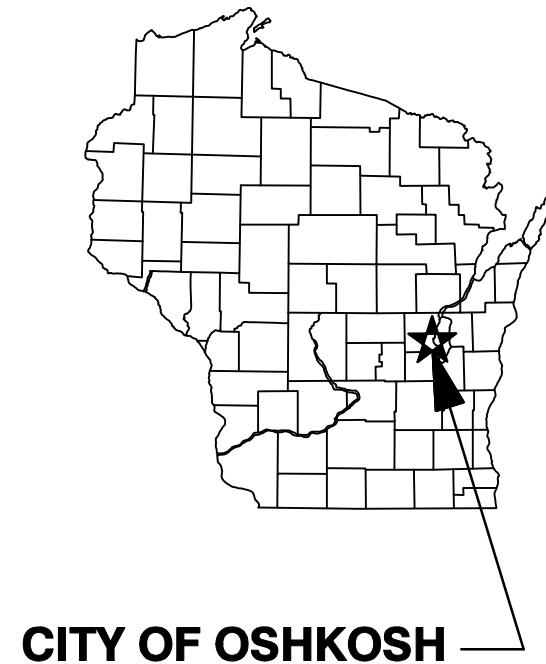


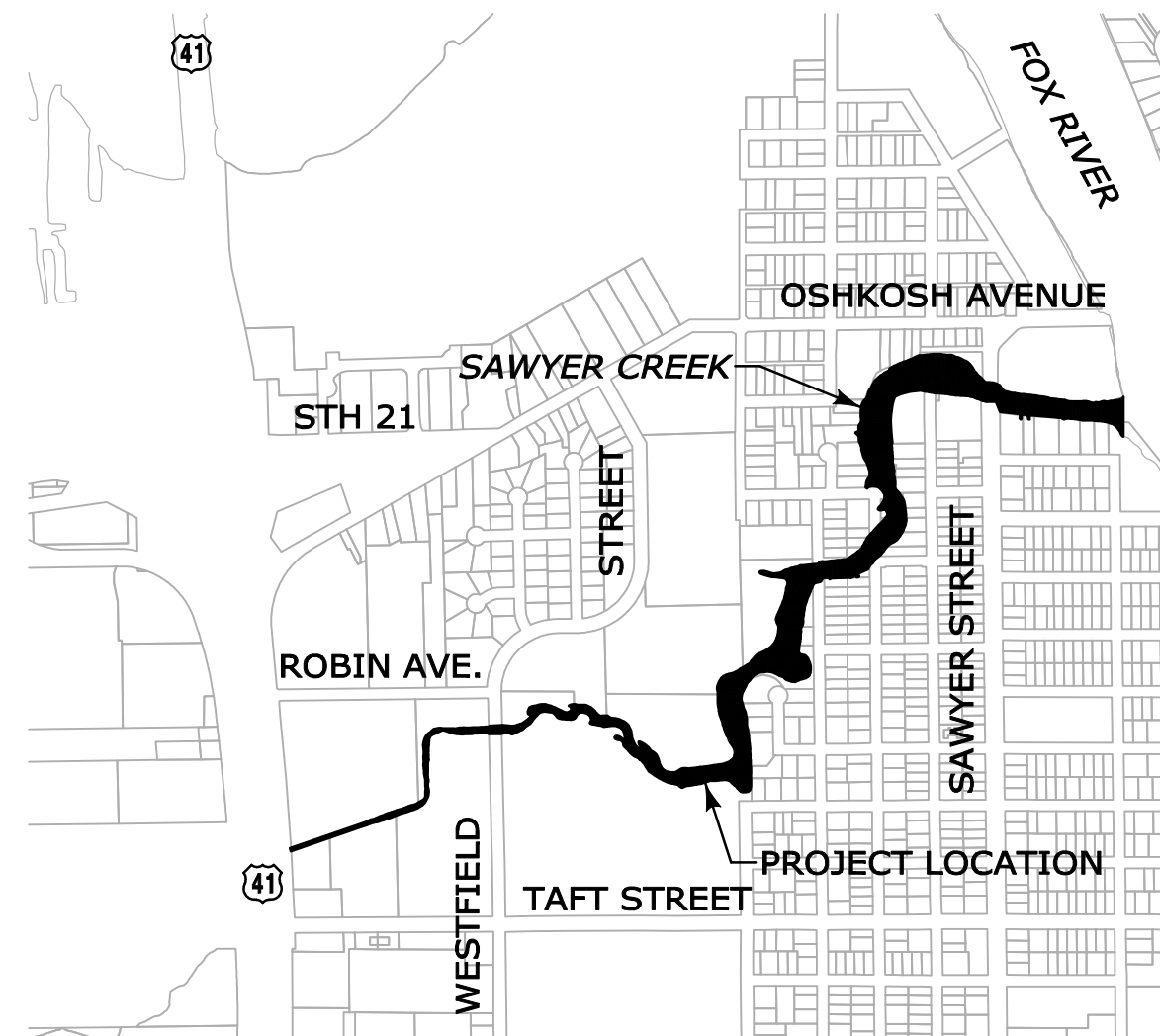
SAWYER CREEK CHANNEL IMPROVEMENTS

FOR THE
CITY OF OSHKOSH
OCTOBER 2011

DRAFT



LAKE BUTTE DES MORTS



CITY OF OSHKOSH

NO SCALE



910 West Wingra Drive
Madison, WI 53715
608-251-4843
608-251-8655 fax
www.strand.com

CONTRACT NO. 12-XX

DRAWING TITLE

TITLE SHEET
GENERAL NOTES
CONSTRUCTION DETAILS
ACCESS PLAN
BOAT TRAFFIC CONTROL PLAN
PLAN AND PROFILE - SANITARY
PLAN AND PROFILE - CHANNEL
CROSS SECTIONS

SHEET NO.

