

Approved 12/03/09

MINUTES

INFRASTRUCTURE COMMITTEE

November 5, 2009 7:00 P.M.

1. Call to Order, Roll Call, and Establishment of a Quorum. Chairman Dzierzanowski called the meeting to order at 7:00 P.M. Roll Call found Aldermen James Beifuss, Nanette Connelly, Nicholas Dzierzanowski, Russell Radkiewicz, and John Smith present. Alderman Sandra Dimas arrived at 7:05 P.M. Alderman James Smith was absent.

Also in attendance were Public Works Director Robert Flatter, Assistant City Engineer Doug Nooden, Utility Superintendent Herbert Heintz, Utility Supervisor Joe Munder, and Administrative Secretary Michelle Baldino.

Others in attendance included Mark Swayne, John Rickerman, and David Clark of CHM2 Hill (Operations Management International) OMI, Karie Koehneke of Patrick Engineering, and Michael Young and Cathy Morley of RJN Group, Inc.

- 2. Approval of Minutes.
- A. Infrastructure Committee Minutes of October 1, 2009. Alderman Nanette Connelly made a motion to approve the minutes of October 1, 2009 with no changes, seconded by Alderman Russell Radkiewicz. Voting Yea: Aldermen Nanette Connelly, Russell Radkiewicz, James Beifuss, Nicholas Dzierzanowski and John Smith. Voting Nay: 0.

Chairman Dzierzanowski asked for concurrence to move up Item 9. A. on the agenda. Alderman Connelly made a motion, seconded by Alderman Beifuss. Motion was approved by voice vote.

- 9. Reports from Staff.
- A. Quiet Zone Report Patrick Engineering. Ms. Karie Koehneke presented the Committee with an overview of their recommendations as outlined within their report. Staff handed out a Cost Estimate for Smith Road improvements, and Ms. Koehneke handed out aerial photos showing the many railroad crossings within the City, risk analysis calculations and a flow chart of depicting the creation of a new quiet zone or partial quiet zone using supplemental safety measures (SSMs) (Attachment A and B). During discussion of the recommendations as outlined in the report, questions were raised as to how much money is allocated by the railroads for improvements; where the pedestrian path would be located with the Aurora Street closure, and what to what extent is Wayne Township willing to participate for the cost of the Smith Roadway improvements. Since the presentation was indicated for informational purposes at this time, there is no action required.

- 3. Public Participation / Presentations.
- A. 2008 Flow Monitoring Study Report by RJN Group, Inc. Mr. Michael Young, Project Manager, gave a presentation to the Committee in accordance with the attached handout (Attachment C). He stated that the goal of the study was to get an overview of the 100 plus miles of sanitary sewer throughout the City to analyze sources if I/I (Inflow and Infiltration). Mr. Young outlined some of the priorities within his report and recommendations to the Committee. Staff indicated that they support the recommendations in the report, and that they are asking for acceptance of the report and direction on how to proceed.
- B. Wastewater Treatment Plant 5 Year Capital Improvement Program by Operations Management International (OMI). (Attachment D.) Mr. John Rickerman presented the Committee with an overview of their 5 Year Capital Improvement Program and reviewed their recommendations. Included with their recommendations include what capital projects are needed in the short term, beneficial to long term, how to optimize the plant's capabilities, odor control issues, and costs associated with these improvements. Mr. Rickerman concluded that approximately \$18.1 million dollars could be saved in capital improvements by investing in sewer system rehabilitation (reducing I/I), maintenance to the existing plant facilities, and re-rating the plant and upgrading to phosphorus removal. He also reviewed current and projected flow rates. Staff stated that they concur with the recommendations in the plan, and that a follow up presentation will also be made to Winfield.
- 4. Items for Consent. Chairman Dzierzanowski read the items following items for Consent from the Agenda and asked if any members wanted any of them pulled from a vote for discussion.
- A. Contract Award K.A. Steel Chemical Co., for Delivery of Liquid Sodium Hypochlorite
- B. Contract Award Mississippi Lime Co., for Delivery of Rotary Hydrated Lime
- C. Contract Award Trotter & Associates for Route 59 Watermain Improvements
- D. Contract Amendment No. 1/First Extension for Well No. 12 Drilling Project with Layne-Western Company
- E. Contract Amendment No. 1/First Extension for Lift Station No. 7 Generator Project with Electrical Systems, Inc.
- F. Acceptance of Public Improvements 500 Fenton Lane
- G. Acceptance of Public Improvements H.S. Commons, Lot 1 and Lot 2
- H. Approval for Solid Waste Disposal with Groot Industries, DuKane Transfer Station
- I. 2008 Flow Monitoring Study Report RJN Group, Inc.
- J. Wastewater Treatment Plant 5 Year Capital Improvement Program

The following items were pulled for discussion: Items 4.A., 4.E., 4.I., and 4.J.

