Cast-in-Place Concrete	6"

NOTES:
1. Type C catch basins shall be precast reinforced concrete units, conforming to ASTM C-478 unless otherwise noted.
2. Base and wall section shall be precast as a monolithic unit with Class 2 concrete unless approved otherwise.
3. Steps are not required in a Type C catch basin.
4. Seal the space around the pipe with solid concrete block and non-shrink or hydraulic grout.



REVISIONS	VILLAGE OF ADDISON
8/03	APPROVED: 2/2/94
	R. ESPEDIDO, P.E., VILLAGE ENGINEER



CHIMNEY SEAL

All new, and any existing sanitary sewer manholes requiring adjustment, or reconstruction shall be provided with an external or internal chimney seal. (CreteX or approved equal)
The seal shall extend a minimum of 4" below any adjusting rings and shall clamp onto the manhole frame and cone.

REVISIONS	VILLAGE OF ADDISON
	APPROVED: 2/2/94
	R. ESPEDIDO, P.E., VILLAGE ENGINEER

I:\ADDON\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWGS\070142-WM-BETS.DWG 55
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DESIGNED - JJS	REVISD - VILLAGE REVIEW 9-08-09
DRAWN - UKB	REVISD - VILLAGE REVIEW 11-05-09
CHECKED - SMV	REVISD - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISD -

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

WATER MAIN AND MISCELLANEOUS DETAILS		COUNTY	TOTAL SHEETS	SHEET NO.
PROJECT NO: 070142	STA. TO STA.	DuPage	69	55
SCALE:		C-91-056-10	CONTRACT NO. 63427	
		FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT M-8003 (474)	

*3884 ARMY TRAIL BLVD.
*2625 MILL ROAD

I:\ADDON\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWGS\070142-MM-DETS.DWG 56
 Project: 11/23/2009 4:22 PM By: 560KAR
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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - RWL	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS

ADDISON DETAILS		F.A.U. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	PROJECT NO: 070142	STA.	DuPage	69	56
		C-91-056-10		CONTRACT NO. 63427	
		FED. ROAD DIST. NO. 1	ILLINOIS	PROJECT M-8003 (474)	

*3884 ARMY TRAIL BLVD.
 *2625 MILL ROAD

STD. 208.7A

SANITARY

Paved areas Neenah R-1031#
Paved areas Neenah R-1712-B#

Non-paved areas Neenah R-1060#
Non-paved areas Neenah R-1700#

WATER

Paved areas Neenah R-1031#
Paved areas Neenah R-1712-B#

Non-paved areas Neenah R-1060#
Non-paved areas Neenah R-1700#

Sanitary and water lids shall be self-sealing with concealed pick holes.

For sanitary and water structures subject to prolonged standing water, use the following frames:

Water-tight: Neenah R-1755-B#
Water-tight: Neenah R-1916-E#

STORM

CURB AND GUTTER

M-3.12 Neenah R-3501-E2#
M-6.12 Neenah R-3503-B#
M-6.18 Neenah R-3525-L#
B-6.12 Neenah R-3281-B#
B-6.18 Neenah R-3278-A#
B-6.18 Neenah R-3525-L#
B-6.18* Neenah R-3278-AL#

PAVED AREAS

Closed lid Neenah R-1031#
Closed lid Neenah R-1712-B#

Open grate Neenah R-2031#
Open grate Neenah R-2505#

NON-PAVED AREAS

Closed lid Neenah R-1060#
Closed lid Neenah R-1700#

Open grate Neenah R-2060#
Open grate Neenah R-1700#

* Recommended for new construction

All lids shall have the appropriate designation of water, storm, or sanitary cast into the lid. Closed lids shall have a Type "B" lid design. Open grates shall have a Type "A" or "D" grate design.

A Neenah R-4340-B frame shall not be used on any restricted depth structure without the use of an adjusting ring, 4" minimum in size.

REVISIONS	VILLAGE OF ADDISON
5/96	APPROVED: 2/2/94
	R. ESPEDIDO, P.E., VILLAGE ENGINEER

OR APPROVED EQUAL

STD. 308

ALTERNATE MATERIALS FOR WALLS	D	C	T (min)
Precast Reinforced Concrete Sections	4'0"	2'6"	4"
Cast-in-Place Concrete	5'0"	3'9"	5"
	4'0"	2'6"	6"
	5'0"	3'9"	6"

NOT TO SCALE

Notes:

- Manholes shall be precast reinforced concrete units, conforming to ASTM C-478 unless otherwise noted.
- Base and wall section shall be precast as a monolithic unit.
- A flexible water-tight rubber pipe boot, conforming to ASTM C-823 shall be precast into the manhole. Two stainless steel bands shall secure the pipe in place.
- All new, and any existing sanitary manholes requiring adjustment or reconstruction, shall be provided with an external or internal chimney seal. (Circle or approved equal).

REVISIONS	VILLAGE OF ADDISON
8/03	APPROVED: 2/2/94
	R. ESPEDIDO, P.E., VILLAGE ENGINEER

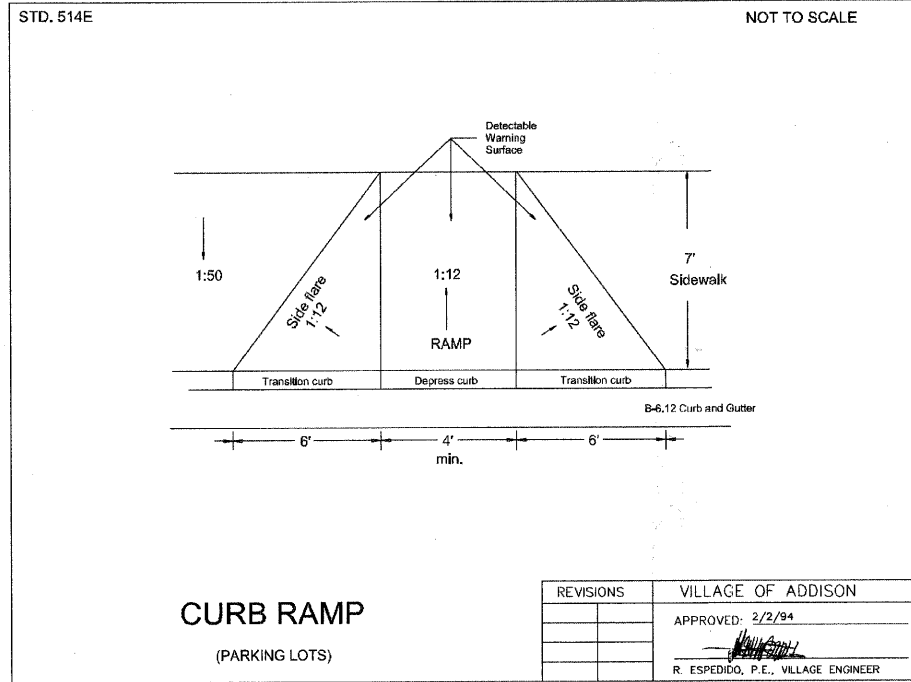
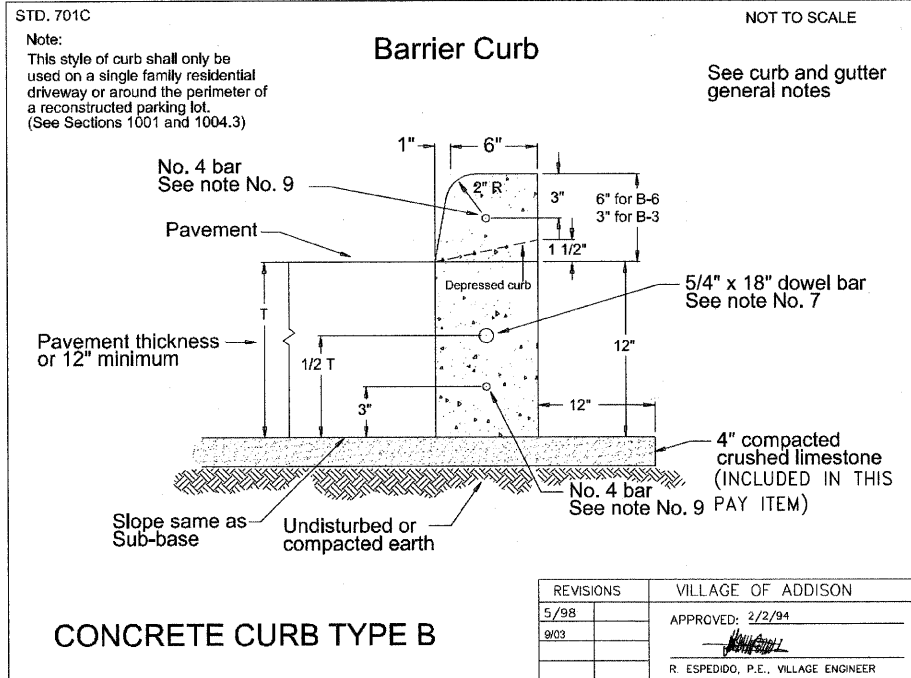
SANITARY SEWER MANHOLE TYPE A

