

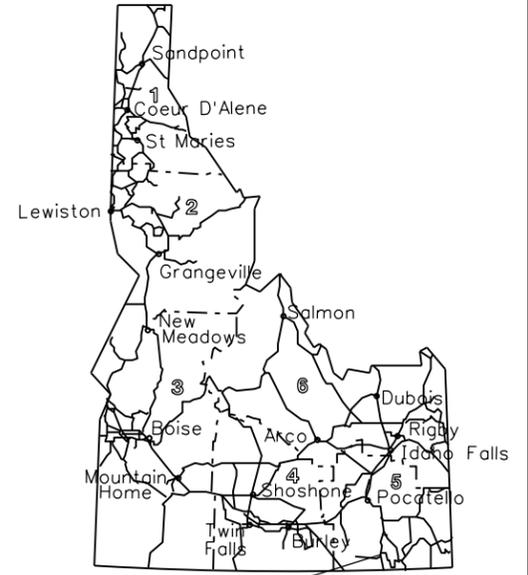
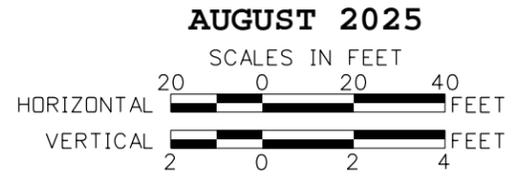
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INDEX OF SHEETS	
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4-7	TOTAL OWNERSHIP MAP
8-11	TYPICAL SECTIONS
12-13	PROJECT CLEARANCE SUMMARY
14-15	DRIVEWAY DETAILS
16-18	STORM/SANITARY SEWER DETAILS
19-21	ROADWAY SUMMARY
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26-37	DEMOLITION PLAN
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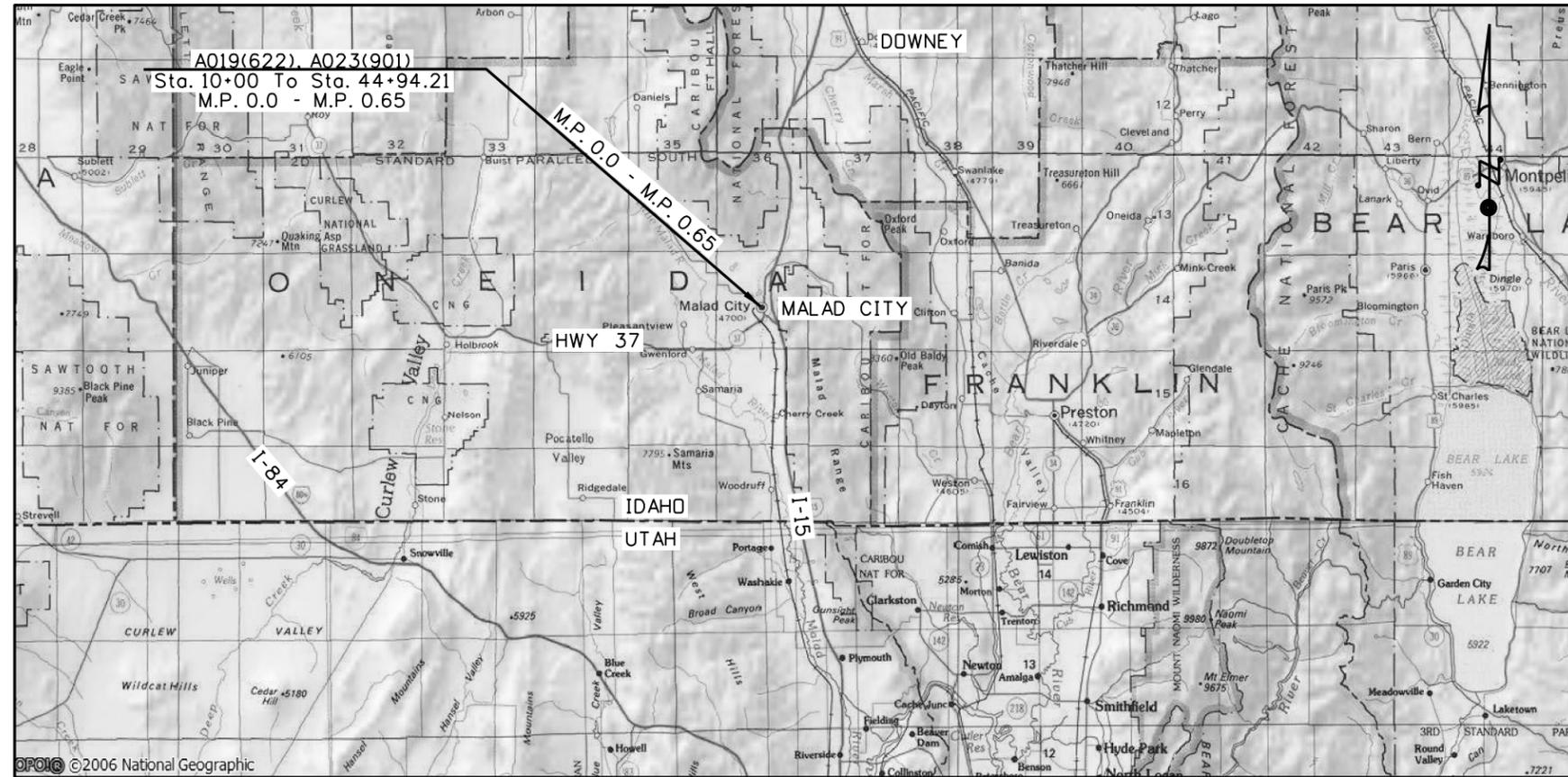
**IDAHO**  
**TRANSPORTATION DEPARTMENT**

