| Oversight / NHS | |
|---|---|
| FHWA PROJECTS OF DIVISION INTEREST (PoDI) OVERSIGHT? | ■ NO □ YES |
| NATIONAL HIGHWAY SYSTEM? | ■ NO □ YES |

Related Projects:
P. E. UNDER PROJECT:
Project Number –
Project Code: –

R.O.W. Projects:
R.O.W. Project Description

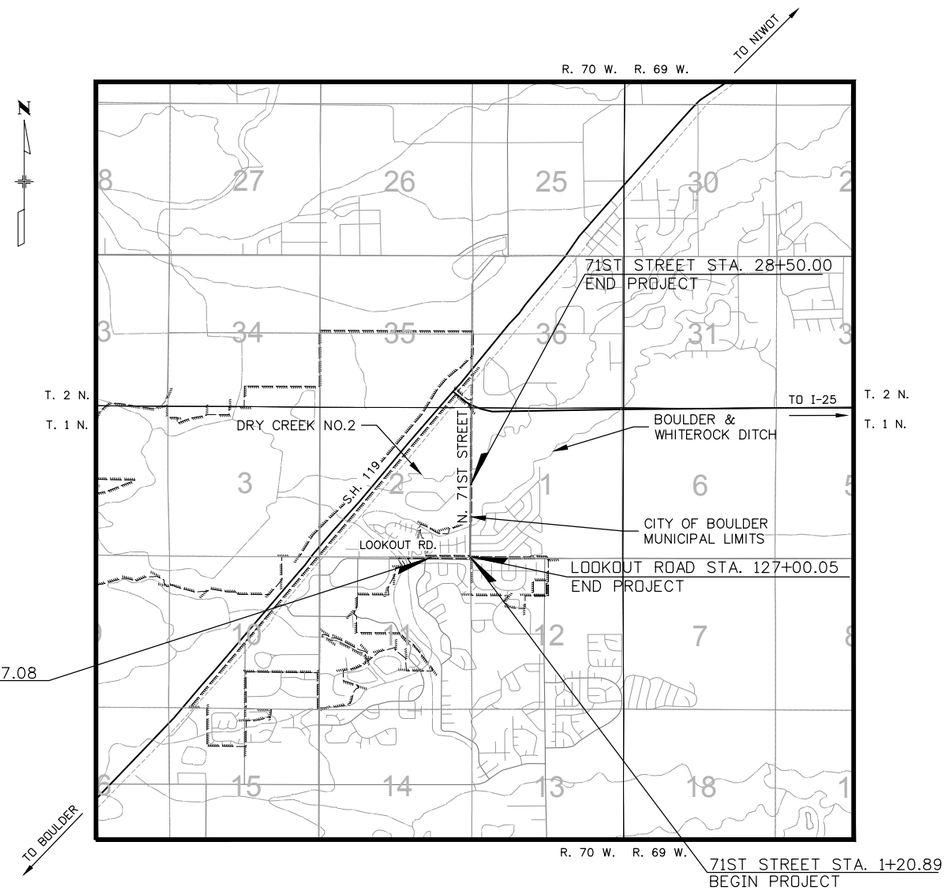
# BOULDER COUNTY

HIGHWAY CONSTRUCTION BID PLANS OF PROPOSED
**FEDERAL AID PROJECT NO. TAP C070-078**
CONSTRUCTION PROJECT CODE NO. 20709
**NORTH 71ST STREET SHOULDERS AND MULTI-USE PATH**
BOULDER COUNTY TRANSPORTATION DEPARTMENT
**BOULDER COUNTY PROJECT NO. 4351.993511**

**TABULATION OF LENGTH & DESIGN DATA**

| STATION | FEET ROADWAY 71st STREET | FEET ROADWAY LOOKOUT RD. |
|---|---|---|
| LOOKOUT ROAD | | |
| BEGIN PROJECT STA. 113+07.08 | | 1,393 |
| END PROJECT STA. 127+00.05 | | |
| 71st STREET | | |
| BEGIN PROJECT STA. 1+20.89 | 2,729 | |
| END PROJECT STA. 28+50.00 | | |
| TOTAL | 2,729 | 1,393 |
| SUMMARY OF PROJECT LENGTH | FEET | MILES |
| PROJECT GROSS LENGTH (MILES) | 4,122 | 0.781 |

| DESIGN DATA | 71st STREET | LOOKOUT RD. |
|---|---|---|
| MAXIMUM RADIUS OF CURVE | N/A | N/A |
| MAXIMUM GRADE | 5% | 5% |
| MINIMUM S.S.D. HORIZONTAL | 250' | 250' |
| MINIMUM S.S.D. VERTICAL | 250' | 250' |
| MAXIMUM DESIGN SPEED | 35 MPH | 35 MPH |
| 2033 DESIGN TRAFFIC | DHV= ADT= | DHV= ADT= |
| DHV TRUCK % | - | - |
| CLEAR ZONE DISTANCE (TANGENT) | 18' | 18' |
| CLEAR ZONE DISTANCE (RADIUS) | N/A | N/A |
| CONSTRUCTION CLEAR ZONE (MIN 18') | 18' | 18' |




PROJECT LOCATION MAP

0 0.5 1 2 Miles

| SHEET NO. | SUBSET SHEET | INDEX OF SHEETS |
|---|---|---|
| 1 | GE1 | TITLE SHEET |
| 2 | GE2 | STANDARD PLANS LIST |
| 3-5 | GE3-GE5 | GENERAL NOTES |
| 6 | GE6 | LEGEND |
| 7-10 | TY1-TY4 | TYPICAL SECTIONS |
| 11-16 | TB1-TB6 | SUMMARY OF APPROXIMATE QUANTITIES |
| 17-26 | TB7-TB16 | TABULATIONS |
| 27 | ST1 | SURVEY TABULATION SHEET |
| 28 | GM1 | SURVEY CONTROL DIAGRAM |
| 29-31 | GM2-GM4 | ALIGNMENT CONTROL PLAN |
| 32 | RV1 | KEY MAP (REMOVAL PLAN) |
| 33-38 | RV2-RV7 | REMOVAL PLAN |
| 39 | PP1 | KEY MAP (PLAN & PROFILE GRADE) |
| 40-45 | PP2-PP7 | PLAN & PROFILE GRADE (71ST STREET) |
| 46-47 | PP8-PP9 | PLAN & PROFILE GRADE (GLACIER VIEW) |
| 48 | TR1 | KEY MAP (MULTI-USE PATH PLAN & PROFILE) |
| 49-55 | TR2-8 | MULTI-USE PATH PLAN & PROFILE |
| 56 | TR9 | LOBO TRAIL CROSSING PLAN & PROFILE |
| 57 | TR10 | LOBO TRAIL REPAIRS |
| 58-64 | DR1-DR7 | PLAN & PROFILE (STORM DRAIN) |
| 65 | DR8 | GLACIER VIEW STRUCTURE DETAILS |
| 66 | BR1 | WHITEROCK MINOR STRUCTURE PLAN & PROFILE |
| 67-80 | BR2-BR15 | WHITEROCK MINOR STRUCTURE STRUCTURE DETAILS |
| 81-84 | INT1-INT4 | 71ST ST INTERSECTION PLANS |
| 85 | SIGNAL1 | TRAFFIC SIGNAL PLAN |
| 86-91 | SS1-SS6 | SIGNING & STRIPING PLAN |
| 92-98 | UTIL1-UTIL7 | UTILITY PLAN |
| 99-104 | SWMP1-SWMP6 | STORMWATER MANAGEMENT PLAN |
| 105-116 | EC1-EC12 | EROSION CONTROL PLAN |
| 117-122 | DET1-DET6 | CITY OF BOULDER DETAILS |

