

Engineering Answers

10909 Mill Valley Road, Suite 100 • Omaha, NE 68154-3950 P 402.895.4700 • F 402.895.3599 www.eacq.com

Dear Homeowner:

The SID has contracted concrete work to be done on the streets in your SID. A contractor will be on site to do work which includes removing the existing concrete that is damaged and replacing it with new pavement.

Throughout the course of this project, there could be some minimal damage done to yards and or sprinkler systems. The contractor that is on site will be responsible for replacing any damaged sprinkler lines and/or heads. They will also be replacing any sod that is torn up while on site. Once the new sod is laid, it will be the responsibility of the homeowner at each lot to water the new sod until it has re-established itself.

Before starting the work on site, each contractor must put in a call and have all the utilities in the area located. You might notice some areas in your yard that have been flagged and/or spray painted. This does not indicate the area in which they will be working. It is just to give them an idea of what kind of utilities are in the area that could possibly be hit while the contractor is on site working.

All work that is completed in public Right-of-Way and follow City of Omaha and Sarpy County specifications.

The work in your SID should not take longer than 30 days to complete. Please let me know if you have any questions or concerns on this at all.

Thank You.

Katlyn Bradfield

Construction Administrative Technician

Engineering Answers...to improve our communities

E & A Consulting Group, Inc.

10909 Mill Valley Road, Suite 100 • Omaha, NE 68154

402.895.4700 (o)

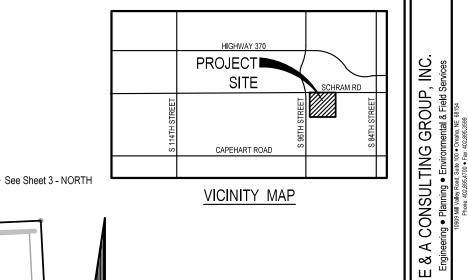
eacg.com



SUMMIT RIDGE

2024 STREET RECONSTRUCTION

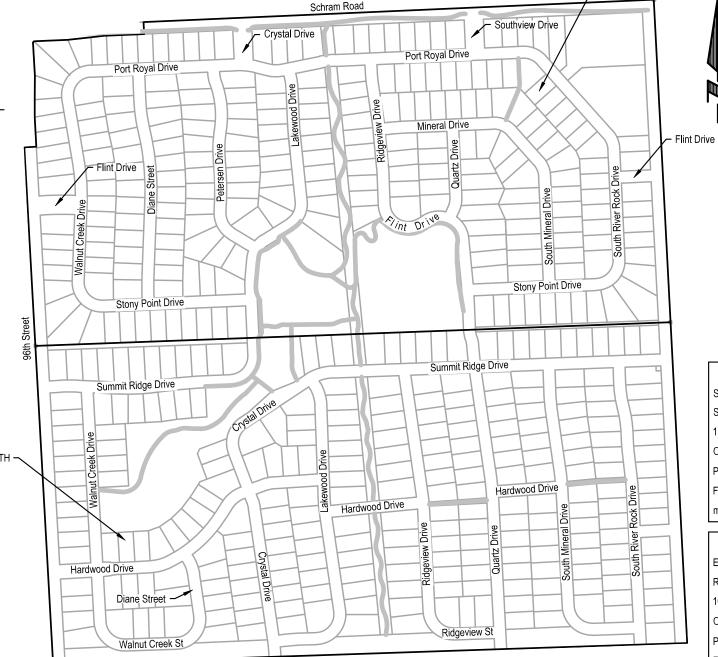
SID NO. 245 SARPY COUNTY, NEBRASKA



APPROXIMATE BID QUANTITIES

| ITEM | DESCRIPTION | QUANTITY | UNIT |
|------|--|----------|------|
| 1 | CONCRETE PAVEMENT REPAIR, LARGE AREA | 635 | SY |
| 2 | CONCRETE PAVEMENT REPAIR, SMALL AREA | 582 | SY |
| 3 | FULL DEPTH SAW CUT EXISTING PAVEMENT | 1,650 | LF |
| 4 | ADJUST WATER VALVE TO GRADE | 1 | EA |
| 5 | ADJUST MANHOLE TO GRADE | 4 | EA |
| 6 | REMOVE AND REPLACE PCC SIDEWALK | 656 | SF |
| 7 | REMOVE AND REPLACE PCC CURB RAMP | 365 | SF |
| 8 | REMOVE AND REPLACE IMPRINTED SURFACE | 144 | SF |
| 9 | CONSTRUCT DETECTABLE WARNING PANEL (9 locations) | 84 | SF |
| 10 | REMOVE AND REPLACE FAULTY SUBGRADE | 25 | TN |
| 11 | ADJUST SPRINKLER (AS NEEDED) | 7 | EA |

