**COVER SHEET, INDEX OF SHEETS & STATE STANDARDS** 

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

# **DIVISION OF HIGHWAYS**

## PLANS FOR PROPOSED FEDERAL AID HIGHWAY

## SURFACE TRANSPORTATION URBAN FUNDS

**FAU ROUTE 400 (MINOOKA ROAD)** UTILITY RELOCATION

PROJECT NO.: M-4003(176)

SECTION NO.: 12-00007-00-BR

VILLAGE of MINOOKA **GRUNDY COUNTY** 

JOB NO.: C-93-074-13

## **HIGHWAY STANDARDS**

INDEX OF SHEETS

DETAILS

9.-10.

**GENERAL NOTES** 

PLAN AND PROFILE

SUMMARY OF QUANTITIESS **ALIGNMENT, TIES & BENCHMARKS** 

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 001006 **DECIMAL OF AN INCH AND OF A FOOT** 

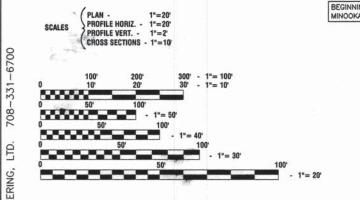
280001-07 TEMPORARY EROSION CONTROL SYSTEMS 604001-03 FRAME AND LIDS - TYPE 1

OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY 701001-02

701006-04 OFF-RD OPERATIONS, 2L, 2W, 15' TO 2' FROM PAVEMENT EDGE 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, >/ 45 MPH

701901-03 TRAFFIC CONTROL DEVICES

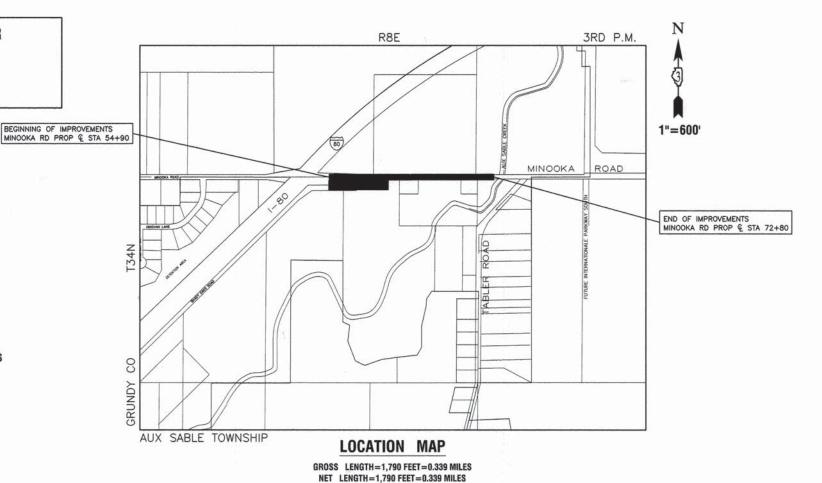
MINOOKA ROAD - MAJOR COLLECTOR  $2010 \cdot ADT = 2800$ PV=92.5% SU=5.2% MU=2.3% DESIGN SPEED = 45 mph



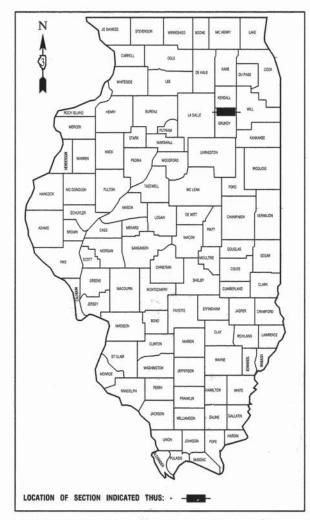
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS. THE ABOVE SCALES MAY BE USED

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

CONTRACT NO. 87550



400 12-00007-00-BR STA. 54+90 TO STA. 72+80 FED. ROND DIST. NO. 3 | ELLINOIS | FED. AID PROJECT M-4003(176) CONTRACT #87550



	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
Approved _	Aug 16, 2013	
-	Patrick J. Berna_ President, Village of MINOOKA	
Approved	Aug 16, 2013	
-	Craig Cassern, Grundy County Engineer	
Passed	Aug 24, 2013	
4	District 3 Engineer of Local Roads & Streets	
eleased for Bid sed on Limited Review	Aug 26, 2013	
-	Paul A Loct of Deputy Director of Highways, Region 2 Engineer	

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS





LICENSE EXPIRES: 11/30/13

## **GENERAL NOTES**

- ALL CONSTRUCTION SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER
- SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER
- ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS
- ALL ELEVATIONS REFER TO U.S.G.S MEAN SEAL LEVEL DATUM.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED
- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
- 8. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

			0.00
GRANULAR MATERIALS	2.05	TONS / CU YD	

- WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE
- 10. MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

COMCAST CABLE COMED NICOR GAS AT&T

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

VILLAGE OF MINOOKA

## **FORCE MAIN NOTES**

- 1. PRESSURE TAPS SHALL BE DUCTILE IRON FOR SIZE-ON-SIZE TAPS OR TAPS.
- 2. CUT-IN-SLEEVES SHALL BE MUELLER, CLOW, OR VILLAGE APPROVED EQUAL.
- ALL EXISTING PIPE SHALL BE EXPOSED AND MEASURED TO ASSURE PURCHASE OR FABRICATION OF THE PROPER FITTING PRIOR TO EXISTING MAINS BEING SHUT-DOWN OR CUT. THE CONTRACTOR IS CAUTIONED THAT SOME EXISTING MAINS MAY BE SAND-CAST OR ASBESTOS CEMENT.
- PRIOR TO MAKING CUT-IN-CONNECTIONS, THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE VILLAGE OF MINOOKA ON PROCEDURE, NOTIFICATIONS TO USERS, AND TIMING.
- 5. EXISTING FORCE MAIN TO BE ABANDONED IN-PLACE UNLESS OTHERWISE NOTED TO BE REMOVED. ONCE SANITARY SEWER IS CUT AND CAPPED, CONTRACTOR SHALL PUMP CONTROLLED LOW STRENGTH MATERIAL (CLSM - ARTICLE 593 OF THE STANDARD SPECIFICATIONS) INTO THE ABANDONED PIPE.

