



## Technical Memo

**To:** Max DeJarnatt, City of Olympia  
**From:** Whitney Holm, SCJ Alliance  
Sam Dunn, SCJ Alliance  
**Date:** February 4th, 2022  
**Project:** City of Olympia Parking Lot Accessibility Assessment  
**Subject:** Accessibility Report

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### Purpose:

The purpose of this report is to provide recommendations to the City of Olympia on how to improve the accessibility of city-owned parking lots so that they will be aligned with the City's ADA transition plan and meet current ADA standards. The intent of ADA compliance is to assist in the safe travel of pedestrians, both able and physically impaired or disabled, while using city facilities. These recommendations are according to the Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG) (July 26<sup>th</sup>, 2011) and the ADA Standards for Accessible Design (2010) as stated in the City's Engineering Design and Development Standards (EDDS).

## 1 Guidelines

### PROWAG:

- ◆ R202.2 Alterations & Elements Added to Existing Facilities
  - ◆ Alterations and elements added to existing facilities shall comply with new construction requirements.
- ◆ R211.4 – Accessible Parking Space Signs
  - ◆ ADA stalls and access aisles shall be identified by signs displaying the International Symbol of Accessibility.
- ◆ R302.5 – Grade
  - ◆ Grade maximum: 5%.
- ◆ R302.6 – Cross Slope
  - ◆ Cross slope maximum: 2%.

- ◆ R302.7 – Surfaces
  - ◆ Surfaces should be firm, stable, slip resistant.
  - ◆ Vertical surface discontinuities: 0.5” maximum.

#### **ADA Standards:**

- ◆ Section 208 – Parking Spaces
  - ◆ Table 208.2:
    - 1-25 parking spaces = minimum 1 ADA stall.
    - 26-50 parking spaces = minimum 2 ADA stalls.
    - 51-75 parking spaces = minimum 3 ADA stalls.
    - 76-100 parking spaces = minimum 4 ADA stalls.
  - ◆ 208.2.4 – Every six or fraction of six ADA stalls requires at least one van ADA parking space.
  - ◆ 208.3.1 – Parking spaces serving a building should be located on the shortest accessible route from the lot to the building. Parking facilities that do not serve a specific building or facility should be located on the shortest accessible route to an accessible pedestrian entrance of the parking lot.
- ◆ Section 502 – Parking Spaces
  - ◆ 502.2 – Car ADA parking stall min. width: 96”.
  - ◆ 502.2 – Van ADA parking stall min. width: 132”.
  - ◆ 502.3 – Two ADA stalls can share a common access aisle.
  - ◆ 502.3.1 – ADA access aisle min. width: 60”.
  - ◆ 502.3.2 – Access aisles are to extend the full length of the parking space they serve.
  - ◆ 502.3.3 – Access aisles are to be marked to discourage cars from parking in them.
  - ◆ 502.3.4 – Access aisles are permitted on either side of the parking space except in angled parking which should have access aisles on the passenger side of the parking space. For van parking stalls consider putting the access aisle on the passenger side of the van stall.
  - ◆ 502.4 – Floor or ground surfaces should not have slopes steeper than 1:48 (2%) in any direction.
  - ◆ 502.6 – Identification of ADA parking stalls shall include the international symbol of accessibility and meet symbol requirements detailed in section 703.7.2.
  - ◆ 502.6 – Signs identifying van parking spaces shall contain “van accessible” in the designation.
  - ◆ 502.6 – Signs shall be 60” above the finished surface measured to the bottom of the sign.
  - ◆ 502.7 – Parking spaces and access aisles should not obstruct adjacent accessible routes.
- ◆ Section 703
  - ◆ 703.7.2 – International Symbol of Accessibility requirements.

#### **City of Olympia Municipal Code:**

- ◆ Chap. 18.120 Downtown Design Criteria
  - ◆ 18.120.320 Item B.2 – Wheel stops should be utilized to prevent a vehicle’s bumper overhang from infringing on pedestrians walkways, private property lines, or landscaping.

