
MEMORANDUM



TO: City Council
FROM: Robert Barbian
SUBJECT: Cul-de-sac east end of 33rd Street
DATE: April 21, 2020

Background:

The City of Princeton and Township have executed the Joint Powers Agreement establishing the basis for the reconstruction of 33rd and 82nd. In the Joint Powers Agreement, the estimated costs have been identified through the bid that has been awarded.

Within the project a cul-de-sac was included at the east end of 33rd Street. Associated with the cul-de-sac the City is to acquire the necessary land. Should the land easement not be acquired the cul-de-sac would not be built or billed to the city.

The Princeton School District has indicated that they do not wish to consider providing the land if it will result in any additional cost being assessed to the School for the project.

The total estimated cost of the cul-de-sac is 31,333.50. In the Cost Allocation exhibit the cost is split with a half allocated to the Township and half the City. The Council has discussed assessing at least a portion of the 15,666.75 to the School District. At the Public Hearing held for the project I had suggested the City consider covering the estimated legal and administrative cost about 4K plus about 7K toward the cul-de-sac.

Analysis:

There seems to be a gap combined with a lack of interest for the cul-de-sac. It is difficult to find a rational and beneficiaries of the cul-de-sac.

Direction from the City Council on what to do about acquiring an easement is requested.
Should staff proceed to acquire an easement?

EXHIBIT A
(Cost Allocation)

No.	ITEM	UNIT	ESTIMATED QUANTITY	UNIT BID PRICE	TOTAL COST	ASSESSMENT COSTS
SCHEDULE B - 33rd STREET - East of 82nd Avenue						
1	Shoulder Reconstruction	LF	1,800	\$ 0.85	\$ 1,530.00	\$ 765.00 *
2	Subgrade Preparation	LF	900	\$ 1.70	\$ 1,530.00	\$ 765.00 *
3	3" Class 5 Aggregate	TN	720	\$ 12.90	\$ 9,288.00	\$ 4,644.00 *
4	2" Bituminous Non-Wear course	TN	295	\$ 64.85	\$ 19,130.75	\$ 9,565.38 *
5	1-1/2" Bituminous Wear course	TN	220	\$ 64.85	\$ 14,267.00	\$ 7,133.50 *
6	Crushed Concrete Shouldering	TN	135	\$ 17.60	\$ 2,376.00	\$ 1,188.00 *
7	Tack - Shoulder Stabilization	Gal	100	\$ 3.35	\$ 335.00	\$ 167.50 *
8	Traffic Control	LS	1	\$ 2,800.00	\$ 2,800.00	\$ 1,400.00 *
Subtotal					\$ 51,256.75	\$ 25,628.38 *
Turn-Around at East End						
9	Clear & Grub	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 1,500.00 *
10	Silt Fence	LF	120	\$ 5.00	\$ 600.00	\$ 300.00 *
11	Site Grading	LS	1	\$ 6,500.00	\$ 6,500.00	\$ 3,250.00 *
12	8" Class 5 Aggregate	TN	380	\$ 12.90	\$ 4,902.00	\$ 2,451.00 *
13	2" Bituminous Non-Wear course	TN	110	\$ 64.85	\$ 7,133.50	\$ 3,566.75 *
14	1-1/2" Bituminous Wear course	TN	80	\$ 64.85	\$ 5,188.00	\$ 2,594.00 *
15	Crushed Concrete Shouldering	TN	25	\$ 17.60	\$ 440.00	\$ 220.00 *
16	Seed, Mulch & Fertilizer	AC	0.3	\$ 9,900.00	\$ 2,970.00	\$ 1,485.00 *
17	Traffic Control	LS	1	\$ 600.00	\$ 600.00	\$ 300.00 *
Subtotal					\$ 31,333.50	\$ 15,666.75 *
SCHEDULE B - 33rd STREET - East of 82nd Ave.					\$ 82,590.25	\$ 41,295.13 *
SCHEDULE C - 82nd AVENUE - South of 33rd Street						
1	Shoulder Reconstruction	LF	2,040	\$ 0.85	\$ 1,734.00	\$ 563.55 *
2	Subgrade Preparation	LF	1,020	\$ 1.70	\$ 1,734.00	\$ 563.55 *
3	3" Class 5 Aggregate	TN	735	\$ 12.90	\$ 9,481.50	\$ 3,081.49 *
4	2" Bituminous Non-Wear course	TN	330	\$ 64.85	\$ 21,400.50	\$ 6,955.16 *
5	2" Bituminous Wear course	TN	430	\$ 64.85	\$ 27,885.50	\$ 9,062.79 *
6	Bituminous Tack Coat	Gal	30	\$ 4.30	\$ 129.00	\$ 41.93 *
7	Crushed Concrete Shouldering	TN	195	\$ 17.60	\$ 3,432.00	\$ 1,115.40 *
8	Tack - Shoulder Stabilization	Gal	100	\$ 3.35	\$ 335.00	\$ 108.88 *
9	Traffic Control	LS	1	\$ 2,800.00	\$ 2,800.00	\$ 910.00 *
SCHEDULE C - 82nd AVENUE - South of 33rd St.					\$ 68,931.50	\$ 22,402.74 *
ESTIMATED CONSTRUCTION COST					\$ 151,521.75	\$ 63,697.86
PREPARE BID DOCUMENTS AND OBTAIN BIDS					\$ 5,000.00 ^	\$ 1,700.00 *
ENG./SURVEY/CONST. ADMIN. - 33rd ST.					\$ 14,500.00 ^	\$ 7,250.00 *
ENG./SURVEY/CONST. ADMIN. - 82nd AVE.					\$ 15,200.00 ^	\$ 4,940.00 *
City Legal & Admin. Costs (5%)						\$ 3,879.39
TOTAL ASSESSED COST					\$	\$ 81,467.26