See Sheet 4 - SOUTH -



INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|------------------|
| 1 | COVER |
| 2 | DETAILS |
| 3 | NORTH |
| 4 | SOUTH |
| 5 | TOTAL QUANTITIES |

COMPOSITE MAP



APPLICANT

SID # 245 Scott Oswald, Chairman 11440 West Center Road, Ste. C Omaha, NE 68114 P: 402.334.0700 F: 402.334.0815 mjohnson@fdjlaw.com

INSPECTOR

E & A Consulting Group, Inc. Randall L. Pierce, P.E. 10909 Mill Valley Road, Suite 100 Omaha, NE 68154 P: 402.895.4700 F: 402.895.3599 rpierce@eacg.com

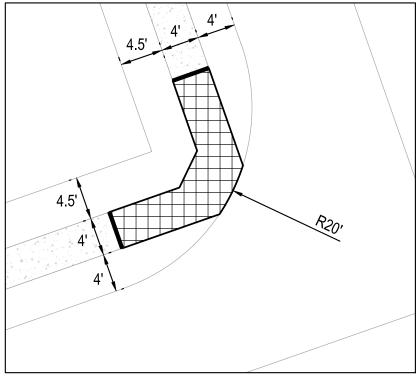
DESIGNER

E & A Consulting Group, Inc Teresa Wooten, P.E. 10909 Mill Valley Road, Suite 100 Omaha, NE 68154 P: 402.895.4700 F: 402.895.3599 twooten@eacg.com

CONTRACTOR

SUMMIT RIDGE 2024 STREET RECONSTRUCTION SID 245





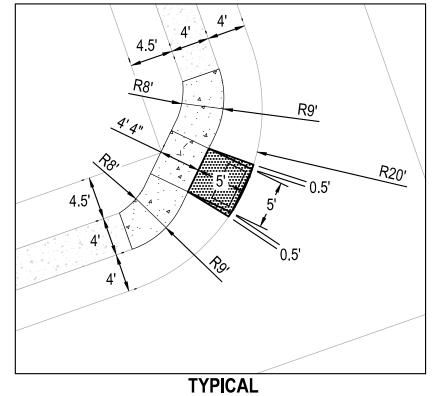
TYPICAL

CURB RAMP AND SIDEWALK REMOVAL

SCALE 1" = 10'

CONCRETE REMOVAL PER LOCATION = ± 99 FT²

FULL DEPTH SAWCUT PER LOCATION = 8 L.F.



CURB RAMP AND SIDEWALK CONSTRUCTION SCALE 1" = 10'



CONSTRUCT CURB RAMP PER LOCATION = ± 30 FT²



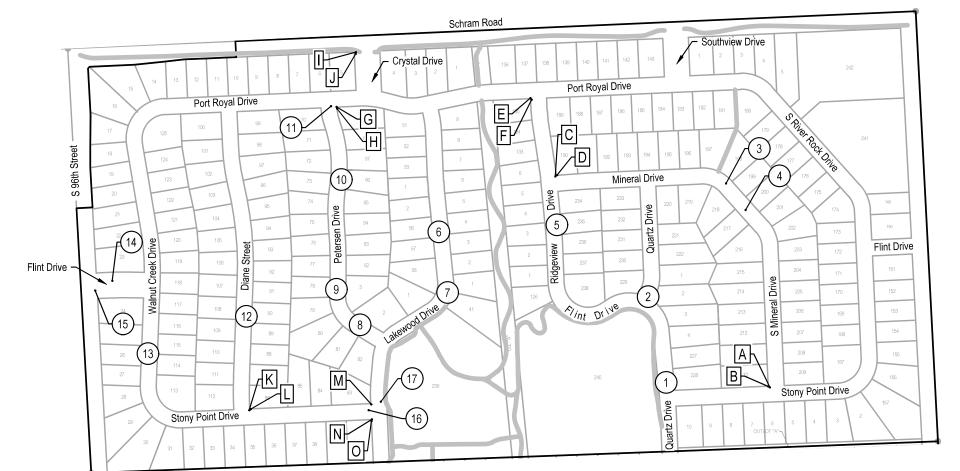
CONSTRUCT SIDEWALK PER LOCATION = ± 80 FT²

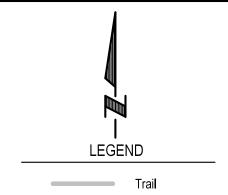


DETAILS
RECONSTRUCTION
SID 245
SARPY COUNTY, NEBRASKA
4.2:51 PM K:\Projects\\2003\\019\\p22\\Engineering\\CAD Files\\Paving\\Sammit Ridge 2024 Street Reconstruction-00

E & A CONSULTING GROUP, INC.



