



Memo

TO: Mayor Manier and City Council
FROM: Ed Andrews, Public Works Director
SUBJECT: Roadway Resurfacing Bid
Section No: 17-00000-01-RS
DATE: March 17, 2017

Bids for the above project were received until 1pm, and subsequently opened at City Hall at 1:05pm, on Thursday March 16th. The advertisement for bids was published in the Washington Courier for the required minimum of two weeks' notice of bidding for the project. This base bid work is for the partial mill and overlay of 0.21 miles of Centennial Road from Spring Creek Rd to McClugage Rd with 1.5" of Leveling Binder and 1.5" of Surface Course and for the full mill and overlay of 0.21 North Main St from Walnut St to Farm Creek with 2" of Surface Course to preserve the curb line.

Two firms bid on the project with the following results for the base bid (Items 1-15):

Engineer's Estimate:	\$243,245.00
Tazewell County Asphalt:	\$248,942.10
RA Cullinan:	\$238,189.02

At the request of the Public Works Committee Chairman, an additional Alternate Bid was requested for the consideration of the mill and overlay of Freedom Parkway. This request was included as formal Addendum #1 with the requirement that the base bid unit prices be extended for this work and the additional Traffic Control for this segment be quoted as Item 16 – ALT ADD Traffic Control. As such, an additional \$170,411.21 is estimated for the full mill and 1.5" overlay of Freedom Parkway.

It is recommended that the **Base Bid** award be made to RA Cullinan under the awarded unit price contract at an estimated amount of **\$238,189.02**. If Council so desires to undertake the Alternate Addition work for Freedom Parkway, this would increase this amount to \$408,600.23.

This matter has been placed on the agenda for the City Council meeting of Monday, March 20, 2017, for review and consideration.

cc: File

Bid Opening: 1:05 PM
Date: 3/16/2017
Location: City Hall

County Tazewell
Local Public Agency City of Washington
Section 17-00000-01-RS
Route Various

Bid Tabulations

Items	Unit	Quantity	Engineer's Opinion of Probable Cost			Bidder #1 Tazewell County Asphalt				Bidder #2 RA Cullinan & Son				Bidder #3	
			Est Unit \$	Est Cost	Est Unit \$	As-Read	As-Calcd Cost	Est Unit \$	As-Read	As-Calcd Cost	Est Unit \$	As-Read	As-Calcd Cost	Est Unit \$	As-Calcd Cost
1 BIT SURF REMVL (VAR)	SY	6390	\$ 3.00	\$ 19,170.00	\$ 7.50	\$ 47,925.00	\$ 47,925.00	\$ 5.42	\$ 34,633.80	\$ 34,633.80			\$ -		\$ -
2 AGG Sldr - TY B	TON	74.2	\$ 50.00	\$ 3,710.00	\$ 80.00	\$ 5,936.00	\$ 5,936.00	\$ 92.89	\$ 6,892.44	\$ 6,892.44			\$ -		\$ -
3 BIT MTRL PR CT	GAL	762	\$ 5.00	\$ 3,809.50	\$ 5.50	\$ 4,191.00	\$ 4,190.45	\$ 16.98	\$ 12,938.76	\$ 12,937.06			\$ -		\$ -
4 HMA - LVL BNDR	TON	430.0	\$ 120.00	\$ 51,600.00	\$ 108.00	\$ 46,440.00	\$ 46,440.00	\$ 109.91	\$ 47,261.30	\$ 47,261.30			\$ -		\$ -
5 HMA - SURF CSE	TON	984.0	\$ 120.00	\$ 118,080.00	\$ 110.00	\$ 108,240.00	\$ 108,240.00	\$ 106.31	\$ 104,609.04	\$ 104,609.04			\$ -		\$ -
6 SHORT TERM PAVT MRKS	LF	2624	\$ 1.50	\$ 3,936.00	\$ 0.75	\$ 1,968.00	\$ 1,968.00	\$ 1.43	\$ 3,752.32	\$ 3,752.32			\$ -		\$ -
7 THERMO PVT MRK - 4"	LF	6780	\$ 2.50	\$ 16,950.00	\$ 0.82	\$ 5,559.60	\$ 5,559.60	\$ 0.91	\$ 6,169.80	\$ 6,169.80			\$ -		\$ -
8 THERMO PVT MRK - 8"	LF	928.5	\$ 5.00	\$ 4,642.50	\$ 1.64	\$ 1,522.74	\$ 1,522.74	\$ 1.81	\$ 1,680.59	\$ 1,680.59			\$ -		\$ -
9 THERMO PVT MRK - 12"	LF	298.1	\$ 10.00	\$ 2,981.00	\$ 2.47	\$ 736.31	\$ 736.31	\$ 2.73	\$ 813.81	\$ 813.81			\$ -		\$ -
10 THERMO PVT MRK - 16"	LF	88	\$ 5.00	\$ 440.00	\$ 3.00	\$ 264.00	\$ 264.00	\$ 3.32	\$ 292.16	\$ 292.16			\$ -		\$ -
11 THERMO PVT MRK - 24"	LF	192	\$ 7.50	\$ 1,440.00	\$ 4.75	\$ 912.00	\$ 912.00	\$ 5.25	\$ 1,008.00	\$ 1,008.00			\$ -		\$ -
12 THERMO PVT MRK - LTR&SYM	SF	49.6	\$ 35.00	\$ 1,736.00	\$ 5.00	\$ 248.00	\$ 248.00	\$ 5.53	\$ 274.29	\$ 274.29			\$ -		\$ -
13 MH ADJ	EA	8.0	\$ 500.00	\$ 4,000.00	\$ 750.00	\$ 6,000.00	\$ 6,000.00	\$ 800.00	\$ 6,400.00	\$ 6,400.00			\$ -		\$ -
14 VALVE ADJ	EA	3.0	\$ 250.00	\$ 750.00	\$ 250.00	\$ 750.00	\$ 750.00	\$ 350.00	\$ 1,050.00	\$ 1,050.00			\$ -		\$ -
15 TC&P	LS	1.0	\$ 10,000.00	\$ 10,000.00	\$ 18,250.00	\$ 18,250.00	\$ 18,250.00	\$ 10,414.41	\$ 10,414.41	\$ 10,414.41			\$ -		\$ -
16 ALT ADD - Traffic Control	EA	1.0	\$ 5,000.00	\$ 5,000.00	\$ 10,800.00	\$ 10,800.00	\$ 10,800.00	\$ 3,050.95	\$ 3,050.95	\$ 3,050.95			\$ -		\$ -
				\$ 243,245.00		\$ 248,942.65	\$ 248,942.10		\$ 238,190.72	\$ 238,189.02			\$ -		\$ -

