

BID TOTALS

ITB: 0615-0-2022/RW

ROADS PAVING 2022/2023

June 29, 2022 @ 2:00 pm

BIDDER	Granite Construction	Pruhs Construction	Big Dipper Construction		
Base Bid	\$1,100,525.00	\$952,162.20	\$798,821.00		
Add Alt 1	\$33,625.00	\$48,725.00	\$18,118.00		
TOTAL	1,134,150.00	1,000,887.20	816,939.00		

BIDDER					
Base Bid					
Add Alt 1					
TOTAL					

City Of Wasilla
Capital Improvement Project Detail
Fiscal Year 2023
Through Fiscal Year 2027

Project Title:

Project Number:

(Assigned By Finance Department)

Project Description:

Department/Div.:

Ranking:

(Assigned By Administration)

Project Narrative:

This project improves existing gravel roads for future paving, improves drainage along existing roads, repairs paved road surfaces, and provides new pavement on gravel roads.



Impact on Operating Budget:

This project provides permanent repairs for drainage and failing pavement thereby eliminating the need for pumping flooded ditches and conducting pothole repairs. New pavement eliminates the need for summer time grading of gravel roads.

Project Cost Summary

Expenditure Category:

	Prior Budget	Project Expenditures To Date	Project Balance	Additions					Total CIP Cost
				Fiscal YR 2023	Fiscal YR 2024	Fiscal YR 2025	Fiscal YR 2026	Fiscal YR 2027	
Administration/OH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Land	-	-	-	-	-	-	-	-	-
Design Services	-	-	-	-	-	-	-	-	-
Engineering	-	-	-	-	-	-	-	-	-
Construction	1,240,020	1,170,020	70,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,240,020
Equipment	-	-	-	-	-	-	-	-	-
Other Services	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-
Totals	\$1,240,020	\$ 1,170,020	\$ 70,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,240,020

Funding Source Summary

Funding Sources:

	Prior Budget	Project Revenue To Date	Project Balance	Additions					Total CIP Funding
				Fiscal YR 2023	Fiscal YR 2024	Fiscal YR 2025	Fiscal YR 2026	Fiscal YR 2027	
Local:									
Operating Transfers									
General Fund	\$ 1,240,020	\$ 1,170,020	\$ 70,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	\$ 6,240,020
Totals	\$ 1,240,020	\$ 1,170,020	\$ 70,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 6,240,020

Cost Beyond 5-Year

Program:

CITY OF WASILLA
BID # 0615-0-2022/RW ADD #1

Paving 2022-23

Typical structural section is 2" thick of AC and 3" thick of D-1. All asphalt typical widths are 20 feet wide. Reconditioning width is 26 feet unless different in each individual scope. D-1 quantities are estimated at 5 feet wider than paving width to have enough for shouldering. Borrow 3" minus will be placed 6" thick minimum over the reconditioning in locations layout out by the engineer or shown on the maps. The resident gravel driveways that will get a two-foot paved wing out. The paved driveways will be cut back to a minimum as needed to facilitate proper tie in agreed upon by the engineer. Existing paved public approaches will be cut, tacked, and matched into. Cul-de-sac will be reconditioned to a 42 foot radius at 2% to drain side to side into the ditches. All quantities by the ton are estimated with a 10% contingency. Contractors will be liable for any overruns above the below listed quantities unless added work is directed by the engineer above what is listed in the below scope of work. Culverts are owner furnished and located for pick up at 191 E Centaur Avenue and will be loaded by coordination with Keith Jones #907-864-9160. Valve adjustments owner will furnish materials to raise them.

Submittals required:

- 1) Asphalt mix design
- 2) D-1 sieve analysis
- 3) Culvert certification is provided by owner (owner furnished material)
- 4) Borrow IIA 3" minus

Traffic Control will need to be control around work activities and protect the hot mat until temperatures are acceptable to the engineer to allow vehicles on the fresh mat without damaging the new pavement. COW will perform our own striping at a later date. Culvert markers will be installed by COW. Asphalt saw cutting and removal will be incidental to 401(1) & 639 activities unless stated otherwise. Asphalt removal will be taken to an approved ADEC dump site which also includes any asphalt manufacture for recycle. K&H will take asphalt off Clapp. Utilities are present and required to call in locates at 811. Work around all utilities. City has their own vac truck and with coordination will vac out the utilities for ditching, culvert installations, and valve box adjustments.