## 2 Parking Lot Assessments

**Table 1 – Parking Lot Assessment Summary**

Parking Lot	Total Existing Spaces	Existing ADA Stalls	Required ADA Stalls	Existing ADA Stalls and Access Aisles Compliancy					
				Van Accessible	Slope	Size	Markings	Surface	Signage
CC	24	0	1	N/A	N/A	N/A	N/A	N/A	N/A
SC	22	1	1	No	✓	X	X	✓	X
GL	25	0	1*	N/A	N/A	N/A	N/A	N/A	N/A
4A	20	1	1	No	X	X	X	X	X
IS1	92	1	4	No	✓	X	X	✓	N/A
IS2	18	2	1	No	✓	X	X	✓	N/A
IS3	56	2	3	No	✓	X	X	✓	✓
AL	22	1	1	No	X	X	X	X	✓
SL	59	3	3	No	X	X	X	X	X
SW	45	1	2	No	✓	X	X	✓	X
PL1	11	1	1	No	✓	X	X	✓	✓
PL2	63	1	3	No	✓	X	X	✓	✓

\* Lot GL's proposed ADA stall will be located in the adjacent 4A lot.

### 2.1. Lot CC

Parking Lot CC is an asphalt lot located at the southeast corner of State Ave NW and Columbia St NW and has 24 perpendicular parking stalls. This lot does not have any designated ADA parking stalls and is missing wheel stops in all of the parking spaces. The paint lines for each parking space are visible and serviceable. Lot CC serves the City Center on the north side of State Ave.

**Recommendations:** Per Table 208.2 of the ADA Standards manual, a lot with <25 parking spaces requires one ADA accessible stall with an adjoining access aisle for passenger loading and unloading to be installed in the lot. Per section 208.2.4, the current ADA stall is required to be van accessible with a minimum width of 132" as detailed in section 502.2. Per section 502.3.1, access aisles require a minimum width of 60". An ideal location for an ADA van stall and access aisle would be in the northwest corner of the lot (see Exhibit EX-01). This would provide the shortest accessible route to the nearby city center. The existing parking spaces in the northwest corner currently meet ADA dimensional, slope and surface requirements. To become ADA compliant the two parking spaces would require repainting to delineate the ADA stall and aisle. This would not affect the adjacent parking spaces since a 132" wide van stall and 60" wide access aisle could fit within the existing footprint of the two 100" parking spaces. Appropriate signage and symbols would need to be installed per sections 502.6 and 703.7.2 of the ADA Standards. Wheel stops should also be added to all parking spaces within the lot to prevent vehicles from encroaching on pedestrian routes or adjacent lots.

## 2.2. Lot SC

Parking Lot SC is an asphalt lot located at the southwest corner of State Ave NW and Capitol Way N. Lot CC has 22 perpendicular stalls including one ADA stall and access aisle. In this lot there are 8 wheel stops all of which are located along the northern edge next to the sidewalk. Lot SC has many faded paint lines scattered throughout the lot making it difficult to determine exactly where the current parking stalls are. The painted ADA symbol and access aisle markings are faded as well. At 54" wide, the access aisle next to the ADA stall does not meet the 60" minimum width requirement per section 502.3.1 of the ADA Standards. The ADA stall is also missing a wheel stop.

Recommendations: To meet ADA requirements the existing 100" wide ADA stall would need to be widened to 132" minimum to accommodate van parking. The access aisle would need to be widened to a minimum of 60" as well. This would affect the adjacent parking spaces next to the ADA stall and require them to be moved over roughly 50". This would place the last parking space at the west end of the row in the opening parking lot entrance. Thus, that last parking space would need to be removed, bringing the lot's total parking spaces to 20. The existing ADA sign should be centered on the newly painted ADA stall. The City should repaint all parking stall lines and symbols in the lot to improve visibility and functionality.