Bid Bond

Addendum #1

ALT ADD - Freedom Parkway

County Tazewell
 Local Public Agency City of Washington
 Section 17-00000-01-RS
 Route Various

RA Cullinan & Son

	Items	Unit	Quantity	Est Unit \$	As-Read	As-Calc'd Cost
1	BIT SURF REMVL (VAR)	SY	10129	\$ 5.42		\$ 54,899.18
2	AGG SLDR - TY B	TON		\$ 92.89		\$ -
3	BIT MTRL PR CT	GAL	770	\$ 16.98		\$ 13,074.60
4	HMA - LVL BNDR	TON		\$ 109.91		\$ -
5	HMA - SURF CSE	TON	851.0	\$ 106.31		\$ 90,469.81
6	SHORT TERM PAVT MRKS	LF	1000	\$ 1.43		\$ 1,430.00
7	THERMO PVT MRK - 4"	LF	3500	\$ 0.91		\$ 3,185.00
8	THERMO PVT MRK - 8"	LF	928	\$ 1.81		\$ 1,679.68
9	THERMO PVT MRK - 12"	LF	100	\$ 2.73		\$ 273.00
10	THERMO PVT MRK - 16"	LF	0	\$ 3.32		\$ -
11	THERMO PVT MRK - 24"	LF	123	\$ 5.25		\$ 645.75
12	THERMO PVT MRK - LTR&SYM	SF	308	\$ 5.53		\$ 1,703.24
13	MH ADJ	EA		\$ 800.00		\$ -
14	VALVE ADJ	EA		\$ 350.00		\$ -
15	TC&P	LS		\$ 10,414.41		\$ -
16	ALT ADD - Traffic Control	EA	1.0	\$ 3,050.95		\$ 3,050.95
						\$ 170,411.21

**Advertisement for Bid
for
Various Routes
Section# 17-0000-01-RS
City of Washington, Illinois**

The City of Washington, Illinois, will receive sealed bids for the mill and overlay of 0.21 miles of Centennial Road from Spring Creek Rd to McClugage Rd and 0.21 North Main St from Walnut St to Farm Creek, until **1:00 p.m. on Thursday, the 16th day of March, 2017**, at City Hall, 301 Walnut Street, Washington, IL 61571, at which time and place all bids will be publicly opened and read aloud.

Award of bid is anticipated to be on Monday, March 20th, 2017.

Specifications, Contract Documents, and Proposal Forms for Section #17-0000-01-RS may be obtained from the Office of the Public Works Director at the above address beginning on Wednesday, March 1st, 2017.

Major work items include: 6390SY of Bituminous Surface Removal, 75T of Aggregate Shoulders, 430T of HMA Leveling Binder, 984T of HMA Surface Mix, and 6780LF of Thermoplastic Pavement Markings – 4", as well as other supporting items.

The City of Washington, Illinois, reserves the right to reject any or all bids and waive any informality in bidding.

