



STAFF REPORT

Report To: Board of Supervisors

Meeting Date: March 1, 2018

Staff Contact: Jennifer Budge, CPRP, Parks and Recreation Director

Agenda Title: For Possible Action: To approve the submission of an \$81,788 Land & Water Conservation Fund Program grant application by the Parks, Recreation & Open Space Department (using approximately \$73,388 city cash match and \$8,400 city in-kind match) for phase 1 of the rehabilitation of the path system in Long Ranch Park.

Staff Summary: The Nevada Division of State Parks is requesting grant applications for the Land & Water Conservation Fund Program (LWCF). This program is a federal grant program, administered locally through the Nevada Division of State Parks, and provides matching grants (1:1) for the acquisition and development of public parks and other outdoor recreation sites. There is approximately \$600,000 available in the next grant cycle. Applications are due no later than March 23, 2018. (jbudge@carson.org)

Agenda Action: Formal Action/Motion

Time Requested: Consent

Proposed Motion

Move to approve the submission of an \$81,788 Land & Water Conservation Fund Program grant application by the Parks, Recreation & Open Space Department (using approximately \$73,388 city cash match and \$8,400 city in-kind match) for phase 1 of the rehabilitation of the path system in Long Ranch Park.

Board's Strategic Goal

Quality of Life

Previous Action

On February 6, 2018 the Parks and Recreation Commission recommended to the Board of Supervisors to submit an \$81,788 Land and Water Conservation Fund grant application (approximately \$73,388 city cash match and \$8,400 city in-kind match) for paved path rehabilitation at Long Ranch Park.

Background/Issues & Analysis

The Long Ranch Estates development was built approximately twenty years ago and the path system is wearing out with age (Exhibit A - Site Pictures). Maintenance is urgently needed for infrastructure preservation to provide a safe recreational amenity for the public to use and enjoy at this popular park. Long Ranch Estates residents have expressed their concerns to the City about the condition of the path system as well. With this in mind, the City retained Lumos and Associates to complete an evaluation of the paths to determine pavement condition, safety concerns, prioritize repairs in a phased approach, (Exhibit B) and provide an engineer's estimate (Exhibit C). The engineer's estimate for total rehabilitation is \$513,905.40. In anticipation of these needs, \$73,388 funds were identified in the FY 17-18 parks Capital Improvement Plan (CIP) budget to begin to address the aging infrastructure throughout the City's park system and to serve as match for grant opportunities.

If approved for submittal, the grant application would be requesting approximately \$81,788 for the rehabilitation of a portion of the path system, with a total estimated project cost of \$163,576. The scope of work would include materials testing, project management/bid preparation, and a variety of crack sealing, wide crack repairs, full depth patching, slurry seal, and replacement of pedestrian access ramps depending on the selected project location. If successful, rehabilitation would take place on the northern section of the park or a combination of the southern and western sections. The project's exact location will be dependent on the timing of Carson City's 24" water transmission main construction project which is currently slated for the 2020-2021 timeframe and might conflict with the northern most section of the rehabilitation project.

LWCF Program requires a 1:1 match, but no more than 50% of the total project costs. The City's match is approximately \$81,778 and would be from a combination of funds previously spent on the pavement evaluation plan (\$8,400) and \$73,388 in CIP funds available in the park's budget specifically for asphalt and concrete path rehabilitation projects.

Property developed with LWCF assistance shall be retained and used for public outdoor recreation. The Land and Water Conservation Fund Act assures that once an area has been funded with LWCF assistance it must, by law, be continually maintained in public recreation use unless approved by the National Park Service. A non-revocable deed restriction ensures that the lands are maintained in a manner consistent with the purpose of the program and secures those lands for outdoor public recreation use. The cost of the deed restriction is an eligible cost. Project sponsors are not required to continue operation of a particular recreation facility beyond its useful life.

It is a department priority to find funding for the rehabilitation of the Long Ranch Park's path system and staff is using various grant opportunities towards that goal. Previously, the City applied for a Recreation Trails Program (RTP) grant in October, 2017, but was not successful. In January, 2018, a \$198,070 Community Development Block Grant was submitted to replace pedestrian access ramps throughout the park's path system.

This park's path system is identified in the City's Unified Pathways Master Plan. It not only provides recreational opportunities for Long Ranch Estates' residents and the public, but will provide regional trail connectivity once the Vintage development is constructed.

Applicable Statute, Code, Policy, Rule or Regulation

Carson City Grant Policy

Financial Information

Is there a fiscal impact? Yes No

If yes, account name/number: 210-0000-451.65-40 and 254-5046-452.7134

Is it currently budgeted? Yes No

Explanation of Fiscal Impact: There is a 1:1 City match requirement. This match will come from \$8,400 previously spent from Q-18 maintenance professional services [254-5012-452.0309] on the pavement evaluation plan with the remaining \$73,388 coming from CIP available in the parks budget [\$70,613 is available in the 210 account and \$2,775 is available in the 254 account].

Alternatives

The Board may direct staff to proceed with other options

Board Action Taken:

Motion: _____

1) _____

Aye/Nay

2) _____

(Vote Recorded By)

SITE PHOTOGRAPHS - Existing Access Ramp's Conditions



SITE PHOTOGRAPHS - Existing Path System's Condition



Gaps are forming at previous patched areas and drainage is impacting wear and maintenance.



The path is deteriorating and crumbling in many locations, especially at curves, high use sections and transition points.



Edge of pavement is crumbling, severe bilateral cracks are forming, creating potential tripping hazards.



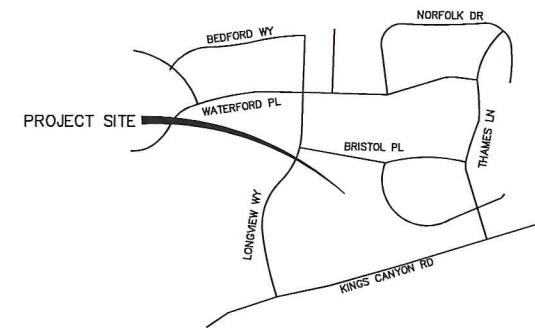
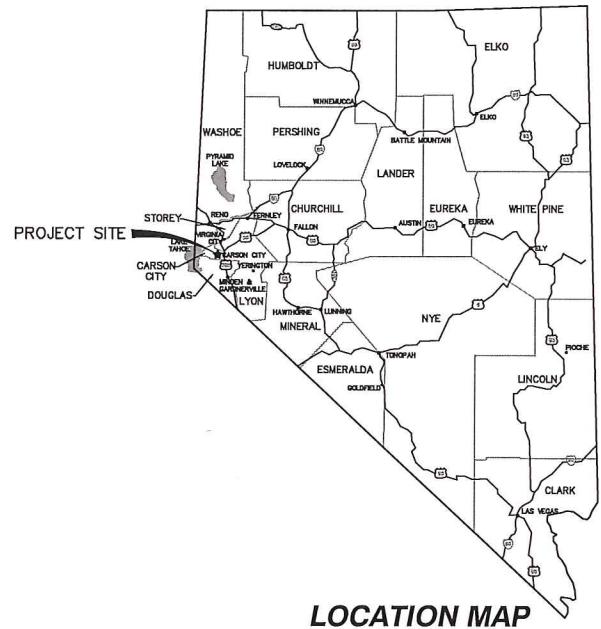
CARSON CITY PARKS & OPEN SPACE LONG RANCH ESTATES PAVEMENT EVALUATION PROJECT



