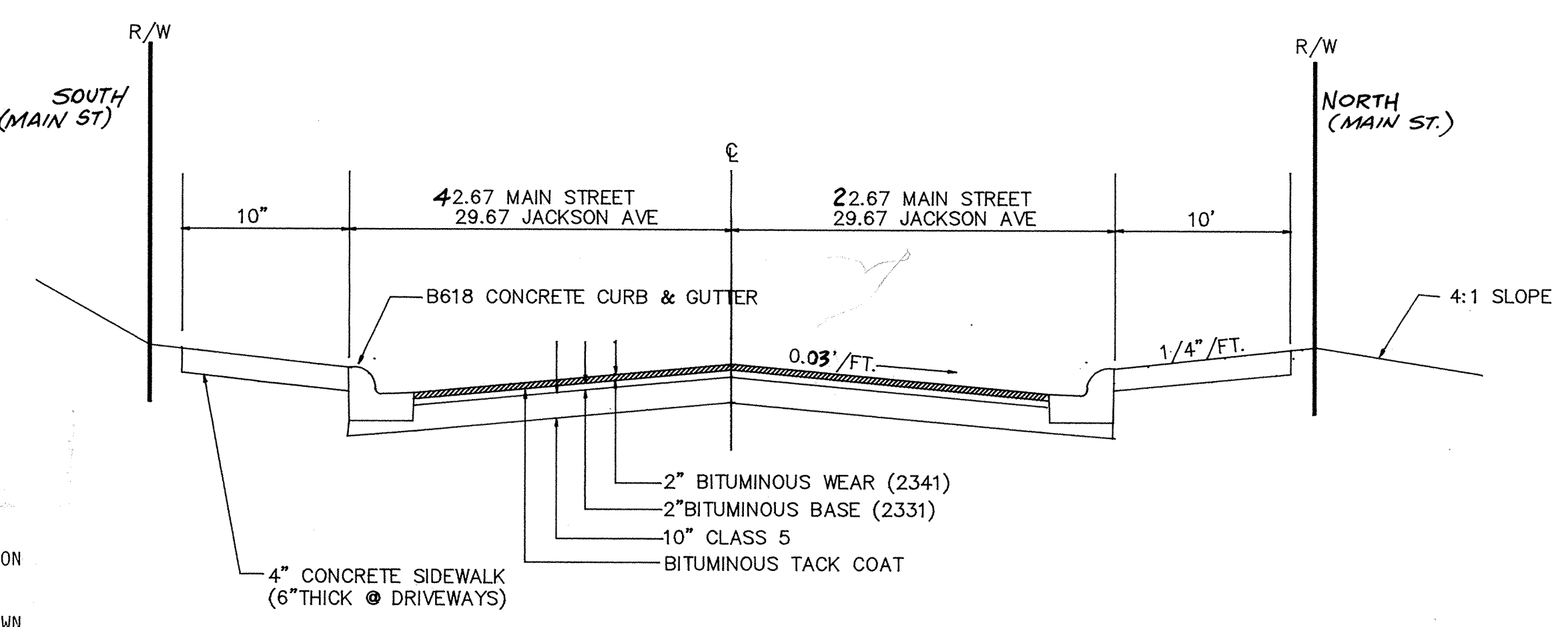
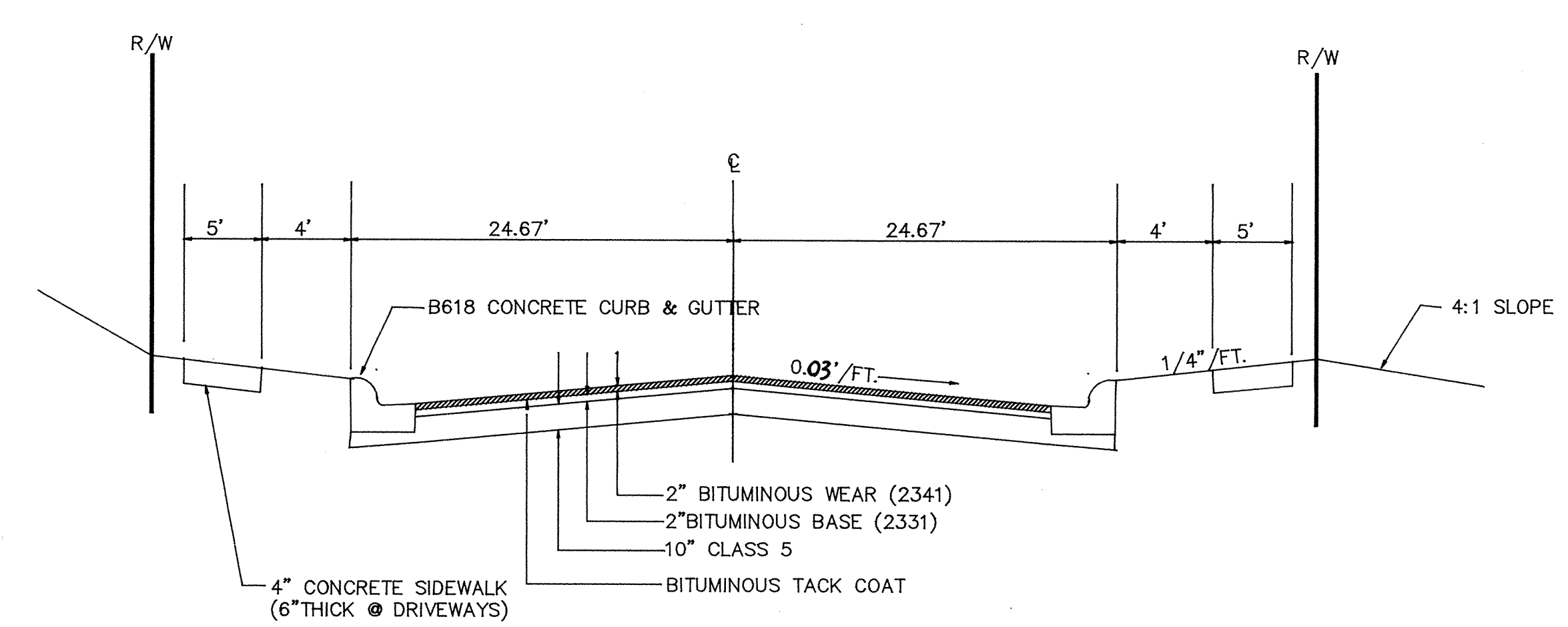
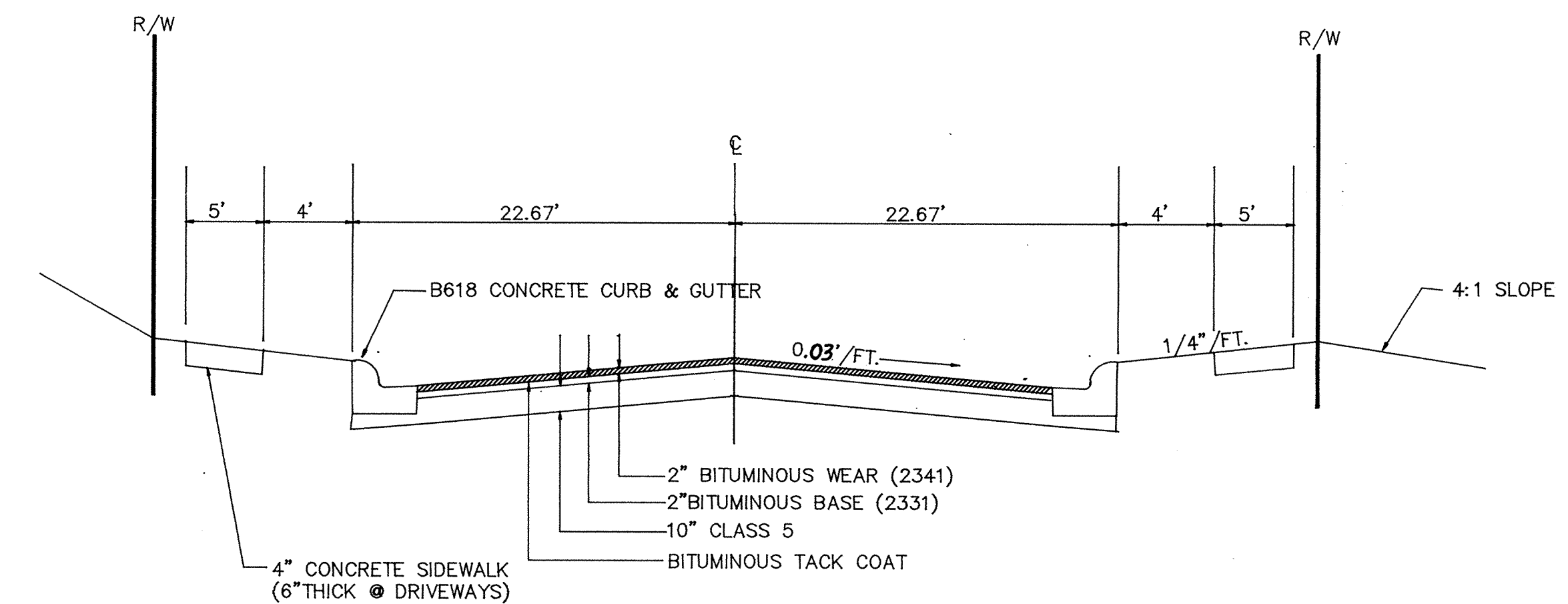


STATEMENT OF ESTIMATED QUANTITIES						
SPEC. REF.	SCHEDULE 1.0 SANITARY SEWER ITEM	UNIT	QUANTITIES			
			PROCTOR AVE 204-101-01	JACKSON AVE 204-104-02	MAIN ST 204-113-04	OTHER
SPEC	1 2" PVC 8'-0" DEEP	LF				73
SPEC	2 2" PVC 8'-10" DEEP	LF				51
SPEC	3 2" PVC 10'-2" DEEP	LF				74
SPEC	4 2" PVC 12'-4" DEEP	LF				10
SPEC	5 2" PVC 14'-6" DEEP	LF				10
SPEC	6 18" PVC 8'-10" DEEP	LF				15
SPEC	7 18" PVC 10'-2" DEEP	LF				154
SPEC	8 18" PVC 12'-4" DEEP	LF				703
SPEC	9 18" PVC 14'-6" DEEP	LF				139
SPEC	10 18" PVC 16'-8" DEEP	LF				376
SPEC	11 18" PVC 18'-2" DEEP	LF				511
SPEC	12 18" PVC 20'-2" DEEP	LF				108
SPEC	13 18" PVC 22'-4" DEEP	LF				1036
SPEC	14 18" PVC 24'-6" DEEP	LF				782
SPEC	15 4" FORCEMAIN	EA				1435
SPEC	16 STD. MANHOLES	EA				16
SPEC	17 MANHOLE EXTRA DEPTH (OVER 8')	EA				151
SPEC	18 REMOVE EX. MANHOLE	EA				12
SPEC	19 CONNECT EXIST. 8" SEWER	EA				2
SPEC	20 CONNECT EXISTING MH	EA				1
SPEC	21 CONN. FH TO LIFT STATION	EA				1
SPEC DEL	22 LIFT STATION CONSTRUCTION FROM PROJECT	EA				35
SPEC	23 18" x 4" SERVICE WYE	EA				8
SPEC	24 18" x 8" SERVICE WYE	EA				1400
SPEC	25 4" SERVICE PIPE	LF				250
SPEC	26 4" SERVICE PIPE	EA				35
SPEC	27 RECONNECT EXIST. SERVICES	EA				30
SPEC	28 CONSTRUCT INSIDE DROD	LF				30
SPEC	29 FORCEMAIN CON. TO MH 16	EA				1
SPEC	30 GRANULAR FOUNDATION	EA				500