STD. 308.11A

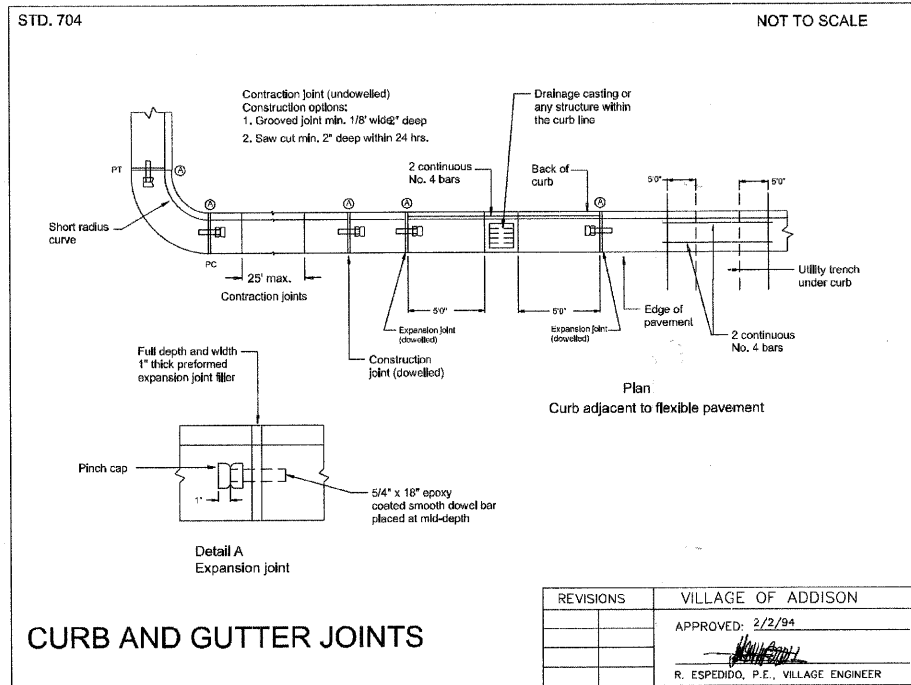
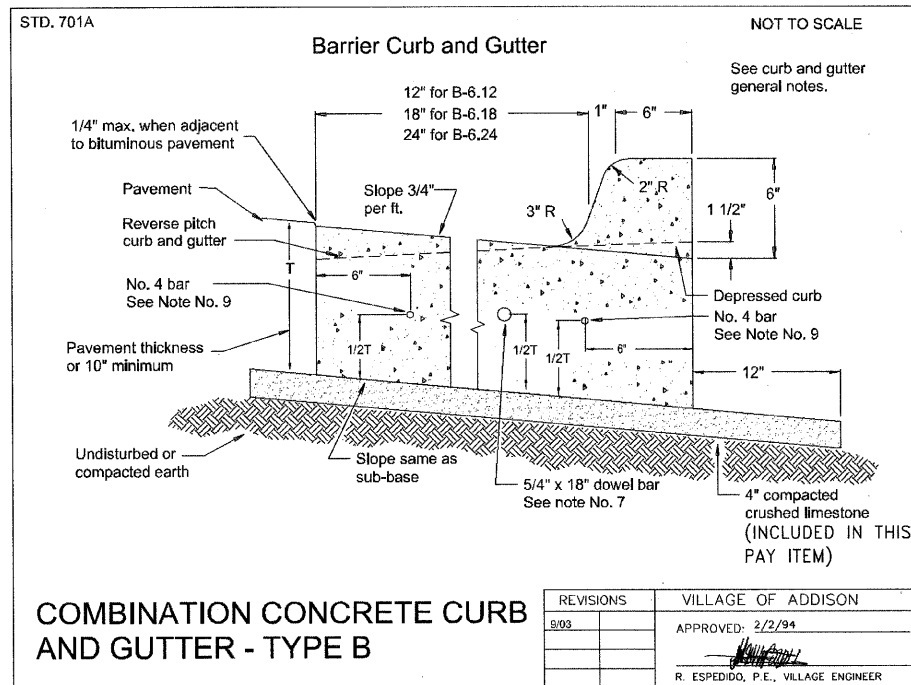
NOT TO SCALE

REVISIONS	VILLAGE OF ADDISON
8/03	APPROVED: 2/2/94
	R. ESPEDIDO, P.E., VILLAGE ENGINEER

MANHOLE CHIMNEY SEALS



- STD. 701D
- CURB AND GUTTER GENERAL NOTES**
- Thickness: "T" = thickness of the curb or gutter
 - Depressed curbs: The top of a curb shall be depressed where it is constructed across a sidewalk, driveway, or where directed by the Director of Community Development. The transition from full height curb to depressed curb shall be at the rate of 3" per foot.
 - Sub-grade: Improved sub-grade shall extend 1' outside of the back of curb.
 - Sub-base: The sub-base shall consist of 4" of compacted crushed limestone.
 - Concrete: Shall be a 6 bag mix, attaining a strength of not less than 3500 P.S.I. in 28 days.
 - Contraction joints: Maximum of 25' intervals, grooved or sawcut a minimum of 1/8" wide, and a minimum of 2" deep. Sawing shall be completed within 24 hours of the pour.
 - Expansion joints: 1" thick preformed joint filler with a single 5/4"x 18" epoxy coated smooth dowel bar, fitted with a pinch cap, installed 5' on either side of any structure within the curb line, at the PT and PC of a radius, and at the end of each concrete pour. Maximum spacing of 75'.
 - Construction joints: Use whenever the placing of concrete is held up for 30 minutes or more. Construction joints shall be installed in the same manner as an expansion joint.
 - Steel reinforcement: 2 continuous No. 4 bars centered in the curb over all trench crossings so that the bars extend 5' beyond the trench on all sides.
- | REVISIONS | VILLAGE OF ADDISON |
|-----------|-------------------------------------|
| | APPROVED: 2/2/94 |
| | R. ESPEDIDO, P.E., VILLAGE ENGINEER |



I:\ADDON\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWG\070142-MH-DETS.DWG 57
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DESIGNED - JJS	REVISED - VILLAGE REVIEW 9-08-09
DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

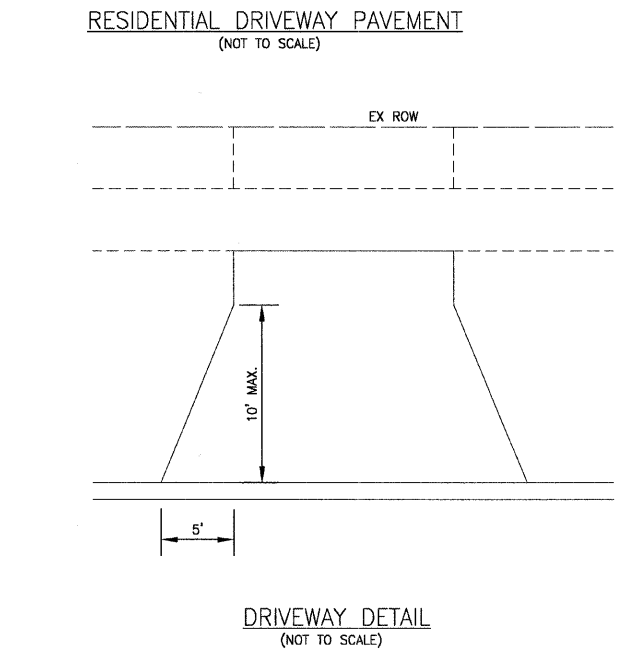
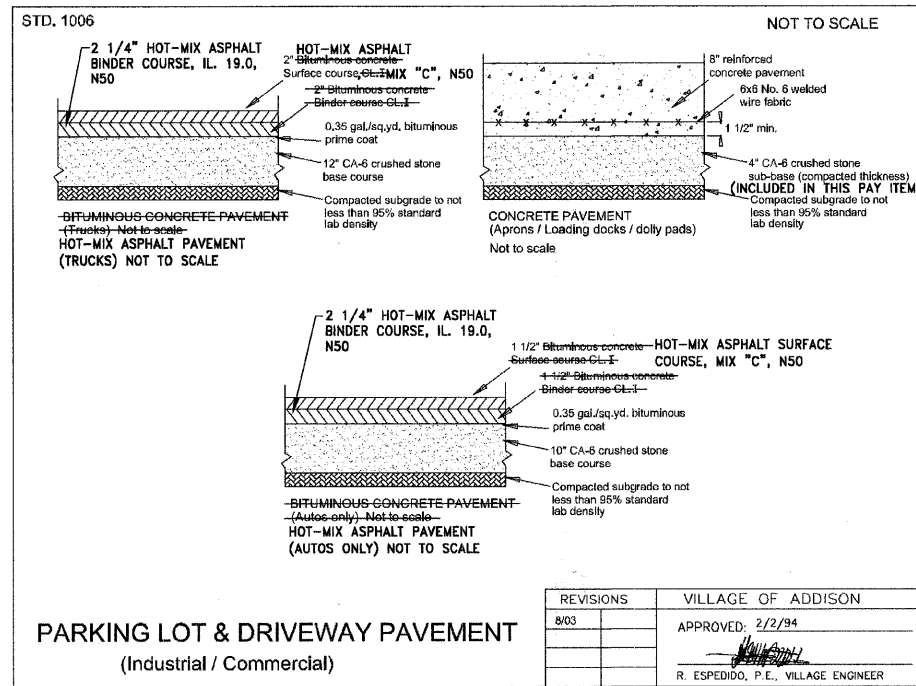
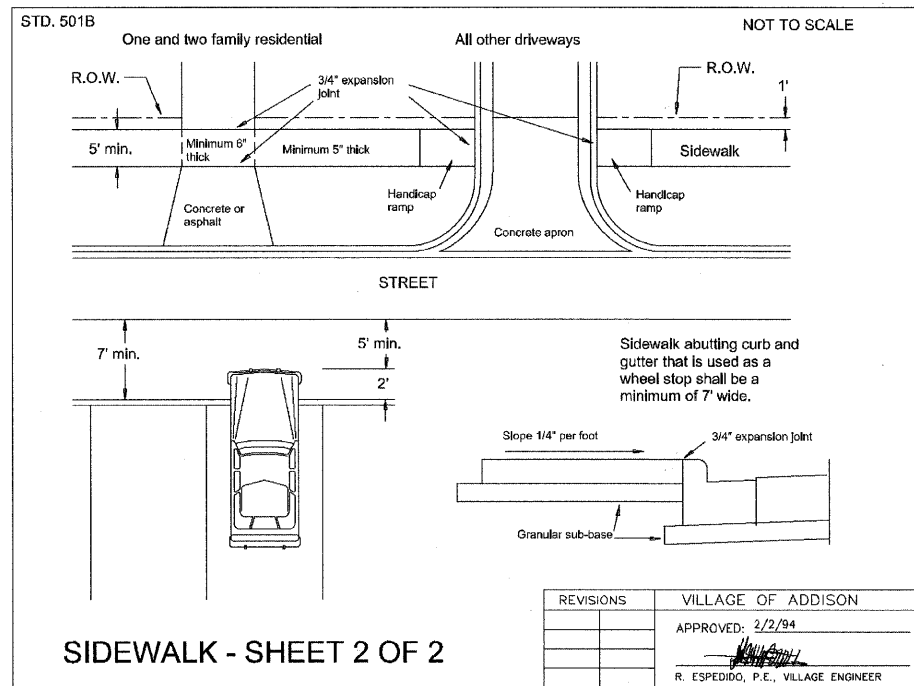
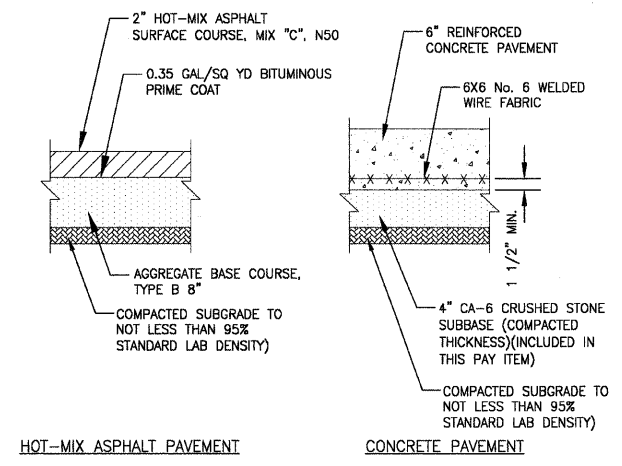
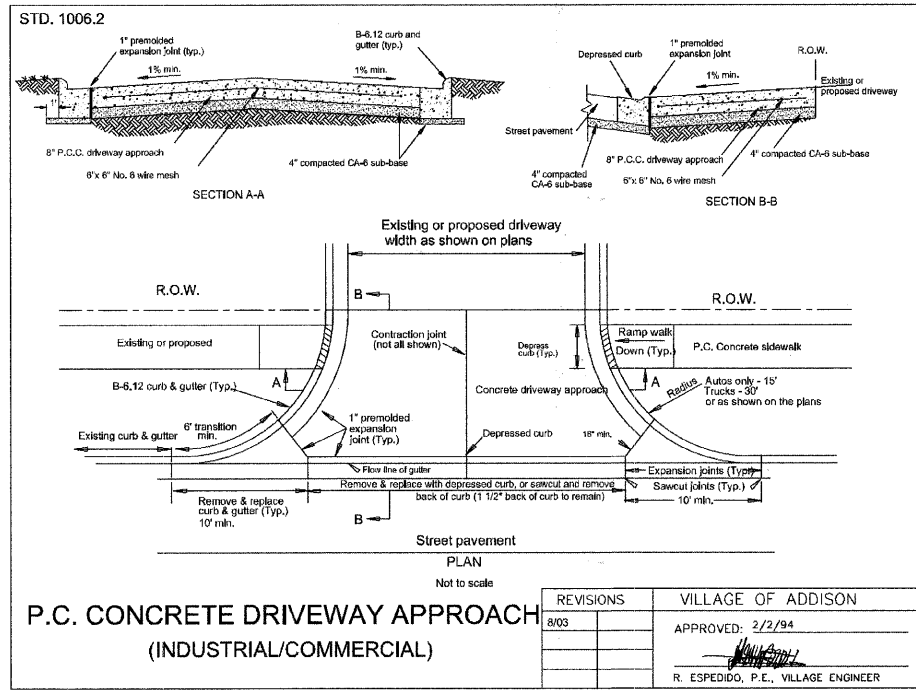
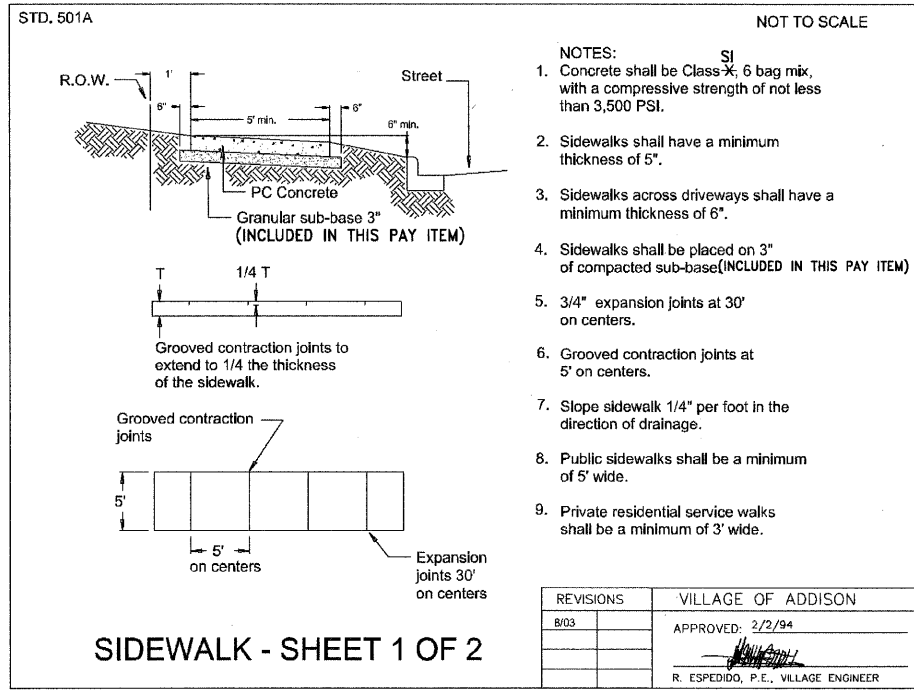
**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