Staging of equipment will be within the COW Right of Way and will not block residential driveways. Any other private areas to stage equipment must have an agreement signed by the contractor and property owner to hold harmless any COW liability to damage to that property. Work times will be from 7am-9pm Monday through Saturday.

Contract dates will be from by the fiscal year July 1 until June 30. The contractor's CPM schedule will show a winter shutdown October 15 and restart in the spring after Memorial Day Weekend. These milestones are weather dependent and will be flexible based on climate year by year. Estimated contract amount less than \$825,000.

E. Depot Road, S. Susitna Avenue, S. Roberts Street

This is the new section of road that connects Home Depot to Susitna road. See vicinity and location maps.

This road is classified as collector road. This road has good elevation, some existing ditches and culverts. Reconditioning will be needed to establish a new 2% crown and keep any existing super elevation in the horizontal curves for a total width of 28 feet. One public approach is at Horvath and the other is the entrance into the new train depot area. One private gravel driveway. Two water valves will need to be adjusted. Ditching will be painted out by the engineer.

Traffic control will be needed and the city will accept TCP closed to through traffic on S Roberts St. E Depot Rd has daily works at the chamber of commerce that will need coordination and at the corner of E Depot Rd and S Susitna Ave there is one residence that will need coordination.

Estimated quantities: S Susitna Ave – E Depot Rd – Roberts St

Spec	Description	Units	Quantity
301(1)	Aggregate Base Course, Grading D-1	Ton	1036
303(1)	Reconditioning	Station	19.25
401(1)	Asphalt Concrete, Type II, Class B	Ton	596
603(1-18)	18 Inch CSP (Owner Furnished Matl.)	LF	40
627(10)	Adjustment of Valve Box (Owner furnish Matl.)	Each	2
639(1A)	Gravel Residence Driveway	Each	1
639(2)	Public Approach	Each	2

Creekside Dr & Creekside Ln:

Creekside Dr & Creekside Ln is located south off Glenwood off Palmer-Wasilla Extension near KGB.

This area is a residential subdivision with normal cul-de-sacs at each end. 3" minus was placed last year, ditching upgraded, and most culverts installed. Pavement will be 20 feet wide with D-1 3-foot shoulder for added walking areas. Two driveways still will require culverts. There is no sewer or water utilities on this street.

Estimated quantities: Creekside Drive & Creekside Lane

Spec	Description	Units	Quantity
301(1)	Aggregate Base Course, Grading D-1	Ton	1464
303(1)	Reconditioning	Station	25.33
303(3)	Existing culvert inlet/outlet	Each	2
401(1)	Asphalt Concrete, Type II, Class B	Ton	764
603(1-12)	12 Inch CSP (Owner Furnished Matl.)	LF	44
639(1A)	Gravel Residence Driveway	Each	25
639(1B)	Paved Residence Driveway	Each	3
639(2)	Public Approach	Each	1
639(3)	Cul-de-sac	Each	2

W Vincent Cir:

W Vincent Circle is located off N Lucille Street just up from W Nelson Ave before W Spruce Ave. See location maps.

This is a typical residential road with normal cul-de-sac. W Vincent Circle will have a 6" lift of D-1 from the cul-de-sac back past the new placement of the culverts. Some existing culverts have buried ends and about 2 driveways need culverts that have old culverts completely buried and not aligned.

Estimated quantities: W Vincent Circle

Spec	Description	Units	Quantity
202(4)	Removal of Culvert Pipe	LF	40
301(1)	Aggregate Base Course, Grading D-1	Ton	342
303(1)	Reconditioning	Station	3.65
303(2.1)	Ditching (major)	LF	60
303(3)	Existing culvert inlet/outlet	Each	2
401(1)	Asphalt Concrete, Type II, Class B	Ton	128
603(1-12)	12 Inch CSP (Owner Furnished Matl.)	LF	60
639(1A)	Gravel Residence Driveway	Each	6
639(3)	Cul-de-sac	Each	1

E. Northstar Cir:

E. Northstar Circle is located off Wasilla-Fishhook just before Peck and Spruce intersection. See location maps.

This road is a typical residential road dead end with cul-de-sac. E Northstar Circle has two areas for the Borrow IIA to be lifted at first by 6-inches starting at address 1101 driveway then final by 12-inches including the cul-de-sac. Ditching will be major ditching, excavated and hauled off. Mailbox will be reconditioned to meet existing grade. There are no sewer or water utilities on this street.