## **GENERAL WATER NOTES**

- 1. AN APPROVED IEPA CONSTRUCTION PERMIT MUST BE RECEIVED BY THE DIRECTOR OF PUBLIC WORKS PRIOR TO
- 2. ALL MATERIAL SHALL BE MANUFACTURED IN THE UNITED STATES OF AMERICA. A LETTER OF CERTIFICATION OF THE COUNTRY OF ORIGIN MUST BE PROVIDED IF REQUESTED BY THE VILLAGE.
- THE CONTRACTOR SHALL COORDINATE ALL WORK ON WATERMAIN SYSTEMS WITH THE VILLAGE OF MINOOKA.
  CONSTRUCTION SHALL BE STAGED TO MAINTAIN SERVICE TO ADJACENT PROPERTIES. TEMPORARY SYSTEM SHUTDOWNS SHALL BE OF SHORT DURATION AND HAVE PRIOR WRITTEN APPROVAL FROM THE VILLAGE OF MINOOKA
- 4. NO DISCONNECTION FROM EXISTING OR CONNECTION TO PROPOSED IS TO BE PERFORMED UNTIL THE NEW WATERMAIN IS TESTED AND PLACED INTO SERVICE. NOTIFICATION OF INTERRUPTION OF SERVICE SHALL BE MADE TO THOSE AFFECTED BY THE CONTRACTOR IN WRITING A MINIMUM OF 24 HOURS IN ADVANCE.

- ATERMAIN

  WATERMAIN SHALL BE DUCTILE IRON, CLASS 52, IN ACCORDANCE WITH AWWA LATEST STANDARDS. THE
  WATERMAIN SHALL BE BITUMINOUS COATED WITH CEMENT LINING IN ACCORDANCE WITH AWWA LATEST STANDARDS.

  JOINTS SHALL BE PUSH-ON IN ACCORDANCE WITH AWWA LATEST STANDARDS, EXCEPT GASKETS SHALL BE
  NEOPRENE OR OTHER SYNTHETIC RUBBER.
- FITTINGS SHALL BE CEMENT LINED DUCTILE IRON OR CAST IRON IN ACCORDANCE WITH AWWA LATEST STANDARD RATED AT 350 PSI.

   WATERMAIN DEPTH SHALL BE A MINIMUM OF SIXTY—SIX INCHES (66") AND A MAXIMUM DEPTH OF SEVENTY—TWO
- INCHES (72") FROM THE PROPOSED GROUND SURFACE.

  WATERMAIN SHALL BE INSTALLED WITH HYDRANTS AT HIGH POINTS.
- 6. RESTRAINING GLANDS ALL MECHANICAL JOINT FITTINGS, VALVES, FIRE HYDRANTS, ETC. SHALL BE RESTRAINED WITH A RESTRAINING DEVICE SUCH AS MEGA LUG SERIES 1100.
- 7. CONCRETE THRUST BLOCKS

  - CONCRETE SHALL BE CLASS SI.
     WHERE HORIZONTAL BEND IS MADE, THE PIPING SHALL BE RESTRAINED BY MEANS OF A THRUST BLOCK AS DETAILED ON THE DRAWINGS.
  - CONCRETE SHALL BEAR ON ONE COMPLETE QUADRANT OF PIPE AT A MINIMUM.
     MINIMUM THRUST BLOCK AREA SHALL BE PER VILLAGE OF MINOOKA STANDARDS

## PRESSURE CONNECTION NOTES

- PRESSURE TAPS SHALL BE DUCTILE IRON FOR SIZE—ON—SIZE TAPS OR TAPS ON MAINS GREATER THAN 12". STAINLESS STEEL TAPPING SLEEVES CAN ONLY BE USED FOR NON—SIZE ON SIZE TAPS ON MAINS LESS THAN OR EQUAL TO 12".
- 2. CUT-IN-SLEEVES SHALL BE MUELLER, CLOW, OR VILLAGE APPROVED EQUAL.
- ALL EXISTING PIPE SHALL BE EXPOSED AND MEASURED TO ASSURE PURCHASE OR FABRICATION OF THE PROPER FITTING PRIOR TO EXISTING MAINS BEING SHUT-DOWN OR CUT. THE CONTRACTOR IS CAUTIONED THAT SOME EXISTING MAINS MAY BE SAND-CAST OR ASBESTOS CEMENT.
- PRIOR TO MAKING CUT-IN-CONNECTIONS, THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE VILLAGE OF MINOOKA ON PROCEDURE, NOTIFICATIONS TO USERS, AND TIMING.
- 5. THE CONNECTION SHALL BE DISINFECTED.

## WATERMAIN TESTING NOTES

- 1. ALL WATERMAIN SHALL BE PRESSURE TESTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, JULY 2009 FIFTH EDITION.
- ALL WATERMAIN INCLUDING THE EXISTING WATERMAIN SOUTH TO THE TWIN RAIL DRIVE VALVE SHALL BE DISINFECTED IN ACCORDANCE TO METHODS STATED IN AWWA STANDARD C651, LATEST EDITION.
- ALL DISINFECTION SHALL BE UNDER THE DIRECT SUPERVISION OF A LICENSED VILLAGE OF MINOOKA WATER OPERATOR OR DESIGNATED REPRESENTATIVE.
- 4. BACTERIOLOGICAL SAMPLES ARE REQUIRED AT ALL DEAD ENDS, AT A MAXIMUM OF 1,250-FOOT-INTERVALS ON STRAIGHT THROUGH PIPE RUNS AND TAKEN BY A LICENSED IEPA WATER OPERATOR EMPLOYED BY THE VILLAGE OF MINOOKA OR BY A PRE-APPROVED PRIVATE FIRM.
- PRECAUTIONS SHALL BE FOLLOWED TO ENSURE THAT ANY OF THE DISINFECTING AGENTS DO NOT FLOW BACK
- ALL WATERMAINS SHALL BE FLUSHED TO REMOVE ANY SOLIDS OR CONTAMINATED MATERIAL THAT MAY HAVE 6. BECOME LODGED IN THE PIPE. ARRANGEMENTS MUST BE MADE PRIOR TO FLUSHING WITH THE PUBLIC
- ALL WATERMAINS SHALL BE TESTED BY MEANS OF REPRESENTATIVE SAMPLES FROM THE NEWLY INSTALLED SYSTEM FOR BACTERIOLOGICAL CONTAMINATION BY A CERTIFIED IEPA LABORATORY.