ADDISON DETAILS

SCALE: PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD.
*2625 MILL ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPage	69	57
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		



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DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

**VILLAGE OF ADDISON, ILLINOIS
MILL ROAD AND ARMY TRAIL BOULEVARD
STP IMPROVEMENTS**

ADDISON DETAILS

SCALE:	PROJECT NO: 070142	STA.	10 STA.
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*3884 ARMY TRAIL BLVD. *2625 MILL ROAD		F.A.U. RITE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		*	09-00098-00-RS	DuPage	69	58
		C-91-056-10		CONTRACT NO. 63427		
		FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT M-9003 (474)		

SOIL AND MATERIAL CONSULTANTS, INC. Date: 8/13/09
 8 WEST COLLEGE DRIVE OFFICE: (847) 870-0544
 ARLINGTON HEIGHTS, IL 60004 FAX: (847) 870-0581
 File No.: 19677

CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No: 1 Work Done By: AC & DA
 Location of Core: Mill Road - Station 110+60 - 10' R.
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	1-3/4" Bituminous concrete - surface	Full
2		
3	1-3/4" Bituminous concrete - binder	Full
4		
5		
6		
7	8-1/2" BBC	Full
8		
9		
10		
11		
12		
13		
14		
15	5-0" Crushed limestone	Partial
16		
17	E.O.C. Total 17-0"	
18		
19		
20		

G-333

SOIL AND MATERIAL CONSULTANTS, INC. Date: 8/13/09
 8 WEST COLLEGE DRIVE OFFICE: (847) 870-0544
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 File No.: 19677

CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No: 2 Work Done By: AC & DA
 Location of Core: Mill Road - Station 109+60 - 6' L.
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	1-0" Bituminous concrete - surface	Full
2	1-3/4" Bituminous concrete - binder	Full
3		
4		
5		
6	5-1/4" BBC	Full
7		
8		
9		
10		
11		
12		
13		
14	14-0" Large crushed limestone & fines	Partial
15		
16		
17		
18		
19		
20		
21		
22	E.O.C. Total 22-0"	

G-333

SOIL AND MATERIAL CONSULTANTS, INC. Date: 8/13/09
 8 WEST COLLEGE DRIVE OFFICE: (847) 870-0544
 ARLINGTON HEIGHTS, IL 60004 FAX: (847) 870-0581
 File No.: 19677

CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No: 3 Work Done By: AC & DA
 Location of Core: Army Trail - Station 202+00 - 22' R. of RL
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	2-0" Bituminous concrete - surface	Full
2		
3	2-1/4" Bituminous concrete - binder	Full
4		
5		
6		
7	6-1/4" BBC	Full
8		
9		
10		
11		
12	3-1/2" Crushed limestone	Partial
13		
14	E.O.C. Total 14-0"	
15		
16		
17		
18		
19		
20		

G-333

SOIL AND MATERIAL CONSULTANTS, INC. Date: 8/13/09
 8 WEST COLLEGE DRIVE OFFICE: (847) 870-0544
 ARLINGTON HEIGHTS, IL 60004 FAX: (847) 870-0581
 File No.: 19677

CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No: 4 Work Done By: AC & DA
 Location of Core: Army Trail - Station 209+00 - 12' L. of RL
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	1-1/4" Bituminous concrete - surface	Full
2	PETROMAT	
3	1-0" Bituminous concrete - surface	Full
4		
5		
6		
7	2-0" Bituminous concrete - binder	Full
8		
9		
10		
11		
12	6-1/4" BBC	Full
13		
14		
15	4-1/4" Crushed limestone	Partial
16		
17	E.O.C. Total 14-1/4"	
18		
19		
20		

G-333

SOIL AND MATERIAL CONSULTANTS, INC. Date: 8/13/09
 8 WEST COLLEGE DRIVE OFFICE: (847) 870-0544
 ARLINGTON HEIGHTS, IL 60004 FAX: (847) 870-0581
 File No.: 19677

CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No: 5 Work Done By: AC & DA
 Location of Core: Army Trail - Station 216+00 - 20' R. of RL
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	2-1/2" Bituminous concrete - surface	Full
2	PETROMAT	
3	2-1/4" Bituminous concrete - binder	Full
4		
5		
6		
7		
8	7-3/4" BBC	Full
9		
10		
11		
12		
13		
14		
15	5-1/2" Crushed limestone	Partial
16		
17	E.O.C. Total 18-0"	
18		
19		
20		

G-333

SOIL AND MATERIAL CONSULTANTS, INC. Date: 8/13/09
 8 WEST COLLEGE DRIVE OFFICE: (847) 870-0544
 ARLINGTON HEIGHTS, IL 60004 FAX: (847) 870-0581
 File No.: 19677

CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No: 6 Work Done By: AC & DA
 Location of Core: Army Trail - Station 223+00 - 25' L. of RL
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	1-0" Bituminous concrete - surface	Full
2	PETROMAT	
3	1-0" Bituminous concrete - surface	Full
4		
5	2-0" Bituminous concrete - binder	Full
6		
7		
8	8-1/4" BBC	Full
9		
10		
11		
12		
13		
14		
15		
16		
17	4-3/4" Crushed limestone	Partial
18		
19	E.O.C. Total 17-0"	
20		

G-333

SOIL AND MATERIAL CONSULTANTS, INC. BORING LOG 1
 Arlington Heights, Illinois (847) 870-0544
 Logged By: DA Page: 1 of 1
 Client: Baxter & Woodman, Inc. File No. 19677 Date Drilled: 8/13/09
 Reference: Mill Rd. & Army Trail Rd. Improvements Addison, IL
 Drilled By: AC
 Comments: Mill Road - Station 110+60, 10' R.
 Equipment: CME 45B CME 55 Hand Auger Other

Elev. ft.	Description	Depth, ft.	G	S	T	R	B	N	Pen.	W	Lw	Qu
(SEE CORE LOG)												
	Brown-gray clay, some silt, trace sand & gravel, damp, hard - Fill	1							5			
	Black silt, some clay, trace sand & gravel, damp, medium dense - Fill	2	SS	18"				15	21.0	108.2	4.2	
	Black silt, some clay, trace sand, damp, loose (topsoil)	3							26.4			
	Dark gray to brown-gray clay, some sand & gravel, damp-very damp, tough	4	SS	18"				9	1.25	22.3	104.4	1.8
	Dark gray to brown-gray clay, some sand & gravel, damp-very damp, stiff to very tough	5	SS	18"				5	1.25	27.4	96.2	0.2
		6							5			
		7							5			
		8							5			
		9							5			
		10	SS	18"				13	1.5	20.9	106.2	2.6
		11							5			
		12							5			
		13							5			
		14							5			
		15							5			
		16							5			
		17							5			
		18	SS	18"				10	1.5	20.8	109.9	1.3
		19										
		20										

F-116

Water encountered at dry feet during drilling operations (W.D.)
 Water recorded at d:7 feet on completion of drilling operations (A.D.)
 Water recorded at feet hours after completion of drilling operations (A.D.)