Estimated quantities: E. Northstar Circle

Spec	Description	Units	Quantity
203(18)	Borrow, Type IIA	Ton	315
301(1)	Aggregate Base Course, Grading D-1	Ton	471
303(1)	Reconditioning	Station	8.10
303(2.2)	Ditching (major)	LF	525
401(1)	Asphalt Concrete, Type II, Class B	Ton	253
603(1-12)	12 Inch CSP (Owner Furnished Matl.)	LF	120
639(1A)	Gravel Residence Driveway	Each	7
639(1B)	Paved Residence Driveway	Each	1
639(3)	Cul-de-sac	Each	1

N. Wampan Cir:

N. Wampan Circle is located off Wasilla-Fishhook just before E. Northstar Circle. See location maps.

This road is a typical residential road dead end with cul-de-sac. Note; the cul-de-sac is not shown on the mat-su parcel viewer but a plat is in the documents attached to the bid. N. Wampan Circle has reconditioning to 24' wide. The last 190 feet will be 12"-18" fill Borrow IIA lifting the cul-de-sac area. Where will be 8 driveway culverts installed, see map for addresses and lengths. There are water utilities on this street, no sewer utilities.

Estimated quantities: N. Wampan Circle

Spec	Description	Units	Quantity
203(18)	Borrow, Type IIA	Ton	470
301(1)	Aggregate Base Course, Grading D-1	Ton	299
303(1)	Reconditioning	Station	4.90
401(1)	Asphalt Concrete, Type II, Class B	Ton	163
603(1-12)	12 Inch CSP (Owner Furnished Matl.)	LF	278
627(10)	Adjustment of Valve Box (Owner Furnished Matl.)	Each	2
639(1A)	Gravel Residence Driveway	Each	7
639(1B)	Paved Residence Driveway	Each	2
639(3)	Cul-de-sac	Each	1

N. Injun Joe Cir:

It is located just east of N Wampan Cir off E. Blind Nick Drive.

N Injun Joe Circle a residential dead end road with cul-de-sac. Note; the cul-de-sac is not shown on the mat-su parcel viewer but a plat is in the documents attached to the bid. Borrow IIA lift is the last about 190 feet, will be laid out by engineer. 11 driveway culverts and one under the existing mail box. Mailbox will need adjusting grade. It is on a slab of concrete that can be lifted out of the way culvert placed and replaced. This work is captured under 202(1) Removal of Structure and Obstruction lump sum. Four driveway culverts get installed. There are water utilities on this street, no sewer utilities.

Estimated quantities: N. Injun Joe Circle

Spec	Description	Units	Quantity
202(1)	Removal of Structures and Obstructions	LS	1
203(18)	Borrow, Type IIA	Ton	600
301(1)	Aggregate Base Course, Grading D-1	Ton	358
303(1)	Reconditioning	Station	6.00
303(2.2)	Ditching (major)	LF	675
401(1)	Asphalt Concrete, Type II, Class B	Ton	194
603(1-12)	12 Inch CSP	LF	380
627(10)	Adjustment of Valve Box (Owner Furnished Matl.)	Each	4
639(1A)	Gravel Residence Driveway	Each	8
639(1B)	Paved Residence Driveway	Each	3
639(3)	Cul-de-sac	Each	1

N. Hoka Hay Cir:

N. Hoka Hay Circle is located just east of N Injun Joe Cir off E. Blind Nick Drive. See location maps.

N. Hoka Hay Circle a residential dead end road with cul-de-sac. From the intersection of Blink Nick the road gets lifted in two location to help channel flow and create ditches. Mailbox will need adjusting grade. It is on a slab of concrete that can be lifted out of the way culvert placed and replaced. This work is captured under 202(1) Removal of Structure and Obstruction lump sum. Borrow II A from the approach will be a 9" lift for 190 feet then 6" lift to just before the cul-de-sac. There are water utilities on this street, no sewer utilities.

Estimated quantities: N. Hoka Hay Circle

Spec	Description	Units	Quantity
202(1)	Removal of Structures and Obstructions	LS	1
203(18)	Borrow, Type IIA	Ton	615
301(1)	Aggregate Base Course, Grading D-1	Ton	299
303(1)	Reconditioning	Station	4.90
401(1)	Asphalt Concrete, Type II, Class B	Ton	163
603(1-12)	12 Inch CSP	LF	250
627(10)	Adjustment of Valve Box (Owner Furnished Matl.)	Each	1
639(1A)	Gravel Residence Driveway	Each	7
639(1B)	Paved Residence Driveway	Each	5
639(3)	Cul-de-sac	Each	1

N. Indian Hill Dr:

It is located just east of Hoka Hay Cir and across E. Blind Nick Drive to the north. See location maps.