800 E. COLLEGE PARKWAY
CARSON CITY, NEVADA 89706
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OWNER:

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ATTN: VERN KRAHN
3505 BUTTI WAY, BUILDING #9
CITY, STATE ZIP
PH.: (775) 887-2262
FAX: (775) 887-2145

ENGINEER



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SHEET INDEX:

REV	DATE	DESCRIPTION	C1.0
		TITLE SHEET SHEET INDEX PAVEMENT EVALUATION	E1.0
			E1.1 to E1.11

C1

DATE: SEPTEMBER 2017
DRAWN BY: BDH
DESIGNED BY: BDH
CHECKED BY: MB
JOB NO.: 9244.000

Exhibit B

CARSON CITY PARKS & OPEN SPACE
LONG RANCH ESTATES
PAVEMENT EVALUATION PROJECT

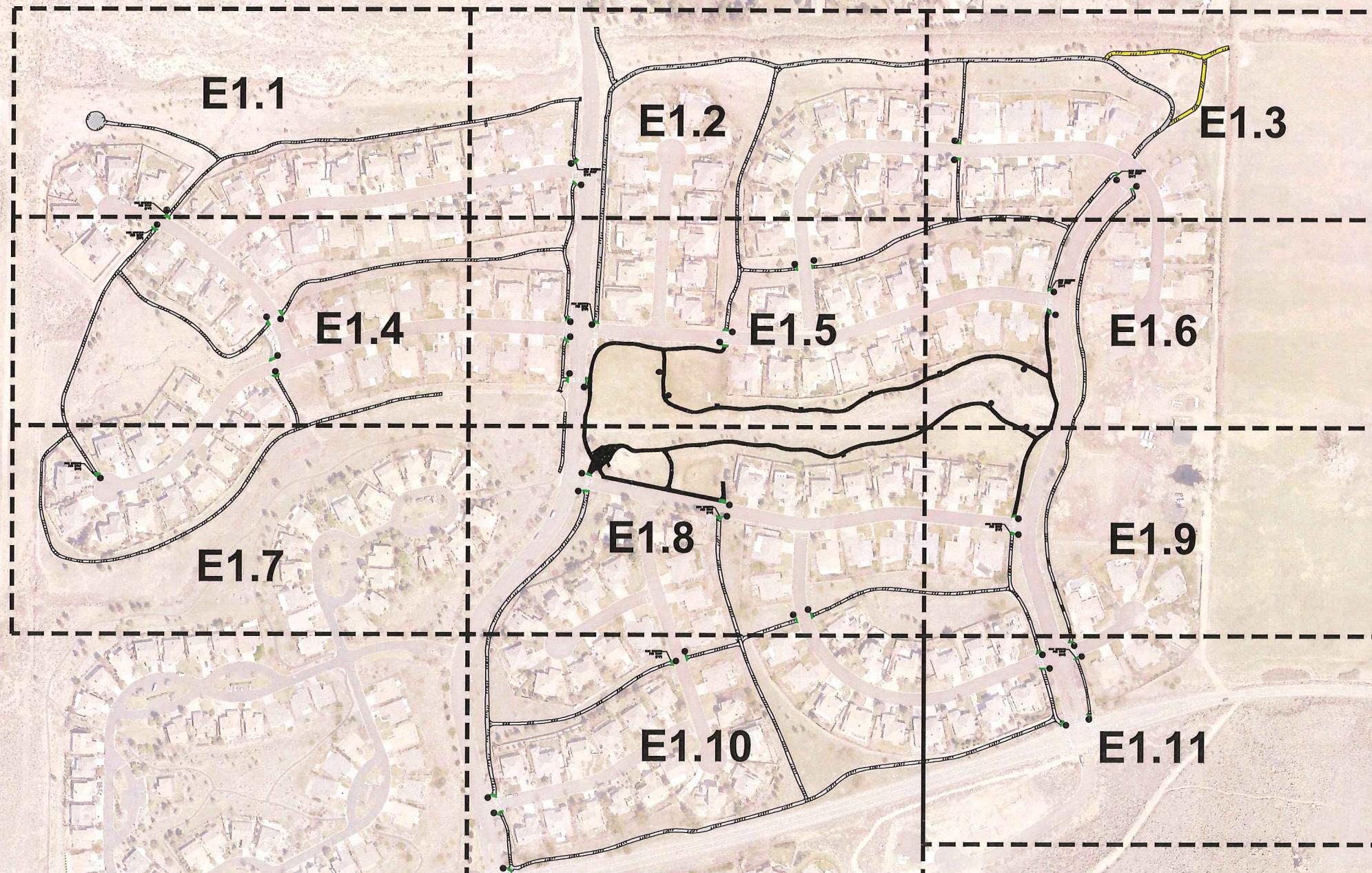
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LONG RANCH ESTATES
 CARSON CITY PARKS & OPEN SPACE
 PEDESTRIAN RAMP REPLACEMENT PROJECT