Alderman Sandra Dimas made a motion, seconded by Alderman Russell Radkiewicz to approve Consent Items B, C, D, F, G, and H with no discussion. Voting Yea: Aldermen Sandra Dimas, Russell Radkiewicz, James Beifuss, Nanette Connelly, Nicholas Dzierzanowski, and John Smith. Voting Nay: 0.

5. Items for Discussion.

4. A. Contract Award – K.A. Steel Chemical Co., for Delivery of Liquid Sodium Hypochlorite. Alderman Beifuss asked for clarification on the bid tabulation attached to the item summary. Ms. Baldino pointed out that there were some clerical errors on the tabulation that would be corrected prior to sending the item to City Council. The "Total as Read" row of numbers is equal to the "Total as Corrected" row of numbers.

Alderman Nanette Connelly made a motion to recommend approval of the Contract Award for Liquid Sodium Hypochlorite to K.A. Steel Chemical Co., seconded by Alderman John Smith. Voting Yea: Aldermen Nanette Connelly, John Smith, James Beifuss, Sandra Dimas, Nicholas Dzierzanowski, and Russell Radkiewicz. Voting Nay: 0.

4. E. Contract Amendment No. 1/First Extension – Lift Station No. 7 Generator Project – Electrical Systems, Inc. Chairman Dzierzanowski asked for an explanation as to what was missing in the original bid documents and what work is being performed. Mr. Flatter explained that there were two separate consultants working on the preparation of this particular set of plans, and one of the older versions of a plan sheet did not make it into the final set of plans before being sent out for bid. The sheet in question was critical in determining costs for sewer work needed. Mr. Flatter explained that there is limited space at the work site, and the storm sewer in this area needs to be redirected. With this addition to the contract, Electrical Systems, Inc. was still the lowest bidder.

Alderman Nicholas Dzierzanowski made a motion, seconded by Alderman Sandra Dimas to approve Contract Amendment No. 1/First Extension to the Lift Station No. 7 Generator Project. Voting Yea: Aldermen Nicholas Dzierzanowski, Sandra Dimas, James, Beifuss, Nanette Connelly, Russell Radkiewicz and John Smith. Voting Nay: 0.

4. I. **2008 Flow Monitoring Report – RJN Group, Inc.** Staff was given direction to proceed with recommendations as identified within the 2008 Flow Monitoring Report, giving consideration to high priority areas and budget constraints.

Alderman Sandra Dimas made a motion, seconded by Alderman John Smith to accept the 2008 Flow Monitoring Report as prepared by RJN Group, Inc., and direction to staff to proceed with the report's recommendations for reductions/eliminations of I & I sources. Voting Yea: Aldermen Sandra Dimas, John Smith, James Beifuss, Nanette Connelly, Nicholas Dzierzanowski, and Russell Radkiewicz. Voting Nay: 0.

4. J. Wastewater Treatment Plant 5 Year Capital Improvement Program – OMI. Staff is asking for acceptance of the recommendations outlined within the Wastewater Treatment Plant 5 Year Capital Improvement Program as prepared by OMI. Direction was given to staff to use the plan as a guide, making adjustments and/or assessments on an annual basis, and to give consideration to prioritize odor control measures.

Alderman Nanette Connelly made a motion, seconded by Alderman Russell Radkiewicz to support the Five Year Capital Improvement Plan prepared by OMI, to recommend staff use it

as a guide for future budget considerations, and to expedite the implementation of odor control measures. Voting Yea: Aldermen Nanette Connelly, Russell Radkiewicz, James, Beifuss, Sandra Dimas, Nicholas Dzierzanowski and John Smith. Voting Nay: 0.

6. Unfinished Business.

A. Mr. Flatter informed the Committee that staff has received pricing for the test pilot crosswalk areas as previously discussed. One of the vendors (Damico Paving) submitted pricing for a product that was not specified by the City, at the lowest price (See Attachment E). During discussion on the product specified, the Committee directed staff to contact Damico Paving for references of existing stamped asphalt paving jobs, and to find out if they will guarantee their product. Also discussed was the possibility of test piloting Damico Paving's product in addition to using the next bidder, Tom Scholl Paving, Inc. with the specified product.

Staff was directed to contact Damico Paving to see if they would guarantee the removal of their product if it failed, and if they would consider paying the difference if the specified product were applied. If they are unwilling to work with the City, then staff is directed to go to the next lowest bidder. Staff suggested that due to the changes in the weather conditions, that this project be delayed until the spring.