FINAL

APPROVED FOR CONSTRUCTION:

MICHAEL A. THOMAS, P.E. DATE:
COUNTY ENGINEER

Print Date: 6/26/19
File Name: 71ST_TITLE SHEET.DWG
Horiz. Scale: 0.5:1 Vert. Scale: As Noted
Unit Information Unit Leader Initials


Short Elliott Hendrickson Inc.
Colorado Center Tower One
Suite 6000
2000 South Colorado Boulevard
Denver, CO 80222-7900
Tele. (720) 540-6800
(800) 490-4966
Fax (720) 540-6801


| Sheet Revisions | | |
|---|---|---|
| Date: | Comments | Init. |
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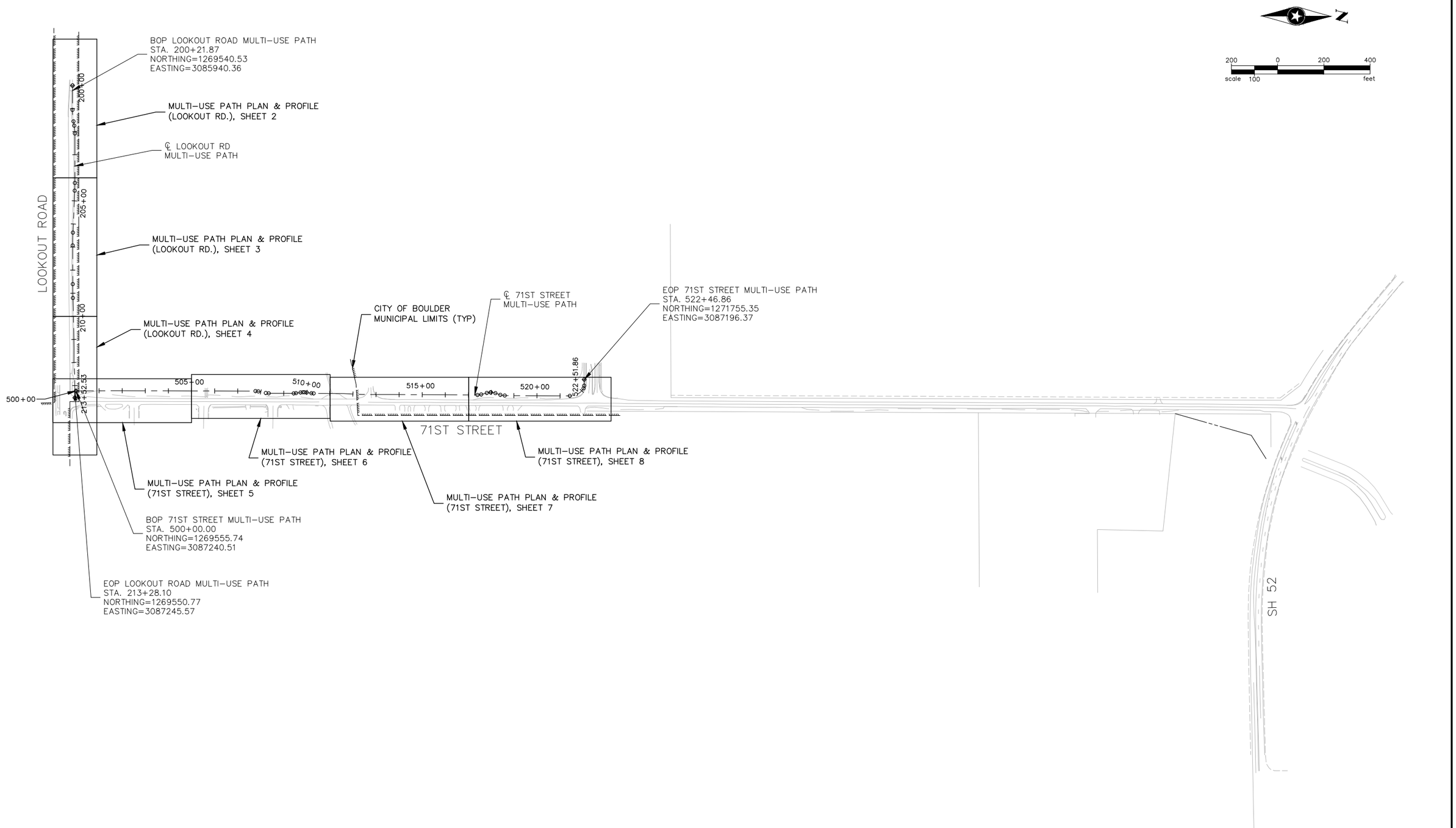
Boulder County
Transportation Department
2525 13th Street
Suite #203
Boulder, Colorado 80304


As Constructed
No Revisions:
Revised:
Void:

Contract Information
Contractor: _____
Resident Engineer: _____
Project Engineer: _____
PROJECT STARTED: __/__/__ ACCEPTED: __/__/__
Comments: _____

Project No./Code
TAP C070-078
20709
Sheet Number 1

P:\AE\B\BOUCO\132149\5-final-dgn\51-drawings\40-TransHwy\71st St_Lookout Rd-SH52\Production Drawings_SCH A\71st_TITLE SHEET.dwg 6/26/2019 3:13 PM

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| File Name: 71ST_MU PATH-P&P KEY MAP.DWG | Date: | Comments | Init. |
| Horiz. Scale: As Noted Vert. Scale: As Noted | | | |
| Unit Information Unit Leader Initials | | | |
| Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801 | | | |