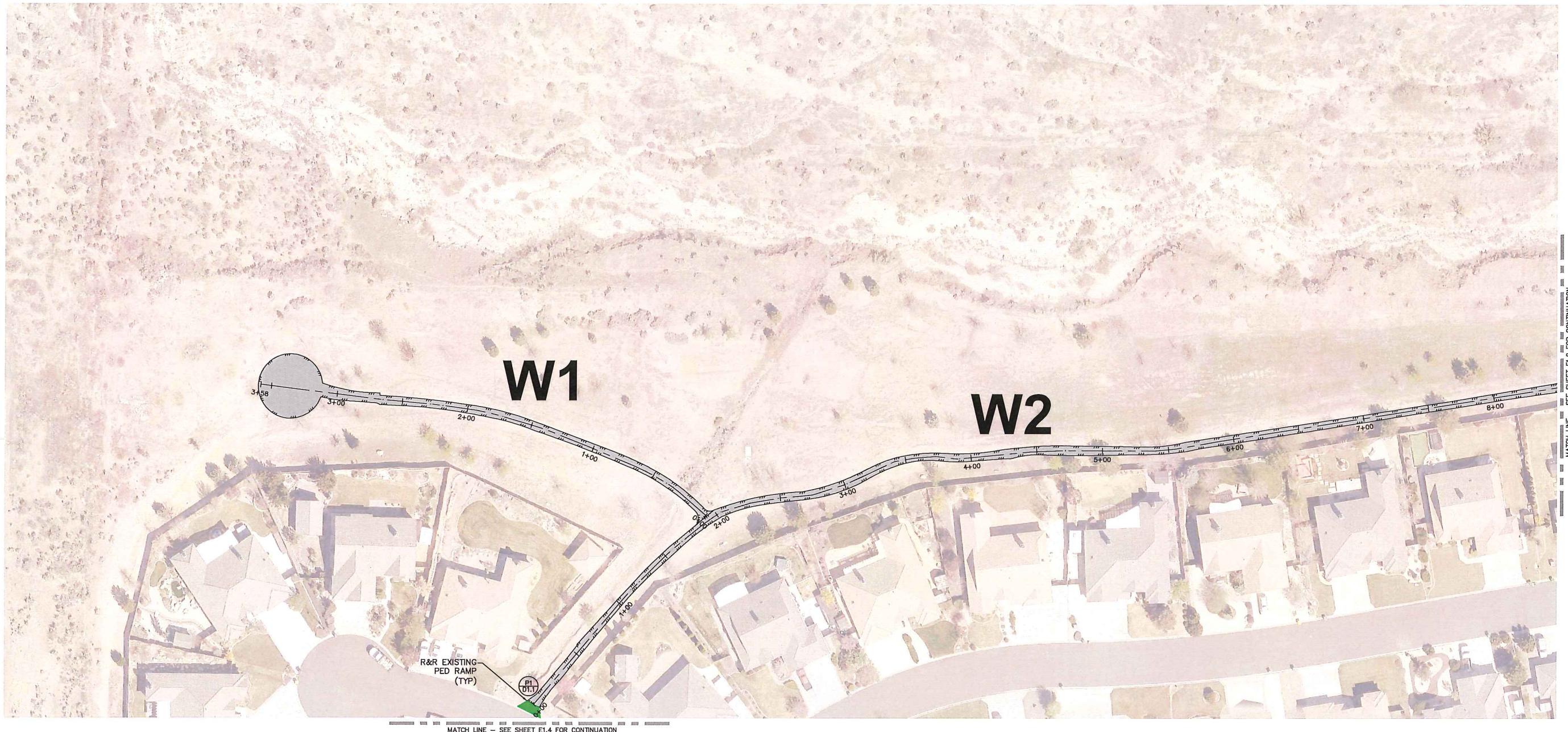
90% SUBMITTAL

E1.0

 DATE: JANUARY 2018
 DRAWN BY: KJP
 DESIGNED BY: BDH
 CHECKED BY: MB
 JOB NO.: 9244.000


REV	DATE	DESCRIPTION	BY

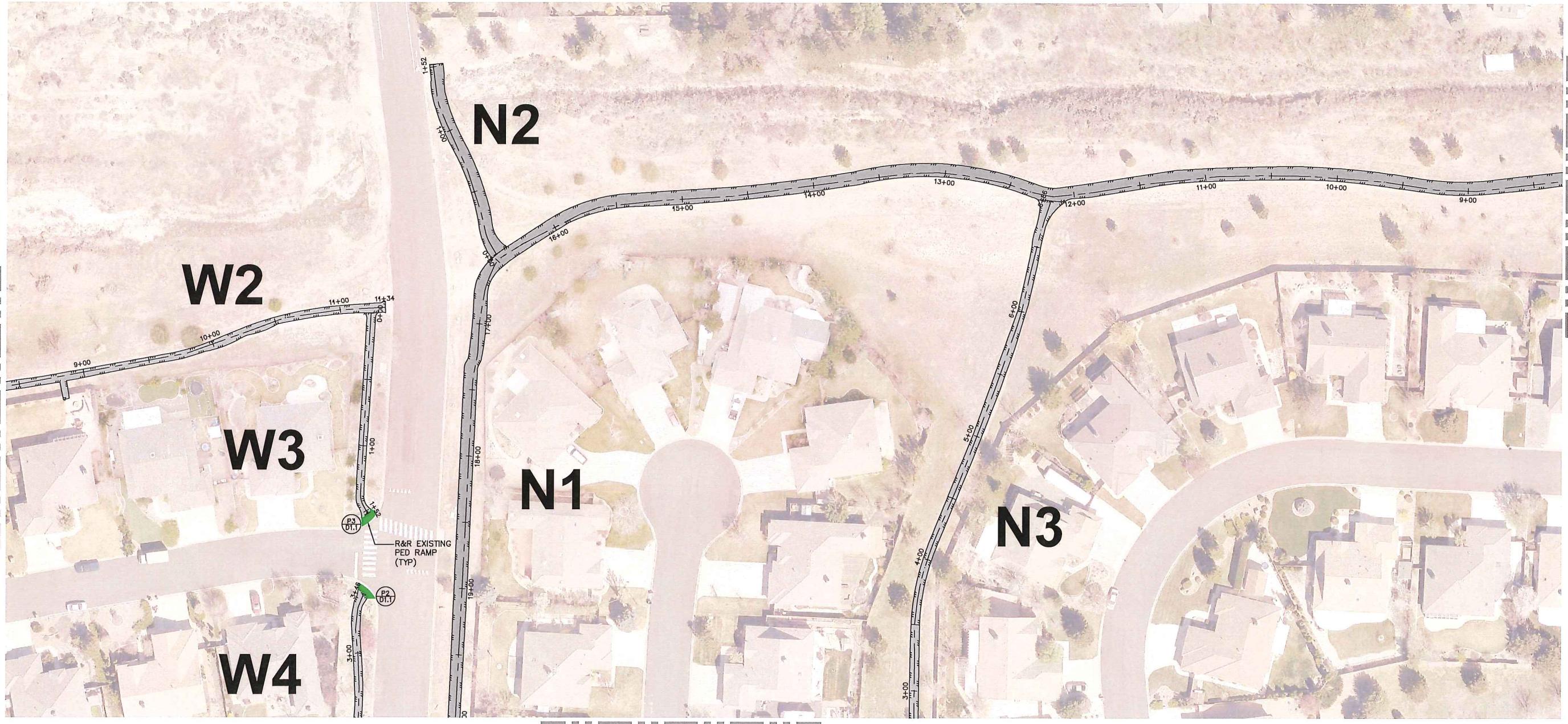



LEGEND

Symbol	ITEM
■	FULL DEPTH PATCHING
■	SAWCUT & RESHOULDERING
■	SHOULDERING
■	PEDESTRIAN RAMP REPLACEMENT
■	R/R ASPHALT PATHWAY
■	NEW ASPHALT PATHWAY