1
2
3-5
6
7
8
9-13
14-42

SA
STRAND
ASSOCIATES®

SHEET
1

JOB NO. 1382.060

GENERAL NOTES

1. NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
2. ALL RADIIDIMENSIONS ON THE PLAN FOR CURB AND GUTTER ARE TO THE FLAG OF CURB, UNLESS OTHERWISE NOTED.
3. THE EXACT LOCATION OF THE DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
4. IMMEDIATELY AFTER CONSTRUCTION OF ANY INLET OR MANHOLE, THE CONTRACTOR SHALL CONSTRUCT INLET EROSION CONTROL AROUND THE STRUCTURE TO MINIMIZE SEDIMENTATION OF THE INLET AND STORM SEWER.
5. FINISHED GRADES AS SHOWN AT MATCHLINES ARE APPROX. AND MAY BE ADJUSTED BY THE ENGINEER IN THE FIELD.
6. TRANSVERSE JOINTS SHALL BE SAWED AT 14' SPACING FROM ADJACENT TRANSVERSE JOINTS, UNLESS SPECIFIED OTHERWISE BY THE ENGINEER.
7. EXCAVATION QUANTITIES DO NOT INCLUDE EXCAVATION FOR SIDEWALK.
8. ALL CATCH BASINS, MANHOLES AND INLETS TO BE ABANDONED SHALL BE BACKFILLED WITH GRANULAR BACKFILL.
9. ALL CASTINGS FROM ABANDONED MANHOLES AND INLETS SHALL BECOME THE PROPERTY OF THE CITY OF OSHKOSH. THE CONTRACTOR MUST HAUL ALL SALVAGED CASTINGS TO THE CITY GARAGE AT 639 WITZEL AVE., UNLESS OTHERWISE NOTED.
10. THE LOCATION OF EXISTING UTILITY FACILITIES AS SHOWN ON THE PLAN SHEETS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL BE REQUIRED TO CONFIRM ALL UNDERGROUND FACILITIES BY REQUESTING AN UNDERGROUND LOCATE THROUGH DIGGERS HOTLINE PRIOR TO WORK. THE UTILITIES SHALL ADJUST THEIR FACILITIES TO FIT THE NEW STREET CONSTRUCTION IF CONFLICTS EXIST.
11. PROTECT EXISTING TREES AND LANDSCAPING NOT SHOWN TO BE REMOVED.
12. ALL CURB RADI SHALL BE 12" WIDE CURB HEAD FOR EACH CURB RADIUS AS DIRECTED BY THE ENGINEER. THE EXTRA CURB HEAD WIDTH SHALL BE PROVIDED FROM END OF RADIUS TO END OF RADIUS AT EACH CORNER. THE EXTRA CURB HEAD WIDTH SHALL BE ADDED TO THE BACK OF THE INTEGRAL CURB SECTION.
13. SEE CITY OF OSHKOSH SPECIFICATION FOR ALL STANDARD DETAIL DRAWINGS.
14. PRIVATE DOCKS TO BE PROTECTED. NOTIFY PROPERTY OWNERS MINIMUM 1 WEEK IN ADVANCE OF DREDGING NEAR THEIR DOCK.
15. SILT FENCE SHALL BE PLACED ON DOWNHILL SIDE OF ALL DEWATERING AREAS AND AS REQUESTED BY PERMITTING AUTHORITIES AND CITY OF OSHKOSH.

STANDARD SYMBOLS

	TEMPORARY EASEMENT		PAVED ROAD
	PROPERTY LINE AND/OR RIGHT OF WAY		EXISTING CULVERT
	SOIL BORING		NOTATION FOR COMBUSTIBLE FLUIDS
	BENCH MARK		FORCE MAIN
	PROPERTY STAKE		WATER MAIN
	IRON PIPE		STORM SEWER
	INLET		SANITARY SEWER
	CURB WATER BOX		EXISTING SANITARY SEWER AND MANHOLE
	ROAD SIGN		TELEPHONE OR TV CABLE
	PRIVATE WELL		FIBER OPTIC CABLE
	EXISTING UTILITY POLE		GAS MAIN
	BURIED TELEPHONE CABLE PEDESTAL SIGN		UNDERGROUND ELECTRIC CABLE
	LIGHT POLE		ORIGINAL GROUND IN PROFILE
	MAIL BOX		FENCE
	OBJECTS TO BE REMOVED		GUARD RAIL
	EXISTING DECIDUOUS TREE		SILT FENCE
	EXISTING CONIFEROUS TREE		CONTROL POINT
	WETLAND AREA		GUY WIRE & ANCHOR