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| As Constructed | KEY MAP (MULTI-USE PATH PLAN & PROFILE) | | | Project No./Code |
|---|---|---|---|---|
| No Revisions: | | | | TAP C070-078 |
| Revised: | Designer: KC | Structure Numbers | | 20709 |
| Void: | Detailer: KJK | | | |
| | Sheet Subset: TR | Subset Sheets: 1 of 10 | | Sheet Number 48 |

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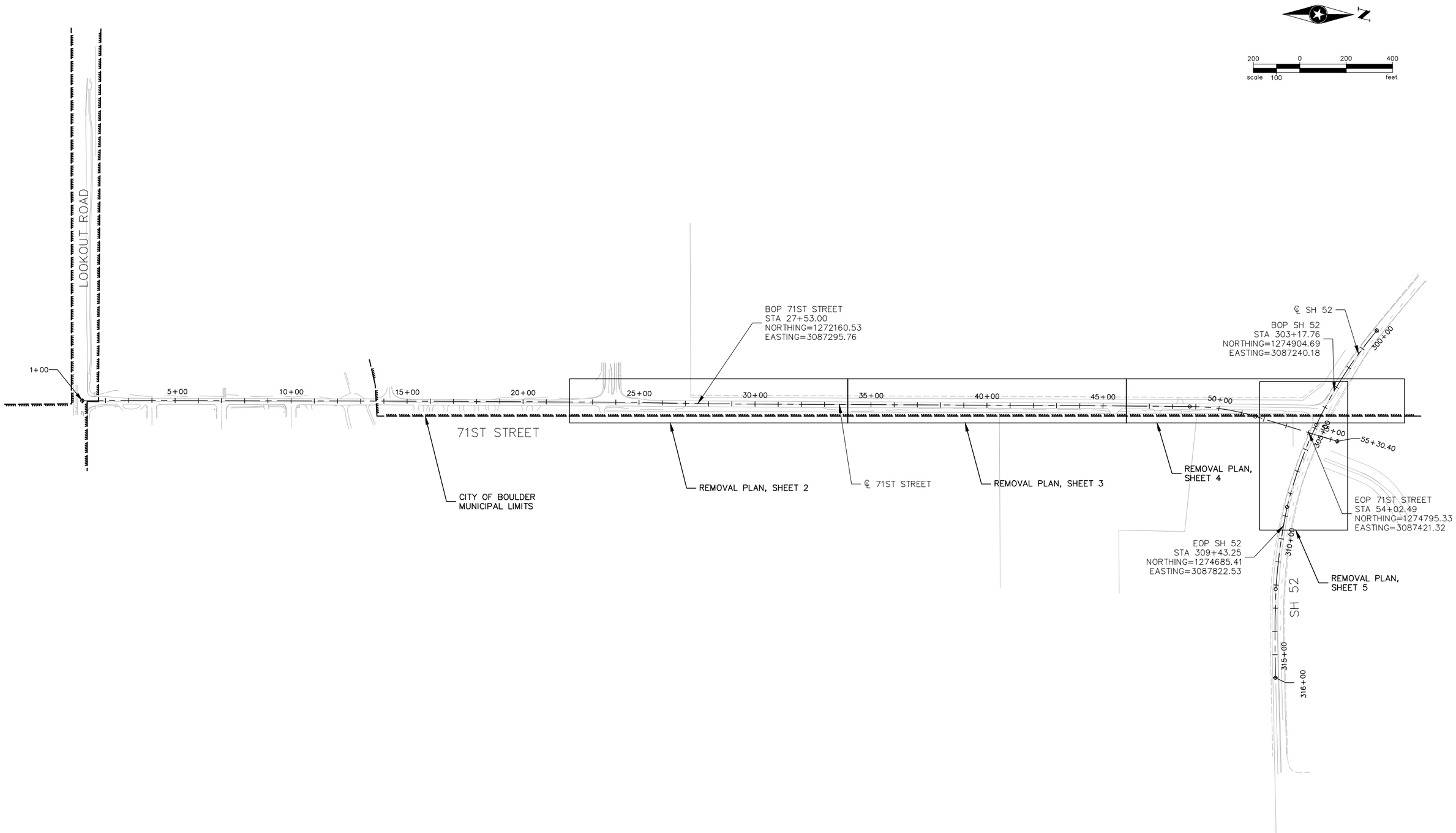


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| Horiz. Scale: As Noted Vert. Scale: As Noted | | | |
| Unit Information Unit Leader Initials | | | |
| Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801 | | | |

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As Constructed
No Revisions:
Revised:
Void:

KEY MAP (REMOVAL PLAN)

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| Designer: | KC | Structure Numbers | |
| Detailer: | KJK | | |
| Sheet Subset: | RV | Subset Sheets: | 1 of 5 |

Project No./Code
TAP C070-078
20709
Sheet Number 20

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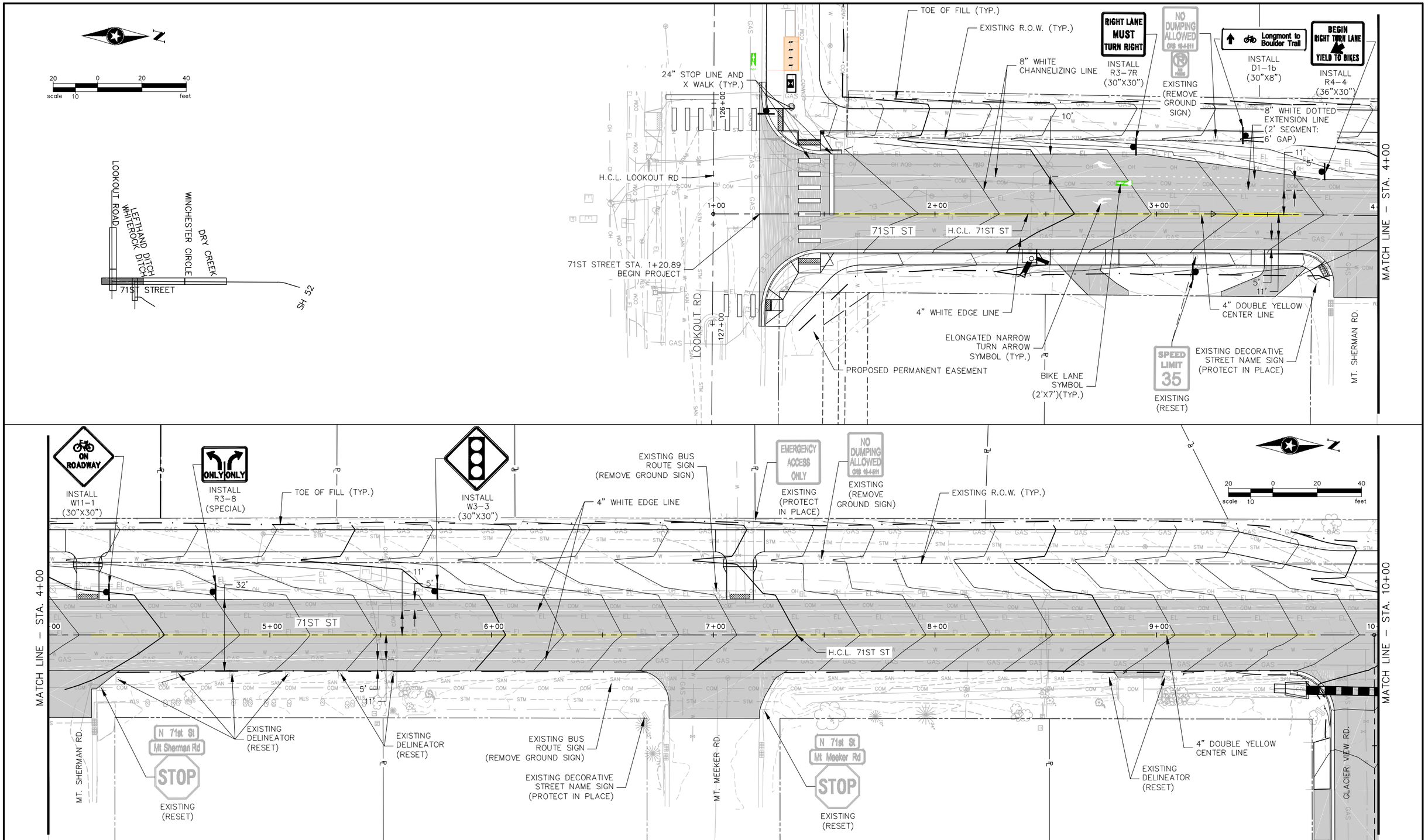