## **VALVE VAULT NOTES**

- 1. VALVE VAULTS ARE REQUIRED FOR EIGHT INCH (8") OR LARGER VALVES.
- 2. ALL VALVE VAULTS SHALL BE PRECAST REINFORCED CONCRETE ONLY.
- ALL VALVE VAULTS SHALL HAVE NO MORE THAN TWO ADJUSTING RINGS WITH A MINIMUM OF FOUR INCHES (4") AND A MAXIMUM OF TWELVE INCHES (12") OF ADJUSTING RINGS. RUBBER ADJUSTING RINGS ARE REQUIRED FOR ANY RINGS THAT ARE TWO INCHES (2") IN THICKNESS OR LESS. THE TOP RING UNDER PAVED SERVICES SHALL BE A ONE INCH (1") RUBBER RING — FOR A TOTAL OF THREE (3) RINGS.
- ALL LIFTING HOLES, JOINTS BETWEEN PRECAST REINFORCED CONCRETE SECTIONS, GAPS BETWEEN PIPES AND STRUCTURES SHALL BE TUCKPOINTED WITH HYDRAULIC CEMENT.
- 5. ALL CASTING SHALL BE SET ON BITUMASTIC MATERIAL
- 6. BITUMASTIC MATERIAL SHALL BE PLACED BETWEEN PRECAST REINFORCED CONCRETE SECTIONS.
- 7. ALL VALVE VAULTS SHALL HAVE NEOPRENE COATED OR FIBERGLASS STEPS.
- VALVE VAULT SHALL BE NEENAH R-1550-A FRAME (LID TYPE B) WITH "VILLAGE OF MINOOKA WATER" CAST ON THE COVER OR AN EAST JORDAN IRON WORKS 1050 FRAME, HEAVY DUTY COVER WITH "VILLAGE OF MINOOKA WATER" CAST ON THE LID.
- 9. VALVE OPERATING NUTS SHALL BE ACCESSIBLE THROUGH THE FRAME AND LID.
- 10. ALL VALVE VAULTS SHALL BE SET ON A SIX INCH (6") CA-7 CUSHION.

### FIRE HYDRANT NOTES

- 1. ALL FIRE HYDRANTS SHALL HAVE A FIVE AND ONE QUARTER INCH (5-1/4") MAIN VALVE OPENING.
- 2 HYDRANT COLOR SHALL BE AS DIRECTED BY THE VILLAGE.
- THE HYDRANT SHALL BE FOR A FIVE AND ONE HALF FOOT (5-2') BURY DEPTH.
- 4. HYDRANT SHALL HAVE TWO (2) TWO AND ONE-HALF INCH  $(2-\frac{1}{2}")$  HOSE CONNECTIONS AND ONE (1) FOUR AND ONE HALF INCH (4-2") CONNECTION.
- 5. THREADS SHALL BE NATIONAL STANDARD
- 6. THE HYDRANT SHALL HAVE A BREAKAWAY TRAFFIC FLANGE AND CONNECTION.
- 7. HYDRANT SHOES SHALL BE EITHER SIX INCH (6") MECHANICAL JOINT OR FLANGED DEPENDING ON THE
- HYDRANT LEADS MAY BE 6 INCH (6") SWIVEL ANCHORING COUPLING. HYDRANT TEES SHALL BE USED IN LIEU OF SWIVEL ANCHORING COUPLING PIPE IF NECESSARY.
- 9. ALL FIRE HYDRANTS (EXISTING AND PROPOSED) NOT IN SERVICE SHALL BE BAGGED OR IDENTIFIED WITH
- 10. ALLOWABLE HYDRANTS ARE MUELLER SUPER CENTURION 250 AND CLOW MEDALLION.
- 11. FIRE HYDRANT TO BE RELOCATED
  - THE WORK SHALL BE COORDINATED TO MINIMIZE DISRUPTION OF SERVICE. NO DISCONNECTION FROM FIRE WORK SHALL BE CONCIONATED TO MINIMIZE DISROPTION OF SERVICE. NO DISCONNECTION FROM EXISTING OR CONNECTION TO PROPOSED IS TO BE PERFORMED UNTIL THE NEW WATERMAIN IS TESTED AND PLACED INTO SERVICE AND ALL SHALL SHALL BE PERFORMED PRIOR TO ABANDONING THE EXISTING WATERMAIN. NOTIFICATION OF INTERRUPTION OF SERVICE SHALL BE MADE TO THOSE AFFECTED BY THE CONTRACTOR IN WRITING A MINIMUM OF 24 HOURS IN ADVANCE. THE VILLAGE OF MINOOKA PUBLIC WORKS DEPARTMENT SHALL APPROVE ALL INTERRUPTIONS TO SERVICE IN ADVANCE. THE CONTRACTOR MAY HAVE TO VERIFY THE EXISTING TYPE OF MATERIALS USED FOR EXISTING WATERMAINS PRIOR TO STARTING CONSTRUCTION.

## **VALVE NOTES**

- 1. VALVES SHALL BE MECHANICAL JOINT RESILIENT WEDGE GATE VALVES.
- 2. VALVES SHALL BE CAST IRON, BRONZE MOUNTED, O-RING SEAL, WITH BRONZE NON-RISING STEMS.
- 3. VALVES SHALL BE OPEN LEFT AND BE TESTED TO 500 PSI WITH A 250 PSI WORKING PRESSURE.
- 4. ALLOWABLE VALVE MANUFACTURERS ARE AMERICAN FLOW CONTROL, MUELLER, AND CLOW.
- 5. ALL EXISTING WATER VALVES TAKEN OUT OF SERVICE ARE TO BE REMOVED IN THEIR ENTIRETY, CUT AND PLUG BOTH ENDS OF WATERMAIN UPSTREAM AND DOWNSTREAM OF REMOVED VALVE

## **VALVE BOX NOTES**

- VALVE BOXES SHALL BE ADJUSTABLE, 2-PIECE CAST IRON, FIVE AND ONE-QUARTER INCH (5- ‡") SHAFT ROADWAY-TYPE AND NO-TILT DROP COVER WITH "WATER" CAST INTO IT.
- VALVE BOX EXTENSIONS WHEN NECESSARY SHALL BE CENTER SCREW TYPE EXTENSION THREADED MALE AT THE TOP AND FEMALE AT THE BOTTOM. THE EXTENSION SHALL BE COMPATIBLE WITH THE FIVE AND
- 3. VALVE BOX STABILIZER OF PVC MANUFACTURED BY VALVE BOX STABILIZER, INC. OR STABILIZER OF RUBBER BY VALVE BOX ADAPTER II MANUFACTURED BY ADAPTOR, INC. FOR SIX INCH (6") THROUGH TEN INCH (10")
- 4. VALVE BOX MUST HAVE ADDITION UPWARD OR DOWNWARD TRAVEL WHEN ADJUSTED TO FINISHED GRADE