SOIL AND MATERIAL CONSULTANTS, INC. BORING LOG 2
 Arlington Heights, Illinois (847) 870-0544
 Logged By: DA Page: 1 of 1
 Client: Baxter & Woodman, Inc. File No. 19677 Date Drilled: 8/13/09
 Reference: Mill Rd. & Army Trail Rd. Improvements Addison, IL
 Drilled By: AC
 Comments: Mill Road - Station 109+60, 6' L.
 Equipment: CME 45B CME 55 Hand Auger Other

Elev. ft.	Description	Depth, ft.	G	S	T	R	B	N	Pen.	W	Lw	Qu
(SEE CORE LOG)												
	Crushed limestone, damp-saturated, dense to medium dense - Fill	1										
		2										
		3										
		4										
		5	SS	18"				32			4.9	
		6										
		7										
		8										
		9										
		10										
		11										
		12	SS	18"				25			4.5	
		13										
		14										
		15										
		16										
		17										
		18										
		19										
		20										

F-116

Water encountered at 7.0 feet during drilling operations (W.D.)
 Water recorded at 7.0 feet on completion of drilling operations (A.D.)
 Water recorded at feet hours after completion of drilling operations (A.D.)

I:\ADDN\070142-ARMY TRAIL-MILL LAPP & WATER MAIN\CADD-SURVEY\DRAWINGS\DWGS\070142-SOIL-BORELOG-SH59
 2/08/09 11:18:20 AM 143 PIV By: 231UBB
 Copyright © 2009, By Baxter & Woodman, Inc.
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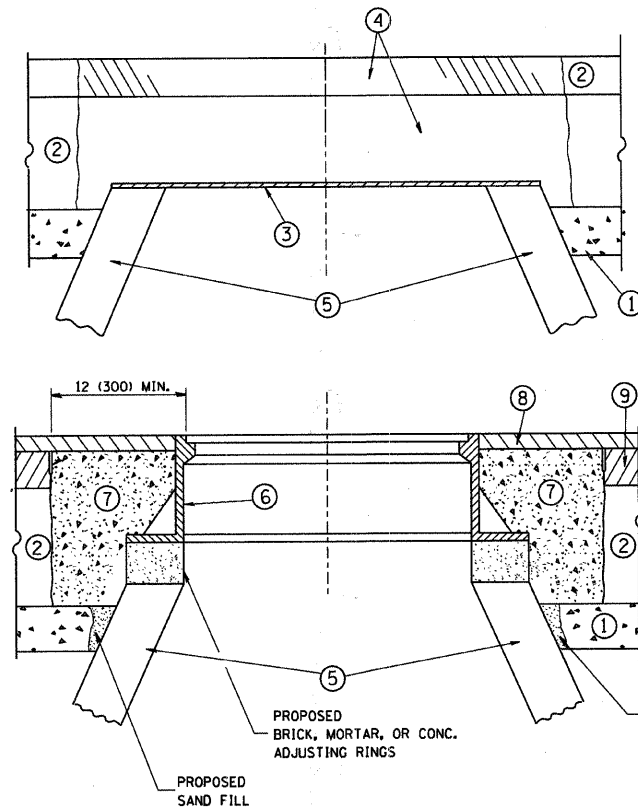


DESIGNED - JJS	REVISED - VILLAGE REVIEW 9-08-09
DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
 MILL ROAD AND ARMY TRAIL BOULEVARD
 STP IMPROVEMENTS

SCALE: HORIZ. 1"=20' / VERT. 1"=5'
 PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD. *2625 MILL ROAD	F.A.U. RTE. *	SECTION 09-00098-00-RS	COUNTY DuPage	TOTAL SHEETS 69	SHEET NO. 59
C-91-056-10		CONTRACT NO. 63427		FED. ROAD DIST. NO. 1 ILLINOIS	
FED. AID PROJECT M-9093 (474)					



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 SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

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 SI CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

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.

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.

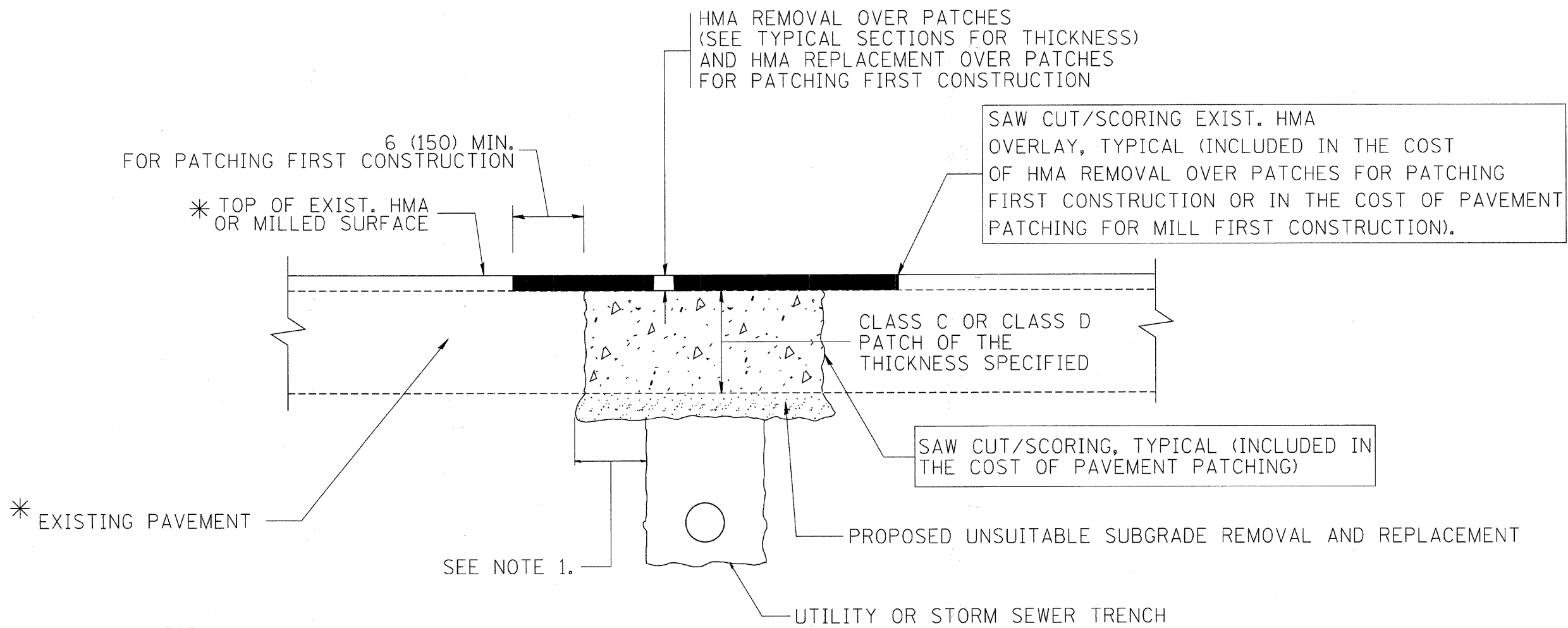
BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"
NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

* 3884 ARMY TRAIL BOULEVARD
* 2625 MILL ROAD

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = W:\diststd\22x34\bd08.dgn	USER NAME = gegl.enobt	DESIGNED - R. SHAH	REVISED - R. SHAH 03-10-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	* 09-00098-00-RS	DUPAGE	69	60
PLOT DATE = 1/4/2008	DATE - 10-25-94	REVISED - R. WIEDEMAN 05-14-04	REVISED - R. BORO 01-01-07					BD600-03 (BD-8)	CONTRACT NO. 63427			
								FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT M-9003 (474)				



* 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)

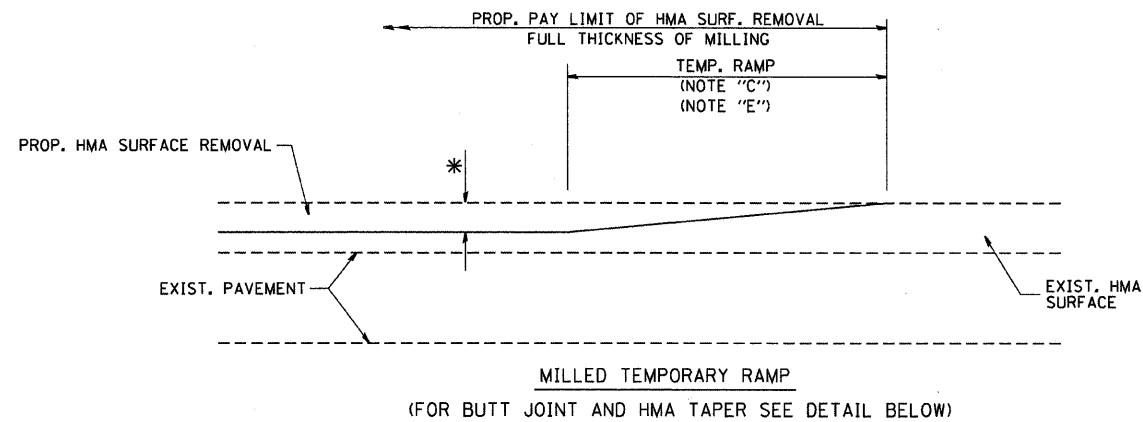
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

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.

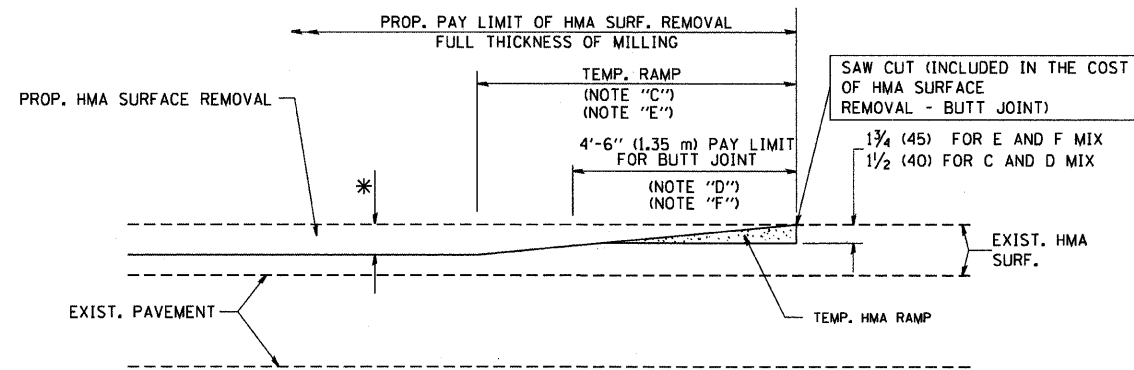
* 3884 ARMY TRAIL BOULEVARD
 * 2625 MILL ROAD
 ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = c:\projects\diststd22\34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	09-00098-00-RS	DuPAGE	69	61
		PLOT SCALE = 50.000 / IN.	CHECKED -		REVISED - R. BORO 09-04-07				BD400-04 (BD-22)			
		PLOT DATE = 10/27/2008	DATE - 10-25-94		REVISED - K. ENG 10-27-08				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)			