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| Horiz. Scale: As Noted Vert. Scale: As Noted | | | |
| Unit Information Unit Leader Initials | | | |

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Void:

SIGNING & STRIPING PLAN (71ST STREET)

| | | | |
|---|---|---|---|
| Designer: | KC | Structure Numbers | |
| Detailer: | KJK | | |
| Sheet Subset: | SS | Subset Sheets: | 3 of 6 |

Project No./Code
TAP C070-078
20709
Sheet Number 88

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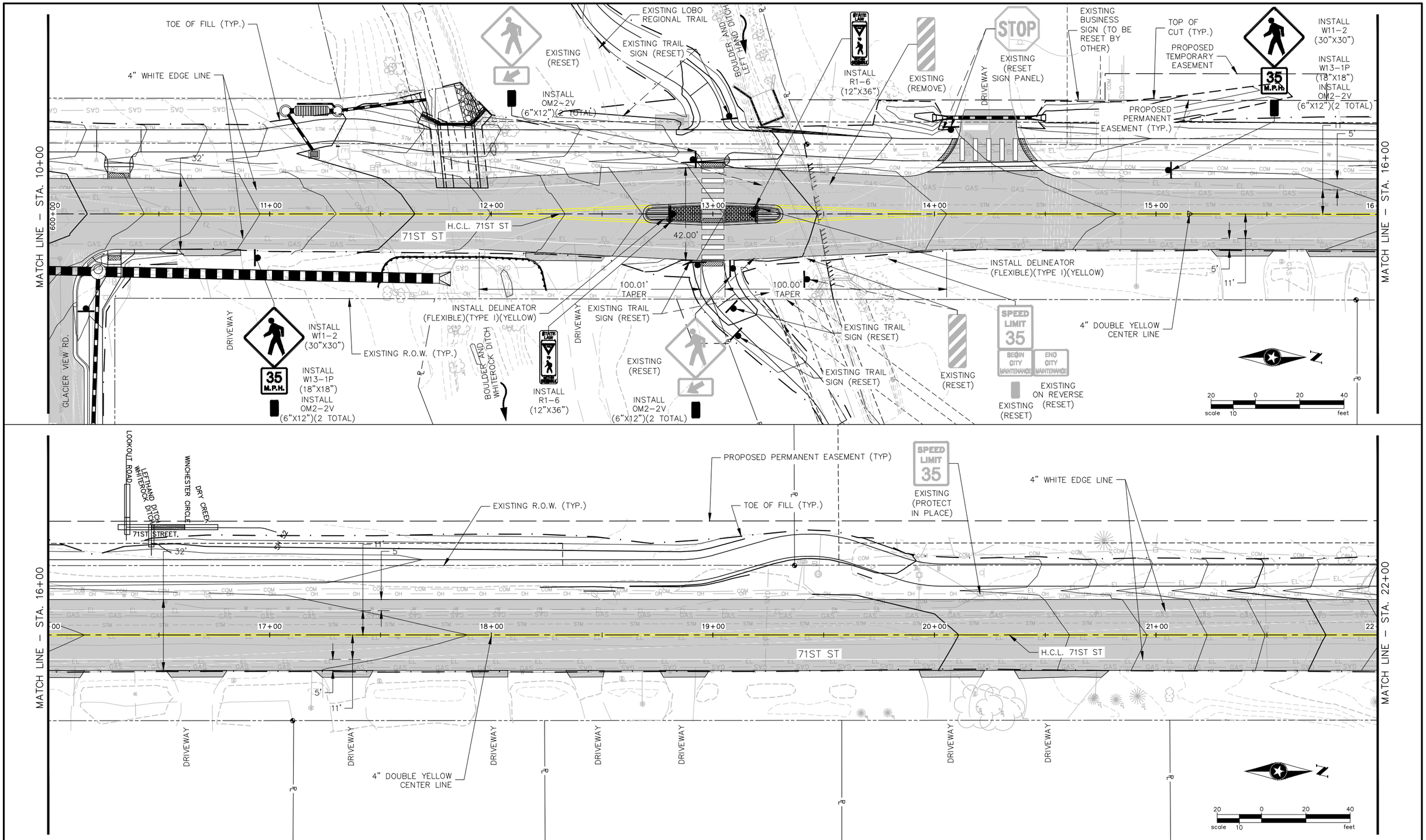


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| Horiz. Scale: As Noted Vert. Scale: As Noted | | | |
| Unit Information Unit Leader Initials | | | |

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| No Revisions: |
| Revised: |
| Void: |

SIGNING & STRIPING PLAN (71ST STREET)

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| Designer: | KC | Structure Numbers | |
| Detailer: | KJK | | |
| Sheet Subset: | SS | Subset Sheets: | 4 of 6 |

| Project No./Code |
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| TAP C070-078 |
| 20709 |
| Sheet Number 89 |