 40 20 0 40 80
 SCALE: 1" = 40

E1.1



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PEDESTRIAN RAMP REPLACEMENT PROJECT

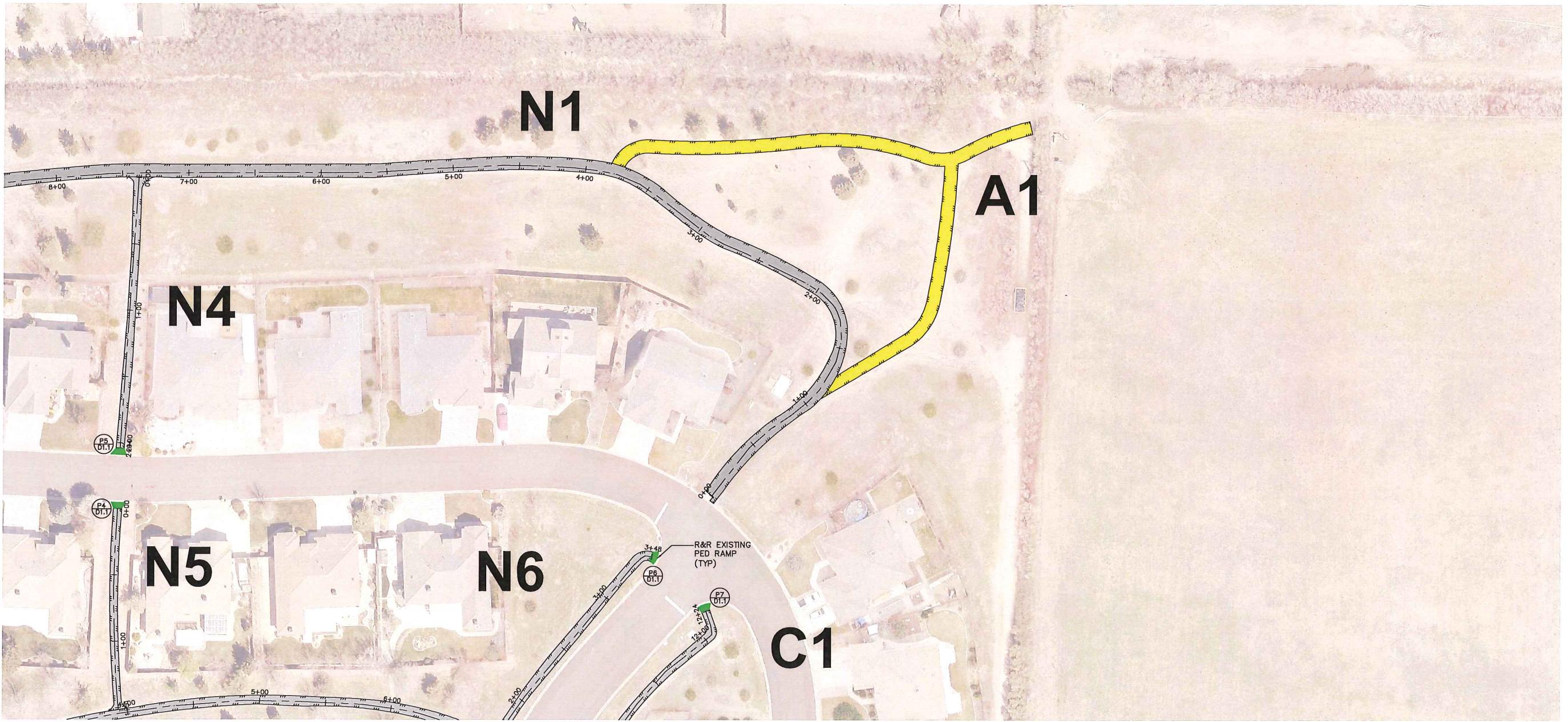
30% SUBMISSION

LEGEND

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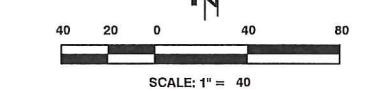
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CARSON CITY PARKS & OPEN SPACE

LONG RANCH ESTATES
PEDESTRIAN RAMP REPLACEMENT PROJECT

90% SUBMITTAL



40 20 0 40 80

SCALE: 1" = 40

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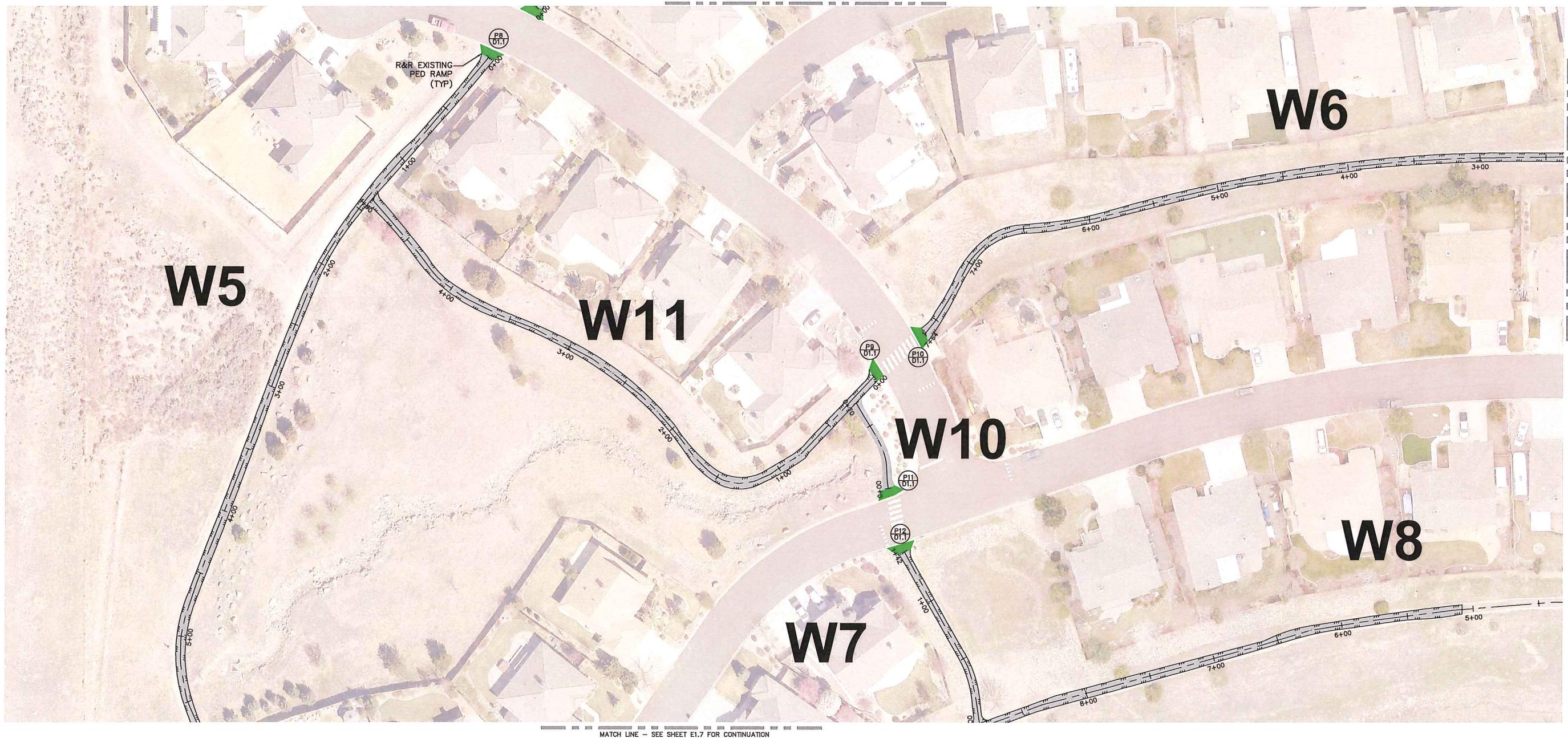
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E1.3