- B. Alderman Beifuss asked what was being done about the landscaping at the Metra Station. Mr. Flatter informed him that this spring, an irrigation system will be installed, and the retaining wall will be moved back, replaced to match the keystone, and benches will be installed. He stated that he would provide drawings.
- C. Alderman Radkiewicz asked if the street patching that was completed on Forest Avenue would affect the block grant that the City has already applied for. Mr. Flatter informed him that the patching would not affect funding.
- 7. Other Business. None.
- 8. New Business. None.
- 9. Reports from Staff. (See above).
- **10. Adjournment.** At 9:00 P.M., Alderman Nanette Connelly made a motion to adjourn, seconded by Alderman Sandra Dimas. Motion was approved by voice vote.

Respectfully submitted,

Michelle Baldino Administrative Secretary

Attachment A

Cobert Flatter

From:

Koehneke, Karie [kkoehneke@patrickengineering.com]

Sent:

Thursday, November 05, 2009 4:30 PM

To:

Robert Flatter

Cc:

wtrd@sbcglobal.net; Heath, Steve

Subject: West Chicago Quiet Zone Study - Cost Estimate for Smith Rd.

Mr. Flatter,

We have completed a preliminary cost estimate for a Possible SSM Improvement at Smith Road, per your request. The SSM features Non-Traversable curb medians with an Order of Magnitude cost of \$190,000. The Right-of-Way lines were taken from the DuPage County GIS Website, and are approximate.

Please find attached the Cost Estimate and Exhibit (11x17 PDF).

Thank you,

Karie E. Koehneke

PATRICK Engineering, Inc. 4970 Varsity Drive Lisle, IL 60532-4101 Direct: (630) 795-7304

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Preliminary Cost Estimate Possible Smith Road SSM Improvement

TITLE

30 October 2009 West Chicago Quiet Zone Study
KEK Date
Date
1 of 1Sheet 20951.010 Project No. Project Calc. Checked

TEM	TEM IDESCRIPTION	Abbreviation	TIND	QUANTITY	QUANTITY UNIT PRICE	TOTAL
00100	SZ100100 MOBILIZATION	MOBILIZATION	ST	1	\$10,000.00	\$10,000.00
00100	20100100 MODIFICATION AND PROTECTION STANDARD 701316	TRAF CONT-PROT 701316	ST	-	\$10,000.00	\$10,000.00
20000	AAOOOOS HOTAMY ASPHALT SLIREAGE REMOVAL COMPLETE	HMA SURF REM COMPLETE	SY	1217	\$8.00	\$9,736.00
00200	A4000000 INCLAMIK AND INTEL COLLEGE CO	EARTH EXC WID	ζ	226	\$32.00	\$7,232.00
03800	GORDON COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMB CC&G TB6.12	4	451	\$25.00	\$11,275.00
01332	35501332 HOT-MIX ASPHAI T BASE COURSE, 12"	HMA BASE CSE 12	SY	265	\$75.00	\$19,875.00
0000	40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	HMA SURF REM BUTT JT	SY	24	\$25.00	\$600.00
00035	Adendess EVELING RINDER (MACHINE METHOD), N70	LEV BIND MM N70	TON	212	\$120.00	\$25,440.00
03310	40603310 HOT-MIX ASPHALT SLIRFACE COURSE, MIX "C", N50	HMA SC "C" N50	TON	170	\$130.00	\$22,100.00
18320	ANGUESTO CONCRETE MEDIAN STIREACE, 6 INCH	CONC MEDIAN SURF 6	SF	873	\$9.00	\$7,857.00
18390	SOCIATION CONCRETE MEDIAN SUBFACE, CORRUGATED	CONC MED SURF CORR	SF	39	\$10.00	\$390.00
00500	48100500 AGGREGATE SHOLLI DERS TYPE A 6"	AGGREGATE SHLDS A 6	λS	401	\$9.00	\$3,609.00
00000	79300505 PAINT DAVEMENT MARKING REMOVAL	PAINT PAVT MK REMOV	上	19	\$2.50	\$47.50
00000	7800000 THERMODI ASTIC PAVEMENT MARKING - LINE 4"	THPL PVT MK LINE 4	-F	468	\$2.00	\$936.00
0/200	78000970 THERMOPLASTIC PAVEMENT MARKING - ALKYD - LINE 24"	THPL PVT MK ALKYD L24	- LF	24	\$5.00	\$120.00
					SUBTOTAL=	\$129,217.50
CONTINGENCY	NCY		ASSUME	20.00%	_L	\$25,843.50
		S	UBTOTAL FO	R GRADING C	SUBTOTAL FOR GRADING CONTRACTOR=	\$155,061.00

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ITEM	DESCRIPTION	ONIT	QUANTILY	UNII PRICE	IOIAL
	EXTEND I ENGTH OF CROSSING TO 40-FEET	ST	1	\$20,000.00	\$20,000.00
	BELOCATE EL ASHING GATES & POSTS	ST	2	\$5,000.00	\$10,000.00
				SUBTOTAL=	\$30,000.00
CONTINGENC	ENCY	ASSUME	20.00%	+	\$6,000.00
		SUBTOTAL FOR CN FORCE ACCOUNT WORK=	FORCE ACC	OUNT WORK=	\$36,000.00
				J	
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TOTAL FOR SMITH RD. IMPROVEMENTS= \$191,061.00