## 2.3. Lot GL

Parking Lot GL is a gravel lot located on Columbia St NW between State Ave NW and 4<sup>th</sup> Ave. There are no parking stall lines but there is room for 25 perpendicular parking spaces. 20 of those spaces have wheel stops, most of which have experienced some degree of movement over time and are not in their original locations. Many of the wheel stops have settled into the ground and are in unknown condition. There is not a designated ADA parking stall in this lot.

Recommendations: Since Lot GL has an uneven gravel surface that is not compliant with ADA requirements, Lot GL's parking spaces will be combined with Lot 4A's for a total number of 40 spaces between the two lots. Per Table 208.2 of the ADA Standards, any lot with <50 parking spaces requires two ADA accessible stalls and section 208.2.4 requires one of those stalls to be van accessible. Both of these ADA stalls will be located in Lot 4A. If Lot GL were to ever be resurfaced with asphalt, then an ADA compliant van stall and access aisle would be required, preferably in the northwest corner closest to the lot entrance and sidewalk. New wheel stops should be purchased for each parking stall.

## 2.4. Lot 4A

Parking Lot 4A is an asphalt lot located on the northeast corner of 4<sup>th</sup> Ave and Columbia St NW. Lot 4A has 20 parking stalls, both angled and perpendicular, including one ADA stall and access aisle. To meet ADA requirements the existing 99" wide ADA stall would need to be 132" wide minimum to accommodate van parking. The existing ADA access aisle has multiple asphalt patches that make the surface rough and uneven, especially near where the aisle meets the neighboring sidewalk. This means the surface is not ADA compliant with the surface requirements detailed in section 302.7 of the PROWAG. In some spots, the

slopes in the aisle are as high as 5% which is outside the 2% maximum required in section 502.4 of the ADA standards. The adjacent ADA stall also has slopes as high as 2.2%

Recommendations: Since Lot 4A and Lot GL have 40 total parking spaces between them, according to Table 208.2 and section 208.2.4 of the ADA standards it is required for a lot with <50 parking spaces to have one regular ADA stall and one ADA van accessible stall as well as an access aisle. There are two proposed options to meet these requirements:

Option 1: The asphalt in the footprint of the existing ADA stall and aisle could be sawcut and repaved to meet the slope and grade requirements in section R302.7 of the PROWAG and section 304.2 of the ADA Standards. This would also require raising a valve cover to grade, which is located in the footprint of the ADA stall. To accommodate the necessary larger ADA footprint, the parking space adjacent to the existing ADA stall would be converted into the second ADA stall. The paint lines in the existing ADA stall and the adjoining parking space would need to be repainted to meet the minimum width requirements of one regular ADA stall and one van accessible ADA stall. The access aisle would be located between the stalls and shared by both. The existing ADA signage would be relocated to the new ADA stall location.

Option 2: The proposed ADA stalls could be relocated to the angled parking spaces in the southwest corner of the lot. Per section 502.3.4 of the ADA Standards, each stall would need its own access aisle. This would mean the first four existing parking spaces would be converted into two ADA stalls and two access aisles. The stall paint lines would need to be repainted to meet the larger ADA width requirements.

Additionally, the City should repaint all parking stall lines and symbols in the lot to improve visibility and functionality. See Exhibit EX-02 for all new ADA stall location recommendations.

## 2.5. Lot IS1

Parking Lot IS1 is one of three asphalt parking lots near Isthmus Park and is bordered by 4<sup>th</sup> Ave and 5<sup>th</sup> Ave SW. Lot IS1 is the largest lot in this report and has 92 perpendicular and angular parking stalls including 1 ADA stall and access aisle. 22 stalls, including the 1 ADA stall and aisle, located around the commercial building on the western edge of the lot have been recently painted. The rest of the lines in the parking lot are faint and need to be repainted.