N. Indian Hill Drive a residential road dead end with cul-de-sac. Four driveway culverts get installed. Major ditching will create the 2.5 foot deep ditches. There are water utilities on this street, no sewer utilities.

Estimated quantities: N. Indian Hills Drive

Spec	Description	Units	Quantity
203(18)	Borrow, Type IIA	Ton	485
301(1)	Aggregate Base Course, Grading D-1	Ton	210
303(1)	Reconditioning	Station	3.25
303(2.2)	Ditching (major)	LF	545
401(1)	Asphalt Concrete, Type II, Class B	Ton	117
603(1-12)	12 Inch CSP	LF	160
627(10)	Adjustment of Valve Box (Owner Furnished Matl.)	Each	1
639(1A)	Gravel Residence Driveway	Each	4
639(1B)	Paved Residence Driveway	Each	2
639(3)	Cul-de-sac	Each	1

W. Lake Lucille Drive:

West Lake Lucille Drive is a dead end residential road. This phase is 2,200 lineal feet.

Clearing and grubbing will be required 15' wide by about 1,100 feet on east side and 10' wide by about 575 feet. Disposal of grubbing will be on COW property 2080 & 2101 off W Upper Road. Removal of pavement 20'x30' by the mailbox to help taper in approach into the existing mailbox grade. Major ditching from where the ROW widens on the west side to south property pin of address 1911. East side from south property pin of 1850 to 2000 south property pin. All excavation can be placed in ROW for W Upper Rd improving our access to the waterline that runs on the back of the properties there and over to the Menard. W Lake Lucille Drive past 2000 gets 6" lift with Borrow 3" minus about 530 lineal feet down over the creek area. Three driveways need culverts that will be required by property owners without driveway permits. One culvert will be required at 1991 with about 200 feet of ditching inlet and outlet there heading toward the creek area. There are sewer utilities on this stretch.

Estimated quantities: W Lake Lucille Drive

Spec	Description	Units	Quantity
201(3A)	Clearing and Grubbing	Acre	0.52
202(2)	Removal of Pavement	SY	67
203(18)	Borrow, Type IIA	Ton	500
301(1)	Aggregate Base Course, Grading D-1	Ton	1184
303(1)	Reconditioning	Station	22.00
303(2.1)	Ditching (major)	LF	1870
401(1)	Asphalt Concrete, Type II, Class B	Ton	605
603(1-12)	12 Inch CSP	LF	30
627(10)	Adjustment of Valve Box (Owner Furnished Matl.)	Each	2
639(1A)	Gravel Residence Driveway	Each	12
639(1B)	Paved Residence Driveway	Each	2

Additive Alternative #1 – Carpenter Circle Left turn lane:

This road is a residential street with elementary school traffic located off Wasilla Fishhook. It is the main entrance for Iditarod elementary school. Work area is approximately 400 feet.