SPEC	SCHEDULE 2.0 WATERMAIN	EA				
SPEC	1 4" DIP	LF				350
SPEC	2 12" DIP	LF				520
SPEC	3 16" DIP	EA				570
SPEC	4 HYDRANT W/ VALVE	EA				6
SPEC	5 4" VALVE	EA				6
SPEC	6 CUT IN 4" VALVE	EA				1
SPEC	7 REMOVE & REPLACE 6" VALVE	EA				2
SPEC	8 CUT IN 8" VALVE	EA				1
SPEC	9 CUT IN 14" x 14" x 16" TEE	EA				1
SPEC	10 CUT IN 4" x 4" x 6" TEE	EA				12
SPEC	11 FITTINGS	EA				2000
SPEC	12 CONN. TO EXISTING WATERMAIN	EA				10
SPEC	13 2" SERVICE CONNECTION	EA				10
SPEC	14 1" SERVICE CONNECTION	EA				25
SPEC	15 2" SERVICE PIPE	LF				350
SPEC	16 1" SERVICE PIPE	EA				875
SPEC	17 CONN. TO EXISTING SERVICE	EA				35
SCHEDULE 3.0 PROCTOR AVENUE STORM SEWER						
2503.511	1 12" RCP	LF	1024			
2506.508	2 MANHOLES	EA	5			
2506.509	3 CATCH BASIN	EA	5			
SCHEDULE 4.0 JACKSON AVENUE STORM SEWER						
2503.511	1 24" RCP	LF		195		
SPEC	2 CONNECT TO EXIST. STORM SEWER	EA		1		
SCHEDULE 5.0 MAIN STREET STORM SEWER						
2503.511	1 12" RCP	LF			1129	
2503.511	2 15" RCP	LF			1822	
2503.511	3 24" RCP	LF			135	
2506.508	4 MANHOLES	EA			25	
2506.509	5 CATCH BASIN	EA			9	
SPEC	6 CONNECT TO EXIST. STORM SEWER	EA			4	

STATEMENT OF ESTIMATED QUANTITIES						
SPEC. REF.	ITEM	UNIT	QUANTITIES			
			PROCTOR AVE 204-101-01	JACKSON AVE 204-104-02	MAIN ST 204-113-04	OTHER
SCHEDULE 6.0 PROCTOR AVENUE STREET CONSTRUCTION						
2104.505	1 REMOVE EXIST. CONC. PAVEMENT	SY	5900			
SPEC	2 REMOVE EXISTING SIDEWALK	SF	10350			
SPEC	3 REMOVE EXIST. CONC. C & G	LF	2400			