FILE NAME = 12667-NOTE-01 - N-1	USER NAME =	DESIGNED — KJB	REVISED		MINOOKA ROAD	F.A.U.	SECTION	COUNTY	TOTAL SHEET
1		CHECKED — BDB	REVISED —	STATE OF ILLINOIS UTILITY RELOCATION		400	12-00007-00-BR	GRUNDY	10 2
1	PLOT SCALE =	DRAWN — JJB	REVISED —	DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	344	12 00001 00 011		OT NO. 87550
	PLOT DATE = 6-28-2013	CHECKED — ACAD	REVISED —		SCALE: SHEET NO. 2 OF 10 SHEETS STA. TO STA.	FED. ROAD I	DIST. NO. 3 TILLINOIS FE		

	T T	SUMMARY OF QUANTITIES		CONSTRUCTION TYPE CODE
S.I.	CODE NO.	PAY ITEM	UNIT QUAN	0043
	20800150	TRENCH BACKFILL	CU YD 909	909
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND 240	240
	28000400	PERIMETER EROSION BARRIER	FOOT 1780	1780
	40200700	AGGREGATE SURFACE COURSE, TY A, 8"	SQ YD 121	121
	56105300	WATER VALVES, 16"	EACH 4	4
	56200300	WATER SERVICE LINE 1"	FOOT 120	120
	56201400	CORPORATION STOPS 1"	EACH 2	2
	56400500	FIRE HYDRANTS TO BE REMOVED	EACH 4	4
	56500400	DOMESTIC METER VAULTS TO BE REMOVED	EACH 1	1
	56500500	DOMESTIC METER VAULTS	EACH 2	2
	60248900	VALVE VAULTS, TYPE A, 5' DIA., TY 1 FR & CL	EACH 4	4
	61100500	EXPLORATION TRENCH 52" DEPTH	FOOT 200	200
	67100100	MOBILIZATION	L SUM 1	1
	X0326747	SANITARY FORCE MAIN, 6"	FOOT 1851	1851
	X0326749	AIR RELEASE VALVE MANHOLE	EACH 1	1
	X0327241	STEEL CASING PIPE IN TRENCH, 24 INCH	FOOT 40	40
	X5610004	DUCTILE IRON WATER MAIN FITTINGS	POUND 6272	6272
	X5610651	ABANDON EX. WATER MAIN FILL W/CLSM	FOOT 1893	1893
	X5630716	CONNECTION TO EXISTING WATER MAIN,16"	EACH 2	2
	X5640175	FIRE HYDRANT COMPLETE	EACH 5	5
	X7010216	TRAF CONT & PROT SPL	L SUM 1	1
	XX008409	DI WM CL52 POLY EN 16	FOOT 1853	1853
	Z0001100	AIR RELEASE VALVE	EACH 1	1
	XX008901	STEEL CASING PIPE IN TRENCH, 30 INCH	FOOT 40	40
	XX008902	TAPPING SLEEVE, 16"	EACH 2	2
	X5630016	CUT AND CAP EXISTING 16" WATER MAIN	EACH 2	2
	X5631006	CUT AND CAP EXISTING 6" FORCE MAIN	EACH 2	2
	X5631106	CONNECTION TO EXISTING FORCE MAIN, 6"	EACH 2	2
	XX008903	ABANDON EX. FORCE MAIN FILL W/CLSM	F00T 1862	1862