UTILITY COMPANIES THAT MAY BE AFFECTED BY THIS PROJECT			
FIRM	ADDRESS	CONTACT	TELEPHONE
EMERGENCY			911
DIGGERS HOTLINE			1-800-242-8511
AMERICAN TRANSMISSION COMPANY	801 O'KEEFE ROAD DE PERE, WI	MATT ERNST	920 338-8573
ANR PIPELINE COMPANY	W3925 PIPELINE LN. EDEN, WI	LARRY HUBER	920 477-2235
AT&T WISCONSON	70 E. DIVISION ST. FOND DU LAC, WI	CHARLES BARTELT ENGINEER	920 929-1013
CANADIAN NATIONAL RR	1825 DEPOT ST. STEVENS POINT, WI	TERRY LEE	715 345-2053
CITY OF OSHKOSH PUBLIC WORKS DEPT. ENGINEERING DIVISION	215 CHURCH AVE. OSHKOSH, WI	DAVE PATEK - DIR. PUBLIC WORKS STEVE GOHDE - CITY ENGINEER	920 236-5085
CITY OF OSHKOSH TRANSPORTATION DEPT. ELECTRIC DIVISION	926 DEMPSEY TR. OSHKOSH, WI	DAN KUSSMANN CITY ELECTRICIAN	920 232-5350
CITY OF OSHKOSH TRANSPORTATION DEPT. SIGN DIVISION	926 DEMPSEY TR. OSHKOSH, WI	GREG MAXWELL MAINT. SUPERVISOR	920 232-5348
CITY OF OSHKOSH PUBLIC WORKS DEPT. WATER DIVISION	757 W. 3RD AVE. OSHKOSH, WI	JACK REICHENBERGER SUPT. WATER DISTR.	920 232-5330
CITY OF OSHKOSH PARKS DEPARTMENT	805 WITZEL AVE. OSHKOSH, WI	RAY MAURER PARKS DIRECTOR	920 236-5080
CITY OF OSHKOSH FORESTRY DIVISION	805 WITZEL AVE. OSHKOSH, WI	WILLIAM STURM I.S.A. CERTIFIED ARBORIST	920 232-5314
TIME WARNER CABLE	1001 KENNEDY AVE. KIMBERLY, WI	VINCE ALBIN	920 DAY 831-8249 EVE 738-0444
WISCONSIN PUBLIC SERVICE CORP.	3300 N. MAIN ST. OSHKOSH, WI	DAVE PETERSON - ELEC. DIV. PAUL SPANGLER - GAS DIV.	920-236-5910 920-236-5908
WISCONSIN PUBLIC SERVICE CORP.	NATURAL GAS	24-HOUR EMERGENCY NUMBER	1-800-450-7280
WISCONSIN PUBLIC SERVICE CORP.	ELECTRIC	24-HOUR EMERGENCY NUMBER	1-800-450-7240
WISCONSIN & SOUTHERN RR CO.	1890 E. JOHNSON ST. MADISON, WI	BEN MEIGHAN	608 243-9129
UW-O FACILITIES MANAGEMENT	850 WITZEL AVE. OSHKOSH, WI	CHUCK HERMES	920 424-3466

DESIGN CONTACT: MATTHEW YENTZ, P.E.
STRAND ASSOCIATES, INC.
910 WEST WINGRA DRIVE
MADISON, WISCONSIN 53715
(608) 251-4843

DNR CONTACT: BRENDA NORDIN
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
625 E. COUNT ROAD Y, SUITE 700
OSHKOSH, WI 54901
(920) 662-5117



Call 811 or Toll Free (800) 242-8511
(262) 432-7910
(877) 500-9592 (Emergency Only)
www.DiggersHotline.com

GENERAL NOTES

SAWYER CREEK CHANNEL IMPROVEMENTS
CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

JOB NO.
1382.060
PROJECT MGR.
MAY

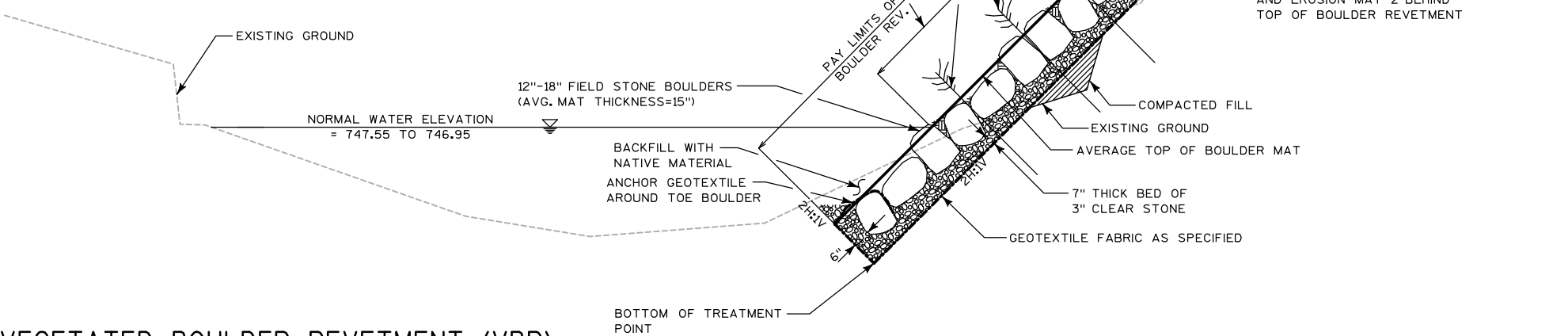


SHEET
2

NOTE: BRANCHING ON LIVE STAKES IS FOR ILLUSTRATION ONLY. CYLINDRICAL PRUNED STAKES SHALL BE INSTALLED, PER SPECIFICATIONS.