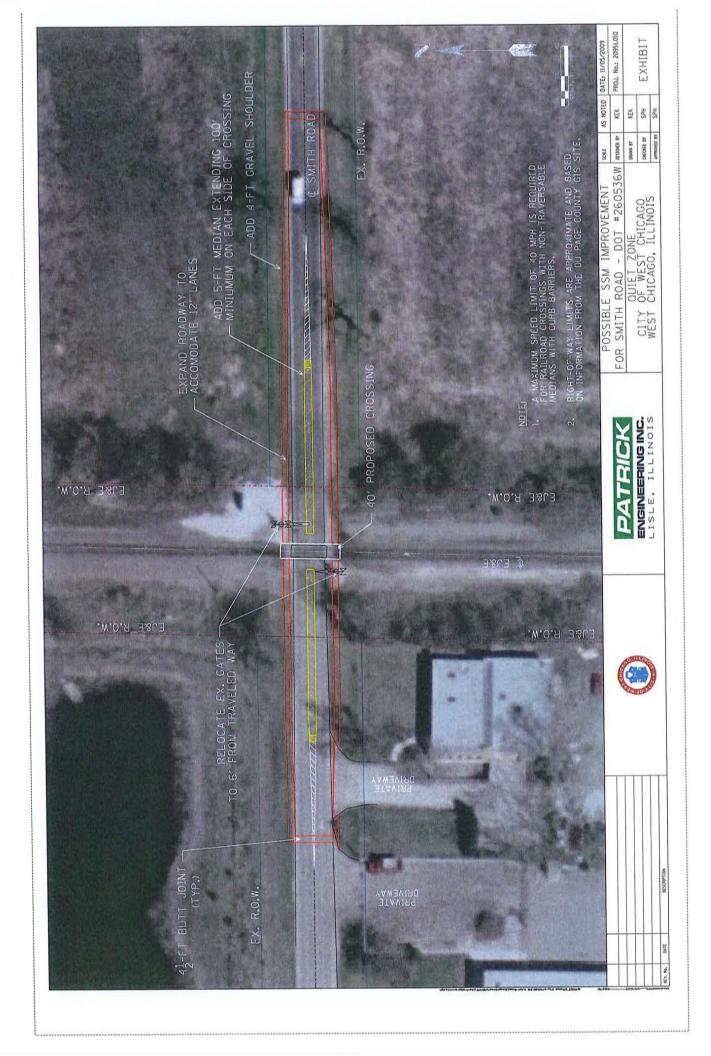
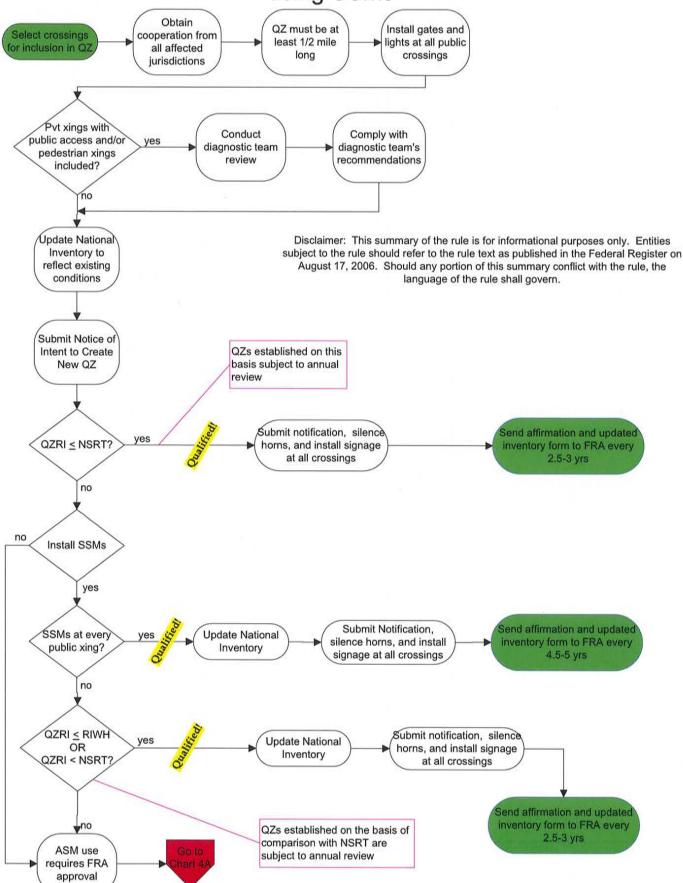