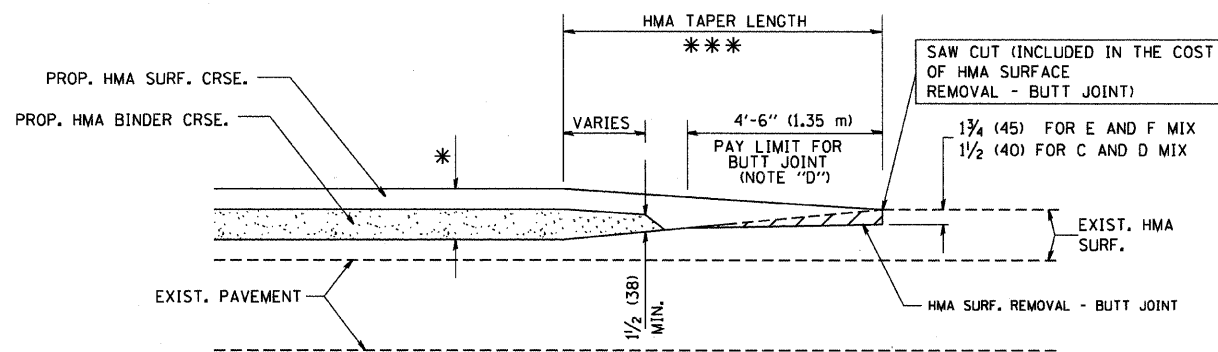
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

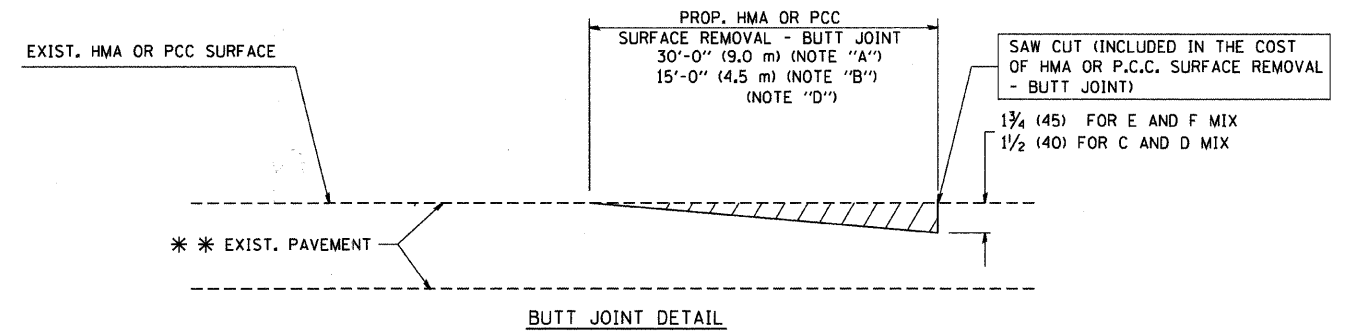


HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

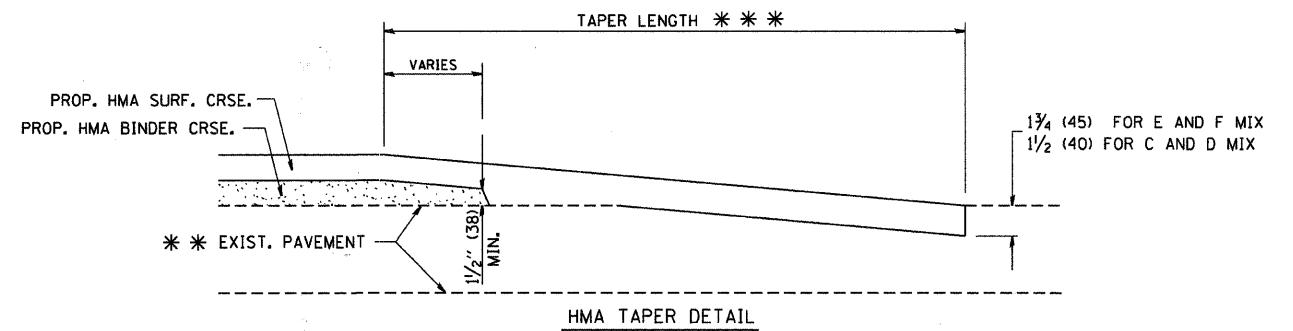
OPTION 2
TYPICAL TEMPORARY RAMP



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



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

NOTES

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

BASIS OF PAYMENT:

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

* 3884 ARMY TRAIL BOULEVARD
* 2625 MILL ROAD

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

FILE NAME =
W:\dststd\22x34\bd32.dgn

USER NAME = gaglianobt

DESIGNED - M. DE YONG
DRAWN -

REVISED - R. SHAH 10-25-94
REVISED - A. ABBAS 03-21-97

PLOT SCALE = 50.0000' / IN.

CHECKED -

REVISED - M. GOMEZ 04-06-01
REVISED - R. BORO 01-01-07

PLOT DATE = 1/4/2008

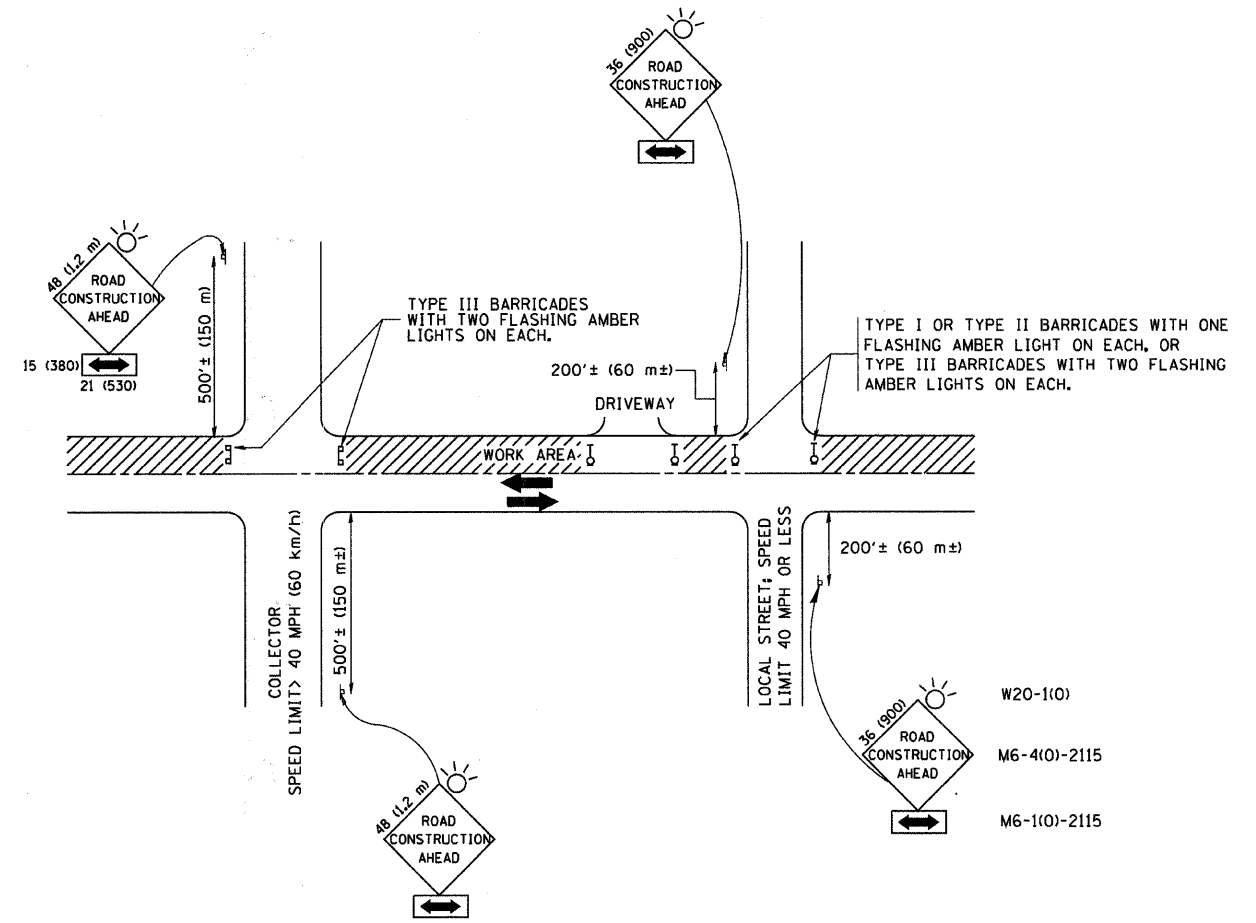
DATE = 06-13-90

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPAGE	69	62
BD400-05 BD32			CONTRACT NO. 63427	



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE-HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

* 3884 ARMY TRAIL BOULEVARD
* 2625 MILL ROAD

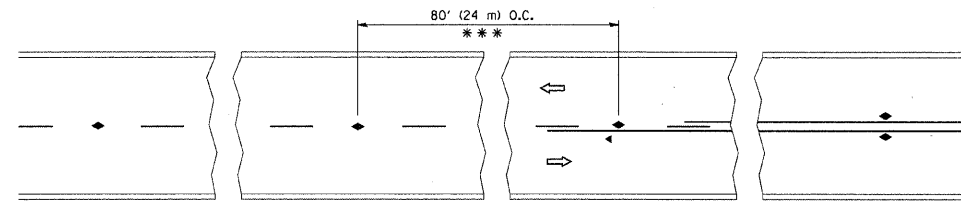
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\distatd\22x34\1c1l8.dgn	USER NAME = geglinoht	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

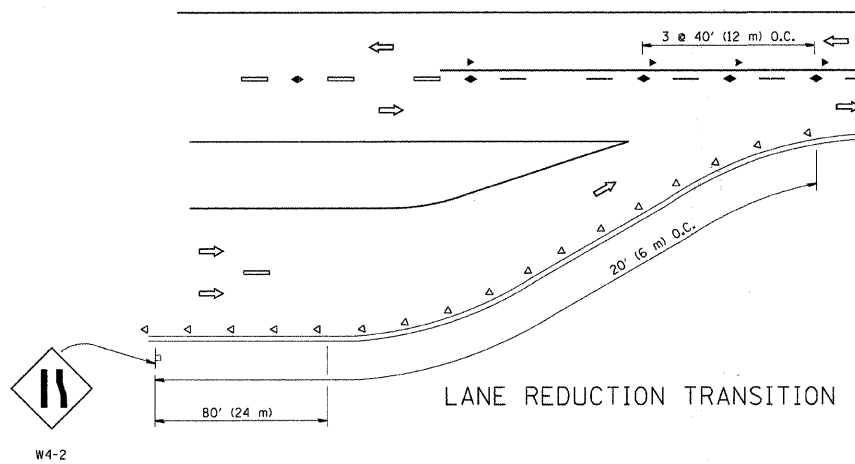
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. 1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-00098-00-RS	DuPAGE	69	63
TC-10			CONTRACT NO. 63427	
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT M-9003 (474)				