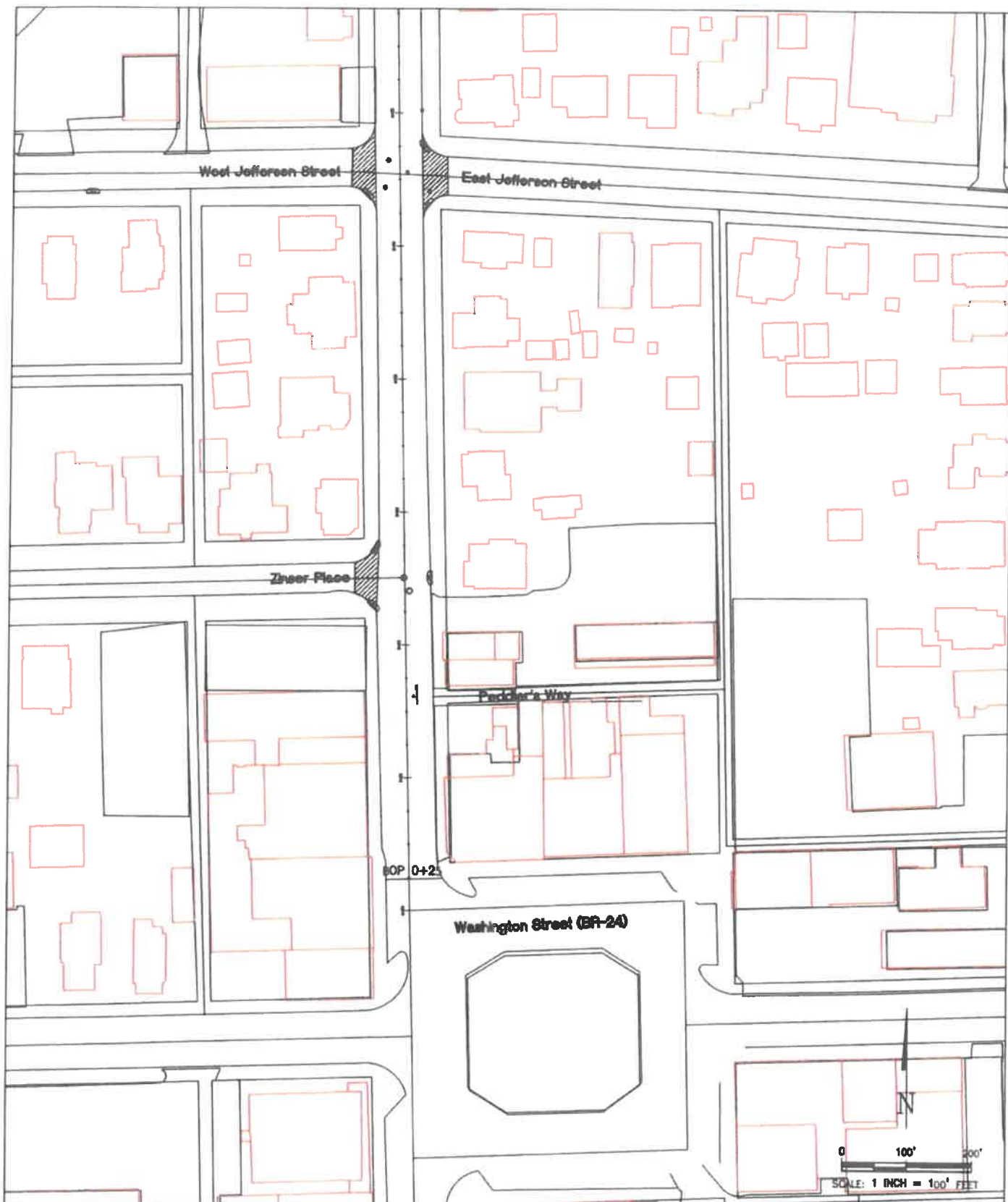


PAVING SCHEDULE CITY OF WASHINGTON 17-40000-JT-RS			Target App Rates												
Roadway	Limits		Length (MI)	Avg. Width (FT)	Area (SY)	Milling VAR Depth (IN)	MH ADJ (EA)	VALVE ADJ (EA)	Agg Shldrs 3" Typ (TON)	Bit Mtrl Pr Ct (GAL)	HMA Lvl Bndr-1.5" (TONS)	HMA SC - 1.5" Typ (TONS)	HMA SC - 2" Typ (TONS)	Inch 1.5	Inch 2.0
	80P	EOP													
Centennial	Spring Creek Rd	0	85	0.02	24	227									
		85	115	30	24	80	80								
	Old Centennial Rd	115	610	0.09	32	1,760	68								
		610	1062	0.09	40	2,009	68								
North Main St	Old Centennial Rd	1062	1200	0.03	VAR	1,583	138								
	WB US BR-24	0	25	0.00	VAR										
		25	250	0.04	40	1,000	225								
	Zinser Pl	250	555	0.06	34	1,152	305								
	Jefferson St	555	720	0.03	34	623	165								
		720	870	0.03	34	557	150								
	Calvary Way	870	911	0.01	34	155	41								
		911	1145	0.04	34	884	234								
	RR Crossing	870	911	0.01	34	155	41								
		911	1145	0.04	34	884	234								
TOTALS				0.4		6,380.2	8	3	74.2	761.9	423.6	462.0	521.8		



PAVEMENT MARKINGS
CITY OF WASHINGTON
17-00000-01-RS

Roadway	Limits		Length		4" SHORT TERM (FT)	4" YELLOW SOLID (x2) (FT)	4" WHITE SOLID (FT)	8" WHITE SKIP (FT)	8" WHITE SOLID (FT)	12" YELLOW SOLID (FT)	12" WHITE SOLID (FT)	16" WHITE SOLID (FT)	24" WHITE SOLID (FT)	LTRS & SYM WHT (SF)	Comments
	BOP	EOP	(FT)	(MI)											
Centennial Spring Creek Rd	0	85	85	0.02											STA 0+00 Centerline Spring Creek Road BEGIN at Eastend of Spring Creek Curb Return BEGIN Taper w/ x2 and Diagonals @ 20' o/c Burr Joint Taper 30' @ 1" to 20' (1.5" SC Only) Start Level Blinder at 1" to 20' Taper (STA 1+45 Begin Both Lifts) STA 6+10 Centerline Old Centennial (Incl Radius RT) END at EOP SB McCluggage Thru Lanes 115+/- of Intersection ISLAND (RT) ISLAND (LT)
	85	315	230	0.04	92	460	460			93			12.0	17.6	
	315	575	260	0.05	416	1,040	520								
	575	650	75	0.01			150		75.0						
	650	725	75	0.01	111.00	590	150								
Old Centennial Rd	725	1070	345	0.07	138	690	690	173	110.0				24.0	17.6	STA 6+10 Centerline Old Centennial (Incl Radius RT) END at EOP SB McCluggage Thru Lanes 115+/- of Intersection ISLAND (RT) ISLAND (LT)
	1070	1180	110	0.02	107.00	220	220		256	93	112		12.0		
North Main St WB US BR-24	0	25	25	0.00											STA 0+00 Approx IDOT Jurisdiction Line BEGIN at STA 0+25 Northside of Brick Cross-walk 60deg Angled Parking w/ 20' Stalls (8 Each) STA 2+50 Centerline Zinser Place (Incl Radius LT) STA 5+55 Centerline Jefferson Street (Incl Radius LT&RT) STA 7+20 Centerline Calvary Way (Incl Radius RT) RR Crossing Markings - NB Lane STA 8+75 RR Skewed Crossing RR Crossing Markings - SB Lane STA 9+11 Centerline 911 Drive (NO Radius) END STA 11+45 at Southside of Bridge
	25	250	225	0.04	90	450	160						12.0		
	250	555	305	0.06	122	610							24.0		
	555	720	165	0.03	66	330						44	12.0	7.2	
	720	870	150	0.03	60	300							36.0		
Calvary Way RR Crossing	870	911	41	0.01	16	82						44	36.0	7.2	STA 8+75 RR Skewed Crossing RR Crossing Markings - SB Lane STA 9+11 Centerline 911 Drive (NO Radius) END STA 11+45 at Southside of Bridge
	911	1145	234	0.04	94	468							12.0		
TOTALS			2,010.0	0.4	1,312.0 (x1 App)	4,430.0	2,350.0	172.5	756.0	93.1	205.0	88.0	192.0	49.6	