Recommendations: To meet ADA requirements, Lot IS1 requires installing 3 more ADA stalls including 1 van accessible stall and at least 2 more access aisles. Since the commercial building next to the lot already has an existing ADA stall and aisle, the additional 3 stalls should go on the eastern side next to Isthmus Park. Two ADA stalls and a shared aisle could be located in the middle of the most eastern row closest to the center of the park. The park sidewalk in front of these two stalls would need to be modified to accommodate an ADA compliant ramp for the two stalls. The third stall and aisle could be placed in the southeast corner of the lot where users could either access Isthmus Park or use the nearby crosswalk to cross the road and enter Heritage Park. Additionally, the asphalt in the southeast corner is already flush with the sidewalk which would mean the existing sidewalk would not have to be demolished to install an ADA ramp.

## 2.6. Lot IS2

Parking Lot IS2 is the second of the Isthmus Park parking lots and is bordered by 4<sup>th</sup> Ave and 5<sup>th</sup> Ave SW. Lot IS2 has 18 angle parking spaces including 2 ADA stalls and 2 access aisles despite only one being necessary to meet ADA standards for a lot of this size. Both access aisles are on the driver side of the ADA stalls. All of the parking stall paint lines and ADA symbols are very indistinct.

Recommendations: The existing access aisles should be moved to the passenger side of the ADA stalls per 502.3.4 of the ADA Standards. To be ADA compliant one of the two existing ADA stalls would need to be widened to accommodate van parking. It would be easiest to make these changes while the rest of the lot is being repainted.

## 2.7. Lot IS3

Parking Lot IS3 is the third parking lot located near Isthmus Park. Like the other two IS lots it is situated between 4<sup>th</sup> Ave and 5<sup>th</sup> Ave SW but is also bordered by Simmons St NW to the east. Instead of servicing the park it is a standalone lot. It is separated from Lot IS2 by a concrete pedestrian sidewalk. Lot IS3 has 56 perpendicular parking stalls including 2 ADA stalls with access aisles. There is also a bus stop within the parking lot in the northeast corner. To meet current ADA standards a parking lot of this size is required to have 3 ADA stalls. Like the two other IS lots, the paint lines and ADA accessibility symbols in Lot IS3 are very faint. At the north end the lot ground surface is significantly higher than the nearby sidewalk and slopes down to meet back up with the parking lot entrance surface.

Recommendations: A third ADA stall with an access aisle should be installed. An ideal location would be in the northeast corner next to the bus stop where there is already an area marked out and could act as an aisle. Another possible location would be in the southeast corner next to the parking lot entrance and the 5<sup>th</sup> Ave/Simmons St NW intersection. All of the stall paint lines and the ADA accessibility symbols should be repainted.

## 2.8. Lot AL

Parking Lot AL is an asphalt parking lot located in the northwest corner of the 5<sup>th</sup> Ave SE and Jefferson St SE intersection. This lot borders the Artesian Well and the Cryptatropa Bar building at the north end of the lot and also has a fenced off city vehicle parking lot in the southeast corner. The city vehicle lot is considered separate from the rest of the lot. Lot AL has 22 perpendicular public parking stalls including 1 ADA stall with an access aisle. Each stall has a functional wheel stop in good condition but the paint lines throughout are faint. Some of the stalls at the north end, including the ADA stall and aisle, have potholes in the asphalt surface and are experiencing cracking. Also, the ground surface slopes towards two stormwater catch basins in the parking lot. This causes the exiting ADA stall's surface and the adjoining access aisle to have a cross slope as high as 4% which exceeds the 2% maximum detailed in the ADA Standards.

Recommendations: Pavement repairs and surface grading should be prioritized to bring the existing ADA stall and access aisle into ADA compliancy. This would include raising the elevation of the two catch basins due to the grade changes. The parking stall paint lines and ADA accessibility symbols should be repainted.