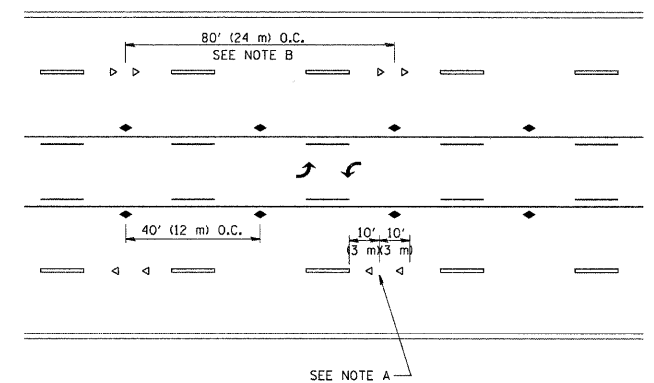


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

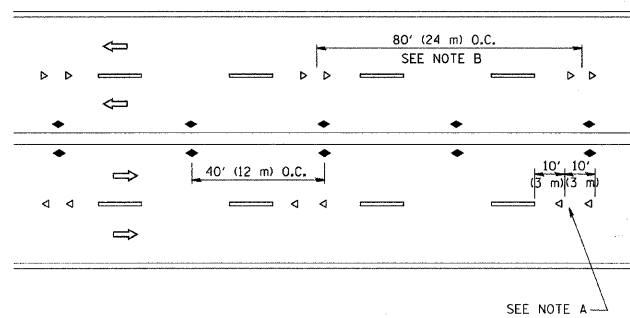
TWO-LANE/TWO-WAY



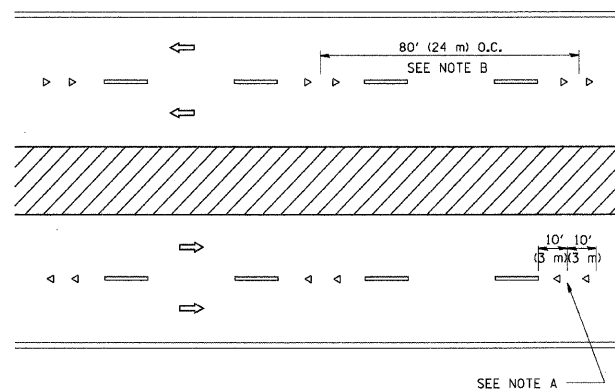
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

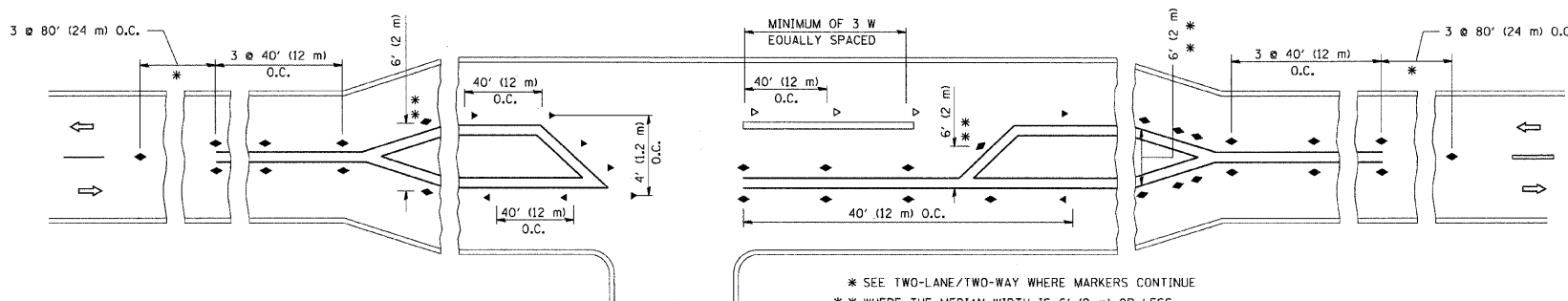
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

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



LEFT TURN

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

* 3884 ARMY TRAIL BOULEVARD
 * 2625 MILL ROAD

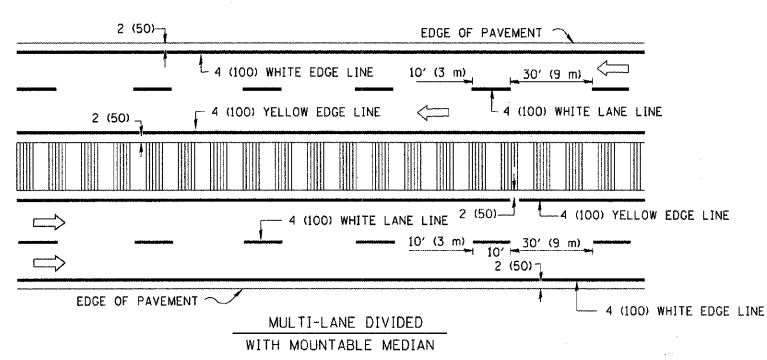
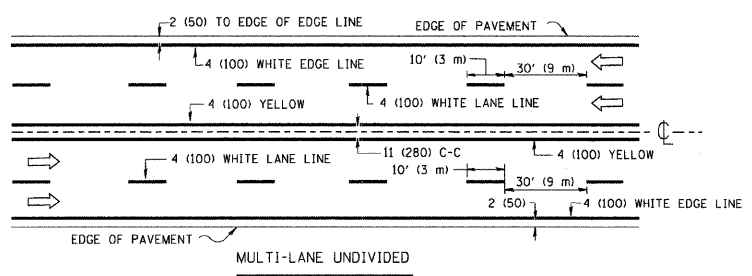
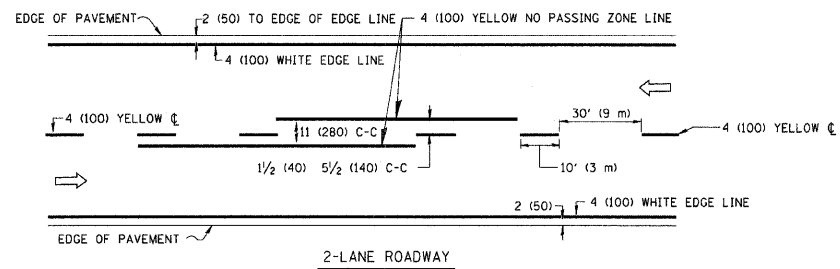
All dimensions are in inches (millimeters) unless otherwise shown.

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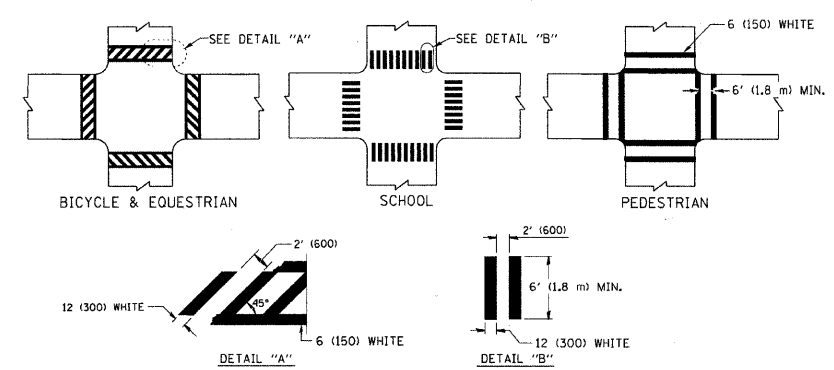
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

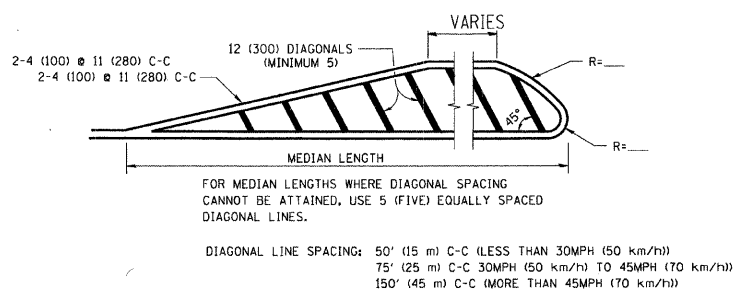
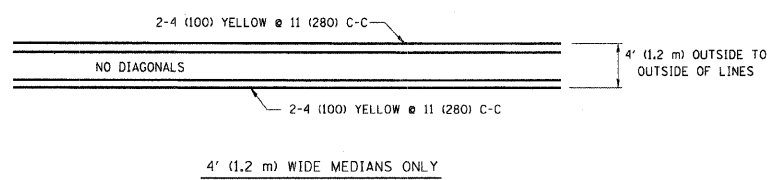
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	09-0098-00-RS	DuPAGE	69	64
TC-11			CONTRACT NO. 63427	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)				



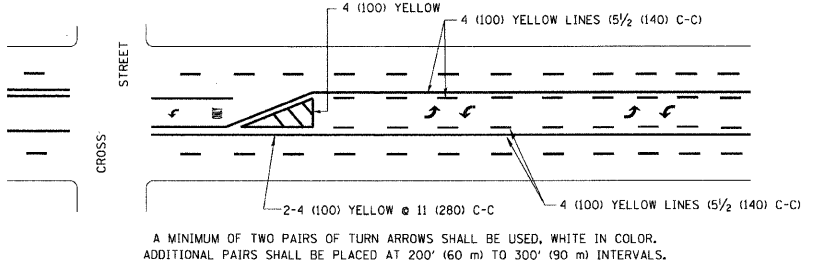
TYPICAL LANE AND EDGE LINE MARKING



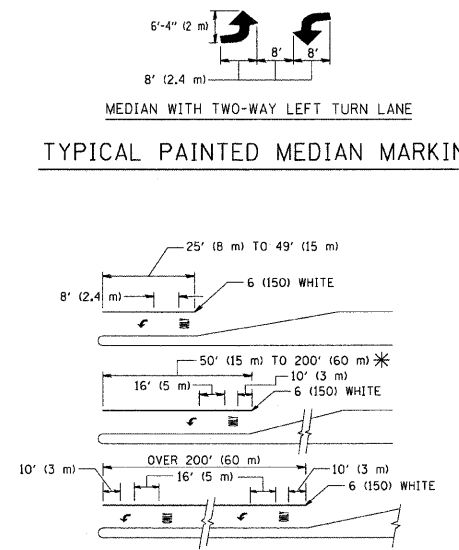
TYPICAL CROSSWALK MARKING



MEDIANS OVER 4' (1.2 m) WIDE



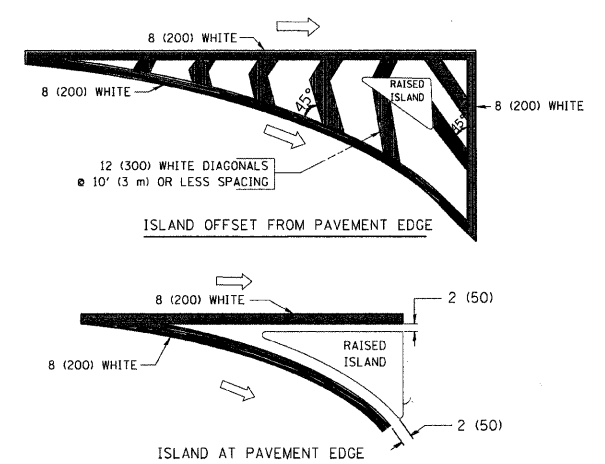
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²) * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 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 ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

