



MEMORANDUM

DATE: November 9, 2015

TO: Ron Grall, CPRP, City of Waukesha Parks, Recreation & Forestry Department

FROM: Kelly Zylstra, Technical Services Manager

RE: Approval of the construction of two water mains on City owned land adjacent to Les Paul Parkway

As you may know the water utility completed Phase 1 of the Les Paul Water Main Project in 2015. Phase 2 involves constructing parallel 12-inch and 24-inch water mains along Les Paul from Sunset Drive to Broadway. This phase, when completed, will finish our 24-inch water main loop on the bypass from St. Paul Ave (Genesee Road/Saylesville Road) around the south side of the City up to our reservoir near Davidson Road and complete a 12-inch water main loop from Sunset to Broadway for our Reduced Southeast Pressure Zone. Both are very hydraulically important to the water system, regardless of the source of our water in the future.

The crossing of the pedestrian underpass near Blackhawk Trail is posing a problem area in the design of Phase 2. Due to the size and depth of the concrete underpass beneath Les Paul Parkway, the water mains would need to be extremely deep if we were to try to cross underneath it. In addition, we have concerns that in the future should that structure be abandoned or changed conflicts could arise. Plus, without having construction details of the underpass, we have concerns of the structural integrity should try to cross underneath it.

Therefore, we contacted Attorney Running asking the City grant the Water Utility an easement for the area outlined in red on the attached exhibit (tax code 1340-998). Attorney Running responded in an email on 10/27/15 stating, "Regarding the easement, that will not be necessary, as the Water Utility is not an entity separate from the City. They will be the City's pipes, crossing City property. Whatever arrangements that are required for doing so, an easement will not be one of them."

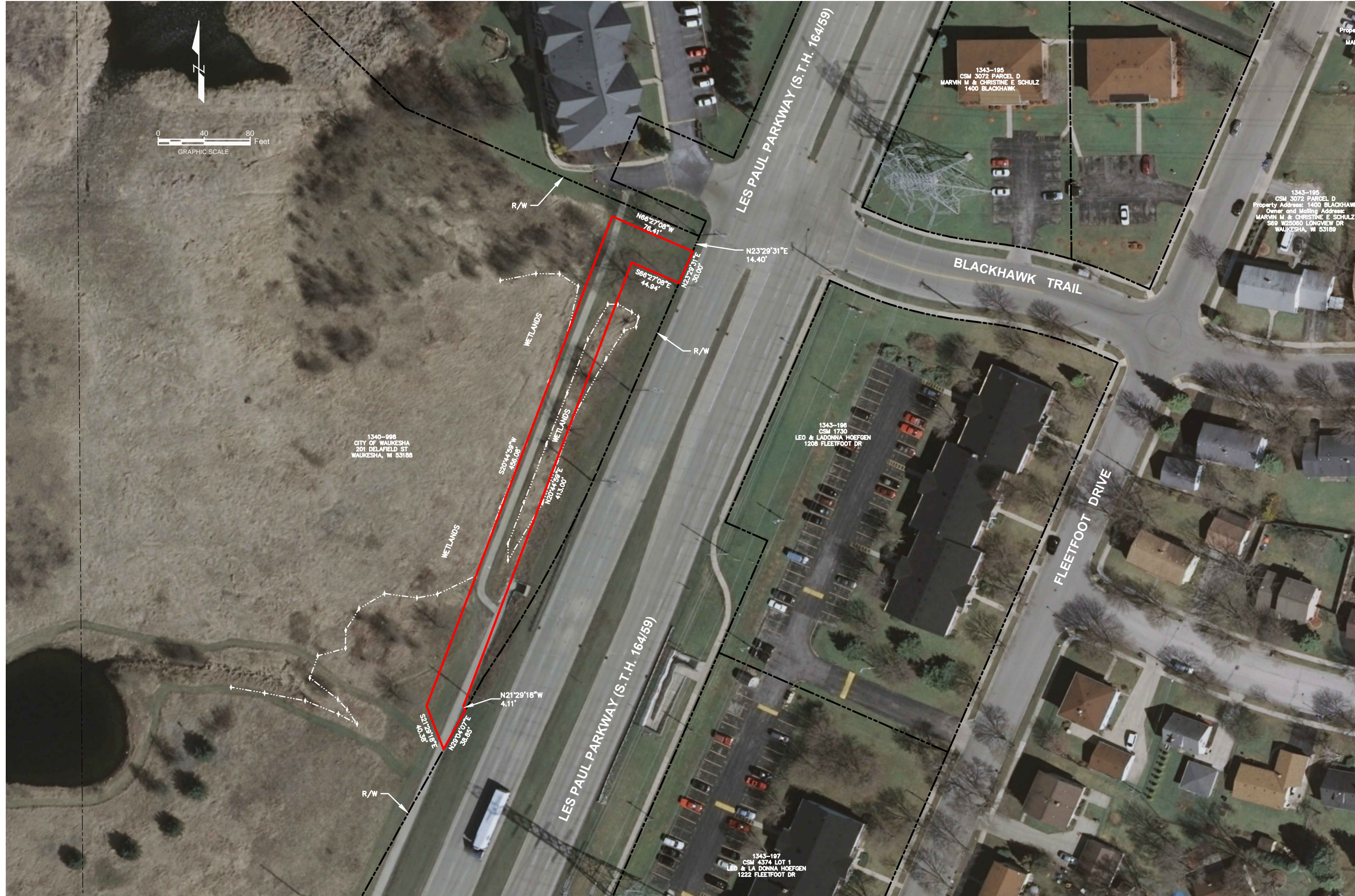
Following this, Paul Day recommended we contact the Park, Recreation and Forestry Board for approval to place the water main within the property as it is on the eastern edge of the Heyer Park. We are also considering giving the contractor the option to use boring techniques for the installation of the water main. If this is allowed, then additional restoration by our contractor will be required from the south edge of the permanent easement south to the STH 164 right of way.