DESIGNED ----
 DRAWN EEA
 CHECKED ----
 DATE 7/15/18



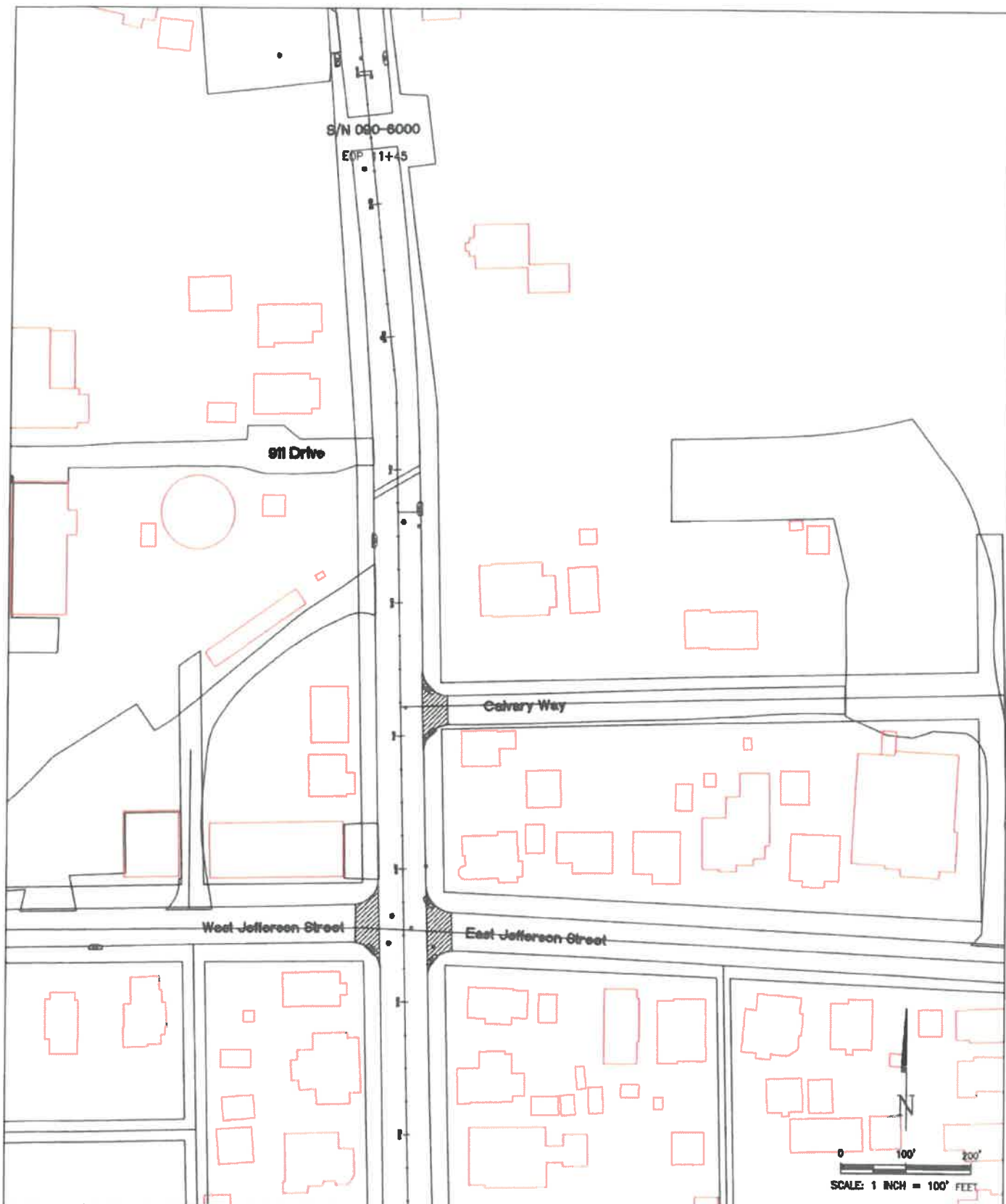
NORTH MAIN STREET - HMA

City of Washington

COUNTY: TAZEWELL

SECTION: 17-00000-01-RS

ROUTE: VARIOUS



NORTH MAIN STREET - HMA

City of Washington

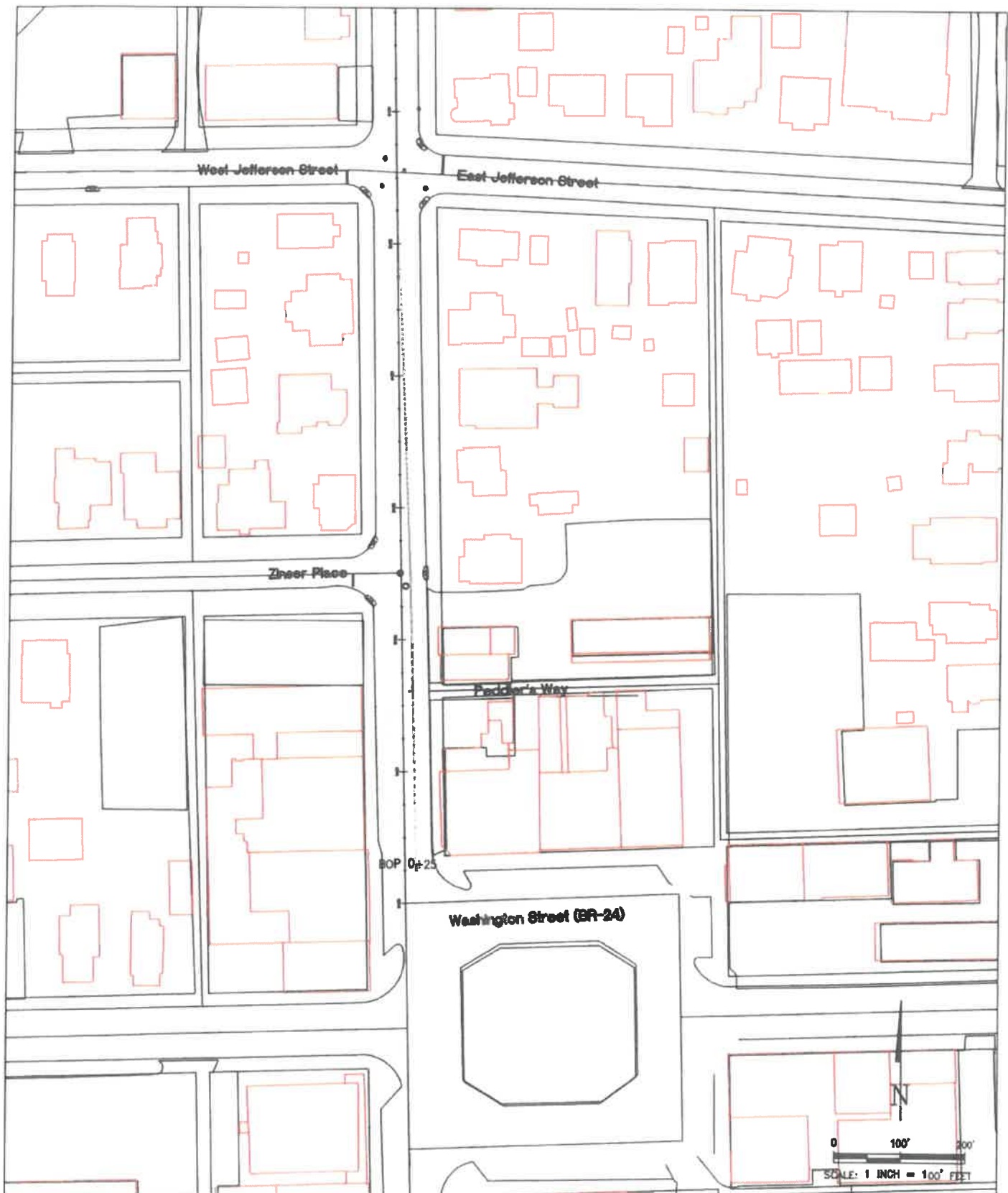
COUNTY: TAZEWELL

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ROUTE: VARIOUS

DESIGNED ---
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 DATE 7/15/16