LEGEND

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■	NEW ASPHALT PATHWAY

REV	DATE	BY

90% SUBMITTAL

E1.4

DATE: JANUARY 2018
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LONG RANCH ESTATES
 PEDESTRIAN RAMP REPLACEMENT PROJECT

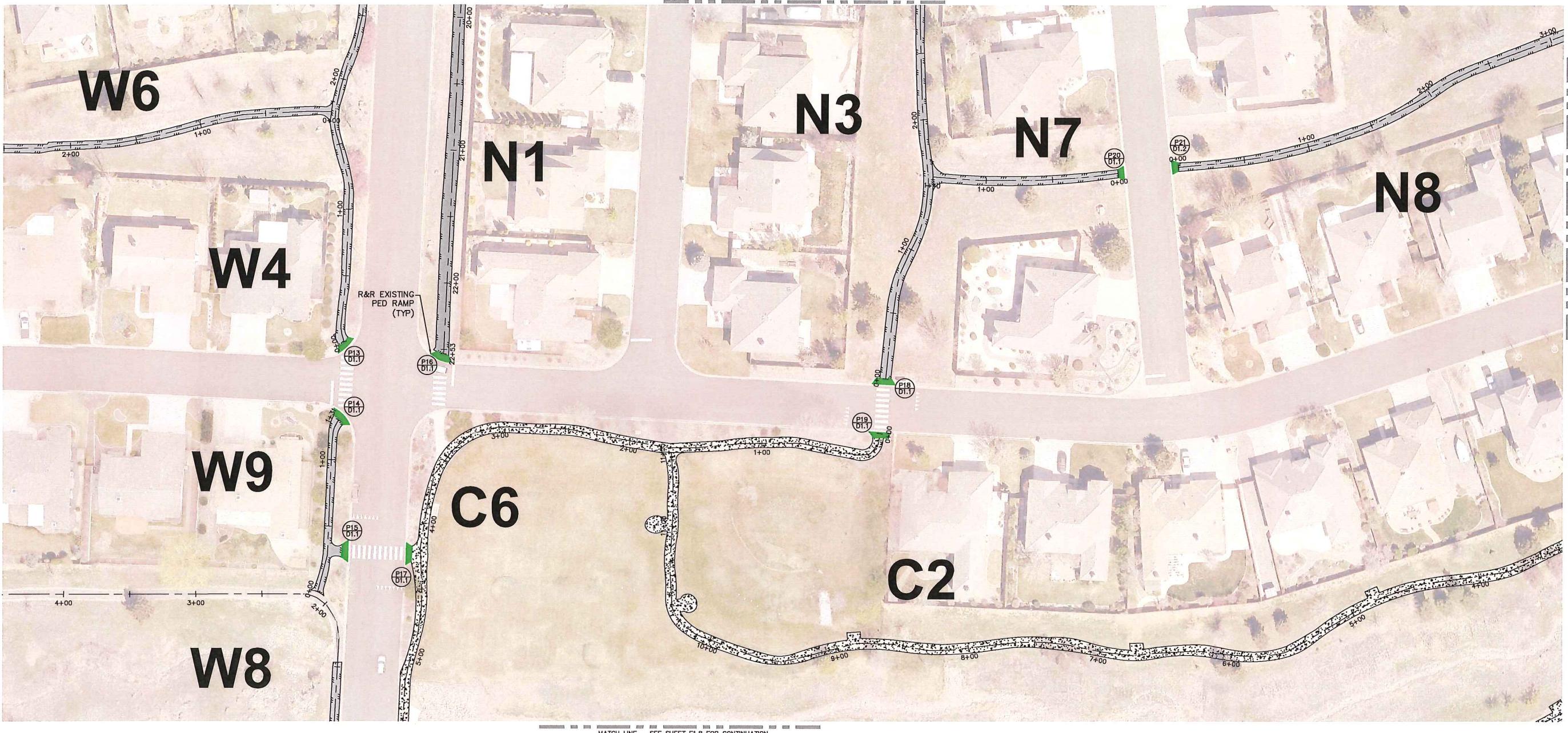
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E1.5

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 PEDESTRIAN RAMP REPLACEMENT PROJECT