By granting permission for the water mains to be placed in this location, it would allow us to avoid crossing the pedestrian underpass; thus speeding up construction and lowering overall costs.

If permission is granted, we would like to work closely with you on the particulars of restricting the use of parts of the walking path during construction, potential temporary closure of the underpass during certain days for pedestrian safety, and the restoration of the walking path that we will disturb during construction.

The project construction, including restoration would take place in 2016.

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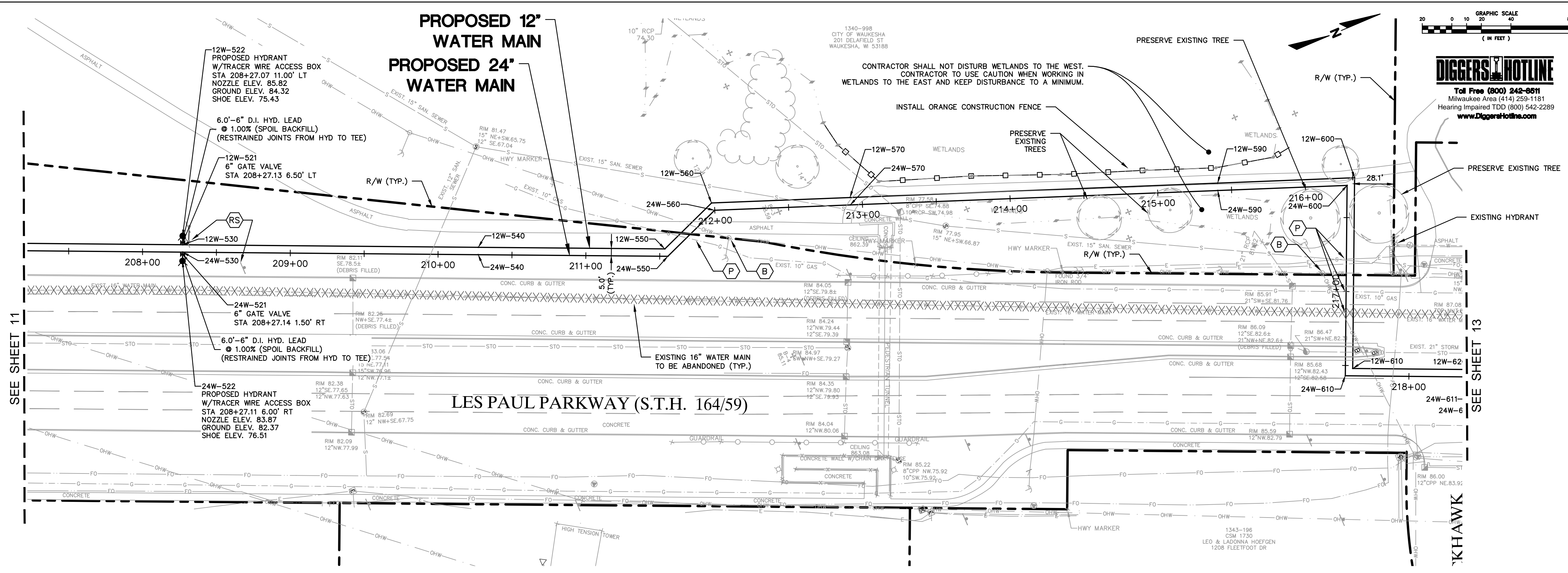
DATE	DESCRIPTION