NORTH MAIN STREET - PAVT MKK

City of Washington

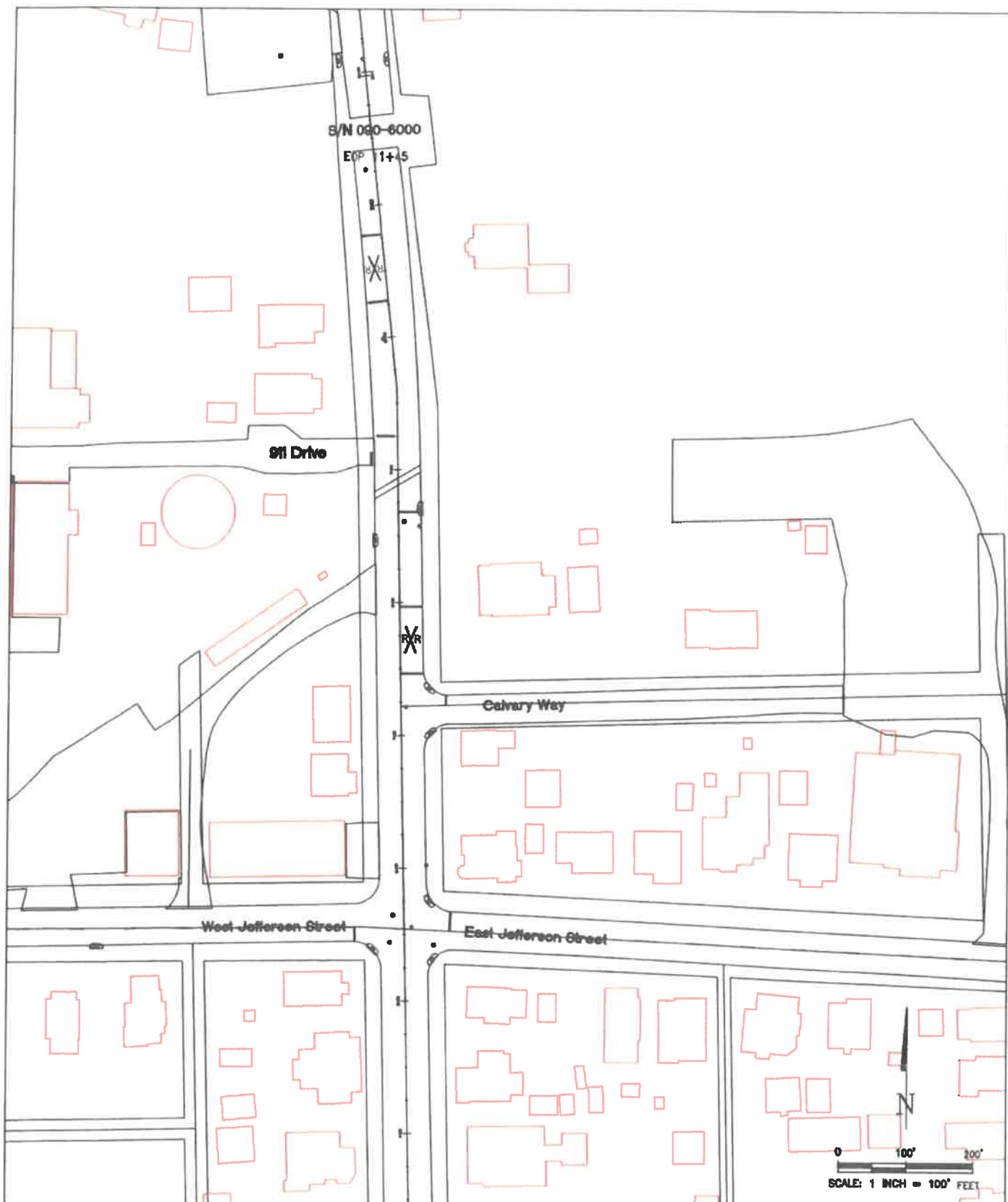
COUNTY: TAZEVELL

SECTION: 17-00000-01-RS

ROUTE: VARIOUS

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 DATE 7/15/18



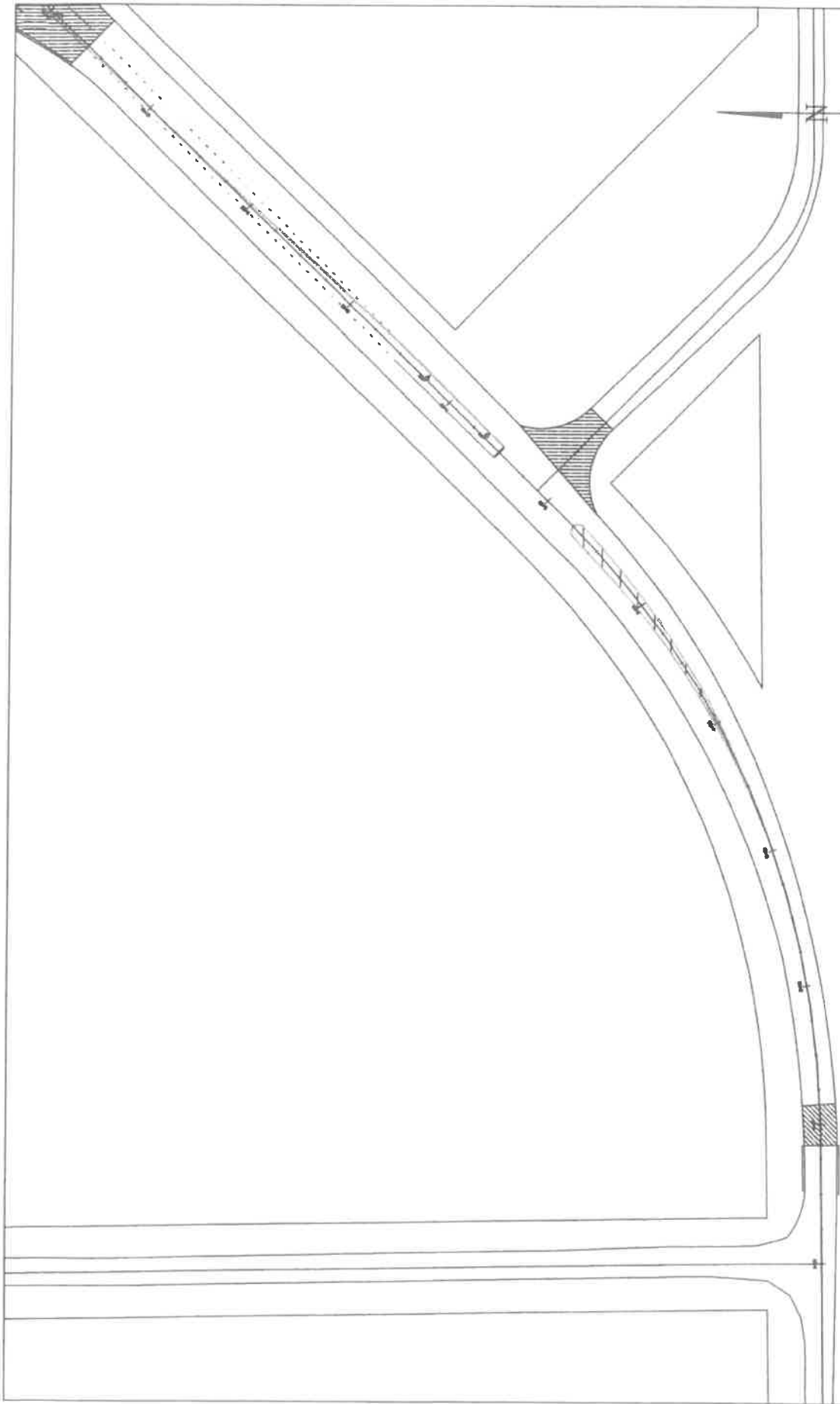


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 DATE 7/15/16



NORTH MAIN STREET - PVT MKK

City of Washington
 COUNTY: TAZEWELL