## 2.9. Lot SL

Parking Lot SL is an asphalt parking located in the northeast corner of the State Ave NE and Franklin St NE intersection and serves as a city parking lot for the Greyhound and Intercity Transit bus station across the street. Lot SL has 56 perpendicular and parallel parking stalls including 3 ADA stalls but only one access aisle. One of the ADA parking signs is shorter than the required 60". The access aisle borders the existing sidewalk along Franklin St and has a rough, cracked asphalt surface. The aisle is also 4" higher than the sidewalk next to it and could be a potential hazard to people unloading in the aisle. The painted stall lines and ADA symbols in the lot are faded.

Recommendations: Since there is currently only one existing access aisle, an additional aisle needs to be added between two of the existing ADA stalls per section 502.3 of the ADA standards. The remaining ADA stall would need to be widened to accommodate a van. This can be achieved by using some of the area of the existing access aisle which is currently oversized at 12' wide. The existing aisle should be resurfaced to provide a smooth surface and adjusted in elevation or have a barrier installed to mitigate the current height difference at the edge of the aisle next to the sidewalk. The single low ADA sign needs to be adjusted to a minimum height of 60" per section 502.6 of the ADA Standards. The parking stall lines and ADA symbols throughout the parking lot should be repainted.

## 2.10. Lot SW

Parking Lot SW is an asphalt parking lot located in the southeast corner of the State Ave NE and Washington St NE intersection. Lot SW has 45 perpendicular parking spaces including 1 ADA stall and access aisle. The lot is divided into two halves with each half containing two rows of parking stalls with a buffer strip down the middle containing an illumination pole. Each half has its own entrance from State Ave at the north end of the lot. The existing ADA stall and aisle are located in the western half of the lot and they currently block half of the entrance from the road making it difficult to enter and exit the lot. The existing ADA signage is below 60" in height. Most of the parking stall paint lines and the existing ADA accessibility symbol are faded and hard to see.

Recommendations: An additional ADA stall and aisle should be added to make Lot SW compliant with ADA standards. An ideal location would be in the eastern half which would place an ADA stall in each half of the lot. One of the two ADA stalls should be sized to accommodate van parking. The existing ADA stall and access aisle have enough room to be resized to accommodate a van. The western lot entrance on State Ave should be moved east so as to not encroach on the existing ADA access aisle per section 502.7 of the ADA Standards. The existing ADA signage needs to be raised to a minimum of 60" above the finished surface. The parking stall paint lines and ADA symbols in the lot should be repainted.

## 2.11. Lot PL1

Parking Lot PL1 is the smaller of the two parking lots located at Percival Landing next to Columbia St NW. Lot PL1 has 11 angled parking stalls with wheel stops including 1 ADA stall and access aisle. The existing access aisle is on the driver side of the existing ADA stall.

Recommendations: Since Lot PL1 is exclusively angled parking, per section 502.3.4 of the ADA standards, the access aisle should be moved to the passenger side of the existing ADA stall. This would require that the ADA stall and access aisle switch locations. During that relocation the ADA stall should be widened to accommodate van parking.

## 2.12. Lot PL2

Parking Lot PL2 is the larger of the two Percival Landing parking lots and it borders Columbia St NW. Lot PL2 has 63 perpendicular parking stalls including 1 designated motorcycle stall, 1 ADA stall and 1 access aisle. The existing access aisle is only 52" wide. Each parking space has a wheel stop in serviceable condition and visible stall lines.

Recommendations: An additional 2 ADA stalls and a shared access aisle should be added to the parking lot to meet current ADA standards. These could be located in the northwest corner of the parking lot closest to Percival Landing and the existing ramps located in that corner. Either one of the new ADA stalls or the existing ADA stall should be widened to accommodate van parking. The existing access aisle should be widened to meet the 60" minimum width required in the ADA Standards.

## Attachments

### Parking Lot Exhibit

The attached exhibit shows the number and location of parking spaces for the above lots as well as proposed ADA stall locations.

### Cost Estimate





Attached is a final project cost estimate for the required and recommended lot improvements stated in the memo above.