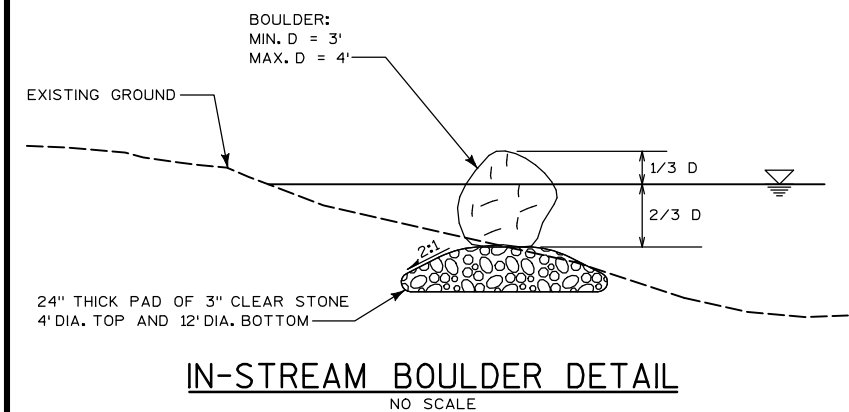
NOTE: ANNUAL RYEGRASS OR WHEAT SHALL BE PLANTED AT A RATE OF 50 LBS PER ACRE OVER THE ENTIRE AREA DISTURBED BY CONSTRUCTION. SUCH SEEDING SHALL BE REQUIRED AT THE COMPLETION OF CONSTRUCTION OR ANYTIME WHEN CONSTRUCTION CEASES FOR MORE THAN 2 WEEKS AND FINAL SEEDING IS NOT COMPLETE. SUCH EROSION CONTROL SEEDING SHALL BE INCIDENTAL TO THE SEEDING SPECIFICATION.

VOIDS IN BOULDERS ABOVE THE WATER SURFACE ELEVATION TO BE FILLED WITH TOPSOIL AND RESTORED WITH CHANNEL AND OVERBANK SEED MIX, COVER CROP, POLYMER, AND EROSION MAT, CLASS II, TYPE C. SEED, COVER CROP, POLYMER, AND EROSION MAT SHALL BE INCLUDED IN THE PRICE BID PER LF



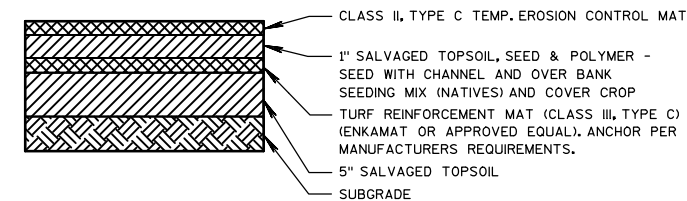
VEGETATED BOULDER REVETMENT (VBR)