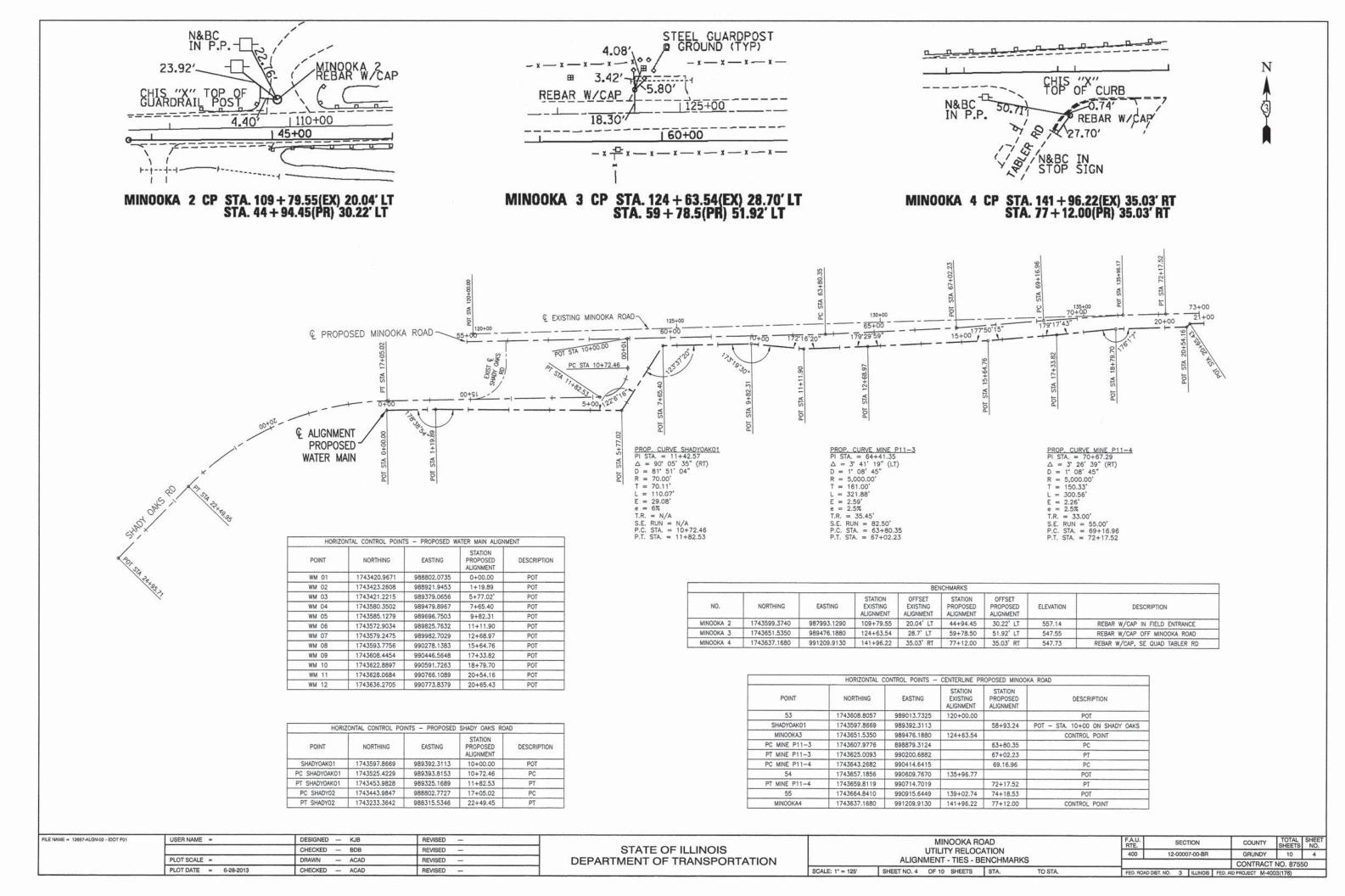
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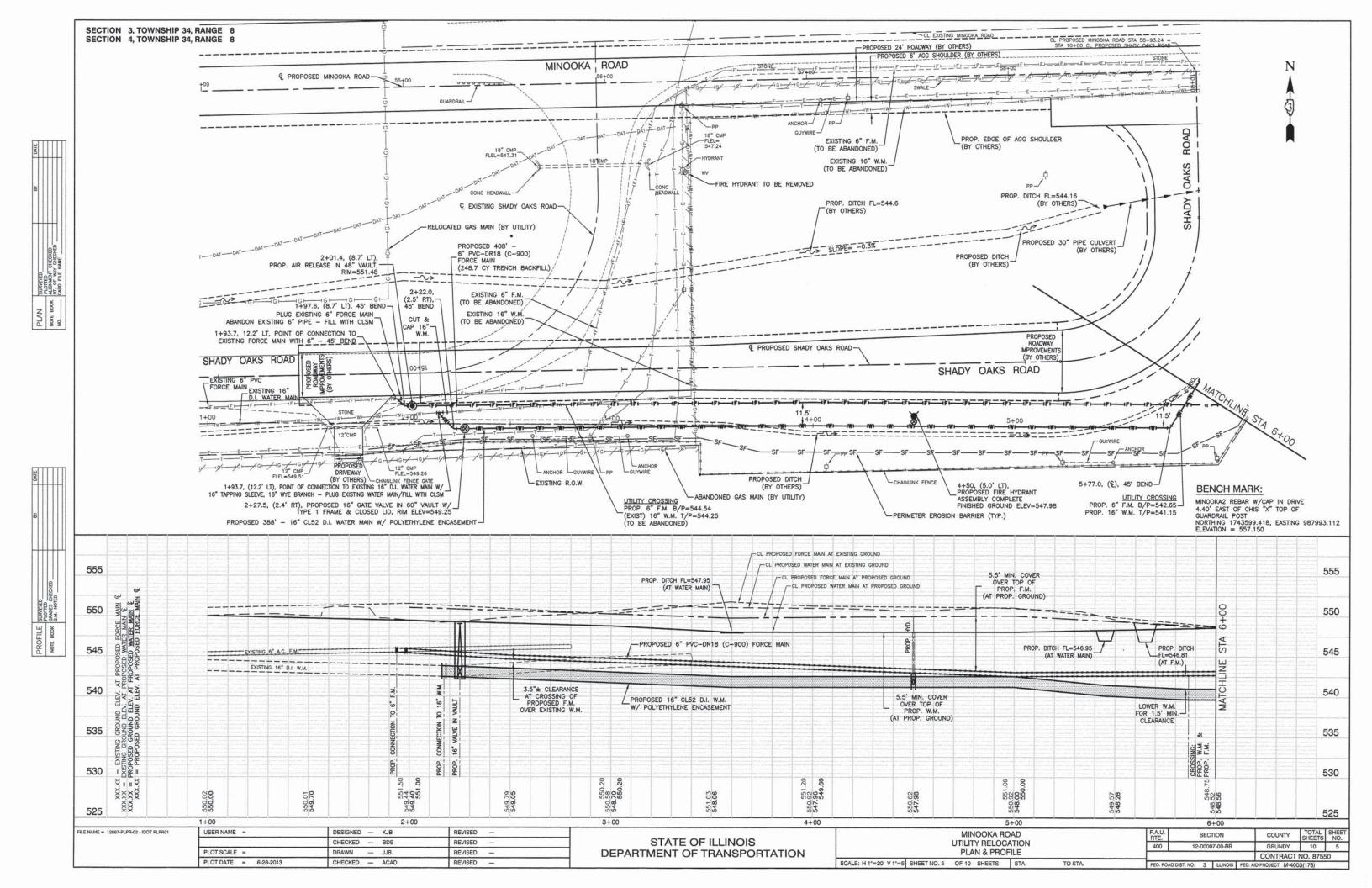
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