R.A. Smith National
*Beyond Surveying
 and Engineering*
 www.rasmithnational.com

WAUKESHA WATER UTILITY
 LES PAUL PARKWAY (STH 164/59)
 WATER MAIN PROJECT - PHASE 2

LES PAUL PARKWAY (S.T.H. 164/59)
 PERMANENT LAND EASEMENT EXHIBIT

© COPYRIGHT 2015
 R.A. Smith National, Inc.
 DATE: 10-15-2015
 SCALE: 1" = 40'
 JOB NO. 1140220
 PROJECT MANAGER:
 TIM G. BARBEAU, P.E., P.L.S.
 DESIGNED BY: RMM
 CHECKED BY: PTA
SHEET NUMBER
 PLE 1

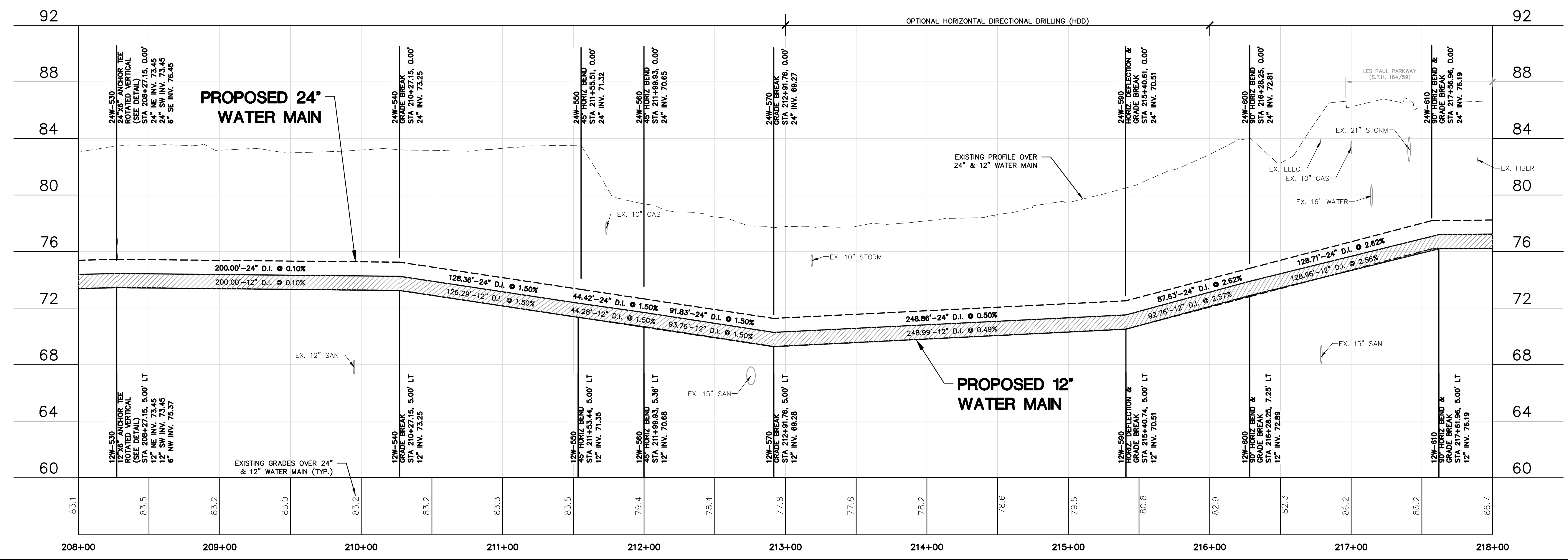


GRAPHIC SCALE
0 10 20 40
(IN FEET)

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DESCRIPTION
DATE

R.A. Smith National
Beyond Surveying
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in cooperation with Black & Veatch Corporation



WAUKESHA WATER UTILITY
LES PAUL PARKWAY (S.T.H. 164/59)
WATER MAIN PROJECT - PHASE 2

LES PAUL PARKWAY (S.T.H. 164/59)
WATER MAIN PLAN & PROFILE

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R.A. Smith National, Inc.
DATE: 10-28-2015
SCALE: 1" = 40'
JOB NO. 1140220
PROJECT MANAGER:
TIM G. BARBEAU, P.E., P.L.S.
DESIGNED BY: RMM
CHECKED BY: PTA
SHEET NUMBER
12

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