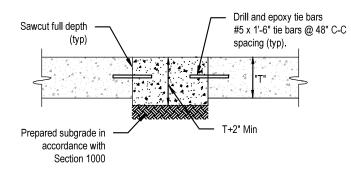




| E & A CONSULTING GROUP, INC. Engineering • Planning • Environmental & Field Services T10809 MR Valley Read Sule; 100 • Ormana, NE 68154 Phone 4.022865.4700 • Tex. 47.02895.5399 www.weespoon | | D Trail | EGEN | LE | _ | | |
|---|--------------------------------|-------------|-------|-------|-------|-----------|-------------|
| g • Plan | ION | STRUC | ECON | ET R | STREE | 2024 | |
| & A C | NOTES | EST S.F. | IMEN. | OX. D | APPR | TYPE | AREA NO. |
| ш ш | ADA Plate - Cast Iron | 27.5 | 5.0 | х | 5.5 | Curb Ramp | А |
| | Adjust Sprinkler (as needed) | 85.0 | 20.0 | х | 4.3 | Sidewalk | В |
| | ADA Plate - Cast Iron | 27.5 | 5.0 | х | 5.5 | Curb Ramp | С |
| INC. | Adjust Sprinkler (as needed) | 85.0 | 20.0 | х | 4.3 | Sidewalk | D |
| E & A CONSULTING GROUP, INC. | ADA Plate - Cast Iron | 27.5 | 5.0 | х | 5.5 | Curb Ramp | Е |
| CONSULTING GROUP, | Adjust Sprinkler (as needed) | 85.0 | 20.0 | х | 4.3 | Sidewalk | F |
| CONSU | ADA Plate - Cast Iron | 27.5 | 5.0 | х | 5.5 | Curb Ramp | G |
| E & A | Adjust Sprinkler (as needed) | 85.0 | 20.0 | х | 4.3 | Sidewalk | Н |
| | ADA Plate - Cast Iron (2'x10') | 56.0 | 14.0 | х | 4.0 | Curb Ramp | |
| | Adjust Sprinkler (as needed) | 130.0 | 20.0 | х | 6.5 | Sidewalk | J |
| | ADA Plate - Cast Iron | 27.5 | 5.0 | х | 5.5 | Curb Ramp | К |
| T RIII TRU TRU | Adjust Sprinkler (as needed) | 85.0 | 20.0 | х | 4.3 | Sidewalk | L |
| SUMMIT RIDGE 2024 STREET ECONSTRUCTION SID 245 | Adjust Water Valve | 16.0 | 4.0 | х | 4.0 | Sidewalk | М |
| SUMMIT RIDGE 2024 STREET RECONSTRUCTION SID 245 | ADA Plate - Cast Iron | 27.5 | 5.0 | х | 5.5 | Curb Ramp | N |
| | Adjust Sprinkler (as needed) | 85.0 | 20.0 | х | 4.3 | Sidewalk | 0 |

| | | | 20 | 24 STRE | ET | RECONS | TRUCTION | | |
|-------------|--------------|-----------------|--------------|---------|----|--------|------------------------|-----------------------|-------|
| AREA NO. | NO. POURS | SAW CUT L.F. | CURB L.F. | WIDTH | Х | LENGTH | LARGE AREA EST S.Y. | SMALL AREA EST S.Y | NOTES |
| 1 | 2 | 51 | 28 | 25.5 | х | 14.0 | | 39.7 | |
| 2 | 1 | 36 | 10 | 12.8 | х | 10.0 | | 14.2 | |
| 3 | 1 | 55 | 1 | 12.8 | х | 15.0 | | 21.3 | |
| 4 | 1 | 41 | 15 | 12.8 | х | 15.0 | | 21.3 | |
| 5 | 2 | 56 | 30 | 12.8 | х | 30.0 | | 42.5 | |
| 6 | 2 | 51 | 20 | 25.5 | х | 10.0 | | 28.3 | |
| 7 | 2 | 87 | 38 | 12.8 | х | 36.0 | 51.0 | | |
| | | | | 12,8 | х | 24.0 | 34.0 | | |
| 8 | 2 | 51 | 60 | 25.5 | х | 30.0 | 85.0 | | |