Chart 3 - Creating a New Quiet Zone or New Partial Quiet Zone using SSMs





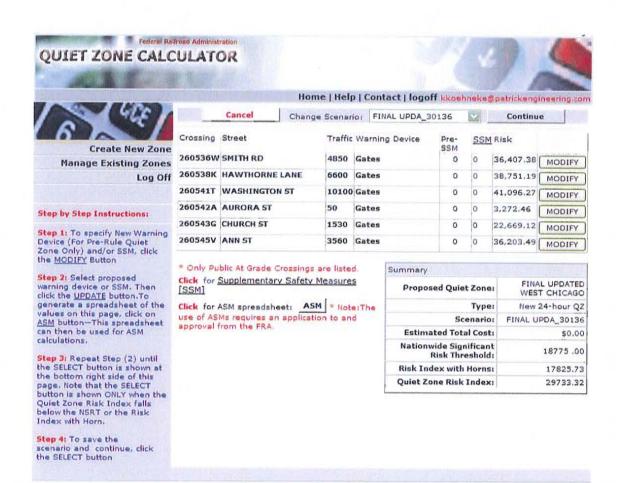
Supplemental Safety Measures (SSM)

SSM CODES | other codes

- 1 Temporary Closure of a Public Highway-Rail Grade Crossing
- 2 Permanent Closure of a Public Highway-Rail Grade Crossing
- 3 Grade Separation of a Public Highway-Rail Grade Crossing
- 4 Four-Quadrant Gates Upgrade from Two Quadrant gates, No Vehicle Presence Detection
- 5 Four-Quadrant Gates Upgrade from Two Quadrant Gates, with medians and no Vehicle Presence Detection
- 6 Four-Quadrant Gates Upgrade from Two Quadrant Gates, with Vehicle Presence Detection
- 7 Four-Quadrant Gates Upgrade from Two Quadrant Gates, with medians and Vehicle Presence Detection
- 8 Four-Quadrant Gates New Installation, No Vehicle Presence Detection
- 9 Four-Quadrant Gates New Installation with medians and no Vehicle Presence Detection
- 10 Four-Quadrant Gates New Installation with Vehicle Presence Detection
- 11 Four-Quadrant Gates New Installation with medians and Vehicle Presence Detection
- 12 Mountable medians with Reflective Traffic Channelization Devices
- 13 Non-Traversable Curb Medians with or without Channelization Devices
- 14 One-Way Streets with Gates