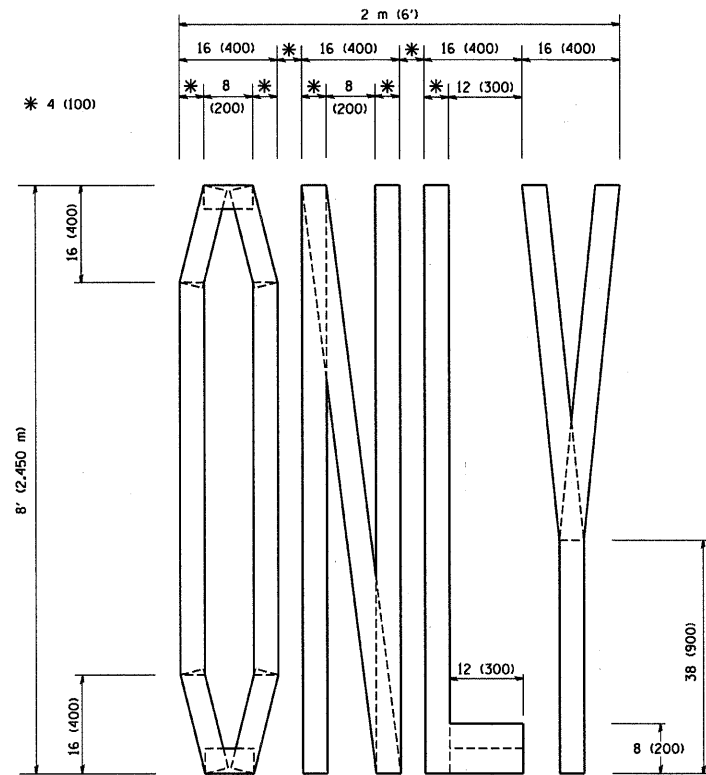
All dimensions are in inches (millimeters) unless otherwise shown.

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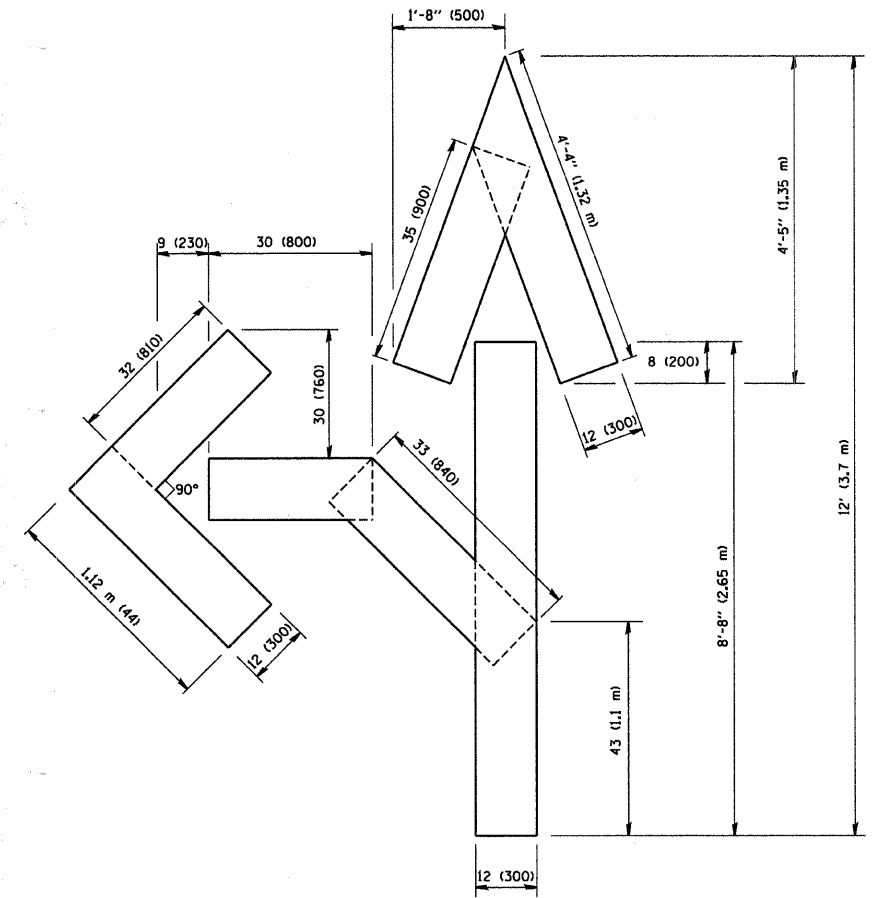
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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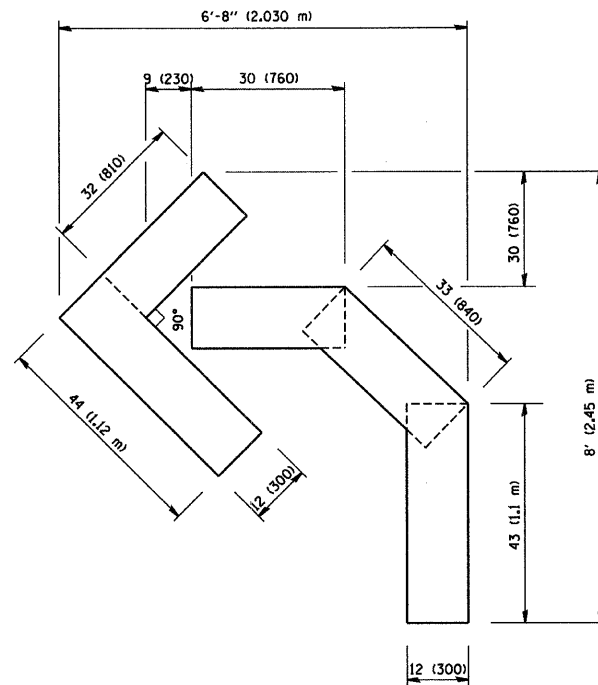
* 3884 ARMY TRAIL BOULEVARD
* 2625 MILL ROAD



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

* 3884 ARMY TRAIL BOULEVARD
 * 2625 MILL ROAD

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

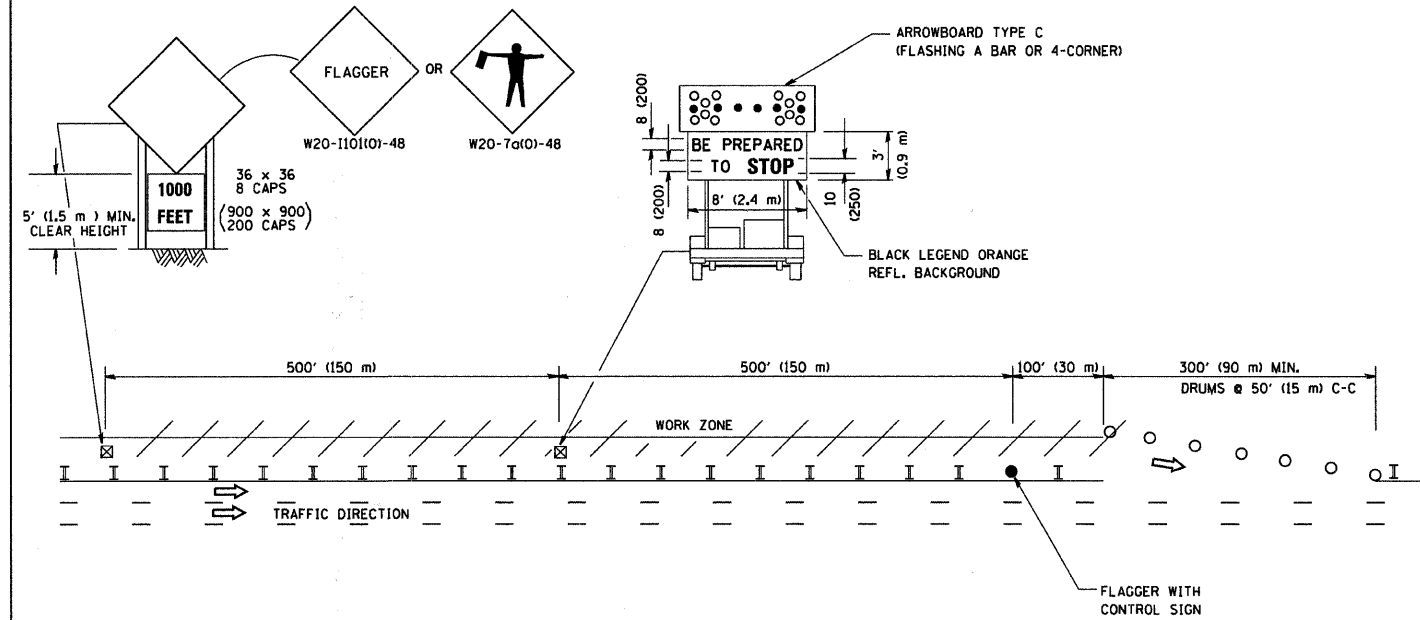
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

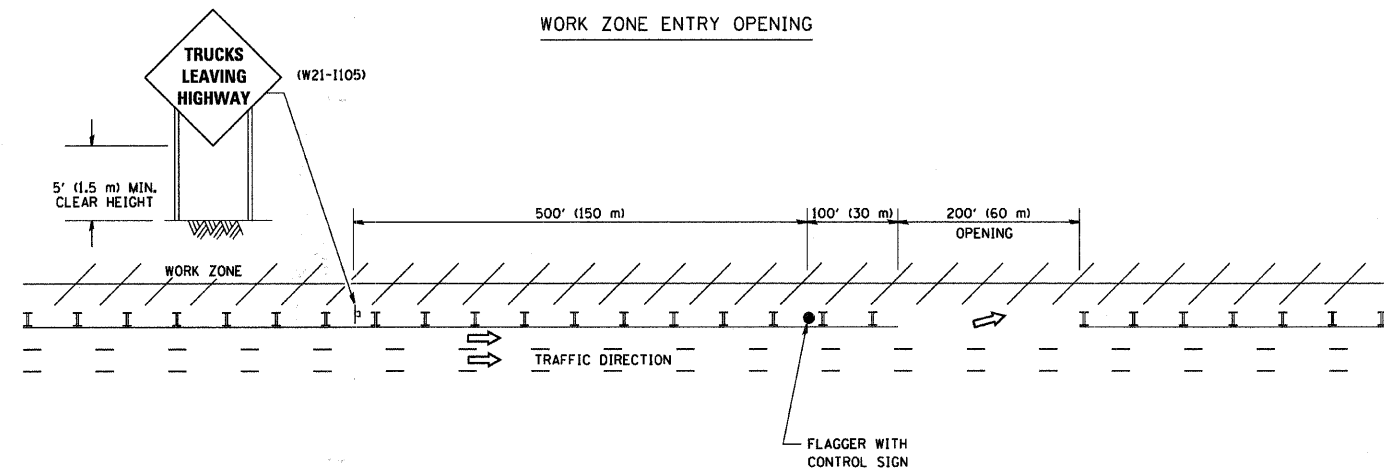
PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING		F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		TO STA.	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT M-9003 (474)			