NO SCALE
STA. 17+50 TO 21+50 RT
STA. 20+50 TO 22+50 LT
STA. 25+50 TO 27+00 RT



IN-STREAM BOULDER DETAIL

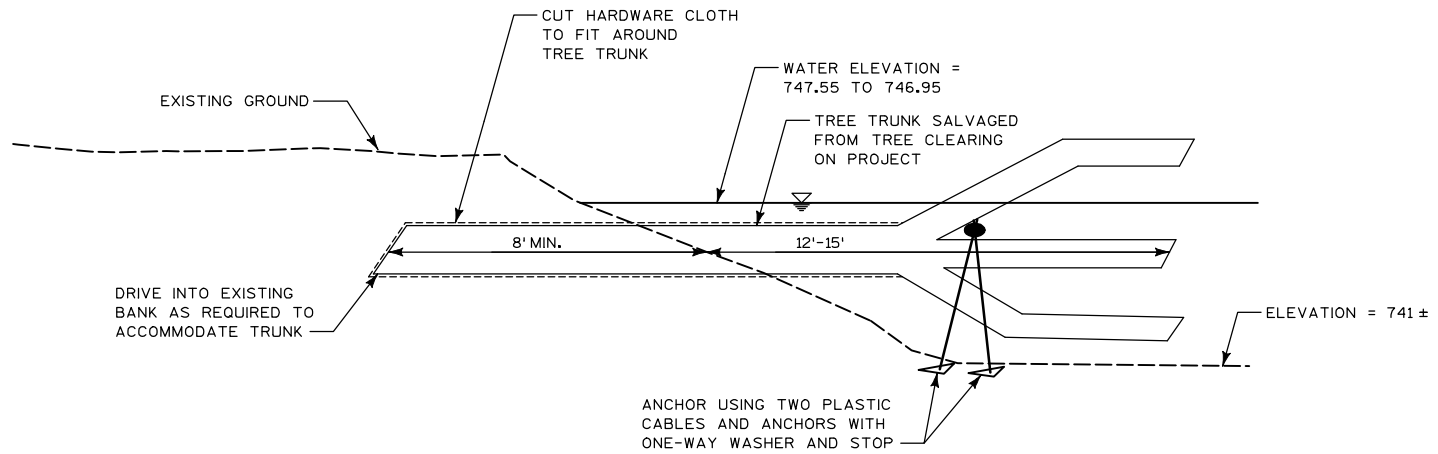
NO SCALE



TURF REINFORCEMENT MAT SYSTEM DETAIL

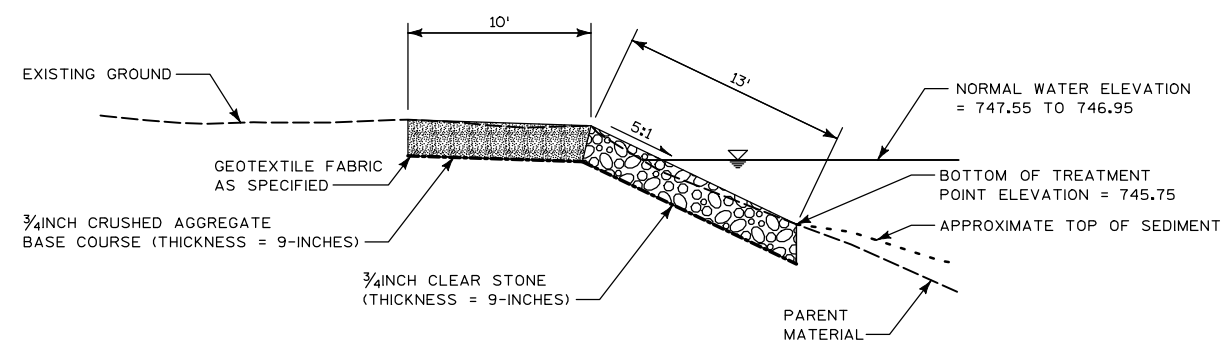
NO SCALE

- NOTES:
1. USE 12" MIN. DIA. TREE TRUNKS FOR WOODY DEBRIS. TRIM OFF BRANCHES LESS THAN 4" IN DIAMETER AND USE PORTION WHERE TRUNK BRANCHES INTO LIMBS. LARGE DIAMETER LIMBS (GREATER THAN 12") BRANCHING INTO SMALLER LIMBS MAY ALSO BE USED.
 2. POSITION MOST OF TRUNK AND LIMBS UNDERWATER. POSITION SUCH THAT TRUNK IS STABLE, BUT ALLOW SPACE BELOW TRUNK AND SOME LIMBS FOR FISH HABITAT.



WOODY DEBRIS FISH HABITAT DETAIL

NO SCALE



CANOE LAUNCH

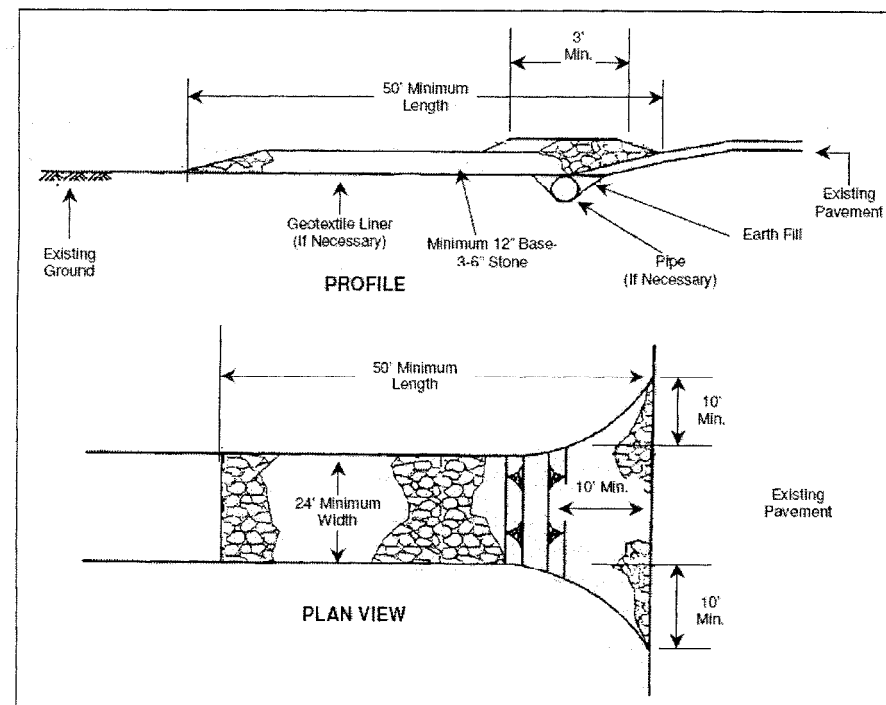
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CONSTRUCTION DETAILS
SAWYER CREEK CHANNEL IMPROVEMENTS
CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

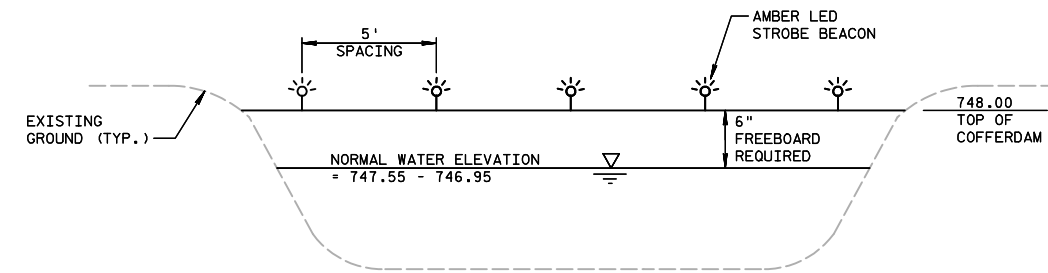
JOB NO.
1382.080
PROJECT MGR.
MAY



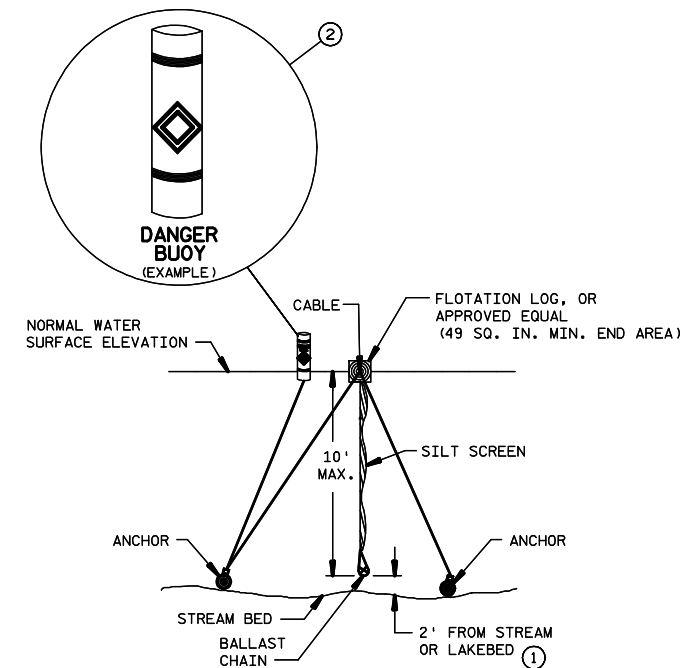
SHEET
3



STONE TRACKING PAD
NO SCALE



COFFERDAM AND LIGHTING DETAIL
NO SCALE



- NOTES:
- ① 2' SHALL BE MAINTAINED DURING CONSTRUCTION PERIOD.
 - ② USE AS DIRECTED BY WDNR PERMIT WHEN WORKING IN NAVIGABLE WATERWAYS
 - ③ TURBIDITY BARRIER SHALL CONFORM TO WI DNR TECHNICAL STANDARD 1070.