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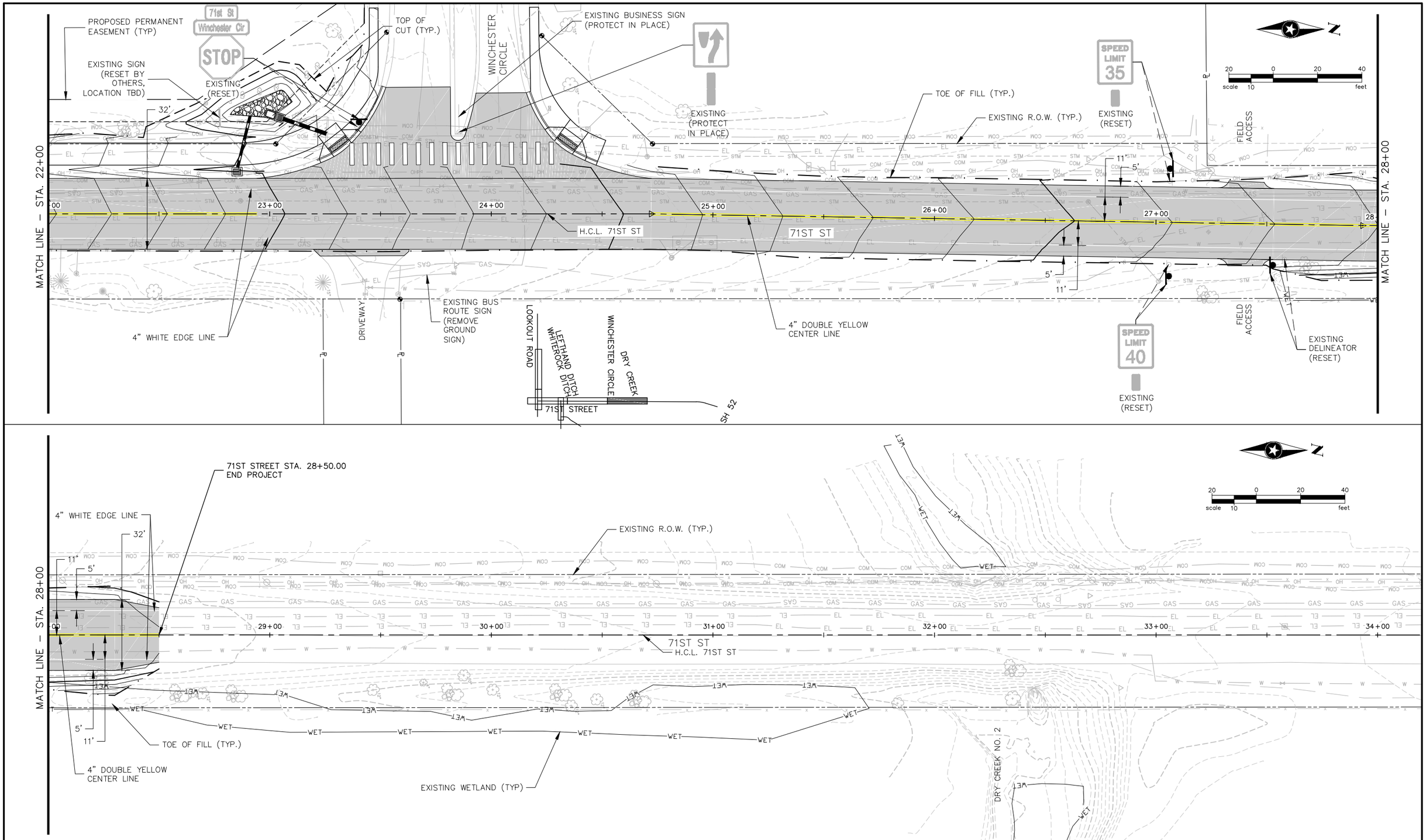


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| Horiz. Scale: As Noted Vert. Scale: As Noted | | | |
| Unit Information Unit Leader Initials | | | |

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Void:

SIGNING & STRIPING PLAN (71ST STREET)

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|---|---|---|---|
| Designer: | KC | Structure Numbers | |
| Detailer: | KJK | | |
| Sheet Subset: | SS | Subset Sheets: | 5 of 6 |

Project No./Code
TAP C070-078
20709
Sheet Number 90

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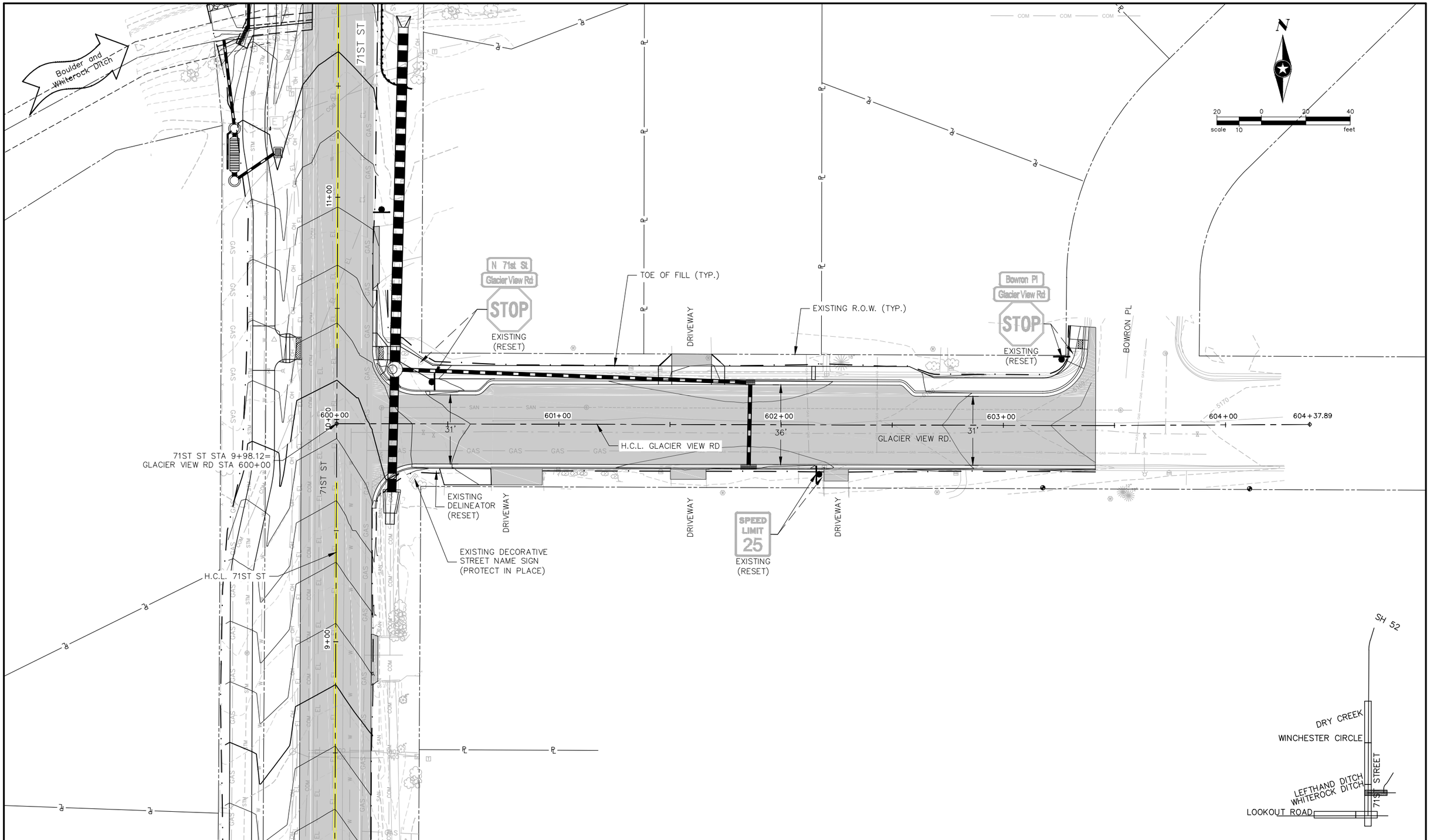