**NOTES**

- Lot CC = 24 total spaces
- Lot SC = 22 total spaces
- Lot GL = 25 total spaces

**LEGEND**

-  Existing Access Aisle
-  Existing ADA Stall
-  Proposed Access Aisle
-  Proposed ADA Stall

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HORIZONTAL SCALE	1"= 20'
DATE	FEBRUARY 4TH, 2023
JOB No.	21-P00750
DRAWING FILE No.	OLY LOTS EXHIBIT.DWG

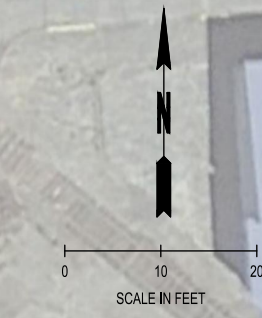
Olympia ADA Parking Assessment  
 CC, SC & GL PARKING LOTS

EXHIBIT No.	EX-01
SHEET No.	1 OF 7






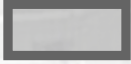






**NOTES**

- Lot SL = 59 total spaces

**LEGEND**

-  Existing Access Aisle
-  Existing ADA Stall
-  Proposed Access Aisle
-  Proposed ADA Stall

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HORIZONTAL SCALE  
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Olympia ADA Parking Assessment  
 SL PARKING LOT





EXHIBIT No.  
**EX-05**  
 SHEET No.  
**5 OF 7**



**NOTES**

- Lot SW = 45 total spaces

**LEGEND**

-  Existing Access Aisle
-  Existing ADA Stall
-  Proposed Access Aisle
-  Proposed ADA Stall


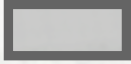


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**NOTES**

- Lot PL1 = 11 total spaces
- Lot PL2 = 63 total spaces

**LEGEND**

-  Existing Access Aisle
-  Existing ADA Stall
-  Proposed Access Aisle
-  Proposed ADA Stall

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HORIZONTAL SCALE:  
 1"= 40'  
 DATE:  
 FEBRUARY 4TH, 2023  
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Olympia ADA Parking Assessment  
 PERCIVAL LANDING LOTS

EXHIBIT No.:  
**EX-07**  
 SHEET No.:  
**7 OF 7**

**Project Name:** Parking Lot Accessibility Assessment  
**Client Name:** City of Olympia  
**SCJ Project No.:** 21-000750  
**Estimate Level:** Final

ITEM DESCRIPTION	UNIT	UNIT PRICE	TOTAL QUANTITY	TOTAL	NOTES
<b>Lot CC</b>					
Required					
PAINT LINE	L.F.	\$1	115	\$115	ADA stall and access aisle
PERMANENT SIGN	EACH	\$500	1	\$500	Includes removal and installation of new sign & pole
PAINTED ACCESS PARKING SYMBOL	EACH	\$100	1	\$100	
				<b>MOBILIZATION (10%)</b>	\$72
				<b>SUBTOTAL</b>	\$787
Recommended					
PAINT LINE	L.F.	\$1	432	\$432	Remaining parking stalls
WHEEL STOP	EACH	\$80	24	\$1,920	All parking stalls
				<b>MOBILIZATION (10%)</b>	\$235
				<b>SUBTOTAL</b>	\$2,587
<b>Lot SC</b>					
Required					
REMOVING PAINT LINE	L.F.	\$3	145	\$435	Removing old access aisle and adjoining stall lines
PAINT LINE	L.F.	\$1	250	\$250	ADA parking stall, access aisle, adjoining stalls
SIGNAGE REMOVAL	L.S.	\$200	1	\$200	Existing ADA sign
PERMANENT SIGN	EACH	\$500	1	\$500	Includes removal and installation of new sign & pole
PAINTED ACCESS PARKING SYMBOL	EACH	\$100	1	\$100	
				<b>MOBILIZATION (10%)</b>	\$149
				<b>SUBTOTAL</b>	\$1,634
Recommended					
PAINT LINE	L.F.	\$1	255	\$255	Remaining parking stalls
WHEEL STOP	EACH	\$80	14	\$1,120	
				<b>MOBILIZATION (10%)</b>	\$138
				<b>SUBTOTAL</b>	\$1,513
<b>Lot GL</b>					
Recommended					
PAINT LINE	L.F.	\$1	360	\$360	All parking stalls
WHEEL STOP	EACH	\$80	25	\$2,000	All parking stalls
				<b>MOBILIZATION (10%)</b>	\$236
				<b>SUBTOTAL</b>	\$2,596
<b>Lot 4A</b>					
Required					
EXCAVATION INCL. HAUL	C.Y.	\$120	35	\$4,200	Per Option 1 in memo
COMMERCIAL HMA	TON	\$300	4	\$1,200	Per Option 1 in memo
ADJUST VALVE COVER	EACH	\$400	1	\$400	Due to ground surface elevation change
REMOVING PAINT LINE	L.F.	\$3	36	\$108	Per Option 2, removing existing parking space lines
PAINT LINE	L.F.	\$1	132	\$132	ADA stalls and access aisle
PERMANENT SIGN	EACH	\$500	1	\$500	Includes removal and installation of new sign & pole
PAINTED ACCESS PARKING SYMBOL	EACH	\$100	1	\$100	
				<b>MOBILIZATION (10%)</b>	\$664
				<b>SUBTOTAL</b>	\$7,304
Recommended					
PAINT LINE	L.F.	\$1	360	\$360	Remaining parking stalls
				<b>MOBILIZATION (10%)</b>	\$36
				<b>SUBTOTAL</b>	\$396