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

* 3884 ARMY TRAIL BOULEVARD
* 2625 MILL ROAD

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

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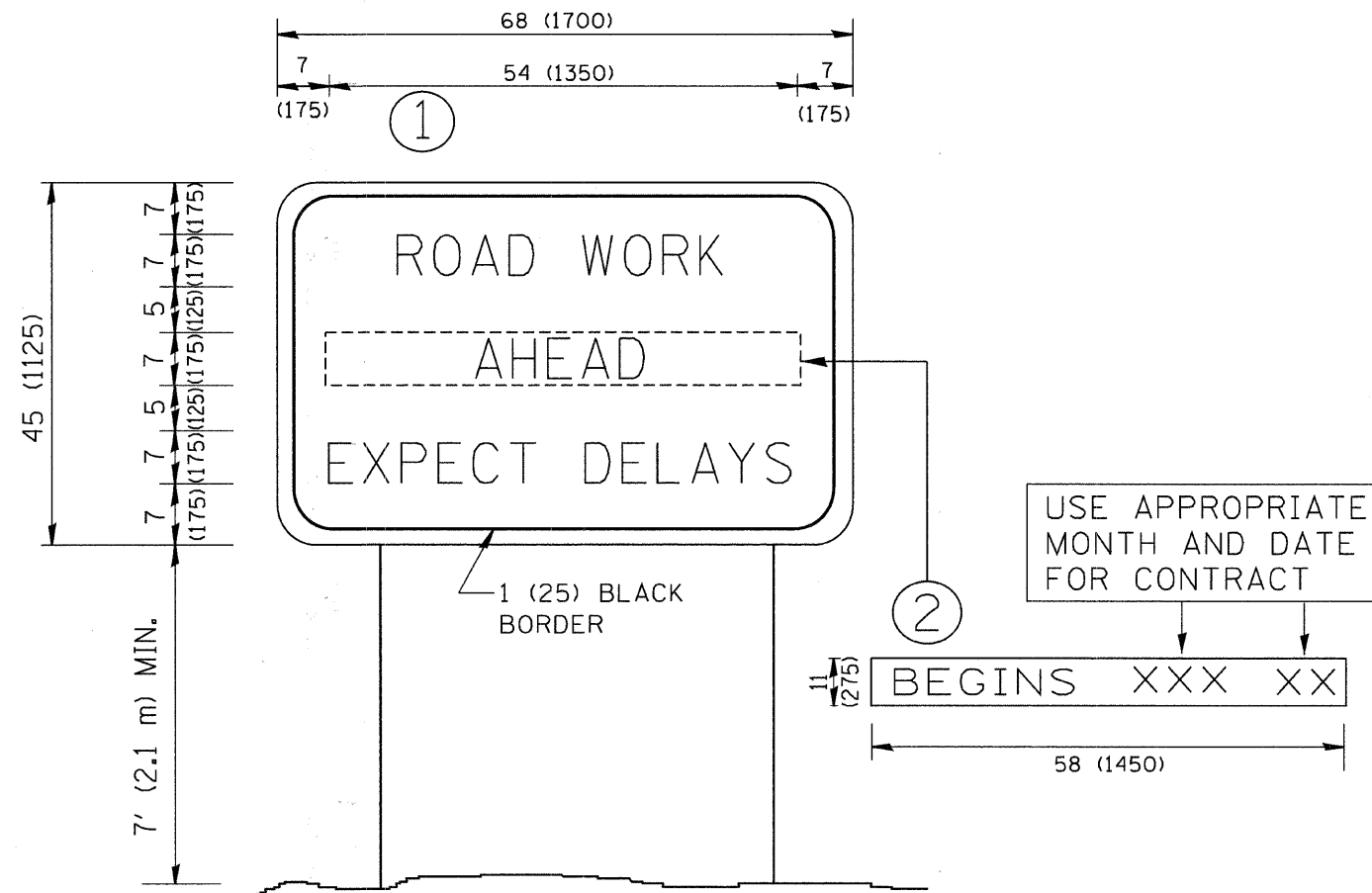
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS

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

F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	TC-18	CONTRACT NO.	63427	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (474)				

C-91-056-10



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.

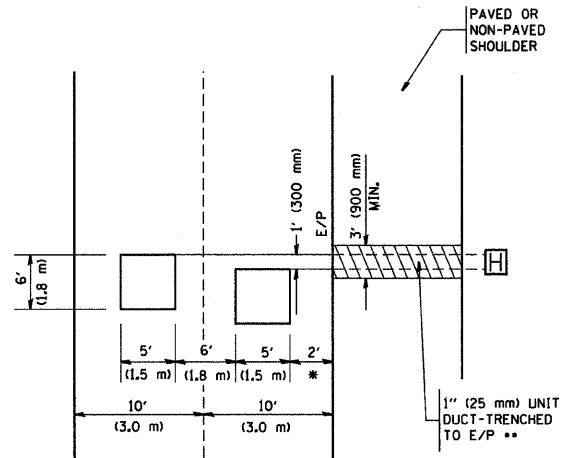
* 3884 ARMY TRAIL BOULEVARD
 * 2625 MILL ROAD

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

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		DATE -	REVISED - C. JUCIUS 01-31-07						FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT M-9003 (474)			

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

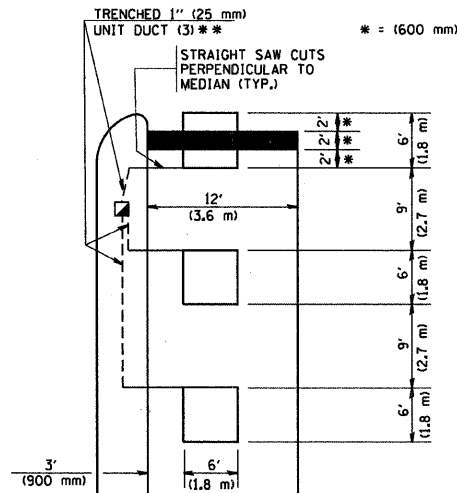


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

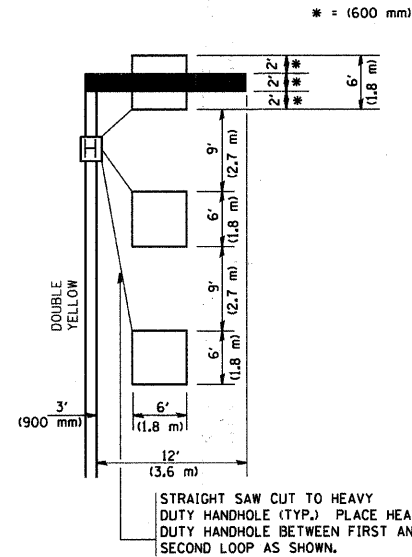


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

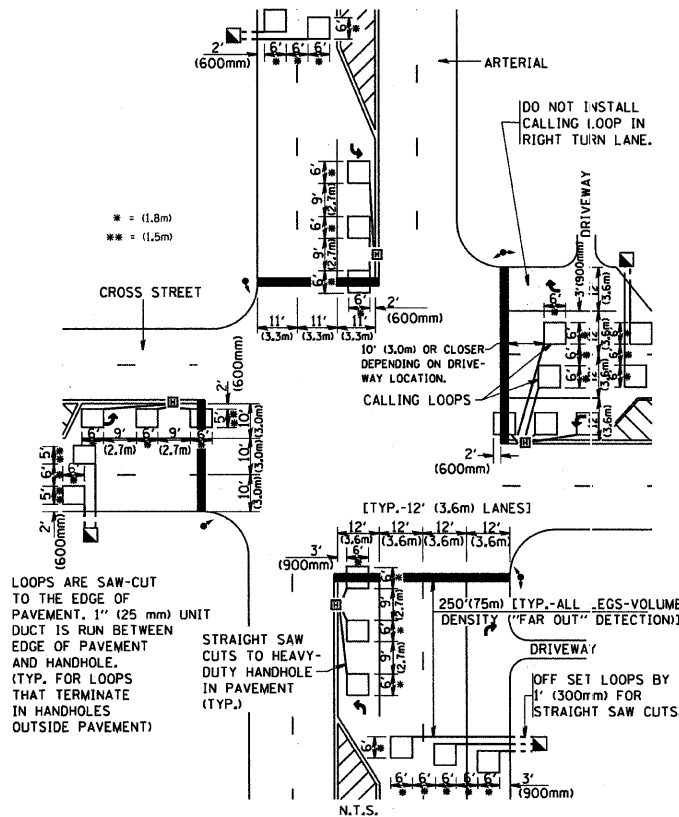
**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**



* = (600 mm)

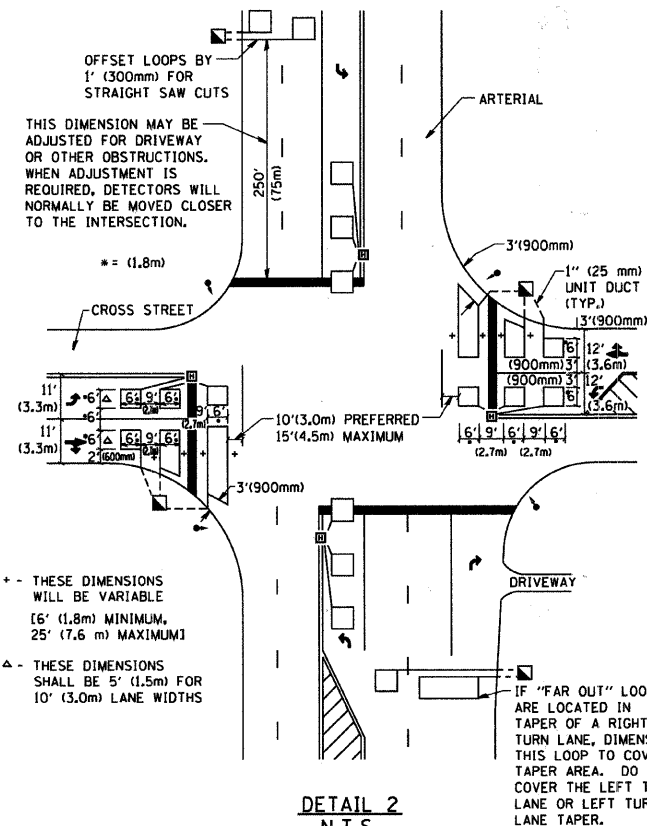
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1
N.T.S.**

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



**DETAIL 2
N.T.S.**

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DIMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

* 3884 ARMY TRAIL BOULEVARD
* 2625 MILL ROAD

FILE NAME = W:\diststd\22x34\ts07.dgn	USER NAME = gaglionobt	DESIGNED -	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 50.0000' / IN.	CHECKED - R.K.F.	DRAWN -	REVISIONS -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	*	09-00098-00-RS	DuPAGE	69	69
PLOT DATE = 1/4/2008	DATE -	REVISIONS -	REVISIONS -						TS-07		CONTRACT NO. 63427		
									FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		M-9003 (474)		