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**PLAN AND PROFILE OF PROPOSED**  
**BANNOCK ST. AND SIDEWALKS TAP GRANT**  
**FEDERAL AID PROJECT NO. A019(622), A023(901)**  
**KEY NO. 19622, 23901**  
**MALAD CITY, ONEIDA COUNTY**

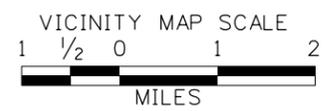


A019(622), A023(901)  
 BANNOCK ST.,  
 SIDEWALK TAP GRANT  
 M.P. 0.0 - M.P. 0.65  
 SEGMENT CODE 007170



**DESIGN DESIGNATION**

ADT 2020	1963
ADT 2040	2362
DHV 2020	236
DHV 2040	283
D	60/40
V	30 MPH
TRUCKS:	
ADT 2020	132
ADT 2040	190
DHV 2020	13
DHV 2040	19



POPULATIONS: 2020 U.S. CENSUS

REVISIONS			
NO.	DATE	BY	DESCRIPTION

THE DIMENSIONS SHOWN ON THE PLANS SHALL BE ATTAINED WITHIN LIMITS OF PRECISION THAT GOOD CONSTRUCTION PRACTICES WILL PERMIT

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME  
23901&19622\_Title\_001.dgn

DRAWING DATE:  
JAN 2024

**IDAHO**  
**TRANSPORTATION DEPARTMENT**

MALAD CITY

PROJECT NO.  
A019(622)  
A023(901)

TITLE SHEET  
BANNOCK ST., MALAD CITY  
SIDEWALKS TAP GRANT

**English**

COUNTY ONEIDA

KEY NUMBER  
19622, 23901

SHEET 1 OF 118

*Monica Crider*

Approved for Advertising  
**9/22/2025**  
 Date Approved

1/28/2025 F:\Rexburg\01\01\01\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_SURV\_001.dgn

FOUND MONUMENTS							
PT. NO.	PROJECT COORDINATES		ELEVATION	STATION	OFFSET	DESCRIPTION	NOTES
	NORTHING	EASTING					
13	191051.136	632303.995	4548.396	22+98.81	50.42 RT	Rebar with Plastic Cap	
14	191133.31	632350.402	4549.53	22+86.96	40.68 LT	Rebar with Alum Cap	Marked - AA Hudson
15	191169.820	632302.690	4550.05	22+26.89	40.78 LT	Rebar with Alum Cap	Marked - AA Hudson
16	191283.750	632153.588	4552.154	20+39.24	40.96 LT	Rebar with Alum Cap	Marked - AA Hudson
17	191346.674	631931.642	4555.471	18+25.30	43.59 RT	Rebar with Alum Cap	Marked - PLS 4735
8	191442.234	631878.221	4558.381	17+24.52	0	Rebar with Plastic Cap	
4	191536.001	631682.214	4563.253	15+12.17	47.52 RT	Rebar with Plastic Cap	Cap Unreadable
18	191630.087	631710.443	4564.113	14+76.91	43.87 LT	Rebar with Plastic Cap	
19	191694.060	631631.090	4566.041	13+74.90	45.08 LT	Rebar with Plastic Cap	Marked - 9124
20	191810.451	631488.221	4568.411	11+90.67	48.19 LT	Rebar with Alum Cap	