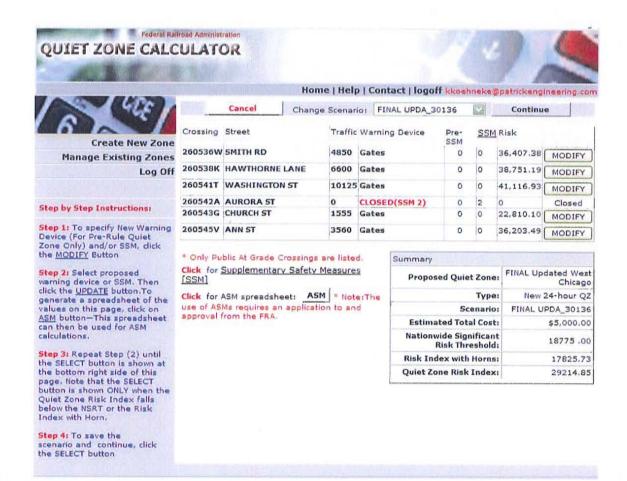


Existing QZ Risk Conditions





Closure Risk Analysis

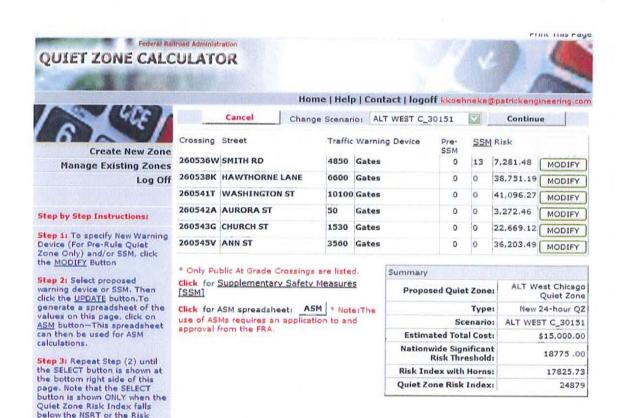




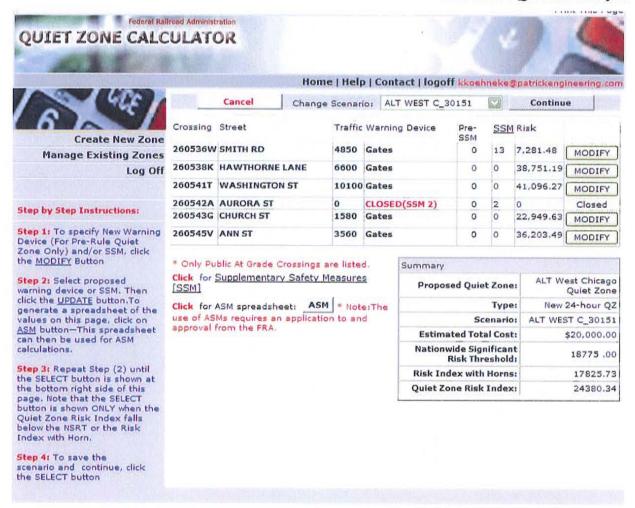
Index with Horn,

Step 4: To save the scenario and continue, click the SELECT button

Alternative QZ Risk Analysis



Alternative QZ Risk Analysis



The above risk analysis was calculated for the Alternative Recommended Improvements, including proposed improvements at Smith Road, application for the ASM at the Hawthorne Lane crossing, and the additional closure of the Aurora Street grade crossing. The overall risk can be expected to reduce from 29,733 (as outlined in the Letter of Recommendations dated September 18, 2009) to 12,755. This scenario includes an estimated risk reduction of 30% for Hawthorne Lane upon completing the ASM application.



REV. No. DATE

DESCRIPTION

ENGINEERING INC.

LISLE, ILLINOIS

0 500 1000 200 SCALE

QUIET ZONE LIMITS

QUIET ZONE
CITY OF WEST CHICAGO
WEST CHICAGO, ILLINOIS









DESCRIPTION

REV. No. DATE



QUIET ZONE CITY OF WEST CHICAGO WEST CHICAGO, ILLINOIS

SCALE	AS NOTED	DATE: 11/04/2009
DESIGNED BY	KEK	PROJ. No.: 20951.010
DRAWN BY	KEK	
CHECKED BY	SPH	EX-4
APPROVED BY	SPH	



Excellence through Ownership

Sanitary Sewer System Flow Monitoring Study City of West Chicago, Illinois





Presented by Michael N. Young, P.E.

Prepared by RJN Group, Inc. Wheaton, IL

What Is Inflow and Infiltration

- Extraneous Flow that Enters from Two Different Sources
- Infiltration Is Groundwater that Enters Through Defective Pipes, Manholes, or Building Connections
- Way of Downspouts, Sump Pumps, Manholes, and Catch Basins Inflow Is Rain or Surface Water that Finds Direct Entrance by