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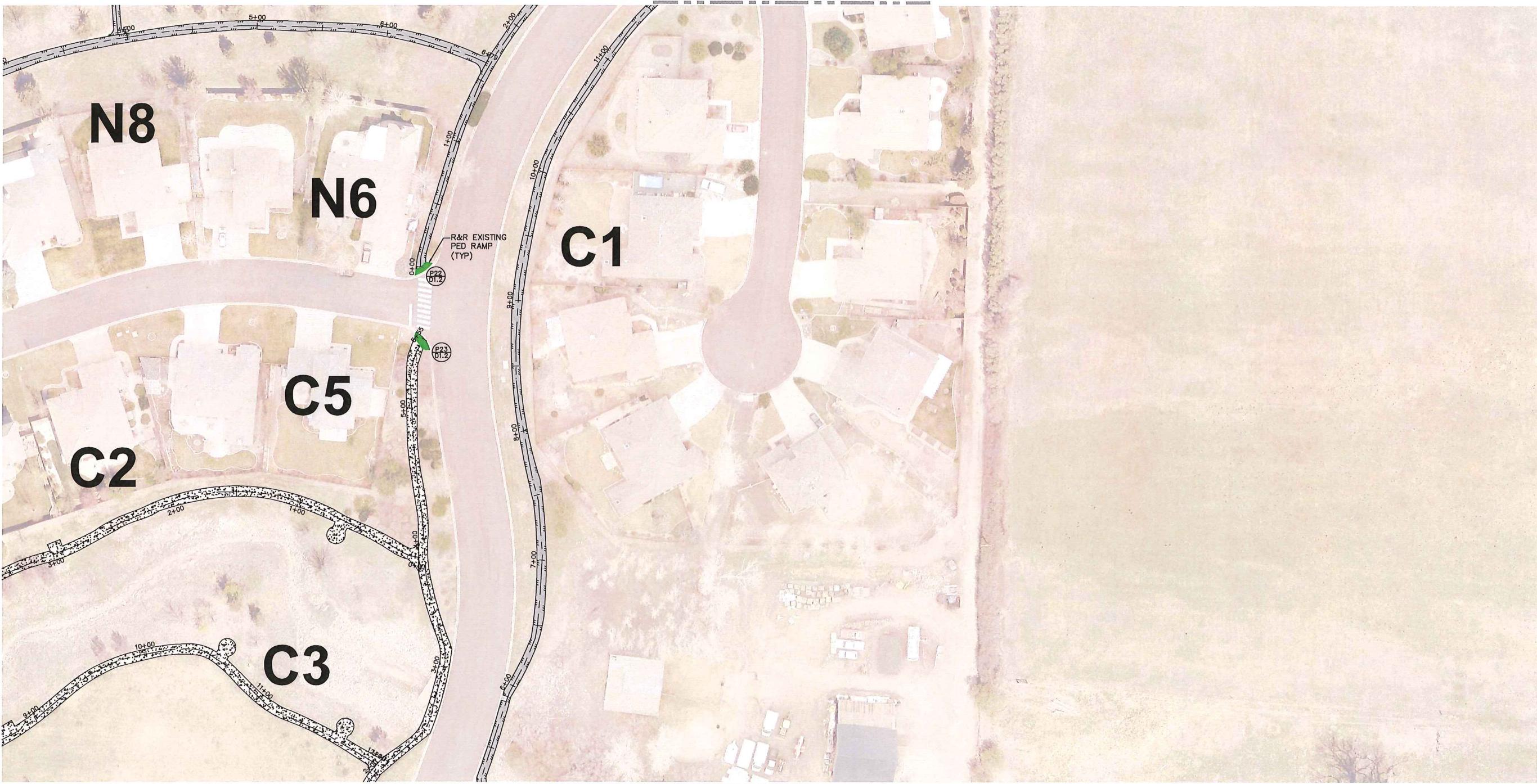
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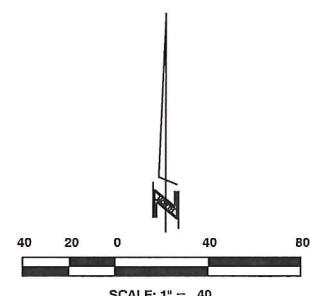
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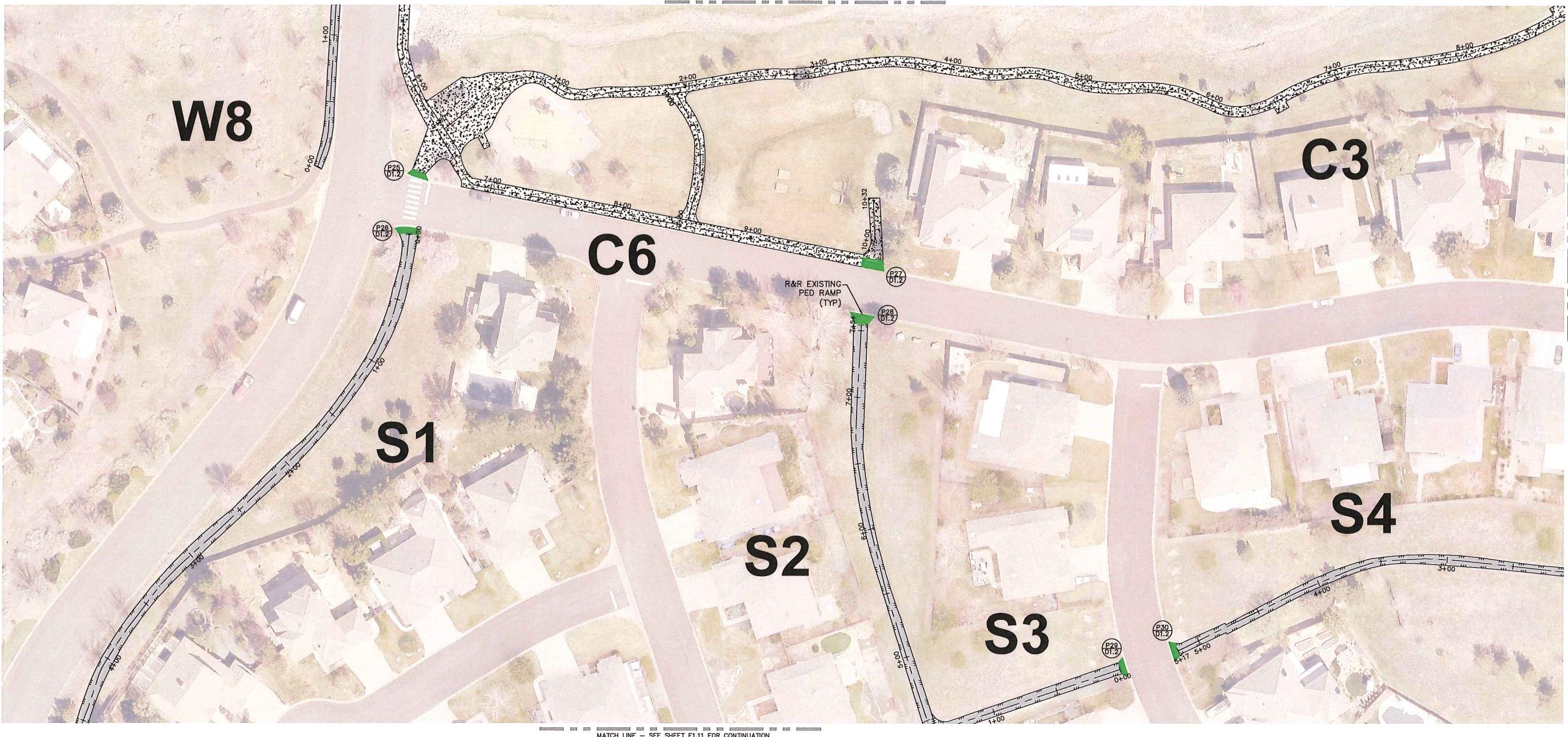