SURVEY DATUM

NOTES:  
 IDAHO EAST 1101  
 GEOID: 12B  
 LOCATION: LATITUDE N42-11-23.99734  
 LONGITUDE W112-1509.12928

GROUND SCALE FACTOR: 1.0002668642  
 SCALE FACTOR: 0.9999473684

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 23901_SURV_001.dgn  DRAWING DATE: JAN 2024
DESIGN CHECKED K. HARRIS	
DETAILED M. SOUTHWICK	
DRAWING CHECKED A. BASS	

**IDAHO**  
**TRANSPORTATION**  
**DEPARTMENT**



FORSGREN *Associates Inc.*

PROJECT NO.	A023(901)
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MONUMENT PERPETUATION	BANNOCK ST., SIDEWALKS TAP GRANT
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 23901
SHEET 2 OF 118



1/28/2025 F:\Rexburg\01\01\01-19-0117 Bannock St. Phase I Design\9 CAD\pr\19622\Project\_Development\Plan\_Sheets\TRAFFIC CONTROL\19622\_SURV\_001.dgn

FOUND MONUMENTS							
PT. NO.	PROJECT COORDINATES		ELEVATION	STATION	OFFSET	DESCRIPTION	NOTES
	NORTHING	EASTING					
1	190708.451	632896.515	4540.827	29+79.34	31.74 LT	5/8 iron rod	Forsgren Associates control point
2	190440.463	633131.742	4537.004	33+28.52	40.47 RT	Rebar with Plastic Cap	PLS 4735
3	190252.974	633377.575	4535.275	36+37.69	42.01 RT	Rebar with Plastic Cap	Cap Unreadable
4	191536.001	631682.214	4563.253	15+12.17	52.68 RT	Rebar with Plastic Cap	Cap Unreadable
5	188905.617	634120.539	4537.231	45+82.49	812.61 RT	Rebar with Brass Cap	
6	189915.133	633064.901	4531.312	35+91.61	500.06 RT	Rebar with Plastic Cap	PLS 4735
7	190876.041	632619.090	4544.703	26+56.93	1.60 RT	Rebar with Plastic Cap	PLS 9163
8	191442.234	631878.221	4558.381	17+24.52	6.63 RT	Rebar with Plastic Cap	
9	191546.894	634121.246	4561.94			East 1/4 Sec 21	Section Corner
10	188762.421	634068.948	4536.787			SouthEast sec 21	Section corner
11	190709.673	632915.179	4540.551	29+93.49	43.96 LT	Rebar with Alum Cap	ITD Vault Monument
12	189180.309	634870.053	4544.721			1 Alum Cap	Street PI

SURVEY DATUM

NOTES:  
 IDAHO EAST 1101  
 GEOD: 12B  
 LOCATION: LATITUDE N42-11-23.99734  
 LONGITUDE W112-1509.12928

GROUND SCALE FACTOR: 1.0002668642  
 SCALE FACTOR: 0.9999473684

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_SURV\_001.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN *Associates Inc.*