| | | | 20 | 24 STRE | EET | RECONS | TRUCTION | | |
|-------------|--------------|-----------------|--------------|---------|-----|--------|------------------------|-----------------------|----------------|
| AREA NO. | NO. POURS | SAW CUT L.F. | CURB L.F. | WIDTH | Х | LENGTH | LARGE AREA EST S.Y. | SMALL AREA EST S.Y | NOTES |
| 9 | 2 | 51 | 36 | 25.5 | х | 18.0 | | 51.0 | Adjust Manhole |
| 10 | 2 | 51 | 50 | 25.5 | х | 25.0 | 70.8 | | Adjust Manhole |
| 11 | 1 | 37 | 13 | 13.0 | х | 12.0 | | 17.3 | |
| 12 | 1 | 51 | 25 | 12.8 | х | 25.0 | | 35.4 | |
| 13 | 2 | 58 | 32 | 12.8 | х | 32.0 | | 45.3 | |
| 14 | 1 | 39 | | 12.8 | х | 13.0 | | 18.4 | |
| 15 | 1 | 80 | | 12.0 | х | 28.0 | | 37.3 | |
| 16 | 2 | 51 | 24 | 25.5 | х | 12,0 | | 34.0 | |
| 17 | 1 | 47 | 15 | 12.8 | х | 18.0 | | 25.5 | |

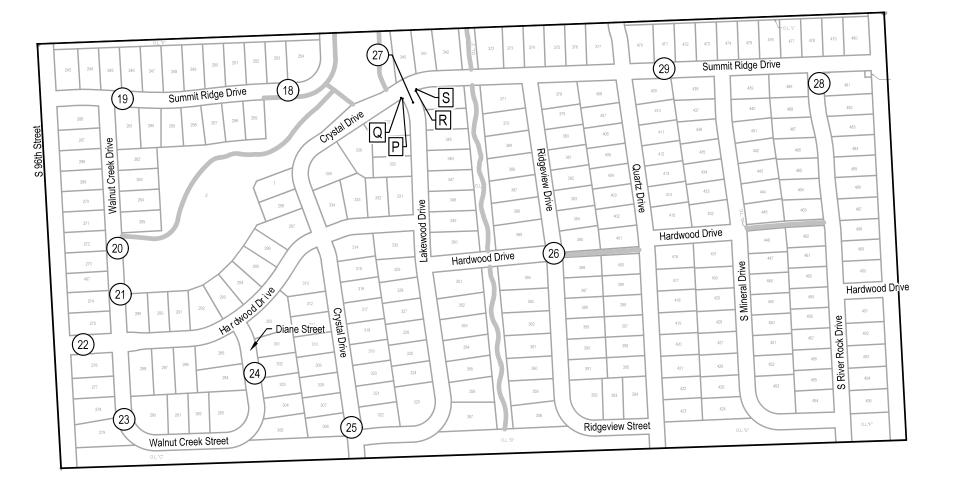


SMALL AREA CONCRETE PAVEMENT REPAIR DETAIL NOT TO SCALE



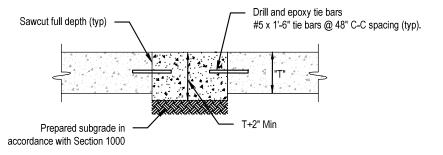
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|--|-------------|---------------|------|---------------|-------|------------------------|
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| edey. Tuww by | Date: | 3/14/2024 | Date | Description | | |
| 8 of 6 sica Brown 3/14/2024 2:51 PM | Designed By | | | | | i |
| ssica Brown 3/14/2024 2:51 PM | Drawn By: | JMB | | | | E XOX |
| 3 of 6 3 | Scale: | 1" = 300" | | | | |
| 3/14/2024 2:51 PM | Sheet: | 3 of 6 | | | | |
| | Jessic | sa Brown | , , | 3/14/2024 2:5 | 51 PM | K:\Projects\2003\019\p |