2105.501	4 COMMON EXCAVATION (EV)	CY	2000			
SPEC	5 FINE GRADING	RS.S	12			
2531.501	6 CONCRETE C & G (B&I)	EA	2400			
2211.501	7 CLASS 5 AGGREGATE	TN	3600			
2331.514	8 BITUM. SURFACING 2331	TN	750			
2341.508	9 BITUM. SURFACING 2341	TN	750			
2331.504	10 BIT. MATL. FOR MIX 2331	TN	37.5			
2331.504	11 BIT. MATL. FOR MIX 2341	TN	45			
2357.502	12 BIT. TACK COAT	GAZ	300			
SPEC	13 CONC. DRIVEWAY APRON	SY	625			
SPEC	14 CONC. DRIVEWAY RESTORATION	SY	300			
SPEC	15 BIT. DRIVEWAY RESTORATION	SY	50			
SPEC	16 ADJUST EXISTING MANHOLES	EA	4			
SPEC	17 ADJUST EXISTING VALVE	EA	1			
2521.501	18 4" CONCRETE SIDEWALK	SF	12600			
SPEC	19 CONC. PEDESTRIAN RAMPS	EA	3			
2575.505	20 SEEDING	SY	1500			
SPEC	21 STRIPING	LS	1			
SPEC	22 SIGNING	LS	1			
SCHEDULE 7.0 JACKSON AVENUE STREET CONSTRUCTION						
2104.505	1 REMOVE EXIST. CONC. PAVEMENT	SY		1600		
SPEC	2 REMOVE EXISTING SIDEWALK	SF		2600		
SPEC	3 REMOVE EXIST. CONC. C & G	LF		420		
SPEC	4 FINE GRADING	RS.S		2.5		
2531.501	5 CONCRETE C & G (B&I)	EA		420		
2211.501	6 CLASS 5 AGGREGATE	TN		1000		
2331.514	7 BITUM. SURFACING 2331	TN		180		
2341.508	8 BITUM. SURFACING 2341	TN		180		
2331.504	9 BIT. MATL. FOR MIX 2331	TN		9		
2331.504	10 BIT. MATL. FOR MIX 2341	TN		41		
2357.502	11 BIT. TACK COAT	GAZ		80		
SPEC	12 CONC. DRIVEWAY APRON	SY		45		
SPEC	13 ADJUST EXISTING MANHOLES	EA		2		
SPEC	14 ADJUST EXISTING VALVE	EA		1		
2521.501	15 4" CONCRETE SIDEWALK	SF		2600		