 SECTION: 17-00000-01-RS
 ROUTE: VARIOUS



0 100' 200'
SCALE: 1 INCH = 100' FEET

OVERVIEW - CENTENNIAL RD

City of Washington

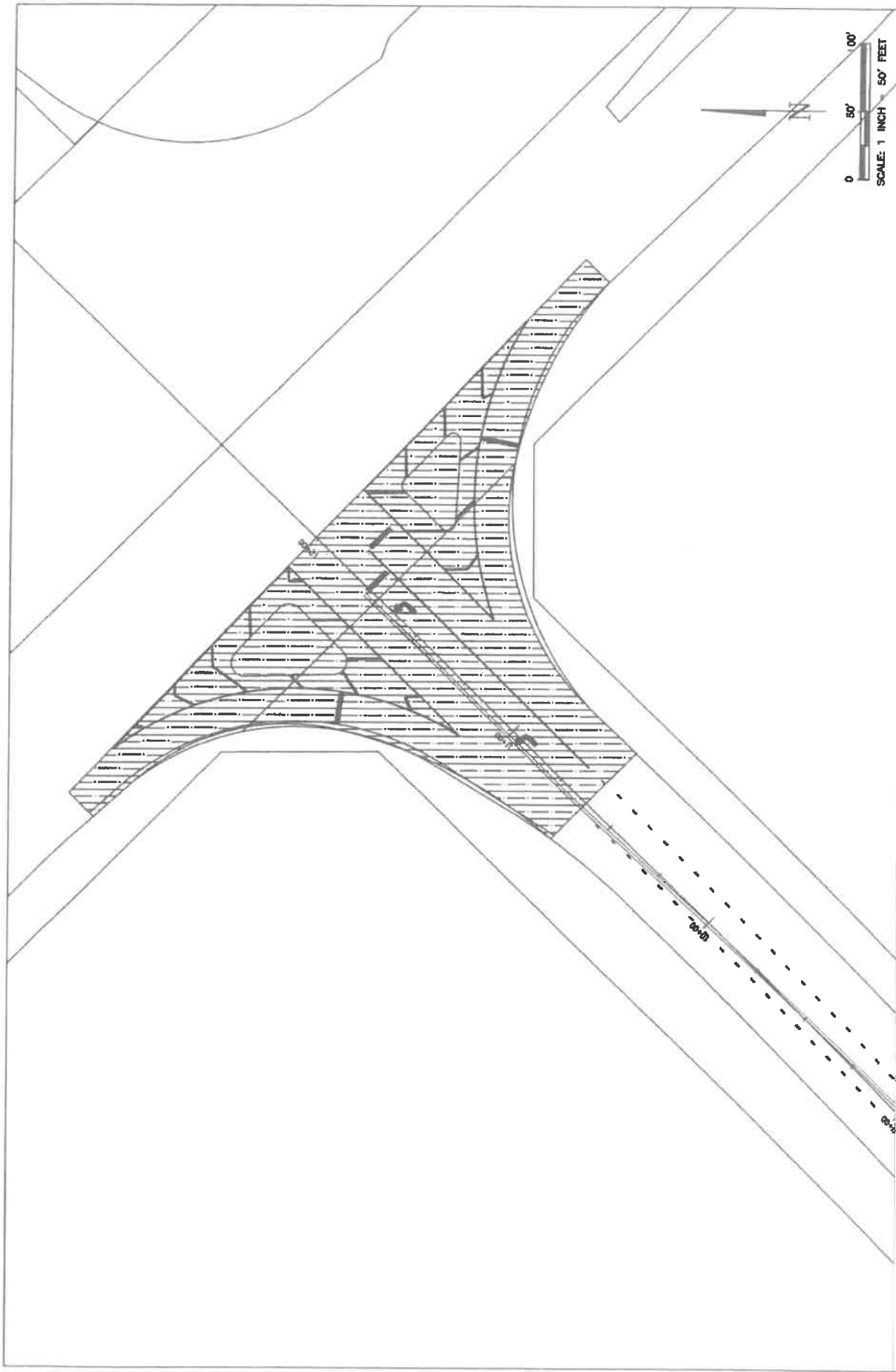
COUNTY: TAZEWELL

SECTION: 17-00000-01-RS

ROUTE: VARIOUS



DESIGNED	---
DRAWN	EEA
CHECKED	---
DATE	7/15/18



OVERVIEW - CENTENNIAL RD

City of Washington

COUNTY: TAZEWELL

SECTION: 17-00000-01-RS

ROUTE: VARIOUS



DESIGNED	____
DRAWN	EEA
CHECKED	____
DATE	7/15/18

Addendum #1
to
Local Public Agency Formal Contract Proposal
County: Tazewell
Local Public Agency: City of Washington
for the Improvement of:
Street Name or Route: Various Streets
Section No: 17-00000-00-RS
Date: 3-15-17

Clarifications:

- 1) Clarification: Bituminous Materials Prime Coat is calculated at a nominal application of 0.075 Gallons per Square Yard quantity with no adjustments for residual. The bidder shall make this allocation.