ITEM DESCRIPTION	UNIT	UNIT PRICE	TOTAL QUANTITY	TOTAL	NOTES
<b>Lot IS1</b>					
Required					
PAINT LINE	L.F.	\$1	246	\$246	ADA stalls and access aisle
PERMANENT SIGN	EACH	\$500	3	\$1,500	Includes removal and installation of new sign & pole
PAINTED ACCESS PARKING SYMBOL	EACH	\$100	3	\$300	
WHEEL STOP	EACH	\$80	35	\$2,800	
CONC. CURB RAMP TYPE PARALLEL A	EACH	\$2,500	1	\$2,500	To replace sidewalk in front of proposed ADA stalls
<b>MOBILIZATION (10%)</b>				\$735	
<b>SUBTOTAL</b>				\$8,081	
Recommended					
PAINT LINE	L.F.	\$1	1314	\$1,314	Remaining parking stalls
<b>MOBILIZATION (10%)</b>				\$131	
<b>SUBTOTAL</b>				\$1,445	
<b>Lot IS2</b>					
Required					
PAINT LINE	L.F.	\$1	210	\$210	ADA stalls and access aisle
PERMANENT SIGN	EACH	\$500	2	\$1,000	Includes removal and installation of new sign & pole
PAINTED ACCESS PARKING SYMBOL	EACH	\$100	2	\$200	
WHEEL STOP	EACH	\$80	16	\$1,280	
<b>MOBILIZATION (10%)</b>				\$269	
<b>SUBTOTAL</b>				\$2,959	
Recommended					
PAINT LINE	L.F.	\$1	288	\$288	Remaining parking stalls
<b>MOBILIZATION (10%)</b>				\$29	
<b>SUBTOTAL</b>				\$317	
<b>Lot IS3</b>					
Required					
PAINT LINE	L.F.	\$1	246	\$246	ADA parking stall, access aisle, adjoining stalls
PERMANENT SIGN	EACH	\$500	1	\$500	Includes removal and installation of new sign & pole
PAINTED ACCESS PARKING SYMBOL	EACH	\$100	3	\$300	
<b>MOBILIZATION (10%)</b>				\$105	
<b>SUBTOTAL</b>				\$1,151	
Recommended					
PAINT LINE	L.F.	\$1	954	\$954	Remaining parking stalls
<b>MOBILIZATION (10%)</b>				\$95	
<b>SUBTOTAL</b>				\$1,049	
<b>Lot AL</b>					
Required					
EXCAVATION INCL. HAUL	C.Y.	\$120	46	\$5,520	Demolition for ground surface grade adjustment
BASE COURSE	TON	\$35	61	\$2,135	
COMMERCIAL HMA	TON	\$300	48	\$14,400	
PAINT LINE	L.F.	\$1	174	\$174	ADA parking stall, access aisle, adjoining stalls
PAINTED ACCESS PARKING SYMBOL	EACH	\$100	1	\$100	
ADJUST CATCH BASIN	EACH	\$600	2	\$1,200	Due to ground surface elevation change
<b>MOBILIZATION (10%)</b>				\$2,353	
<b>SUBTOTAL</b>				\$25,882	
Recommended					
PAINT LINE	L.F.	\$1	378	\$378	Remaining parking stalls
<b>MOBILIZATION (10%)</b>				\$38	
<b>SUBTOTAL</b>				\$416	