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| Unit Information | Unit Leader Initials | | |


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**Sheet Revisions**

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| Revised: |
| Void: |

**SIGNING & STRIPING PLAN (GLACIER VIEW RD.)**

| | | | |
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| Designer: | KC | Structure Numbers | |
| Detailer: | KJK | | |
| Sheet Subset: | SS | Subset Sheets: | 6 of 6 |

| Project No./Code |
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| TAP C070-078 |
| 20709 |
| Sheet Number 91 |

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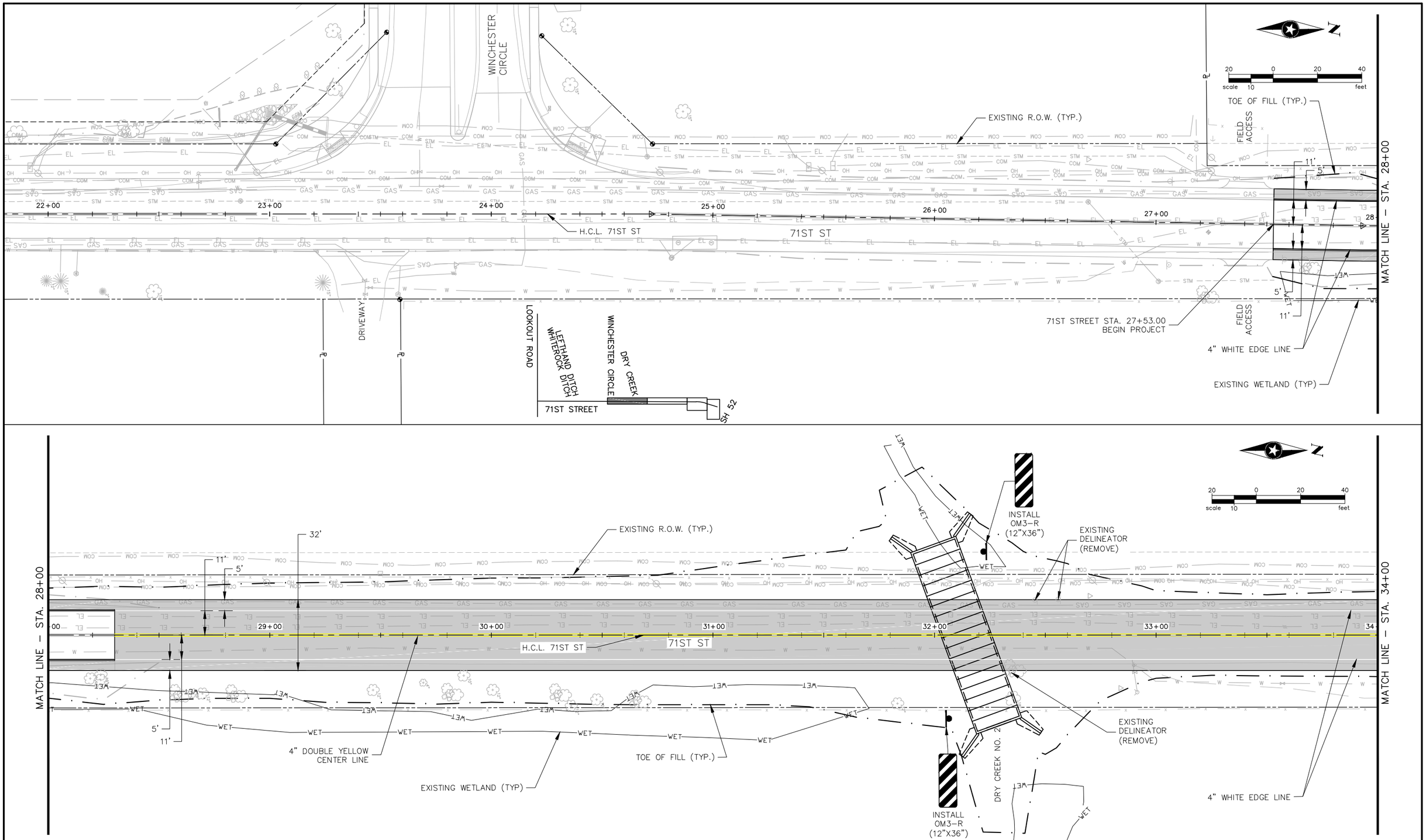


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| Horiz. Scale: As Noted Vert. Scale: As Noted | | | |
| Unit Information Unit Leader Initials | | | |


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As Constructed

No Revisions:

Revised:

Void:

# SIGNING & STRIPING PLAN (71ST STREET)

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|---|---|---|---|
| Designer: | KC | Structure Numbers | |
| Detailer: | KJK | | |
| Sheet Subset: | SS | Subset Sheets: | 1 of 4 |