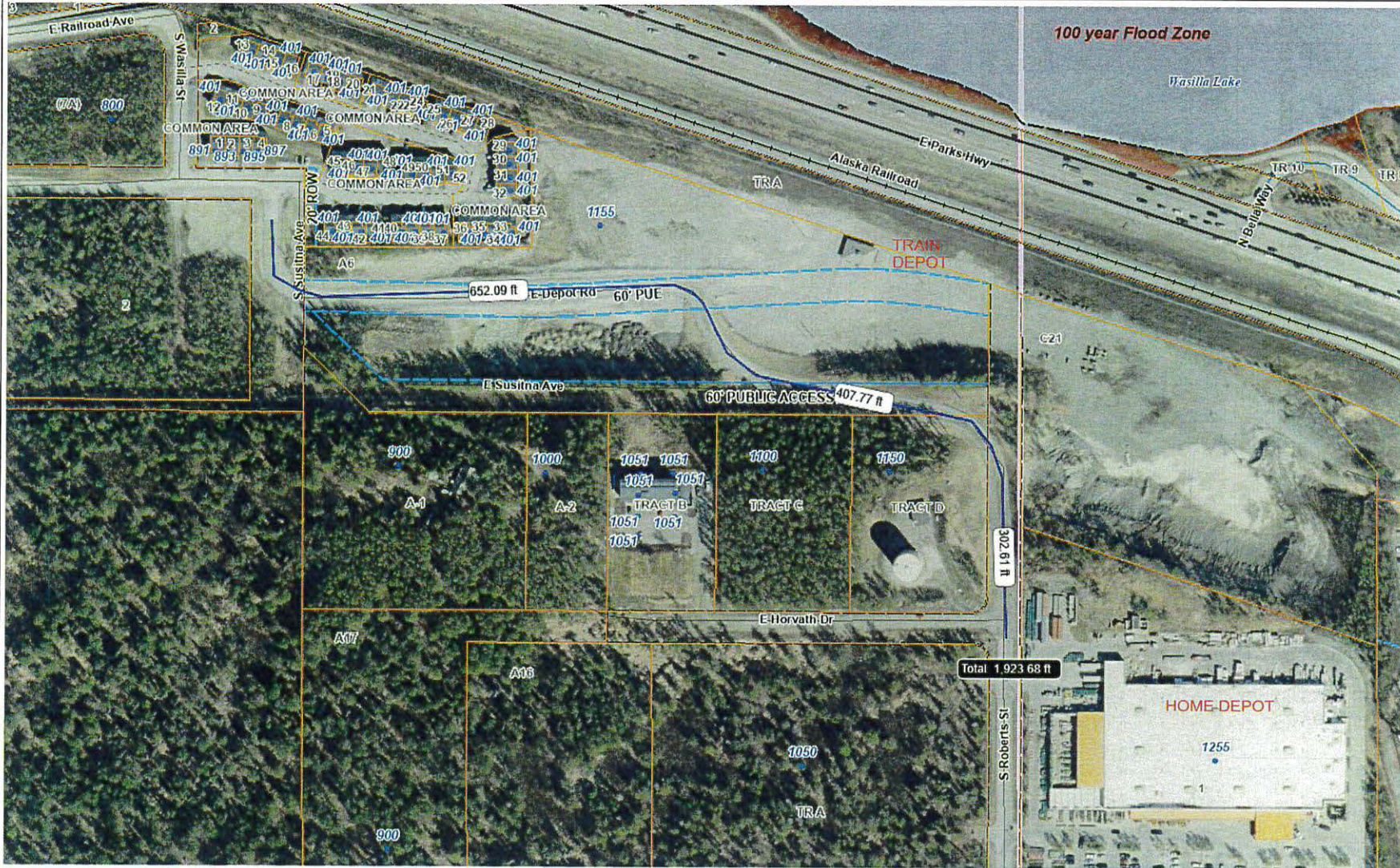
This is shoulder widening construction with grubbing on the existing shoulder, borrow A base built up with top borrow IIA, then D-1 and asphalt. Grubbing can remain at toe of slope and be placed over slope to finish it. No seeding required. Both sides will need 10 foot 24" CMP extensions on an existing cross culvert. City of Wasilla will do the striping.

Estimated quantities: Carpenter Circle Left turn lane

Spec	Description	Units	Quantity
201 (2B)	Grubbing	LS	1
203(18)	Borrow, Type A	Ton	150
203(18)	Borrow, Type IIA	Ton	75
301(1)	Aggregate Base Course, Grading D-1	Ton	65
401(1)	Asphalt Concrete, Type II, Class B	Ton	25
603(1-24)	24 Inch CSP	LF	20
639(2)	Public Approach	Each	1



S Roberts St, E Depot Rd, E Susitna Ave



100 year Flood Zone

Vasilla Lake

Alaska Railroad

E Parks Hwy

TR-10

TR-9

N Belding Way

TRAIN DEPOT

652.09 ft E-Depot Rd 60' PUE

60' PUBLIC ACCESS 407.77 ft

900

1000

1051

1100

1150

A-1

A-2

TRACT B

TRACT C

TRACT D

E Horvath Dr

A-17

A-18

1050

TRA

302.61 ft

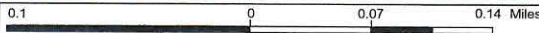
Total 1,923.68 ft

HOME-DEPOT

1255

Reconditioning 28' wide
D-1 26' wide
Paving 22' wide

1:4,514



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Notes
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E Creekside Dr & E Creekside Ln