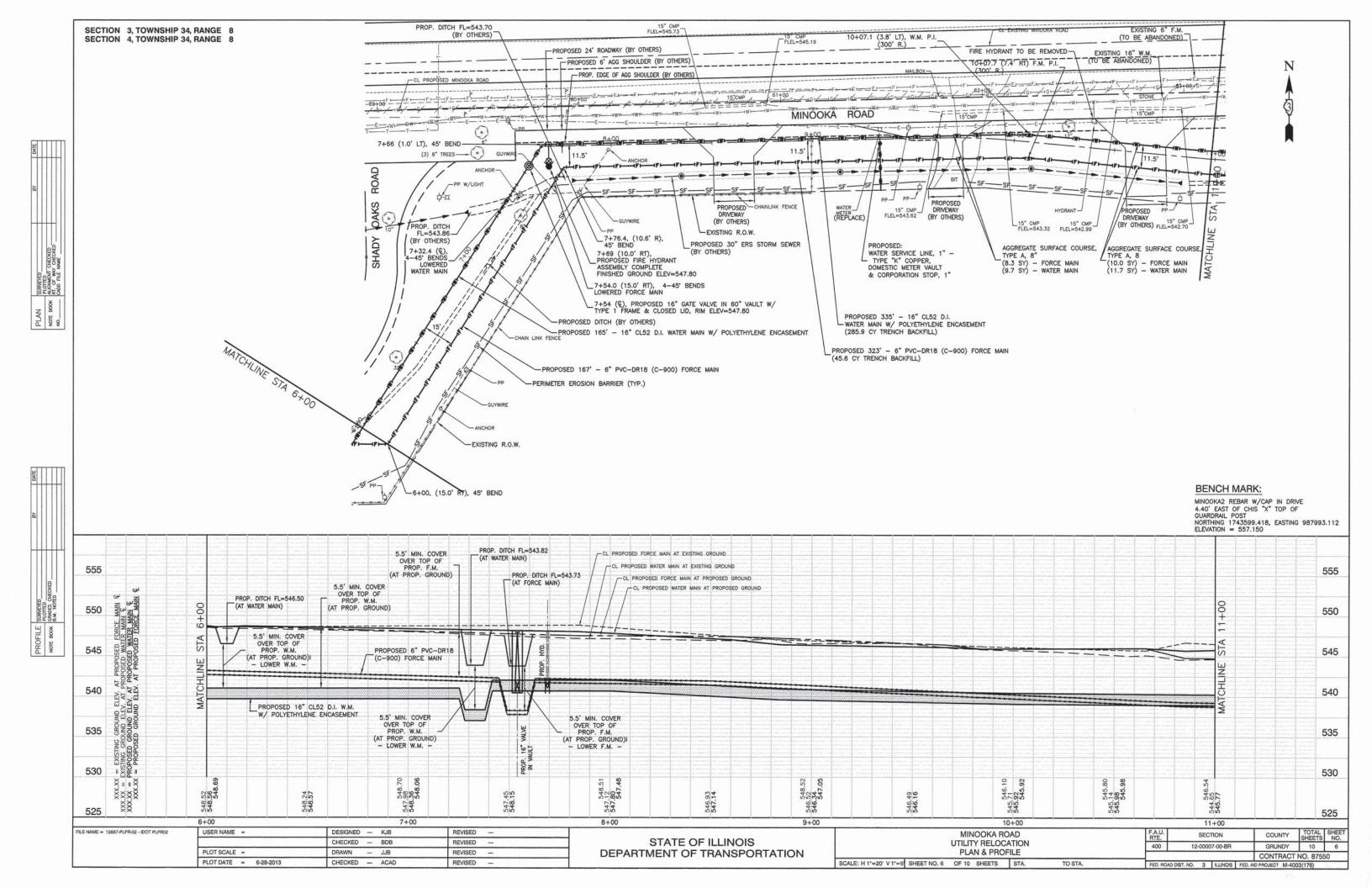
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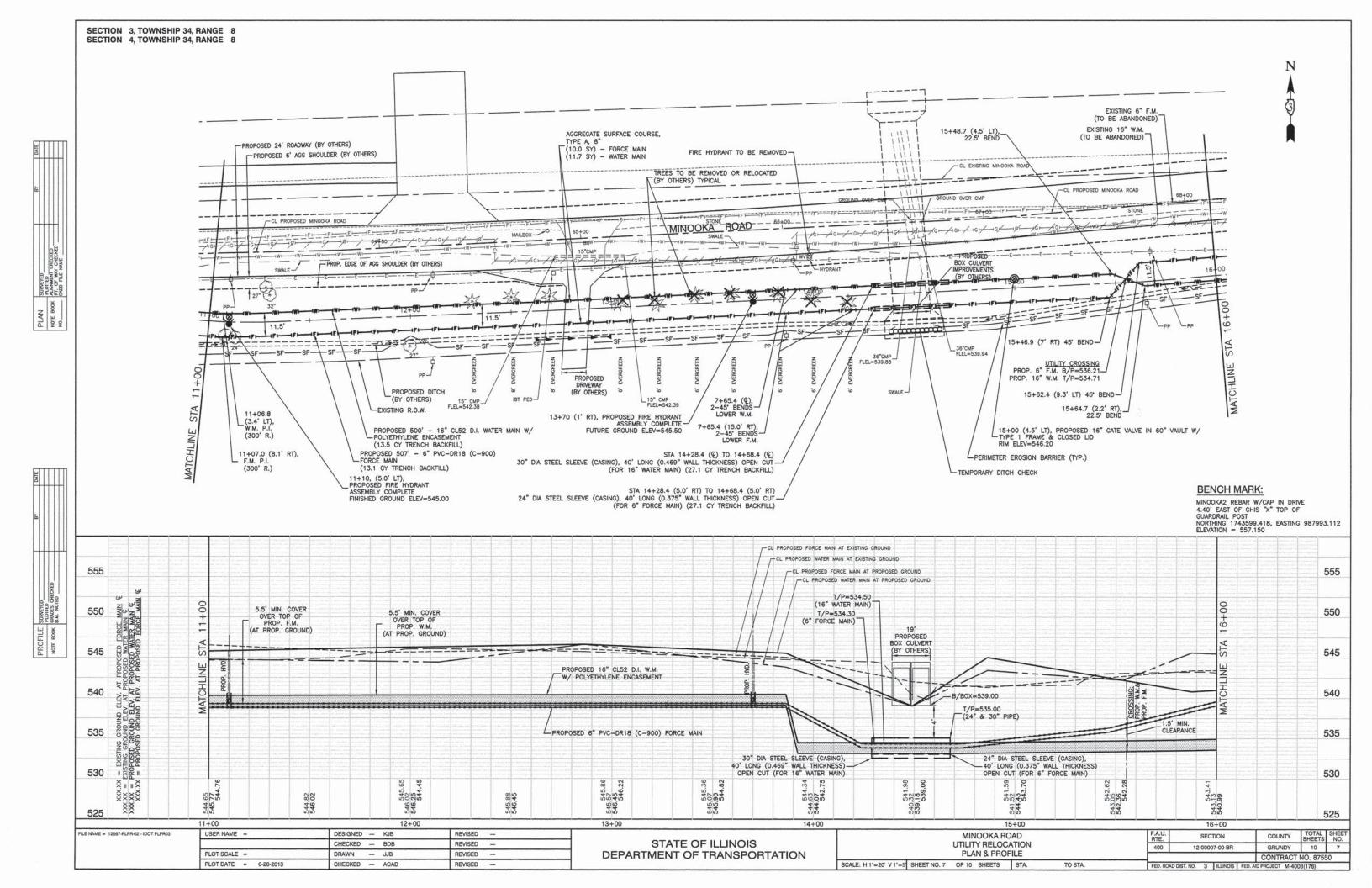
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