Project No./Code

TAP C070-078

20709

Sheet Number 41

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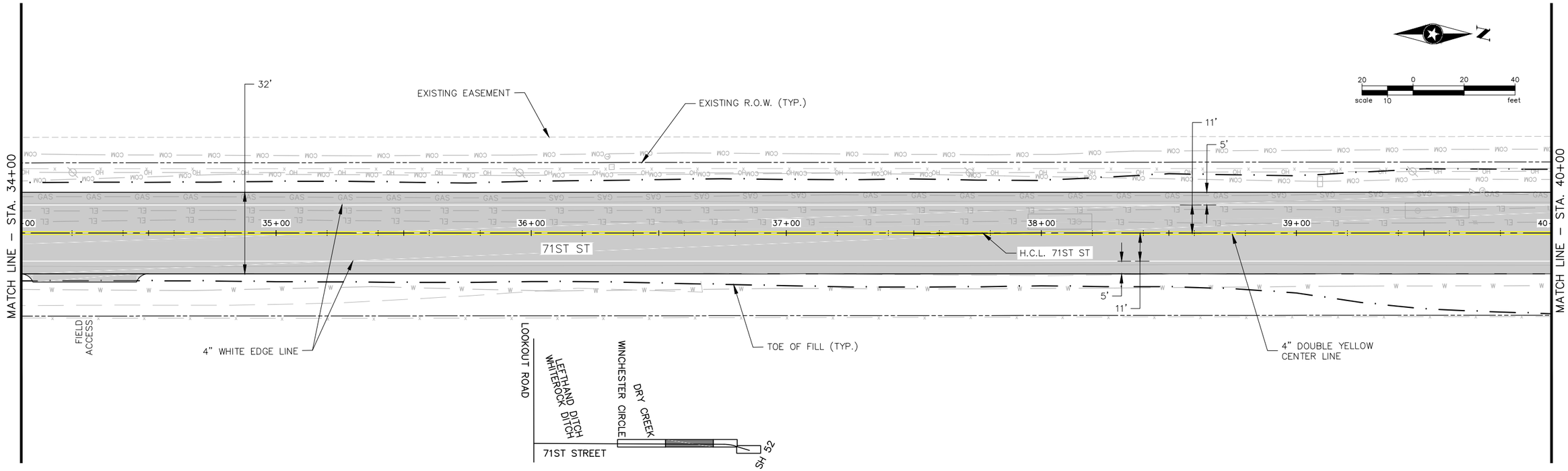


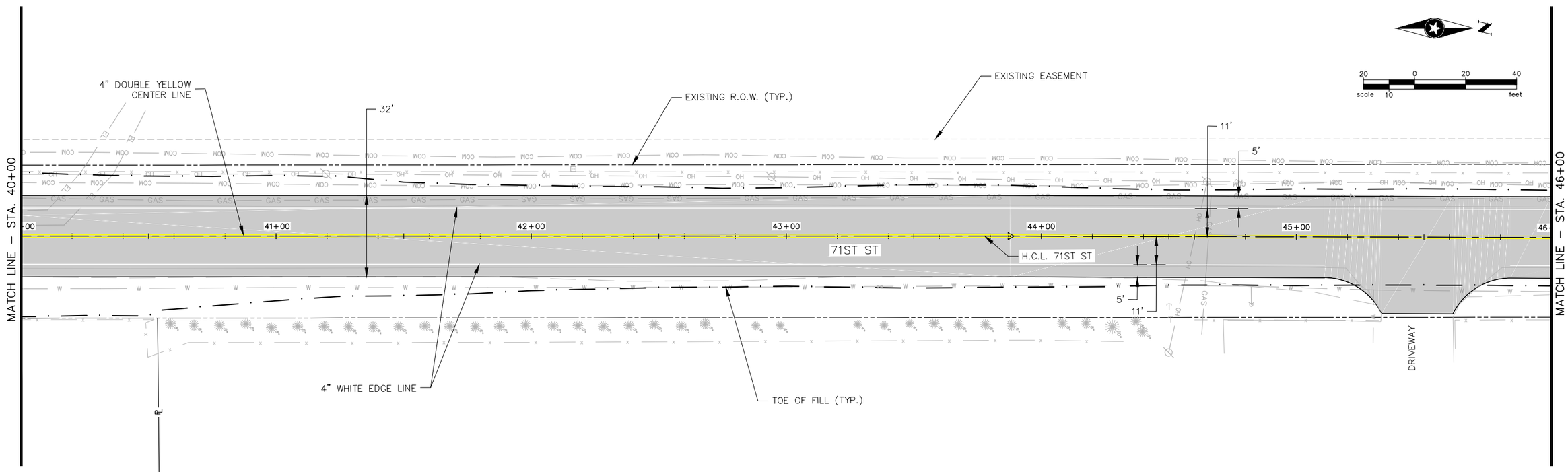


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| File Name: 71ST_SIGNING & STRIPING SHTS.DWG | Date: | Comments | Init. |
| Horiz. Scale: As Noted Vert. Scale: As Noted | | | |
| Unit Information Unit Leader Initials | | | |
| Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801 | | | |

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Boulder, Colorado 80304

As Constructed
No Revisions:
Revised:
Void:

SIGNING & STRIPING PLAN (71ST STREET)

Designer: KC
Detailer: KJK
Sheet Subset: SS
Structure Numbers
Subset Sheets: 2 of 4

Project No./Code
TAP C070-078
20709
Sheet Number 42

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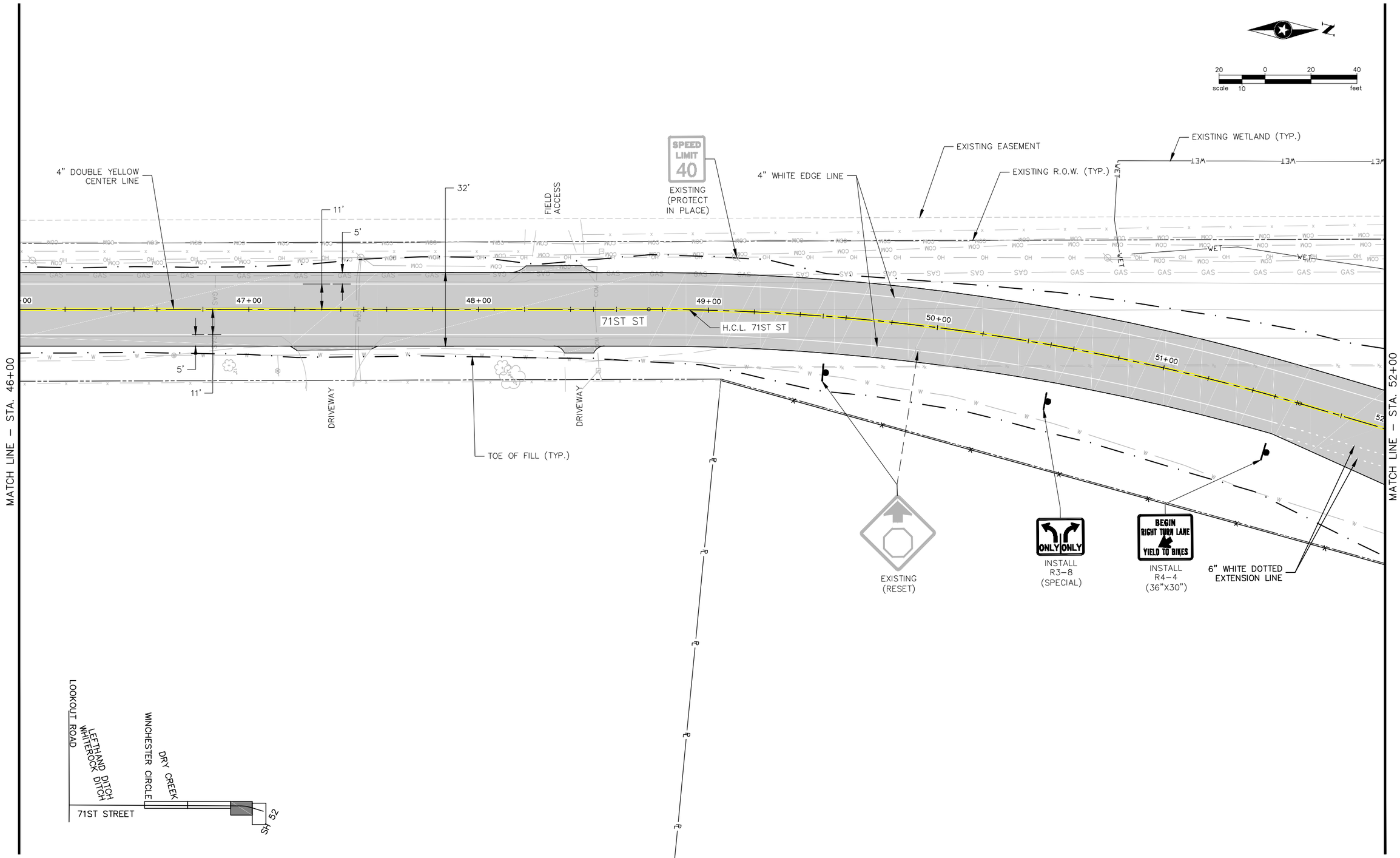