ITEM DESCRIPTION	UNIT	UNIT PRICE	TOTAL QUANTITY	TOTAL	NOTES
<b>Lot SL</b>					
Required					
PAINT LINE	L.F.	\$1	228	\$228	ADA parking stall, access aisle, adjoining stalls
PERMANENT SIGN	EACH	\$500	2	\$1,000	Includes removal and installation of new sign & pole
PAINTED ACCESS PARKING SYMBOL	EACH	\$100	3	\$300	
COMMERCIAL HMA	TON	\$300	5	\$1,500	Asphalt patching/resurfacing in ADA stalls
WHEEL STOP	EACH	\$80	32	\$2,560	
<b>MOBILIZATION (10%)</b>				\$559	
<b>SUBTOTAL</b>				\$6,147	
Recommended					
PAINT LINE	L.F.	\$1	1008	\$1,008	Remaining parking stalls
<b>MOBILIZATION (10%)</b>				\$101	
<b>SUBTOTAL</b>				\$1,109	
<b>Lot SW</b>					
Required					
EXCAVATION INCL. HAUL	C.Y.	\$120	5	\$600	Demolition of western lot entrance on State Ave
CONC. DRIVEWAY ENTRANCE TYPE 3	S.Y	\$125	39	\$4,875	New lot entrance
PAINT LINE	L.F.	\$1	228	\$228	Removing old access aisle and adjoining stall lines
PERMANENT SIGN	EACH	\$500	2	\$1,000	Includes removal and installation of new sign & pole
PAINTED ACCESS PARKING SYMBOL	EACH	\$100	2	\$200	ADA parking stall, access aisle, adjoining stalls
<b>MOBILIZATION (10%)</b>				\$690	
<b>SUBTOTAL</b>				\$7,593	
Recommended					
PAINT LINE	L.F.	\$1	792	\$792	Remaining parking stalls
<b>MOBILIZATION (10%)</b>				\$79	
<b>SUBTOTAL</b>				\$871	
<b>Lot PL1</b>					
Required					
PAINT LINE	L.F.	\$1	114	\$114	ADA parking stall, access aisle, adjoining stalls
PAINTED ACCESS PARKING SYMBOL	EACH	\$100	1	\$100	
<b>MOBILIZATION (10%)</b>				\$21	
<b>SUBTOTAL</b>				\$235	
<b>Lot PL2</b>					
Required					
PAINT LINE	L.F.	\$1	200	\$200	ADA parking stall, access aisle, adjoining stalls
PERMANENT SIGN	EACH	\$500	2	\$1,000	Includes removal and installation of new sign & pole
PAINTED ACCESS PARKING SYMBOL	EACH	\$100	3	\$300	
<b>MOBILIZATION (10%)</b>				\$150	
<b>SUBTOTAL</b>				\$1,650	
<b>REQUIRED TOTAL</b>				\$63,422	
<b>RECOMMENDED TOTAL</b>				\$12,299	