SILT CURTAIN DETAIL
NO SCALE

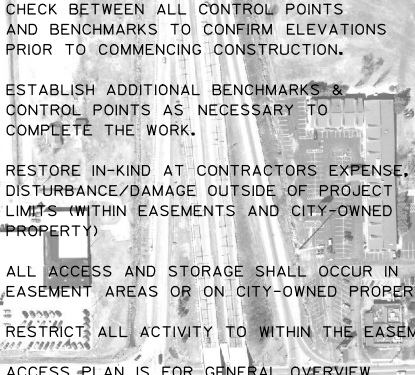
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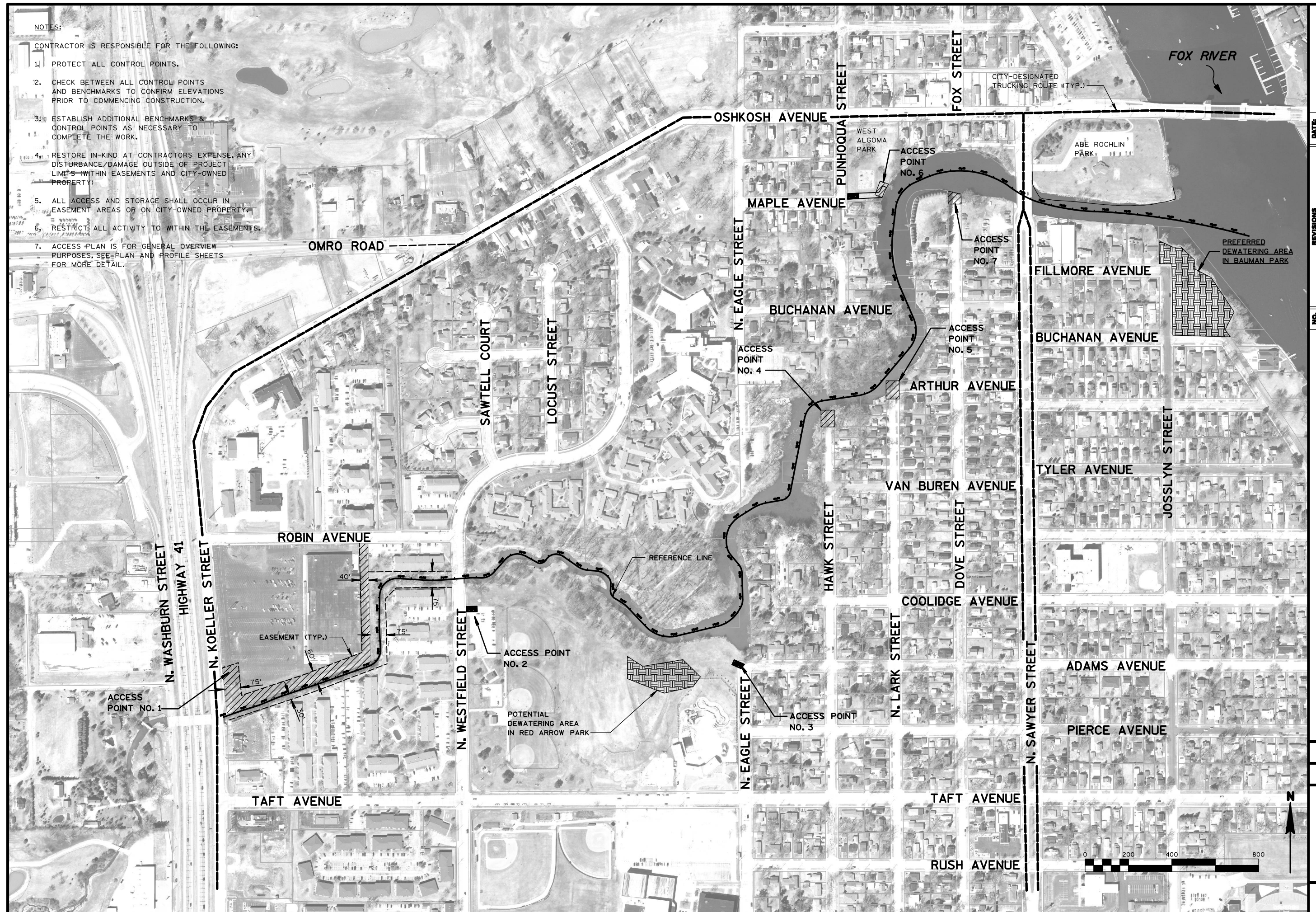
JOB NO.
1382.060
PROJECT MGR.
MAY



SHEET
4

CONTRACTOR IS RESPONSIBLE FOR THE FOLLOWING:

- 
1. PROTECT ALL CONTROL POINTS.
 2. CHECK BETWEEN ALL CONTROL POINTS AND BENCHMARKS TO CONFIRM ELEVATIONS PRIOR TO COMMENCING CONSTRUCTION.
 3. ESTABLISH ADDITIONAL BENCHMARKS & CONTROL POINTS AS NECESSARY TO COMPLETE THE WORK.
 4. RESTORE IN-KIND AT CONTRACTORS EXPENSE, ANY DISTURBANCE/DAMAGE OUTSIDE OF PROJECT LIMITS (WITHIN EASEMENTS AND CITY-OWNED PROPERTY)
 5. ALL ACCESS AND STORAGE SHALL OCCUR IN EASEMENT AREAS OR ON CITY-OWNED PROPERTY.
 6. RESTRICT ALL ACTIVITY TO WITHIN THE EASEMENTS.
 7. ACCESS PLAN IS FOR GENERAL OVERVIEW PURPOSES, SEE PLAN AND PROFILE SHEETS FOR MORE DETAIL.