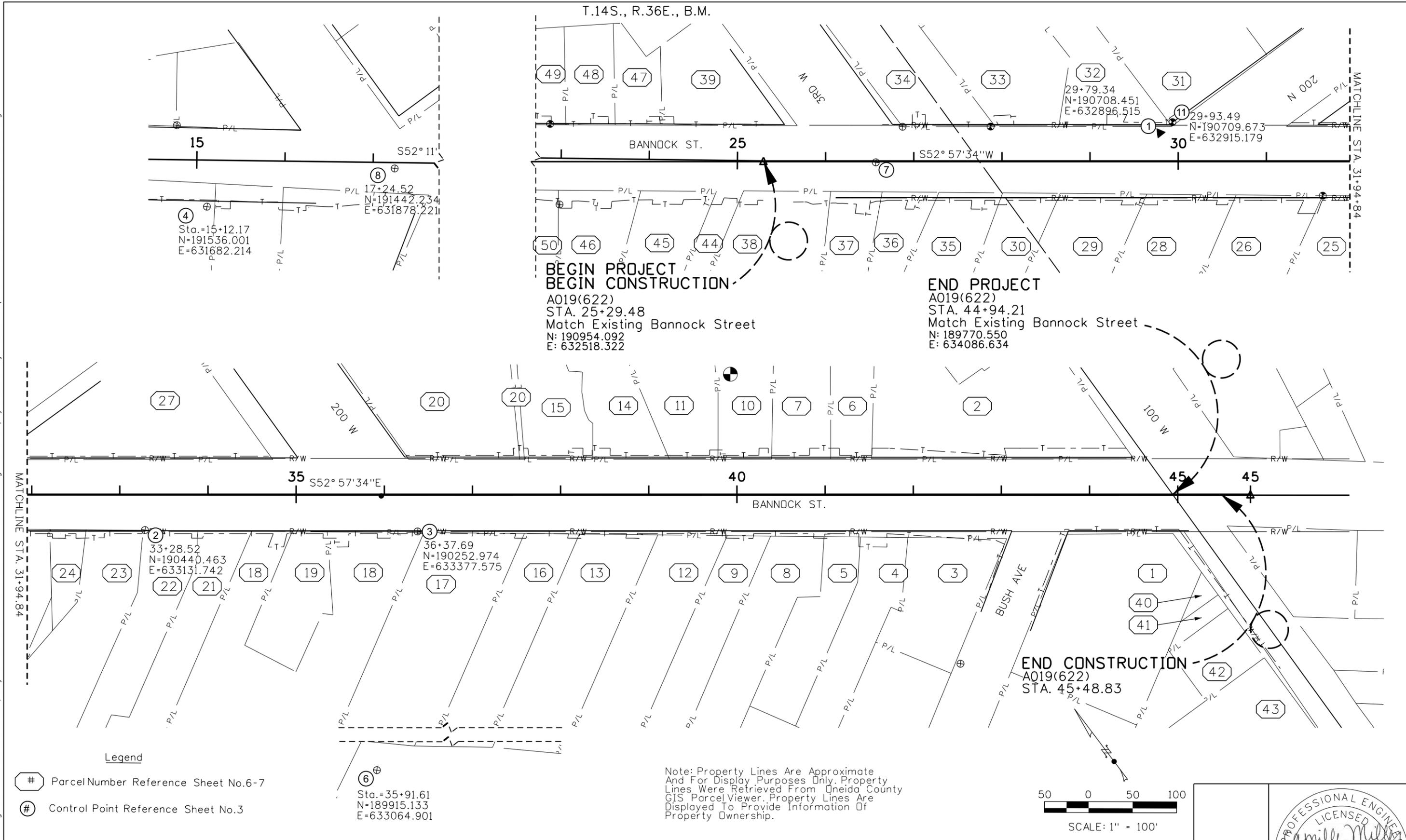
PROJECT NO.  
A019(622)

MONUMENT PERPETUATION  
BANNOCK ST., MALAD CITY

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 3 OF 118



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_TOM\_001.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

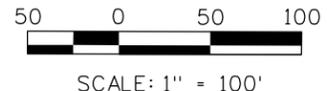
PROJECT NO.  
 A019(622)