Industry Insiders Call It: 1/1

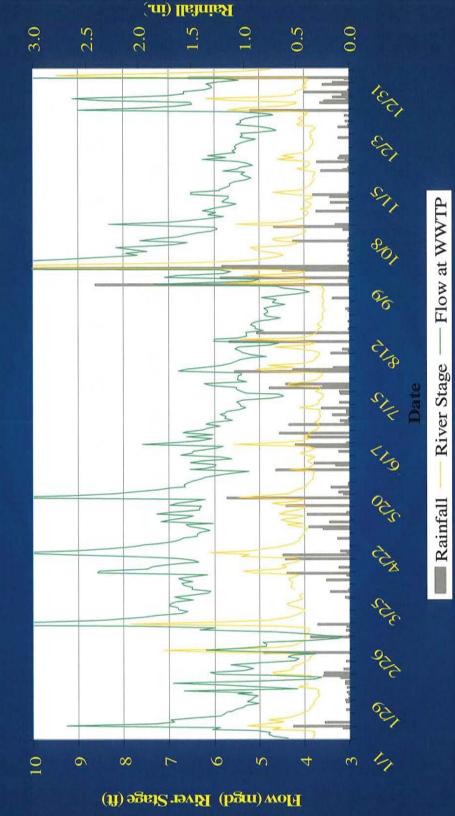
rjngroup

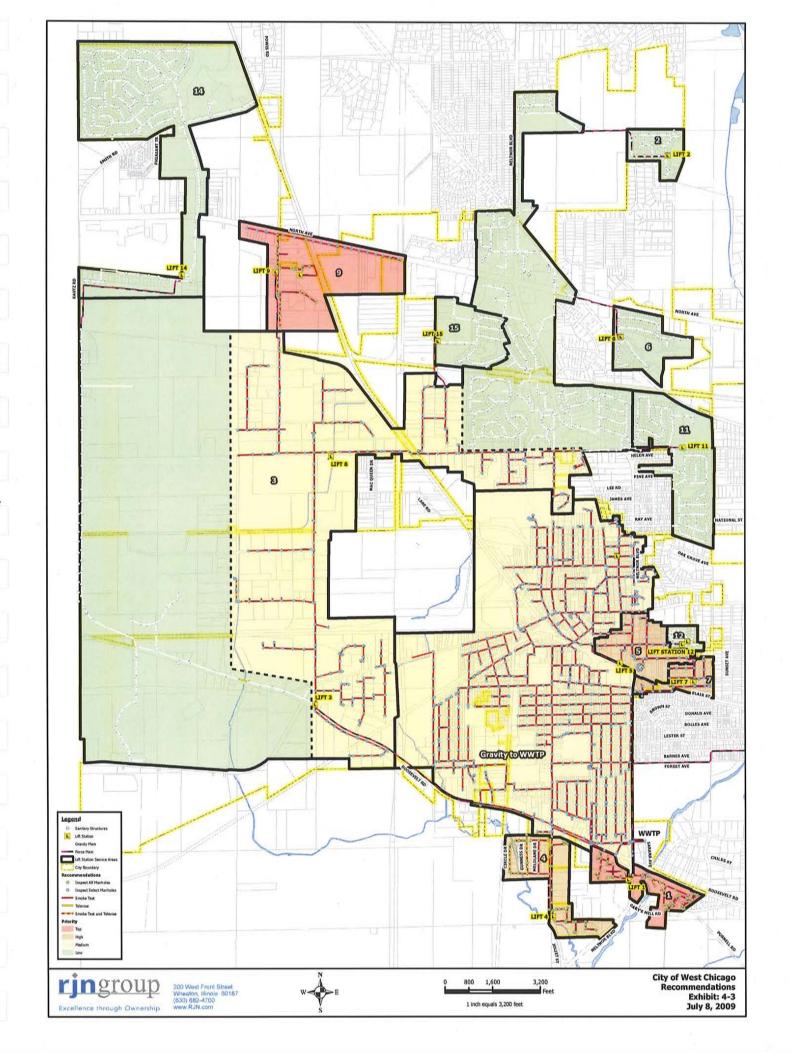
Typical I/I Sources



River Stage Impact







Excellence through Ownership

Finding Sources of I/I

- Smoke Testing
- Manhole Inspection
- Television Inspection
- Dye Testing
- Selective Building Inspection



Public Sector Rehabilitation

- Sewer Rehabilitation
- Point repairs
- Lining
- Replacement
- Manhole Rehabilitation
- Removal of Cross Connections



Addressing Private Sources

- Review Ordinances
- Direct Sump Pump Connections
- Prevent New Sources
- Property Transfer Inspections
- Downspouts
- Directly connected storm sump pumps
- Diverter valves and combined sumps
- Building Inspections Floodplain and Flood Prone Areas
- Consider Additional Steps in the Future

Eight Year Planning Horizon Alternative

		2010		2011	15	2012		2013	20.75	2014		2015	5		2016	2017	11		Total
Headworks	S	\$ 300,000 \$ 500,000	ક	200,000			\$	400,000										\$	\$ 1,200,000
Primary Clarifiers	\$	125,000 \$	ક	20,000	ક	\$ 000,03	\$	20,000 \$ 50,000 \$ 50,000	\$	50,000	\$	20	0000					\$	375,000
Aeration Basins					ક્ક	\$ 200,000 \$ 500,000 \$2,000,000 \$1,000,000	\$	200,000	\$2,	000,000	\$	1,000	0000					ક	\$ 3,700,000
Secondary Clarifiers	S	\$ 125,000 \$ 125,000	ક	125,000	ક	\$ 125,000 \$	S	125,000										\$	500,000
Tertiary Filters	\$	\$ 100,000 \$ 500,000	ક	500,000					S	150,000	\$	700	000,	ક	\$ 150,000 \$ 700,000 \$ 700,000			\$	\$ 2,150,000
Disinfection	S	70,000												ક	150,000 \$ 650,000	\$ 650	000,0	s	870,000
Solids Thickening			ક્ર	\$ 350,000														\$	350,000
Anaerobic Digestion	\$	\$ 450,000 \$ 100,000	B	100,000														ક	550,000
Solids Dewatering	S		S	50,000 \$ 200,000	8	\$ 200,000												\$	450,000
Odor Control														S	\$ 200,000 \$1,100,000	\$1,100	0000,0	\$	\$ 1,300,000
SCADA									\$	\$ 200,000 \$ 100,000	8	100	000					ક્ક	300,000
Security			\$	20,000										8	800,000			S	850,000
Buildings/Roofing	\$	\$ 490,000																\$	490,000
Misc Capital	ક	\$ 150,000 \$ 150,000	↔	150,000	ક્ક	\$ 150,000 \$ 150,000 \$ 150,000 \$ 150,000 \$ 150,000 \$ 150,000 \$ 1,200,000	ક	150,000	ક	150,000	\$	150	000'	ક	150,000	\$ 150	000,0	\$	1,200,000
Subtotal	\$	\$1,860,000 \$2,025,000	\$	2,025,000	ક્ર	\$ 725,000 \$1,225,000 \$2,550,000 \$2,000,000 \$2,000,000 \$1,900,000 \$14,285,000	\$1	,225,000	\$2,	550,000	\$	2,000	000,	\$2,	000,000	\$ 1,900	000,0	\$ 1	4,285,000
Engineering	ક્ર	\$ 372,000 \$ 405,000	↔	405,000	ક્ર	\$ 145,000 \$ 245,000 \$ 510,000 \$ 400,000 \$ 400,000 \$ 380,000 \$ 2,857,000	S	245,000	S	510,000	€>	400	000,	S	400,000	\$ 380	0000,0	\$	2,857,000
Total	\$2	\$2,232,000 \$2,430,000	8	2,430,000	↔	\$ 870,000 \$1,470,000 \$3,060,000 \$2,400,000 \$2,400,000 \$2,280,000 \$17,142,000	\$1	,470,000	\$3,	000,090	8	2,400	000	\$2,	400,000	\$2,28(0000,0	\$17	7,142,000