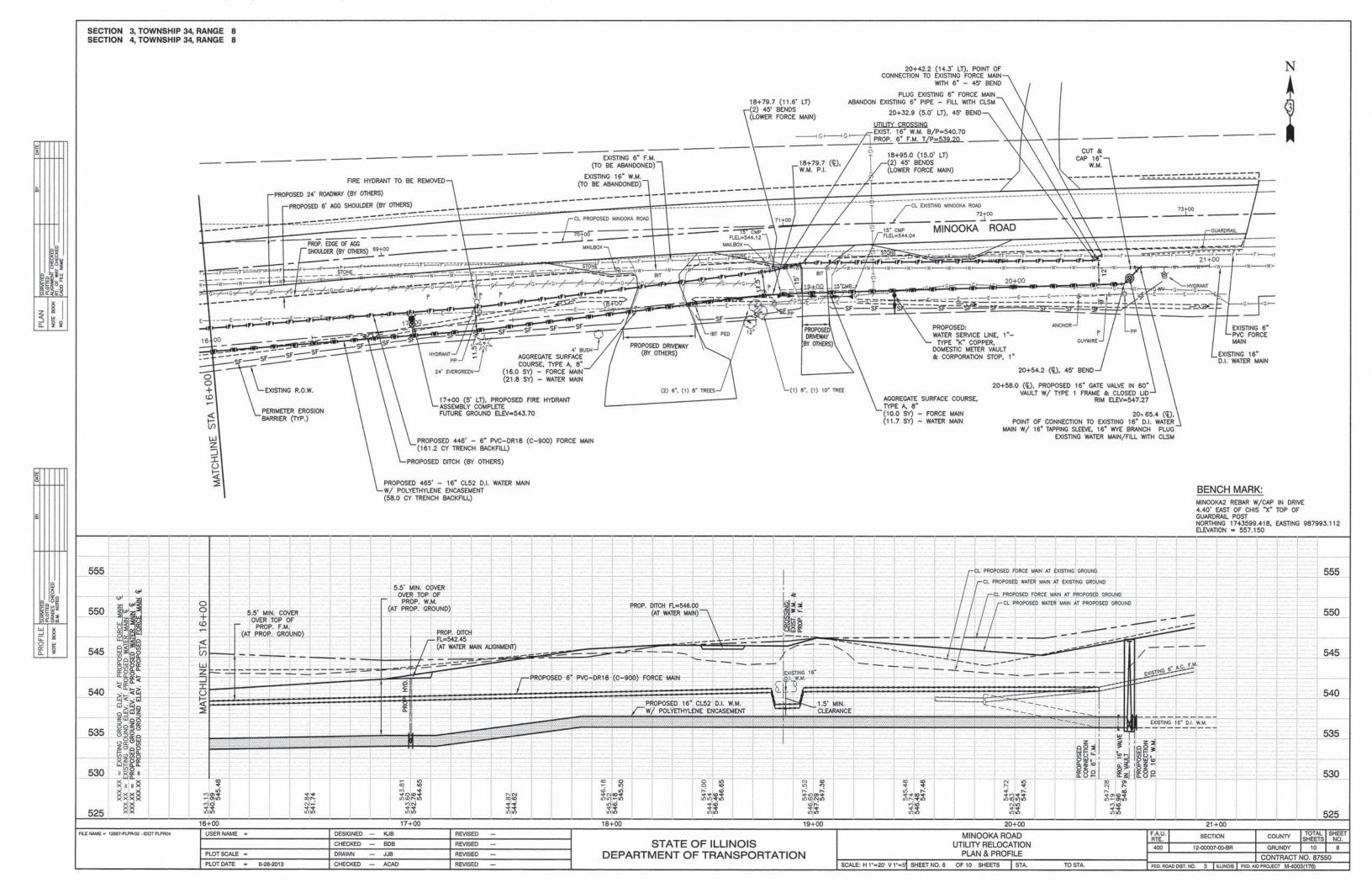
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UTILITY RELOCATION MINOOKA ROAD	F.A.U. RTE.	SECTION	COUNTY	SHEETS	NO.
LITH ITY DELOCATION	FAU			TOTAL	SHEET