TOTAL OWNERSHIP MAP  
**BANNOCK ST., MALAD CITY**

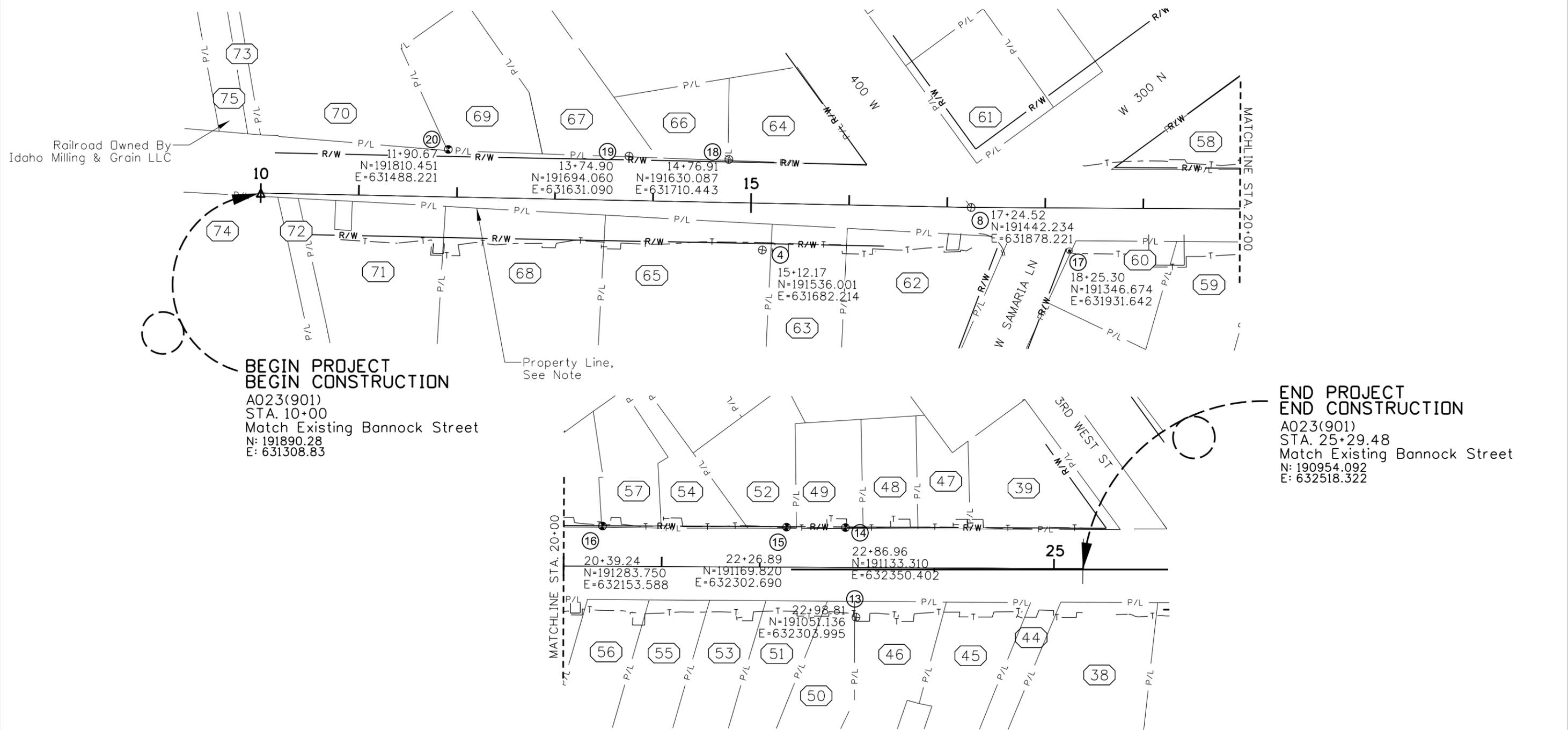
**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 4 OF 118



Note: Property Lines Are Approximate And For Display Purposes Only. Property Lines Were Retrieved From Oneida County GIS Parcel Viewer. Property Lines Are Displayed To Provide Information Of Property Ownership.



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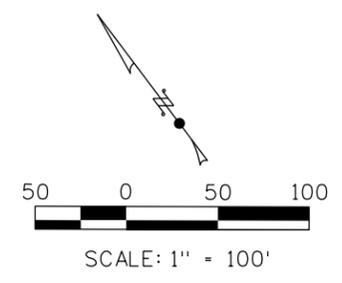
**BEGIN PROJECT  
BEGIN CONSTRUCTION**  
A023(901)  
STA. 10+00  
Match Existing Bannock Street  
N: 191890.28  
E: 631308.83

**END PROJECT  
END CONSTRUCTION**  
A023(901)  
STA. 25+29.48  
Match Existing Bannock Street  
N: 190954.092  
E: 632518.322

Legend

- # Parcel Number Reference Sheet No.8
- # Control Point Reference Sheet No.2

Note: Property Lines Are Approximate And For Display Purposes Only. Property Lines Were Retrieved From Oneida County GIS ParcelViewer. Property Lines Are Displayed To Provide Information Of Property Ownership.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. SOUTHWICK
DRAWING CHECKED	A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 23901\_TDM\_001.dgn  
DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.  
A023(901)