P - Paved DW 3 EA
 G - Gravel DW 25 EA

12" CMP
 701 - 20 LF
 651 - 24 LF
 TOTAL - 44LF

DW - Driveway
 MF - multi-family
 C - Commercial
 S - Single family
 P - Paved
 G - Gravel

1:9,028



0.3 0 0.14 0.28 Miles

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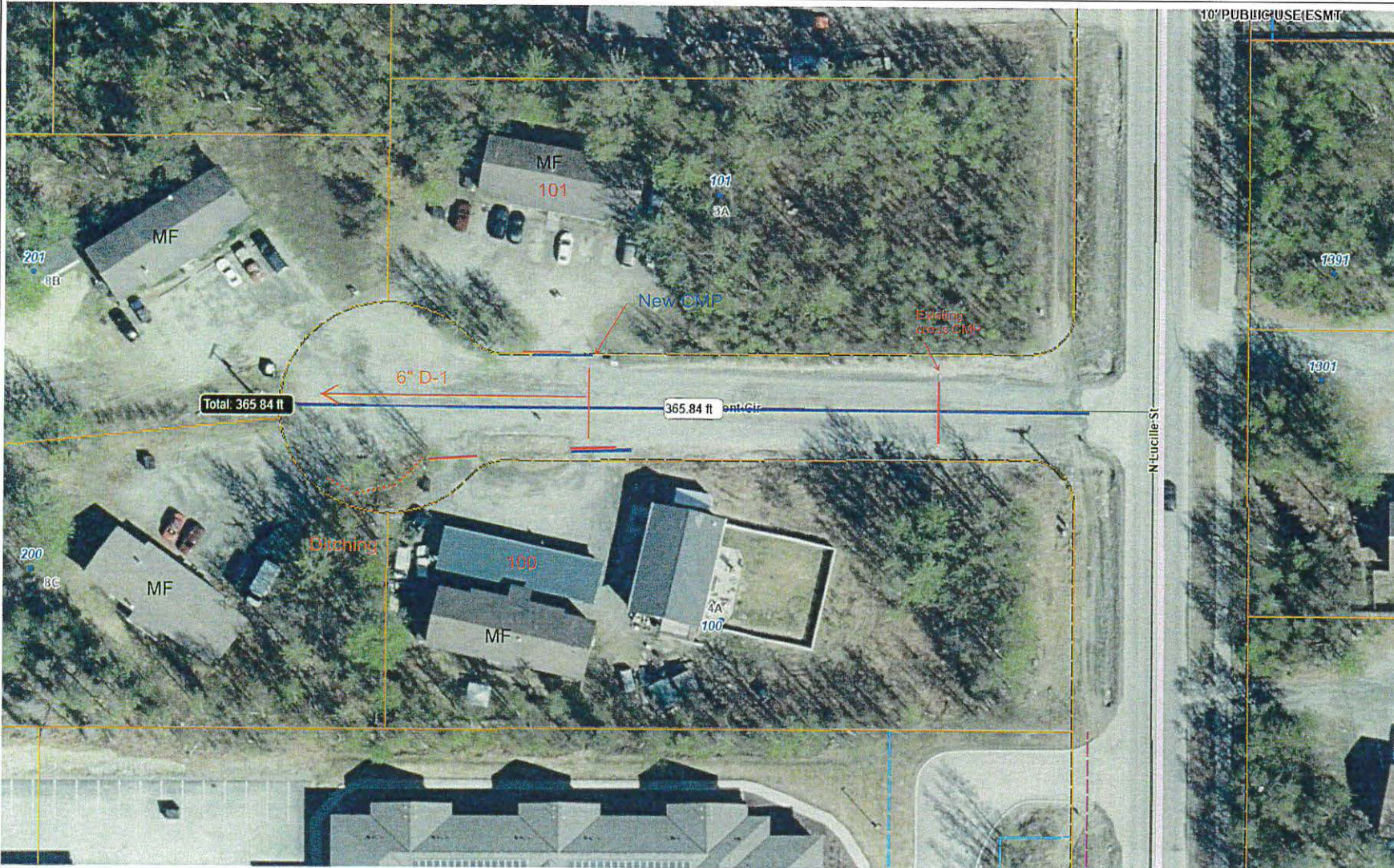
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W Vincent Cir

By: Robert L Walden, PE



101
 20LF Remove CMP
 30LF Place CMP

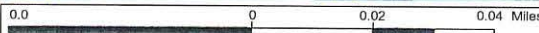
100
 20LF Remove CMP
 30LF Place CMP
 2 Ea Inlet/Outlet
 cleaning back 2'