SPEC	16 CONC. PEDESTRIAN RAMPS	EA		2		
2575.505	17 SEEDING	SY		300		
SPEC	18 STRIPING	LS		1		
SPEC	19 SIGNING	LS		1		
SCHEDULE 8.0 MAIN STREET STREET CONSTRUCTION						
2104.505	1 REMOVE EXISTING BIT. MATL.	SY			31300	
2104.505	2 REMOVE EXIST. CONC. PAVEMENT	SY			9000	
SPEC	3 REMOVE EXISTING SIDEWALK	SF			50000	
SPEC	4 REMOVE EXISTING CONC. C & G	LF			11500	
2101.502	5 CLEARING AND BRUSHING	TREE			4	
2105.501	6 COMMON EXCAVATION (EV)	CY			10500	
SPEC	7 FINE GRADING	RS.S			55.5	
2531.501	8 CONCRETE C & G (B&I)	EA			11500	
2211.501	9 CLASS 5 AGGREGATE	TN			20000	
2331.514	10 BITUM. SURFACING 2331	TN			4200	
2341.508	11 BITUM. SURFACING 2341	TN			4200	
2341.504	12 BIT. MATL. FOR MIX 2331	TN			207	
2341.504	13 BIT. MATL. FOR MIX 2341	TN			250	
2357.502	14 BIT. TACK COAT	GAZ			1775	
SPEC	15 CONC. DRIVEWAY APRON	SY			2630	
SPEC	16 CONC. DRIVEWAY RESTORATION	SY			90	
SPEC	17 BIT. DRIVEWAY RESTORATION	SY			20	
SPEC	18 ADJUST EXISTING MANHOLES	EA			20	
SPEC	19 ADJUST EXISTING VALVE	EA			20	
2521.501	20 4" CONCRETE SIDEWALK	SF			88450	
SPEC	21 CONC. PEDESTRIAN RAMPS	EA			27	
2575.505	22 SEEDING	SY			22000	
2575.501	23 SEEDING	SY			500	
SPEC	24 STRIPING	LS			1	
SPEC	25 SIGNING	LS			1	
SPEC	26 TREES	EA			8	
SPEC	27 CONCRETE CROSS BUTTER	SF			150	
SPEC	28 TRIANG. VALLEY BUTTER SECTION	EA			4	
SPEC	29 CONCRETE ISLAND	EA			1	



PAVEMENT MARKINGS	NO. & COLOR	LINE WIDTH
① LANE LINE	SKIP WHITE (10' STRIP W/40' GAP)	4"