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E1.8

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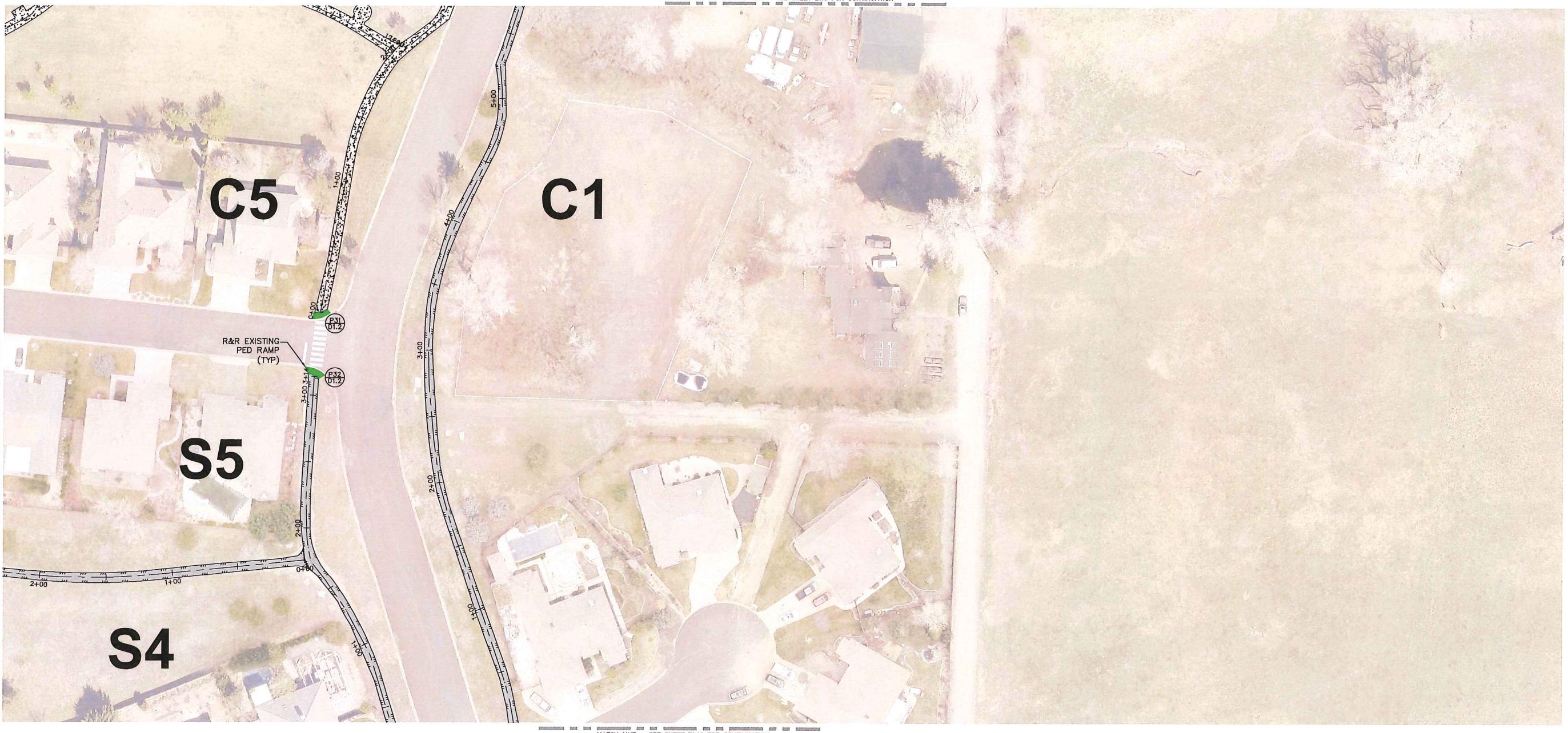
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MATCH LINE - SEE SHEET E1.6 FOR CONTINUATION



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LONG RANCH ESTATES
PEDESTRIAN RAMP REPLACEMENT PROJECT
CARSON CITY

ITEM	DESCRIPTION	REV	DATE
FULL DEPTH PATCHING			
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NEW ASPHALT PATHWAY			

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■	NEW ASPHALT PATHWAY



40 20 0 40 80
SCALE: 1" = 40

E1.9

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LONG RANCH ESTATES

PEDESTRIAN RAMP REPLACEMENT PROJECT

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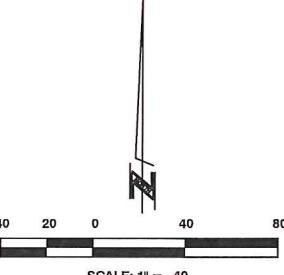
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E1.11

LEGEND

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■	NEW ASPHALT PATHWAY

REV	DATE	DESCRIPTION	BY



DATE: JANUARY 2018
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JOB NO.: 9244.000



E SIDE OF NORFOLK DR


 N SIDE OF WATERFORD PL AT THAMES LN
 INTERSECTION

 S SIDE OF WATERFORD PL AT THAMES LN
 INTERSECTION


PED RAMP IN WATERFORD PL CUL-DE-SAC


 N CORNER OF BRISTOL PL AT LONGVIEW WY
 INTERSECTION

 S CORNER OF BRISTOL PL AT LONGVIEW WY
 INTERSECTION

 N SIDE OF BRISTOL PL NEAR SE SIDE OF
 PARK


S SIDE OF BRISTOL PL



SW SIDE OF ST GEORGE WY



NE SIDE OF ST GEORGE WY, S OF MAILBOX


 N SIDE OF BRISTOL PL AT THAMES LN
 INTERSECTION

 S SIDE OF BRISTOL PL AT THAMES LN
 INTERSECTION

 N SIDE OF ROXBURY WY AT LONGVIEW WY
 INTERSECTION

 S SIDE OF ROXBURY WY AT LONGVIEW WY
 INTERSECTION

 N SIDE OF LONGVIEW WY TURN-OFF FROM
 KINGS CANYON RD


SW SIDE OF ST ALBANS PL



NW SIDE OF ST ALBANS PL


 NW CORNER OF INTERSECTION AT ST GEORGE
 WY AND THAMES LN

 NE CORNER OF INTERSECTION AT ST GEORGE
 WY AND THAMES LN

 SW CORNER OF INTERSECTION AT ST GEORGE
 WY AND THAMES LN

**LONG RANCH ESTATES
CARSON CITY PARKS & OPEN SPACE
PEDESTRIAN RAMP REPLACEMENT PROJECT**

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REV	DATE	DESCRIPTION	BY

D1.2


 SE CORNER OF INTERSECTION AT ST GEORGE
 WY AND THAMES LN

 P41
 ET-11

 S SIDE OF THAMES LN TURN-OFF FROM
 KINGS CANYON RD

 P42
 ET-11

 N SIDE OF THAMES LN TURN-OFF FROM
 KINGS CANYON RD

 P43
 ET-11

REV		DATE		DESCRIPTION		BY		CARSON CITY PARKS & OPEN SPACE									
LONG RANCH ESTATES PEDESTRIAN RAMP REPLACEMENT PROJECT																	
CARSON CITY																	
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D1.3