D-1 increase to 6"
 lift the culdesac and
 tie in the existing DW

GMF-Gravel DW 6 EA
 Ditching 60 LF

DW - Driveway
 MF - multi-family
 C - Commercial
 S - Single family
 P - Paved
 G - Gravel

1: 1,128



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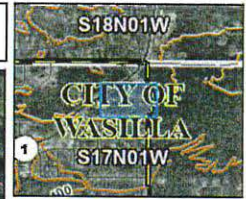
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E Northstar Cir

810 LF



12" CMP
 1051 30 LF
 1101 30 LF
 1151 30 LF
 1150 30 LF
TOTAL 120 LF
 4 bands

Major ditching
 525 LF

Borrow IIA lift
 315 Tons

1 : 2257



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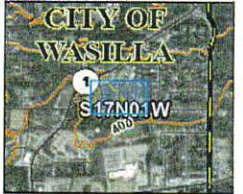
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Notes



N Wampam Cir, N Injun Joe Cir, N Hoka Hay Cir

By: Robert L Walden, PE



Wampam: 490 LF
MFP - DW 2EA
MFG - DW 3EA
SG - DW 4EA

12" CMP
 1200 - 40LF
 1201 - 30LF
 1246 - 30LF
 1245 - 25&25 LF
 1270 - 24LF
 1275 - 24LF
 1290 - 40LF
 1291 - 40 LF
TOTAL - 278LF

Hoka Hay: 490LF
MFP - DW 5EA
MFG - DW 3EA
SG - DW 4EA

12" CMP
 850 - 40 LF
 MB - 30 LF
 1270 - 25&25 LF
 1265 - 24 LF
 1245 - 40 LF
 1246 - 30 LF
 1243 - 30 LF
TOTAL - 250 LF

Injun Joe: 600 LF
MFP - DW 2EA
MFG - DW 7EA
SG - DW 1EA
SP - DW 1EA

12" CMP
 1300 - 40LF
 MB - 30LF
 1290 - 40LF
 1291 - 25&25LF
 1270 - 25&25LF
 1275 - 30LF
 1245 - 30LF
 1246 - 30LF
 1201 - 40LF
 1200 - 40LF
TOTAL - 380LF

DW - Driveway
 MF - multi-family
 C - Commercial
 S - Single family
 P - Paved
 G - Gravel
 MB - Mailbox

1 : 2257

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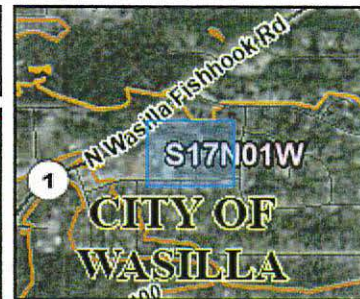
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Notes



N Indian Hill Cir

325 LF + Culdesac area



PMF -Paved DW 2 EA
 GMF -Gravel DW 4 EA

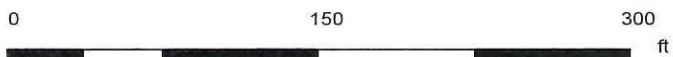
12" CMP
 1340 - 40 LF
 1345 - 40 LF
 1380 - 40 LF
 1355 - 40 LF
 TOTAL - 160LF

DW - Driveway
 MF - multi-family
 C - Commercial
 S - Single family
 P - Paved
 G - Gravel

1 : 2257



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Notes



W Lake Lucille Drive



Scale: 1:9,028

0.3 0 0.14 0.28 Miles

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Notes

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P -Paved DW 2 EA
 G -Gravel DW 12 EA

Culvert required by owner
 1900/1950
 2000/2050
 2011

Culvert to be installed
 1991 - 30LF

DW - Driveway
 MF - multi-family
 C - Commercial
 S - Single family
 P - Paved
 G - Gravel
 MB - Mail box