ROBERT E. FLATTER, P.E. DIRECTOR (630) 293-2255 FAX (630) 293-2971

DEPARTMENT OF





UTILITY DIVISION 293-2255 STREET DIVISION 293-2250 WASTEWATER DIVISION 293-2261 ENGINEERING DIVISION 293-2255

TO:

Robert Flatter, P.E., Public Works Director/City Engineer

Doug Nooden, P.E., Assistant City Engineer

FROM:

Douglas M. Masters, Thomas Engineering Group, LLC

DATE:

November 4, 2009

RE:

2009 Stamped Asphalt Pilot Study Project - Tabulation of Written Proposals Evaluation

Staff prepared requests for written proposals for contractors to provide stamped asphalt at three bituminous crosswalk locations. The specified process to be used was "StreetPrint"® or approved equal, which imprints a template pattern into the hot mix asphalt road surface and applies a colored epoxy modified acrylic polymer coating.

On October 24, 2009, staff received and opened three (3) bids from the following three interested firms:

	Contractor:		Process:	Quantity:	Units:	Unit Price:		Total:
1)	Damico Paving St Charles, IL	Paint:	Stamped Asphalt ColorPave HD 500, 100%	623 6 acrylic water	SF based em	\$ 9.75 ulsion coating	\$	6,074.25
2)	Tom Scholl Paving Inc. Bridgeview, IL	Paint:	StreetPrint StreetBond Coating, epox	623 ky modified, ad	SF crylic base	\$ 11.00 d, waterborne	\$ coat	6,853.00 ing
3)	M&J Asphalt Paving Company, In Cicero, IL	ic. Paint:	StreetPrint StreetBond Coating, epox	623 ky modified, ad	SF crylic base	\$ 28.00 d, waterborne	\$ coat	17,444.00 ing

The Tabulation of Bids worksheet (above) was developed for evaluation of the lowest bidder. Staff's evaluation of the written proposals included consideration of the unit prices, past performances, and the construction process and paint proposed to be used. Based on the Tabulation of Bids, Tom Scholl Paving Inc. was the lowest responsible bidder that met the City's requested criteria, to include the specified construction process (StreetPrint®) and paint. Damico Paving was the lowest bidder based solely on total price. However, after discussions with Damico Paving and review of their product specifications, submitted after the submittal deadline, Damico's proposed construction process and paint was determined to not meet the City's requested requirements of the StreetPrint® process and paint.

The paint's application guidelines requires the air temperature be 50 0 F and rising and to not drop below 50 0 F within 8 hours of application. Tom Scholl, President of Tom Scholl Paving Inc., recommends a minimum application temperature of 65 0 F and for the temperature to not drop below 45 0 F for a 24-hour period. Application guidelines also specify that no precipitation should be expected within 2 (two) hours after the final layer of paint is dry to touch. The City's proposal requires four (4) layers of paint. Minimally, the surface must be 100% dry before traffic is permitted. The dry time is approximately 4 (four) hours at 81 0 F and increases significantly to 8 (eight) hours at 60 0 F.

Due to the recent and predicted weather conditions not meeting these requirements and in order to decrease the amount of time that the roadways are closed to City traffic, Tom Scholl has recommended the stamped asphalt project be performed next year when the weather conditions are more conducive to performing the construction. Tom Scholl indicated that the City would receive a much better product with warmer temperatures and has agreed to keep his submitted unit prices for the spring months of 2010 in order to provide the City with his work.

Tom Scholl Paving Inc. meets the City's requirements, has performed work similar to the City's defined scope, and has the necessary equipment and qualified personnel to perform the required services. After careful consideration, Thomas Engineering Group hereby recommends that the contract for the 2009 Stamped Asphalt Pilot Study Project be awarded to the lowest responsible bidder, Tom Scholl Paving Inc., for an amount of \$6,853.00.

Respectfully,

Douglas M. Masters

Cc: Kevin VanDeWoestyne, Project Manager, Thomas Engineering Group, LLC 2009 Stamped Asphalt Pilot Study Project – File