

**CATCH BASIN ADJUSTED TO GRADE**

AN ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR ADJUSTING CATCH BASINS TO GRADE.

EXISTING CASTINGS MAY PROVE TO BE UNSUITABLE FOR REUSE, AS DETERMINED BY THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CASTINGS OF REQUIRED TYPE, SIZE AND STRENGTH. ENSURE ALL MATERIAL MEETS CMS ITEM 611 AND HAS PRIOR APPROVAL OF THE ENGINEER.

SR 297 (SLM 0.66-1.39):  
 ITEM 611 – CATCH BASIN ADJUSTED TO GRADE, 11 EACH

SR 627 (SLM 0.37-3.35):  
 ITEM 611 – CATCH BASIN ADJUSTED TO GRADE, 5 EACH

TO BE USED FOR CATCH BASIN ADJUSTMENTS ONLY:  
 ITEM SPECIAL – MISCELLANEOUS METAL, 800 LB

**CATCH BASIN RECONSTRUCTED TO GRADE**

AN ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY FOR RECONSTRUCTING CATCH BASINS TO GRADE.

EXISTING CASTINGS MAY PROVE TO BE UNSUITABLE FOR REUSE, AS DETERMINED BY THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CASTINGS OF REQUIRED TYPE, SIZE AND STRENGTH. ENSURE ALL MATERIAL MEETS CMS ITEM 611 AND HAS PRIOR APPROVAL OF THE ENGINEER.

SR 297 (SLM 0.66-1.39):  
 ITEM 611 – CATCH BASIN RECONSTRUCTED TO GRADE, 2 EACH

SR 627 (SLM 0.37-3.35):  
 ITEM 611 – CATCH BASIN RECONSTRUCTED TO GRADE, 2 EACH

TO BE USED FOR CATCH BASIN RECONSTRUCTIONS ONLY:  
 ITEM SPECIAL – MISCELLANEOUS METAL, 200 LB

**ITEM 611 – MANHOLE ADJUSTED TO GRADE, AS PER PLAN  
 ITEM 623 – MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN  
 ITEM 638 – VALVE BOX ADJUSTED TO GRADE, AS PER PLAN**

IN ADDITION TO THE REQUIREMENTS OF CMS 611.10.D FOR MANHOLES, 623.05 FOR MONUMENT BOXES, OR 638.18 FOR VALVE BOXES, THE CONTRACTOR WILL MAKE A CLEAN CIRCULAR CUT AROUND THE CASTING (48" DIAMETER FOR STORM AND SANITARY MANHOLE CASTINGS, 24"-28" FOR VALVE AND MONUMENT BOXES, AND 2' IN DIAMETER LARGER THAN THE CASTING DIAMETER FOR ANY CASTINGS THAT ARE LARGER THAN STANDARD MANHOLES SUCH AS TELECOMMUNICATION MANHOLE CASTINGS) AND REMOVE AND DISCARD THE EXISTING CASTING. INSTALL A NEW CASTING TO GRADE (ACCORDING TO TOLERANCES AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1) AFTER THE PAVEMENT SURFACE COURSE HAS BEEN REPLACED.

CMS 499 CLASS QCMS CONCRETE (DYE THE CONCRETE SUCH THAT ITS COLOR CLOSELY MATCHES THE COLOR OF THE SURROUNDING PAVEMENT) WILL BE USED FOR BACKFILLING THE FULL PAVEMENT SECTION AND THE JOINT BETWEEN THE ASPHALT AND CONCRETE WILL BE SEALED WITH CMS 702.01 PG BINDER. EPOXY COATED REBAR SHALL BE PLACED IN THE CONCRETE AT 6" MAXIMUM ON CENTER AND A MINIMUM OF 3.5" CLEARANCE FROM THE TOP, BOTTOM AND SIDES. THE CONCRETE WILL BE VIBRATED SUFFICIENTLY TO ELIMINATE AIR POCKETS UNDER THE FRAME.

PAYMENT WILL INCLUDE REMOVAL OF THE EXISTING MATERIAL, INSTALLATION AND FURNISHING OF A NEW CASTING, AND ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THIS ITEM OF WORK AS DESCRIBED.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

SR 297 (SLM 0.66-1.39):  
 ITEM 611, MANHOLE ADJUSTED TO GRADE, AS PER PLAN 5 EACH  
 ITEM 623, MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN 2 EACH  
 ITEM 638, VALVE BOX ADJUSTED TO GRADE, AS PER PLAN 2 EACH

SR 627 (SLM 0.37-3.35):  
 ITEM 611, MANHOLE ADJUSTED TO GRADE, AS PER PLAN 2 EACH  
 ITEM 623, MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN 15 EACH

**ITEM 611 - MANHOLE RECONSTRUCTED TO GRADE**

THE FOLLOWING QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY AND IS TO BE USED AS DIRECTED BY THE ENGINEER TO RECONSTRUCT MANHOLES TO GRADE.

THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

SR 297 (SLM 0.66-1.39):  
 ITEM 611, MANHOLE RECONSTRUCTED TO GRADE, 2 EACH

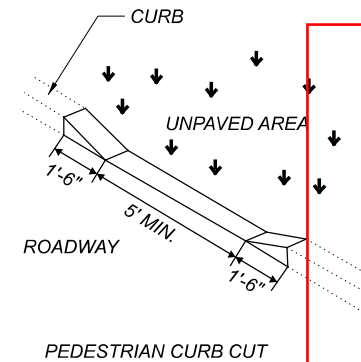
SR 627 (SLM 0.37-3.35):  
 ITEM 611, MANHOLE RECONSTRUCTED TO GRADE, 2 EACH

**PEDESTRIAN CURB CUTS**

THE CONTRACTOR WILL PROVIDE CURB CUTS, AS DETAILED BELOW WHERE CURB CURRENTLY EXISTS AT THE NE AND SE CORNERS OF THE SR-297/SOUTHWAY ST SW INTERSECTION. THE FOLLOWING ITEMS WILL BE USED TO REMOVE THE EXISTING CURB AND INSTALL NEW PEDESTRIAN CURB CUTS (ALL ITEMS MAY NOT BE USED AT ALL LOCATIONS):

ITEM 202, CURB REMOVED	155 FT
ITEM 203, EXCAVATION	2 CY
ITEM 203, EMBANKMENT	2 CY
ITEM 609, CURB, TYPE 6	155 FT
ITEM 659, SEEDING AND MULCHING	9 SY

REFER TO THE CURB RAMP SUB-SUMMARY FOR LOCATIONS AND QUANTITIES.



Added curb cut note and quantities




SHEET NUM.												PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
3	4	5	6	7	10	11	12	13	14			01/S>2/PV	EXT	TOTAL				
<b>ROADWAY</b>																		
						1	8					9	202	23500	9	SY	WEARING COURSE REMOVED	
												40	202	30000	40	SF	WALK REMOVED	
	155											155	202	32000	155	FT	CURB REMOVED	
	2											2	203	10000	2	CY	EXCAVATION	
	2											2	203	20000	2	CY	EMBANKMENT	
228												228	209	60200	228	STA	LINEAR GRADING	
							20					20	608	10000	20	SF	4" CONCRETE WALK	
							20					20	608	52000	20	SF	CURB RAMP	
	17											17	623	39501	17	EACH	MONUMENT BOX ADJUSTED TO GRADE, AS PER PLAN	
<b>EROSION CONTROL</b>																		
12,669	9											12,678	659	10000	12,678	SY	SEEDING AND MULCHING	
1.7												1.7	659	20000	1.7	TON	COMMERCIAL FERTILIZER	
2.61												2.61	659	31000	2.61	ACRE	LIME	
68.4												68.4	659	35000	68.4	MGAL	WATER	
												3,000	832	30000	3,000	EACH	EROSION CONTROL	
<b>DRAINAGE</b>																		
	16											16	611	98630	16	EACH	CATCH BASIN ADJUSTED TO GRADE	
	4											4	611	98634	4	EACH	CATCH BASIN RECONSTRUCTED TO GRADE	
	7											7	611	99655	7	EACH	MANHOLE ADJUSTED TO GRADE, AS PER PLAN	
	4											4	611	99660	4	EACH	MANHOLE RECONSTRUCTED TO GRADE	
	1,000											1,000	SPECIAL	61199820	1,000	LB	MISCELLANEOUS METAL	
<b>PAVEMENT</b>																		
800												800	251	01000	800	SY	PARTIAL DEPTH PAVEMENT REPAIR (441)	
						1,673	3,957					5,630	407	20000	5,630	GAL	NON-TRACKING TACK COAT AT 0.08 GAL/SY	
						685	2,798					3,483	408	10001	3,483	GAL	PRIME COAT, AS PER PLAN AT 0.40 GAL/SY	
						581	1,378					1,959	424	14001	1,959	CY	FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448), AS PER PLAN (T=1")	
	155											160	609	26000	160	FT	CURB, TYPE 6	
												282	617	10101	282	CY	COMPACTED AGGREGATE, AS PER PLAN (T=2")	
												70,371	897	01010	70,371	SY	PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A (T=1")	
<b>WATER WORK</b>																		
	2											2	638	10801	2	EACH	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN	
<b>TRAFFIC CONTROL</b>																		
												623	621	00100	623	EACH	RPM	
												505	621	54000	505	EACH	RAISED PAVEMENT MARKER REMOVED	
							1					1	630	85100	1	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
												4.62	646	10010	4.62	MILE	EDGE LINE, 6"	
												0.59	646	10110	0.59	MILE	LANE LINE, 6"	
												3.71	646	10200	3.71	MILE	CENTER LINE	
												380	646	10300	380	FT	CHANNELIZING LINE, 8"	
												1,225	646	10310	1,225	FT	CHANNELIZING LINE, 12"	
												292	646	10400	292	FT	STOP LINE	
												60	646	10520	60	FT	CROSSWALK LINE, 24"	
												280	646	10600	280	FT	TRANSVERSE/DIAGONAL LINE	
												266.5	646	10800	266.5	SF	ISLAND MARKING	
												5	646	20000	5	EACH	RAILROAD SYMBOL MARKING	
												35	646	20300	35	EACH	LANE ARROW	
<b>TRAFFIC SIGNALS</b>																		
						6						6	809	69001	6	EACH	ADVANCE RADAR DETECTION, AS PER PLAN	
						9						9	809	69101	9	EACH	STOP LINE RADAR DETECTION, AS PER PLAN	

Quantities from curb cut

Quantity from curb cut

Quantity from curb cut

GENERAL SUMMARY

DESIGN AGENCY  
  
 DESIGNER  
 AJN  
 REVIEWER  
 MJA 12-10-21  
 PROJECT ID  
 110674  
 SHEET TOTAL  
 P.8 14