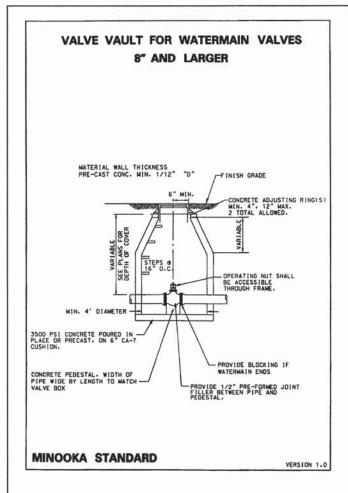


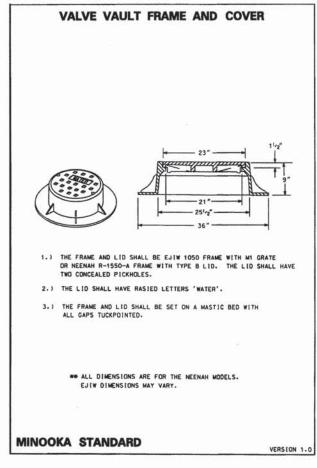


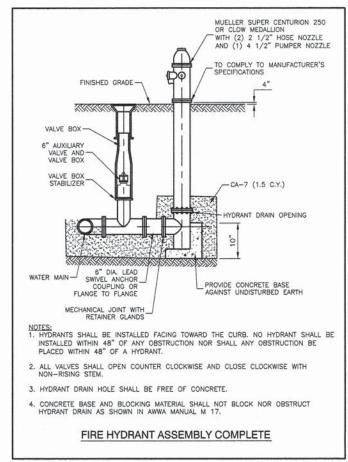


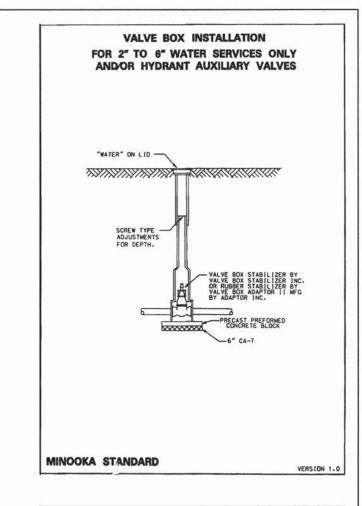


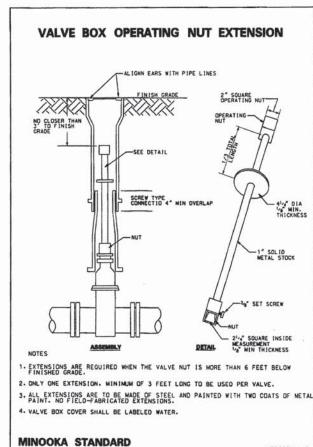


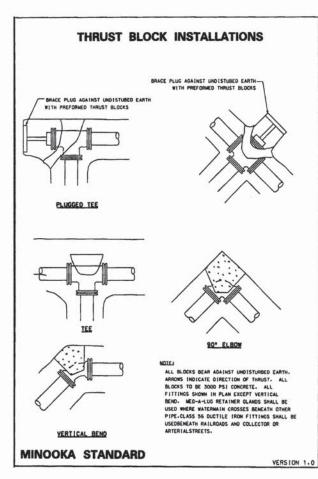


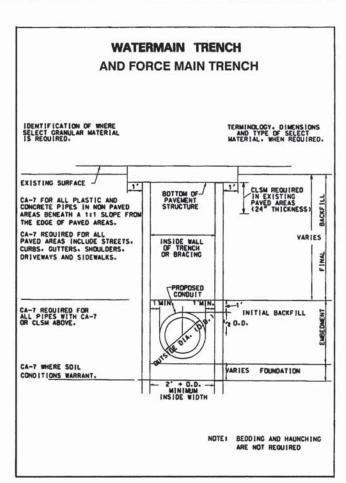




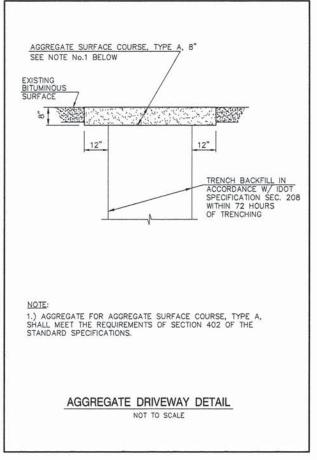








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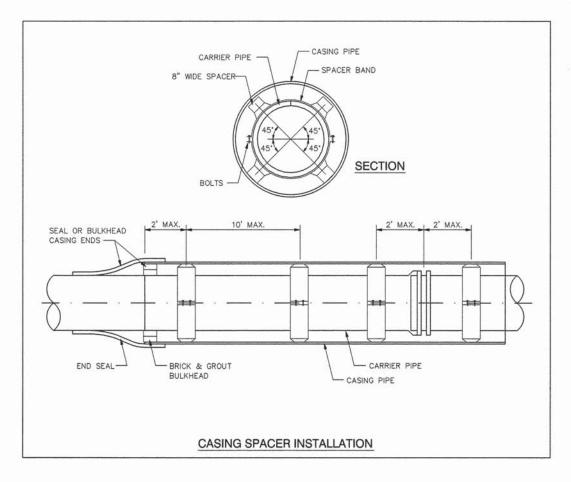


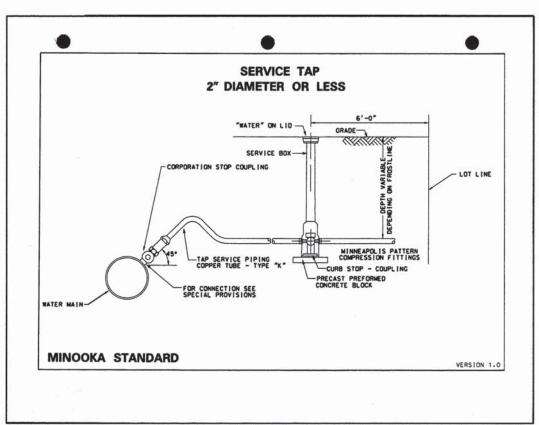
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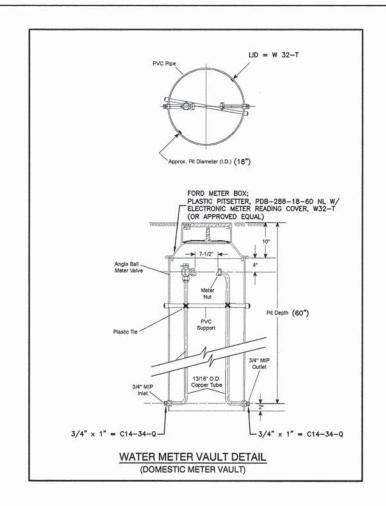
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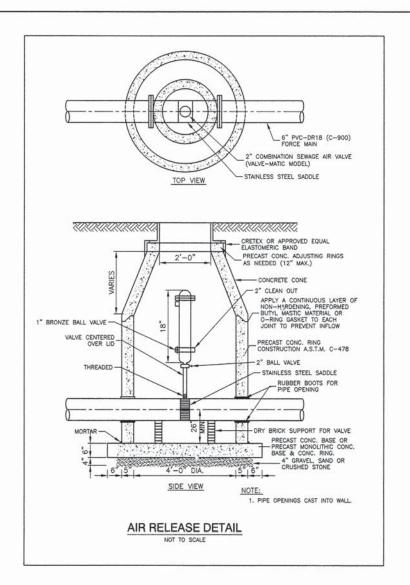
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

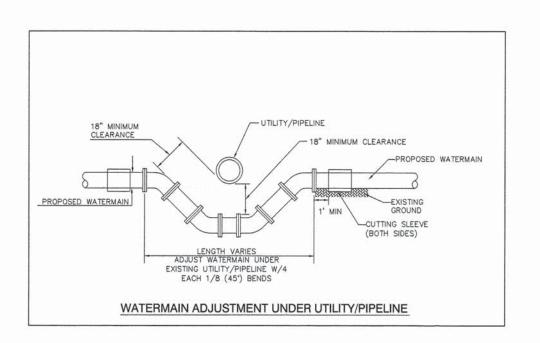
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DETAILS				7-151 CV=			2	CONTRACT	NO. 8755	50			
	SHEET NO. 9	OF 10	SHEETS	STA.	TO STA.	FED. ROA	FED. ROAD DIST, NO. 3 ILLINOIS FED. AID PROJECT M-4003(1					03(176)	











SCALE:

FILE NAME = 12667-DTLS-01 - DT-2	USER NAME =	DESIGNED — KJB	REVISED —
		CHECKED — BDB	REVISED
	PLOT SCALE =	DRAWN — JJB	REVISED —
	PLOT DATE = 6-28-2013	CHECKED — ACAD	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MINOOKA ROAD			F.A.U. RTE.	8	SECT	TON		COUNTY	TOTAL	SHEET NO.		
UTILITY RELOCATION				400	400 12-00007-00-BR				GRUNDY	10	10	
DETAILS						-3/47/1			7711	CONTRACT	NO. 875	50
	SHEET NO. 10 OF 10	SHEETS	STA.	TO STA.	FED. ROAD	FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT M-40				03(176)		