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| Unit Information Unit Leader Initials | | | |


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As Constructed
No Revisions:
Revised:
Void:

SIGNING & STRIPING PLAN (71ST STREET)

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|---|---|---|---|
| Designer: | KC | Structure Numbers | |
| Detailer: | KJK | | |
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Project No./Code
TAP C070-078
20709
Sheet Number 43

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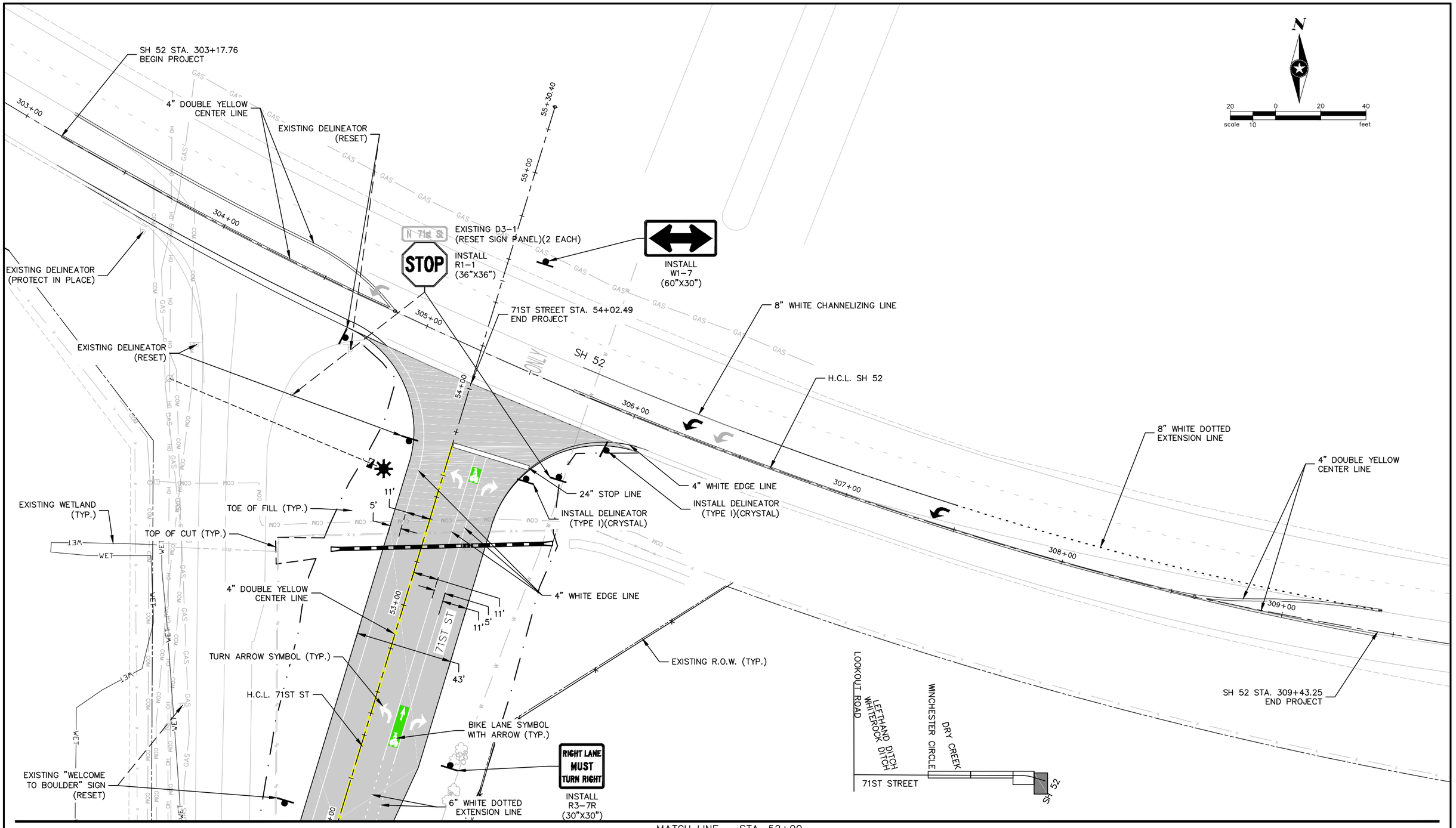


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| Horiz. Scale: As Noted Vert. Scale: As Noted | | | |
| Unit Information Unit Leader Initials | | | |

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Transportation Department
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As Constructed
No Revisions:
Revised:
Void:

SIGNING & STRIPING PLAN
(SH 52)

| | | | |
|---|---|---|---|
| Designer: | KC | Structure Numbers | |
| Detailer: | KJK | | |
| Sheet Subset: | SS | Subset Sheets: | 4 of 4 |

Project No./Code
TAP C070-078
20709
Sheet Number 44

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