| | | | 20 | 24 STRE | EET | RECONS | TRUCTION | | |
|-------------|--------------|-----------------|--------------|---------|-----|--------|------------------------|-----------------------|----------------|
| AREA NO. | NO. POURS | SAW CUT L.F. | CURB L.F. | WIDTH | Х | LENGTH | LARGE AREA EST S.Y. | SMALL AREA EST S.Y | NOTES |
| 18 | 2 | 42 | 60 | 25.5 | х | 30.0 | 85.0 | | |
| | | | | 12.8 | х | 15,0 | 21.3 | | |
| 19 | 1 | 50 | | 12.8 | х | 12.0 | | 17.0 | |
| 20 | 1 | 41 | 15 | 12.8 | х | 15,0 | | 21,3 | |
| 21 | 1 | 41 | 15 | 12.8 | х | 15.0 | | 21.3 | |
| 22 | 2 | 51 | 50 | 25.5 | х | 25.0 | 70.8 | | Adjust Manhole |
| 23 | 2 | 179 | 63 | 12.8 | х | 108.0 | 153.0 | | |
| 24 | 1 | 41 | 15 | 12.8 | х | 15.0 | | 21,3 | |
| 25 | 1 | 41 | 15 | 12.8 | х | 15.0 | | 21.3 | |
| 26 | 1 | 30 | 14 | 7.5 | х | 7.5 | | 6.3 | Adjust Manhole |
| 27 | 1 | 56 | | 12.8 | х | 15.0 | | 21.3 | |
| 28 | 1 | 42 | 14 | 12.8 | х | 15.0 | | 21.3 | |
| 29 | 2 | 41 | 45 | 25.5 | х | 15.0 | 42.5 | | |
| | | | | 12.8 | х | 15.0 | 21.3 | | |

| | 2024 S | TREE | ΓRE | CONS | TRUCT | ION |
|-------------|-------------------|------|-------|-------|-------------|-----------------------|
| AREA NO. | TYPE | APPR | OX. [| IMEN. | EST S.F. | NOTES |
| Р | Curb Ramp | 6.0 | х | 12.0 | 72.0 | ADA Plate - Cast Iron |
| Q | Imprinted Surface | 6.0 | х | 12.0 | 72.0 | |
| R | Curb Ramp | 6.0 | х | 12.0 | 72.0 | ADA Plate - Cast Iron |
| S | Imprinted Surface | 6.0 | х | 12.0 | 72.0 | |



SMALL AREA CONCRETE PAVEMENT REPAIR DETAIL NOT TO SCALE



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LEGEND

Trail

C•3

SUMMIT RIDGE 2024 STREET RECONSTRUCTION



| | | | 20 | 24 STRE | ET | RECONS | TRUCTION | | |
|-------------|--------------|-----------------|--------------|---------|----|--------|------------------------|-----------------------|----------------|
| AREA NO. | NO. POURS | SAW CUT L.F. | CURB L.F. | WIDTH | Х | LENGTH | LARGE AREA EST S.Y. | SMALL AREA EST S.Y | NOTES |
| 1 | 2 | 51 | 28 | 25.5 | х | 14.0 | | 39.7 | |
| 2 | 1 | 36 | 10 | 12.8 | х | 10.0 | | 14.2 | |
| (3) | 1 | 55 | 1 | 12.8 | х | 15.0 | | 21.3 | |
| 4 | 1 | 41 | 15 | 12.8 | х | 15.0 | | 21.3 | |
| (5) | 2 | 56 | 30 | 12.8 | х | 30.0 | | 42.5 | |
| (6) | 2 | 51 | 20 | 25.5 | х | 10.0 | | 28.3 | |
| 7 | 2 | 87 | 38 | 12.8 | х | 36.0 | 51.0 | | |
| | | | | 12.8 | х | 24.0 | 34.0 | | |
| 8 | 2 | 51 | 60 | 25.5 | х | 30.0 | 85.0 | | |
| 9 | 2 | 51 | 36 | 25.5 | х | 18.0 | | 51.0 | Adjust Manhole |
| (10) | 2 | 51 | 50 | 25.5 | х | 25.0 | 70.8 | | Adjust Manhole |
| (11) | 1 | 37 | 13 | 13.0 | х | 12.0 | | 17.3 | |
| (12) | 1 | 51 | 25 | 12.8 | х | 25.0 | | 35.4 | |
| (13) | 2 | 58 | 32 | 12.8 | х | 32.0 | | 45.3 | |
| (14) | 1 | 39 | | 12.8 | х | 13.0 | | 18.4 | |
| (15) | 1 | 80 | | 12.0 | х | 28.0 | | 37.3 | |
| (16) | 2 | 51 | 24 | 25.5 | х | 12.0 | | 34.0 | |
| (17) | 1 | 47 | 15 | 12.8 | х | 18.0 | | 25.5 | |
| (18) | 2 | 42 | 60 | 25.5 | х | 30.0 | 85.0 | | |
| | | | | 12.8 | х | 15.0 | 21.3 | | |
| (19) | 1 | 50 | | 12.8 | х | 12.0 | | 17.0 | |
| (20) | 1 | 41 | 15 | 12.8 | х | 15,0 | | 21,3 | |
| (21) | 1 | 41 | 15 | 12.8 | х | 15.0 | | 21.3 | |
| (22) | 2 | 51 | 50 | 25.5 | х | 25,0 | 70.8 | | Adjust Manhole |
| (23) | 2 | 179 | 63 | 12.8 | х | 108.0 | 153.0 | | |
| (24) | 1 | 41 | 15 | 12.8 | х | 15.0 | | 21,3 | |
| 25) | 1 | 41 | 15 | 12.8 | х | 15.0 | | 21.3 | |
| <u>(26)</u> | 1 | 30 | 14 | 7.5 | х | 7,5 | | 6.3 | Adjust Manhole |
| 27) | 1 | 56 | | 12.8 | х | 15.0 | | 21.3 | |
| (28) | 1 | 42 | 14 | 12,8 | х | 15.0 | | 21.3 | |
| (29) | 2 | 41 | 45 | 25.5 | х | 15.0 | 42.5 | | |
| | | | | 12.8 | х | 15.0 | 21,3 | | |