PATHWAY SEGMENT	PAVEMENT CRACK SEALING		ASPHALT PAVEMENT PATCHING		WIDE CRACK REPAIR		TYPE 1 SLURRY SEAL		REMOVE EXISTING & CONSTRUCT 10' ASPHALT PATHWAY		SHOULDERING		CONSTRUCT NEW 10' ASPHALT PATHWAY		CONCRETE PATCHING		SAWCUT PAVEMENT EDGE & RE-SHOULDER		REMOVE EXISTING & CONSTRUCT NEW PEDESTRIAN RAMP		PATHWAY SEGMENT COST	AREA COST
	\$ 1.50 / LF	\$ 8.00 / SF	\$ 8.00 / LF	\$ 0.60 / SF	\$ 6.50 / SF	\$ 16.00 / LF	\$ 6.50 / SF	\$ 20.00 / SF	\$ 20.00 / LF	\$ 3,200.00 / EA	\$ 20.00 / SF	\$ 20.00 / LF	\$ 20.00 / SF	\$ 20.00 / LF	\$ 20.00 / SF	\$ 20.00 / LF	\$ 20.00 / SF	\$ 20.00 / LF	\$ 20.00 / SF	\$ 20.00 / LF		
A1	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	5,280 \$ 34,320.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	\$ 34,320.00		
ADDITIONAL AREA TOTALS:	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	5,280 \$ 34,320.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	\$ 34,320.00		
C1	297 \$ 445.50	1,460 \$ 11,680.00	30 \$ 240.00	9,054 \$ 5,432.40	- \$ -	20 \$ 320.00	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	2 \$ 6,400.00	\$ 24,517.90	
C2	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		53 \$ 1,060.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	\$ 1,060.00	
C3	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		356 \$ 7,120.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	\$ 7,120.00	
C5	6 \$ 9.00	- \$ -	12 \$ 96.00	- \$ -	- \$ -	18 \$ 288.00	- \$ -	- \$ -	- \$ -		48 \$ 960.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	2 \$ 6,400.00	\$ 7,753.00
C6	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		724 \$ 14,480.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	2 \$ 6,400.00	\$ 20,880.00
CENTRAL AREA TOTALS:	303 \$ 454.50	1,460 \$ 11,680.00	42 \$ 336.00	9,054 \$ 5,432.40	- \$ -	38 \$ 608.00	- \$ -	- \$ -	- \$ -		1,181 \$ 23,620.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	6 \$ 19,200.00	\$ 61,330.90	
N1	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	22,530 \$ 146,445.00	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	3 \$ 9,600.00	\$ 156,045.00	
N2	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	1,520 \$ 9,880.00	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	\$ 9,880.00	
N3	94 \$ 141.00	84 \$ 672.00	39 \$ 312.00	4,885 \$ 2,931.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	1 \$ 3,200.00	\$ 7,256.00	
N4	23 \$ 34.50	24 \$ 192.00	12 \$ 96.00	1,288 \$ 772.80	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	1 \$ 3,200.00	\$ 4,295.30	
N5	6 \$ 9.00	24 \$ 192.00	6 \$ 48.00	916 \$ 549.60	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	1 \$ 3,200.00	\$ 3,998.60	
N6	- \$ -	366 \$ 2,928.00	15 \$ 120.00	2,358 \$ 1,414.80	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		173 \$ 2,768.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	2 \$ 6,400.00	\$ 13,630.80	
N7	24 \$ 36.00	36 \$ 288.00	6 \$ 48.00	968 \$ 580.80	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	1 \$ 3,200.00	\$ 4,152.80	
N8	70 \$ 105.00	90 \$ 720.00	54 \$ 432.00	4,946 \$ 2,967.60	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	2 \$ 6,400.00	\$ 10,624.60	
NORTHERN AREA TOTALS:	217 \$ 325.50	624 \$ 4,992.00	132 \$ 1,056.00	15,361 \$ 9,216.60	24,050 \$ 156,325.00	173 \$ 2,768.00	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	11 \$ 35,200.00	\$ 209,883.10	
S1	124 \$ 186.00	488 \$ 3,904.00	60 \$ 480.00	7,829 \$ 4,697.40	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	2 \$ 6,400.00	\$ 15,667.40	
S2	194 \$ 291.00	- \$ -	- \$ -	5,888 \$ 3,532.80	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	1 \$ 3,200.00	\$ 7,023.80	
S3	77 \$ 115.50	56 \$ 448.00	- \$ -	1,256 \$ 753.60	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	1 \$ 3,200.00	\$ 7,437.10	
S4	72 \$ 108.00	- \$ -	6 \$ 48.00	3,681 \$ 2,208.60	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	1 \$ 3,200.00	\$ 5,564.60	
S5	24 \$ 36.00	318 \$ 2,544.00	- \$ -	2,213 \$ 1,327.80	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	2 \$ 6,400.00	\$ 14,227.80	
S6	112 \$ 168.00	80 \$ 640.00	- \$ -	3,610 \$ 2,166.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		46 \$ 736.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	1 \$ 3,200.00	\$ 6,910.00	
S7	36 \$ 54.00	60 \$ 480.00	- \$ -	1,026 \$ 615.60	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		66 \$ 1,056.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	1 \$ 3,200.00	\$ 5,405.60	
S8	657 \$ 985.50	841 \$ 6,728.00	94 \$ 752.00	12,883 \$ 7,729.80	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		34 \$ 544.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	2 \$ 6,400.00	\$ 24,479.30	
S9	6 \$ 9.00	291 \$ 2,328.00	- \$ -	1,245 \$ 747.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	2 \$ 6,400.00	\$ 12,444.00	
S10	12 \$ 18.00	358 \$ 2,864.00	- \$ -	768 \$ 460.80	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		50 \$ 800.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	2 \$ 6,400.00	\$ 10,542.80	
SOUTHERN AREA TOTALS:	1,314 \$ 1,971.00	2,492 \$ 19,936.00	160 \$ 1,280.00	40,399 \$ 24,239.40	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		196 \$ 3,136.00	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	15 \$ 48,000.00	\$ 109,702.40	
W1	62 \$ 93.00	26 \$ 208.00	24 \$ 192.00	3,922 \$ 2,353.20	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	\$ 2,846.20	
W2	506 \$ 759.00	606 \$ 4,848.00	42 \$ 336.00	7,048 \$ 4,228.80	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -		- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	- \$ -	2 \$ 6,400.00	\$ 16,571.80	
W3	- \$ -	250 \$ 2,000.00																				