[illegible]

ACCESS PLAN

**CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN**

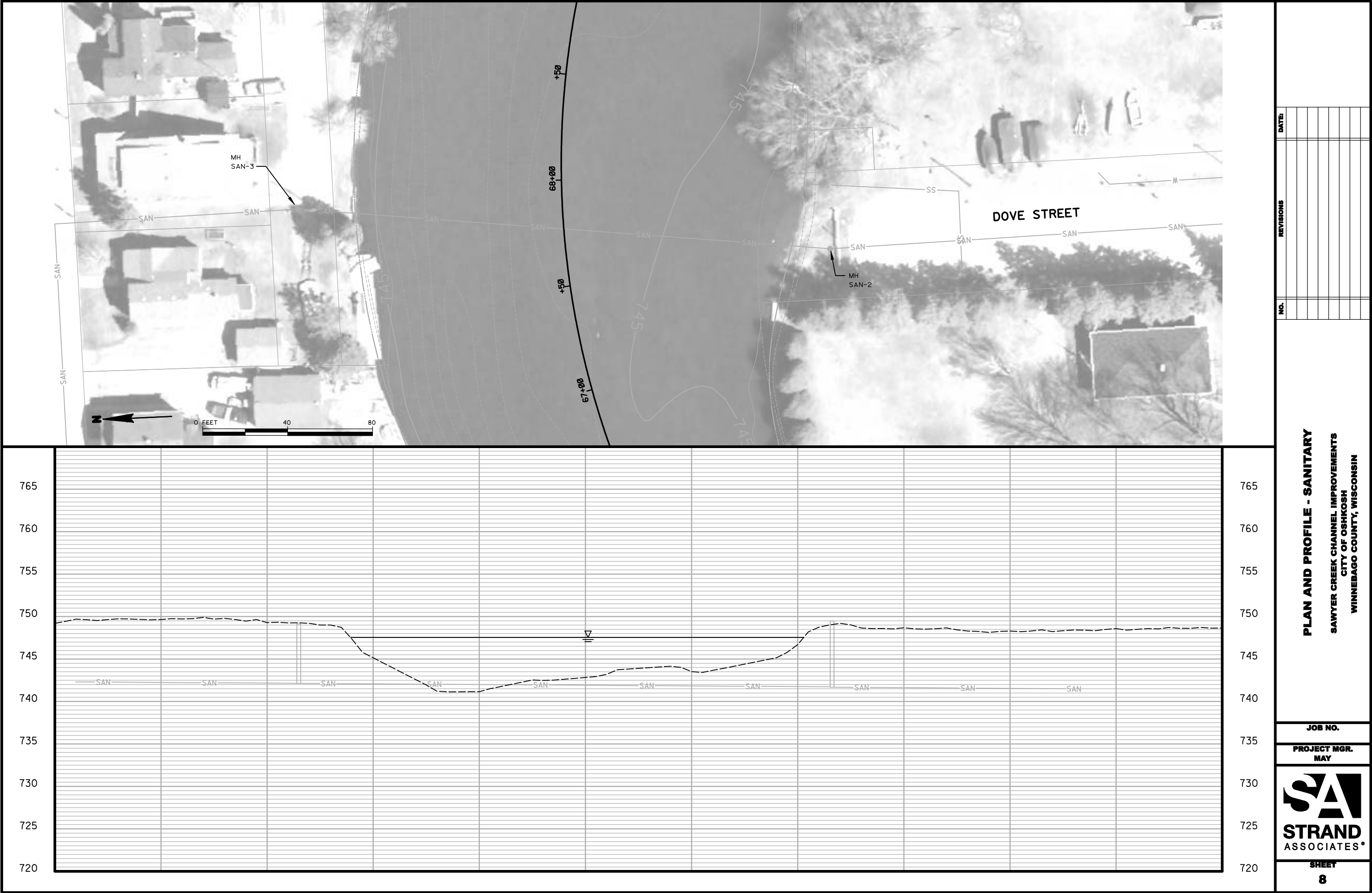
JOB NO.
1382.060

OBJECT MGR.
MAY



HEET

6



NO.	REVISIONS					DATE

PLAN AND PROFILE - SANITARY
SAWYER CREEK CHANNEL IMPROVEMENTS
CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

JOB NO.
735

PROJECT MGR.
MAY


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ASSOCIATES®

SHEET
8

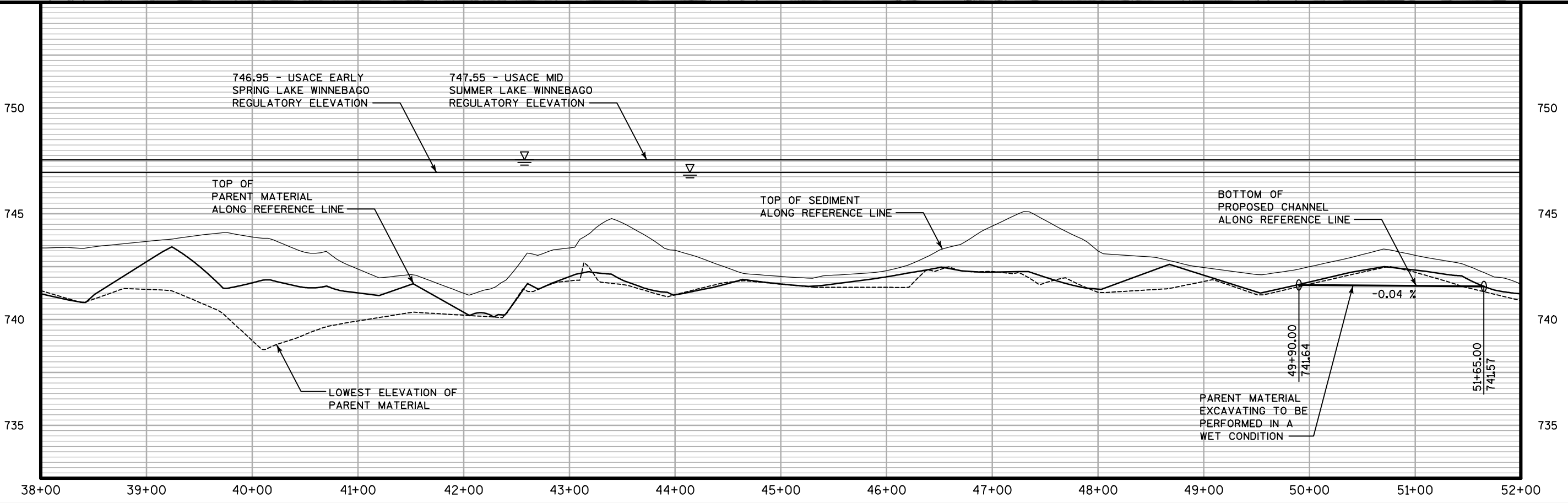