② PARKING LINE	SOLID WHITE 25' LONG	4"
③ PARKING LINE	SOLID WHITE 10' LONG	4"
④ STOP BAR	SOLID WHITE - LANE WIDTH	18"
⑤ HATCHING	SOLID WHITE	4"

- NOTES:
 1 INSTALL PEDESTRIAN CURB RAMPS AT ALL INTERSECTIONS
 2 STRAIGHT LINE CUT, TACK & MATCH EXISTING BITUMINOUS

- NOTES:
 1) MAIN STREET LUMP SUM STRIPING BID SHALL INCLUDE 13 CROSSWALKS AS SHOWN IN DETAIL. LOCATION TO BE DETERMINED IN THE FIELD. THIS IS IN ADDITION TO STRIPING SHOWN ON OTHER PLAN SHEETS.
 2) PROCTOR AVENUE LUMP SUM STRIPING BID SHALL INCLUDE 8 CROSSWALKS AS SHOWN IN DETAIL; LOCATION TO BE DETERMINED IN THE FIELD. THIS IS IN ADDITION TO STRIPING SHOWN ON OTHER PLAN SHEETS.
 3) JACKSON AVENUE LUMP SUM STRIPING BID SHALL INCLUDE 1 CROSSWALK AS SHOWN IN DETAIL; LOCATION TO BE DETERMINED IN THE FIELD. THIS IS IN ADDITION TO STRIPING SHOWN ON OTHER PLAN SHEETS.
 4) MAIN STREET LUMP SUM SIGNING BID SHALL INCLUDE THE FOLLOWING SIGNS IN ADDITION TO OTHERS SHOWN ON THE PLAN SHEETS; LOCATION TO BE DETERMINED IN THE FIELD.
 SEE SHEET 28 FOR ADDITIONAL SIGNING AND STRIPING NOTES AND DETAILS

 CONSULTING ENGINEERS 1959 SLOAN PLACE (612) 774-6021 ST. PAUL, MINNESOTA 55117	DATE 3/3/88 DESCRIPTION Street Crown DESIGNED _____ CHECKED _____ DRAWN ARJ GRAPHIC SCALE 0 HORIZ. None 0 VERT. _____	CITY OF ELK RIVER ESTIMATED QUANTITIES AND SECTIONS SAP 204-113-04, 204-101-01 & 204-104-02 DATE JAN 1988 SHEET 2 OF 42 SHEETS PROJECT NO. 230-014
	REVISIONS 1 2	RECORD PLAN DEC 1988