1:4,514

0.1 0 0.07 0.14 Miles

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Borrow IIA 530 LF

1:4,514

0.1 0 0.07 0.14 Miles

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Notes

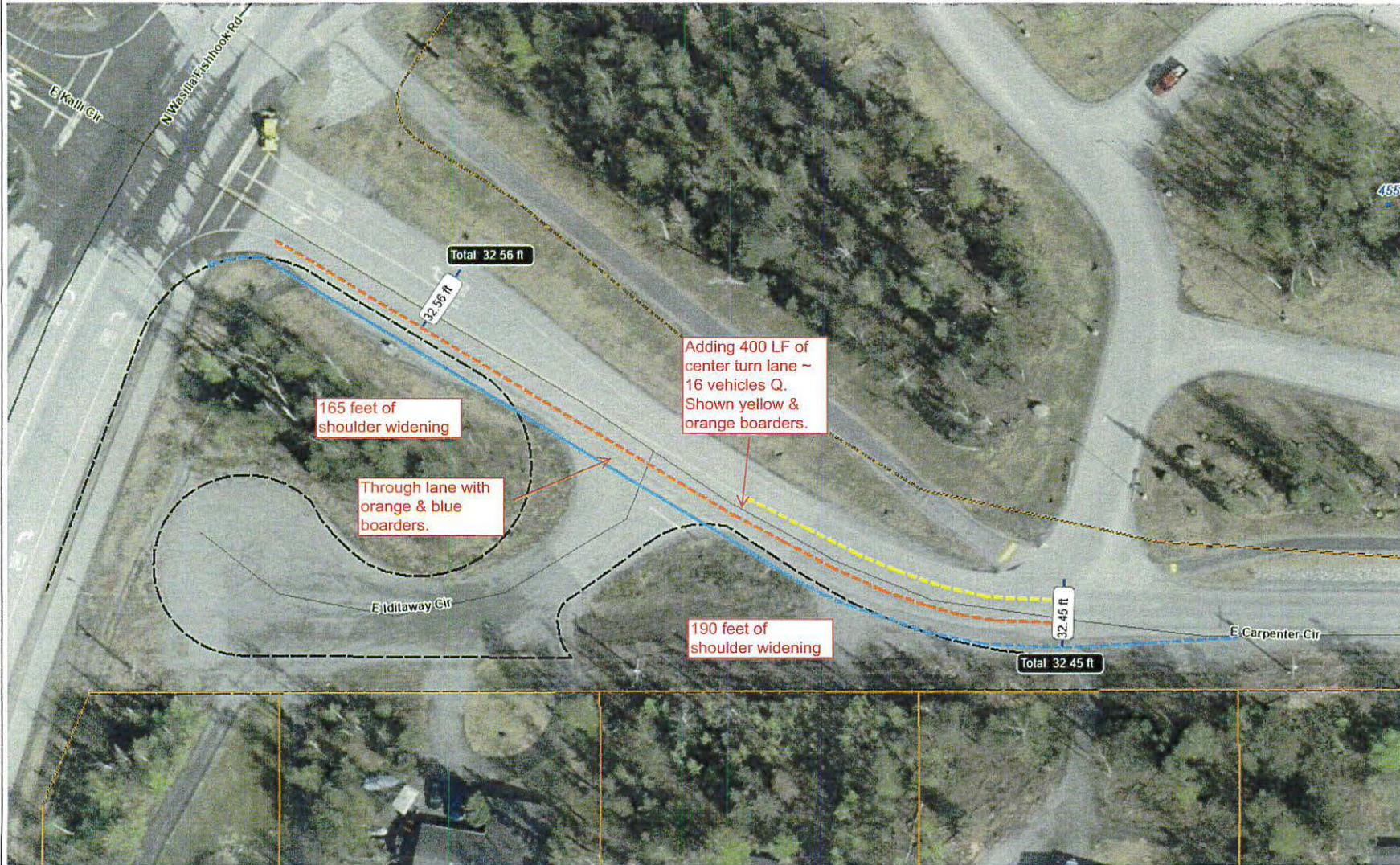
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9/22/2021

Carpenter Cir Iditarod turn lane

By: Robert L Walden, PE



- Legend**
- Road Mileposts
 - Roads**
 - Highway
 - Major Road
 - Medium Road
 - Minor Road
 - Ramp
 - Primitive Road
 - Private Road
 - Alaska Railroad
 - ▭ Mat-Su Borough Boundary
 - ▭ Incorporated Cities
 - Address Numbers
 - ▭ Parcels
 - Government Lot Lines**
 - ROW and Easements**
 - ROW Road
 - ROW RR
 - ROW Easement
 - Section line easement
 - ▭ Lakes and Rivers
 - ▭ Streams
 - ▭ 100 year Flood Zone
 - ▭ Section Lines

1: 1,128



0.0 0 0.02 0.04 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere
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