| | 2024 S | TREE | ΓRE | CONS | TRUCT | ION |
|-------------|-------------------|------|-------|-------|-------------|--------------------------------|
| AREA NO. | TYPE | APPR | OX. [| IMEN. | EST S.F. | NOTES |
| А | Curb Ramp | 5.5 | х | 5.0 | 27.5 | ADA Plate - Cast Iron |
| В | Sidewa l k | 4.3 | х | 20.0 | 85.0 | Adjust Sprinkler (as needed) |
| С | Curb Ramp | 5.5 | х | 5.0 | 27.5 | ADA Plate - Cast Iron |
| D | Sidewalk | 4.3 | х | 20.0 | 85.0 | Adjust Sprinkler (as needed) |
| E | Curb Ramp | 5.5 | х | 5.0 | 27.5 | ADA Plate - Cast Iron |
| F | Sidewalk | 4.3 | х | 20.0 | 85.0 | Adjust Sprinkler (as needed) |
| G | Curb Ramp | 5.5 | х | 5.0 | 27.5 | ADA Plate - Cast Iron |
| Н | Sidewalk | 4.3 | х | 20.0 | 85.0 | Adjust Sprinkler (as needed) |
| | Curb Ramp | 4.0 | х | 14.0 | 56.0 | ADA Plate - Cast Iron (2'x10') |
| J | Sidewalk | 6.5 | х | 20.0 | 130.0 | Adjust Sprinkler (as needed) |
| К | Curb Ramp | 5.5 | х | 5.0 | 27.5 | ADA Plate - Cast Iron |
| L | Sidewalk | 4.3 | х | 20.0 | 85.0 | Adjust Sprinkler (as needed) |
| М | Sidewalk | 4.0 | х | 4.0 | 16.0 | Adjust Water Valve |
| N | Curb Ramp | 5.5 | х | 5.0 | 27.5 | ADA Plate - Cast Iron |
| 0 | Sidewalk | 4.3 | х | 20.0 | 85.0 | Adjust Sprinkler (as needed) |
| Р | Curb Ramp | 6.0 | х | 12.0 | 72.0 | ADA Plate - Cast Iron |
| Q | Imprinted Surface | 6.0 | х | 12.0 | 72.0 | |
| R | Curb Ramp | 6.0 | х | 12.0 | 72.0 | ADA Plate - Cast Iron |
| S | Imprinted Surface | 6.0 | х | 12.0 | 72.0 | |



TOTAL QUANTITIES

E & A CONSULTING GROUP, INC. Engineering • Planning • Environmental & Field Services 10099 MIMILE 4002 Services 10099 MIMILE 4002 Services 10099 MIMILE 4002 Services 10099 MIMILE 4002 Services 1003 Services 1003

SUMMIT RIDGE 2024 STREET RECONSTRUCTION SID 245