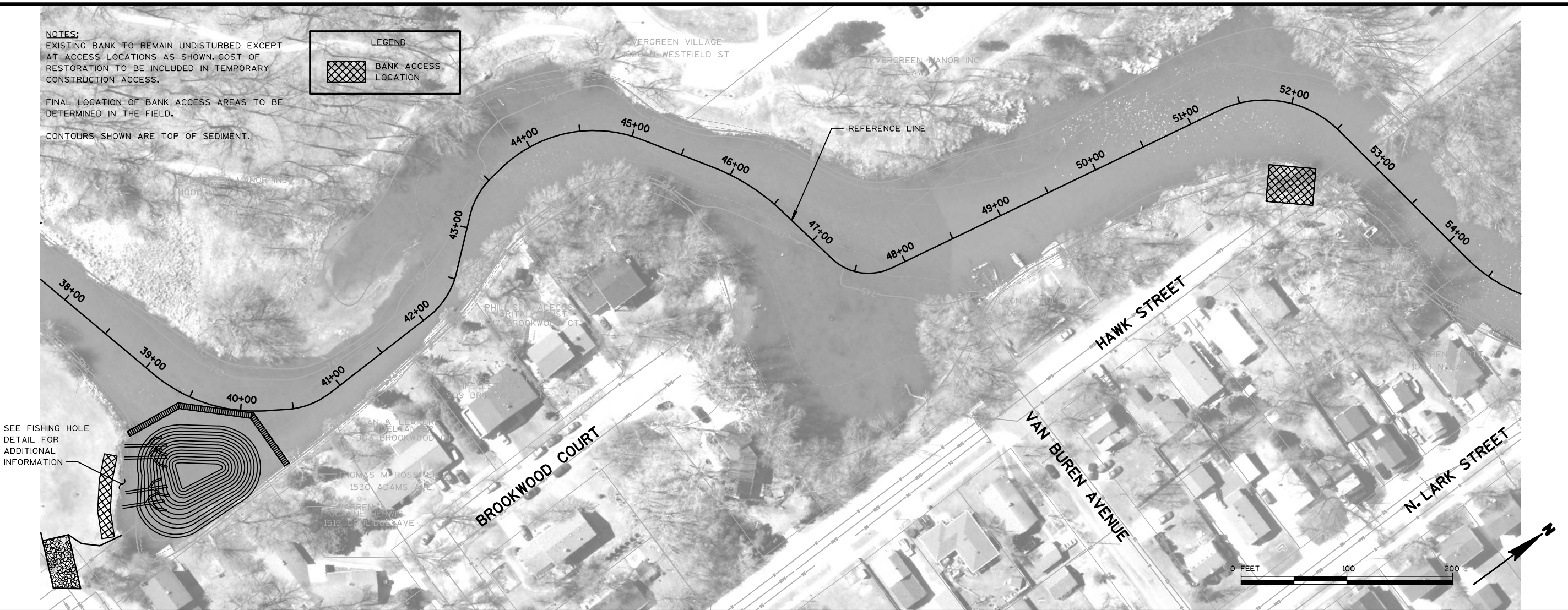
NOTES:
EXISTING BANK TO REMAIN UNDISTURBED EXCEPT
AT ACCESS LOCATIONS AS SHOWN. COST OF
RESTORATION TO BE INCLUDED IN TEMPORARY
CONSTRUCTION ACCESS.

FINAL LOCATION OF BANK ACCESS AREAS TO BE
DETERMINED IN THE FIELD.

CONTOURS SHOWN ARE TOP OF SEDIMENT.

LEGEND

BANK ACCESS
LOCATION



NO.	REVISIONS		DATE

PLAN AND PROFILE - CHANNEL
SAWYER CREEK CHANNEL IMPROVEMENTS
CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

JOB NO.
1382.060
PROJECT MGR.
MAY