Revisions:

- 2) Update Schedule of Prices to include the following Pay Item:

15)	Traffic Control & Protection	Lump Sum
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Alternate Add:

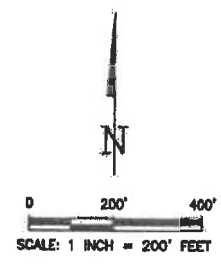
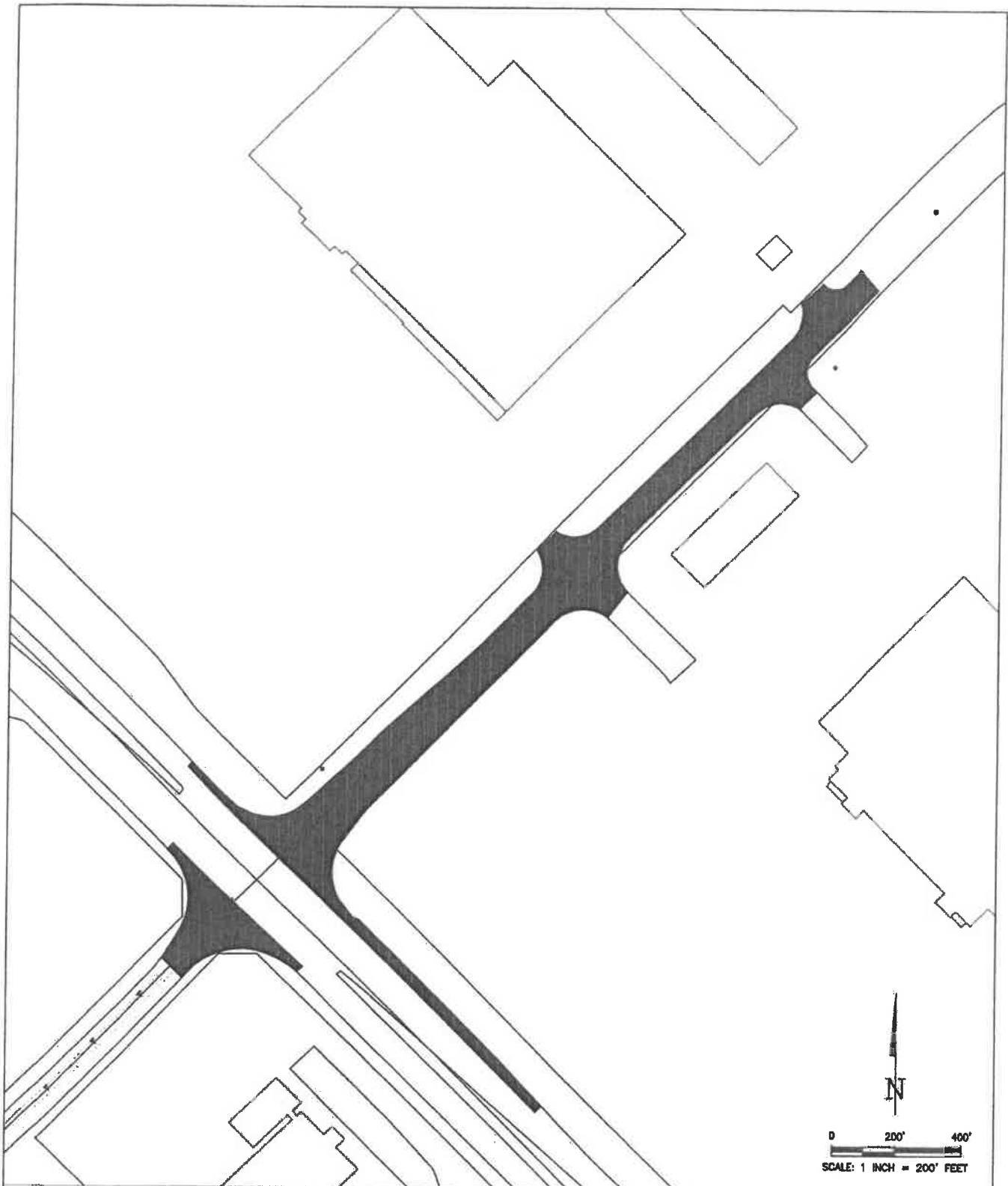
The City of Washington requests the following "Alternate Add" for milling and resurfacing of Freedom Parkway from the edge of the Northbound driving lane to the end of pavement at its current western most pavement limits, a distance of approximate 1650LF. The roadway will receive full width milling of a nominal 1.5" thick to facilitate a Hot Mix Asphalt overlay of 1.5". Quantities include radius returns at all sideroads:

A line item for additional TC&P shall be added as Pay Item #16

16)	Additional Traffic Control & Protection	1 EACH
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Other bid Items will be extended at the base bid costs, major additional quantities are estimated at:

Bituminous Surface Removal (VAR)	10,064 SY
Bituminous Materials Prime Coat	754 Gallons
HMA – Surface Course	845 T



FREEDOM PARKWAY - ALT ADD

City of Washington

COUNTY: TAZEWELL

SECTION: 17-00000-01-RS

ROUTE: VARIOUS

DESIGNED ---
DRAWN EEA
CHECKED ---
DATE 7/15/16