TOTAL OWNERSHIP MAP  
BANNOCK ST., SIDEWALKS TAP GRANT

**English**  
COUNTY ONEIDA  
KEY NUMBER 23901  
SHEET 5 OF 118

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PARCEL NO.	PARCEL I.D. NO.	RECORD OWNER	INSTRUMENT NO.	TOTAL OWNERSHIP ASSESSED AREA	RIGHT OF WAY REQ. EXIST.	REMAINDER Lt.	Rt.	TEMPORARY EASEMENT
1	RP0087501	RBH LLC	116072					Yes
2	RP0010801	G&K ATKINSON LLC	148302					Yes
3	RP0089800	SUMMARS, SHAWN	156901					Yes
4	RP0090000	DAWSON, CYNTHIA M	132258					Yes
5	RP0090100	JONES, RANDY P	134353					Yes
6	RP0011100	COTTLE, STEVAN A FAMILY TRUST	136329					Yes
7	RP0011000	COTTLE, STEVAN A FAMILY TRUST	136329					Yes
8	RP0090300	THOMPSON, GRANT L LIVING TRUST	151833					Yes
9	RP0090400	SURRAGE, DUSTIN						
10	RP0011801	JONES, SAMANTHA & NATHAN	157175					Yes
11	RP0011900	WHITE, ANITA						
12	RP0090500	GAIL R CONNOR	90398					Yes
13	RP0090700	HILDRETH, JOHN DAN	132572					Yes
14	RP0011401	FACER, SANDY	155927					Yes
15	RP0011201	TRAVIS, RONALD H ETUX	141264					Yes
16	RP0090600	STEWART, HANNAH						Yes
17	RP0090800	FRED GUNDERSON	140811					Yes
18	RP0091000	THOMAS, ARDELLE P, SUZI EVERTON	144923					Yes
19	RP0090900	NIMER, DIRK						
20	RP0012301	COUNTY HOSPITAL	146431					Yes
21	RP0091100	SPECK FAMILY TRUST	157397					Yes
22	RP0091200	ROBERTS, MICHELLE						
23	RP0091300	RASMUSSEN, NATHAN G						Yes
24	RP0091601	YOUNG, ANDREW JOHN ETUS JTWROD	129029					Yes
25	RP0091501	PRICE, KEATON AND CHRISTINA						Yes
26	RP0091400	HICKS, JON JAMES	126364					Yes
27	RP0010402	FLYNN, DAVID D REVOCABLE TRUST	156963					Yes
28	RP0091700	VANDERWOUDE, BILL J & RUBY A	154034					Yes
29	RP0091800	MCCULLOUGH, REBEKAH						
30	RP0091900	JASON SMITH	150538					Yes
31	RP0028901	ALLEN, RICHARD V. & DIANE TRST	136810					Yes
32	RP0029000	JONES, EDWARD RAY TRUST	156355					Yes
33	RP0029100	WAKLEY, GARY H						
34	RP0029201	BEYLER, MARTIN & CARIE SUE						
35	RP0092000	JACKSON, DELYNN M	156750					
36	RP0092100	DAY, NORMAN D	113520					Yes
37	RP0092200	THOMAS, GLORIA JEAN SP	122617					Yes
38	RP0092300	BROWN, ROYMOND E JR &	149001					Yes
39	RP0030700	HILL FAMILY TRUST	116970					N/A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_TOM-002.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

TOTAL OWNERSHIP MAP  
BANNOCK ST., MALAD CITY

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 6 OF 118



1/28/2025 F:\Rexburg\01\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\19622\_TOM-003.dgn

PARCEL NO.	PARCEL I.D. NO.	RECORD OWNER	INSTRUMENT NO.	TOTAL OWNERSHIP ASSESSED AREA	RIGHT OF WAY REQ. EXIST.	REMAINDER Lt.	Rt.	TEMPORARY EASEMENT
40	UP&L	UP&L						Yes
41	RP0087501	ROBBINS, RICHARD C ET-UX						N/A
42	RP0087400	HILL, HAILEY						N/A
43	RP0087300	MALAD CITY						N/A
44	RP0092400	GIBBY, HOWARD & GAIL						Yes
45	RP0092500	APODACA, ERNEST B ETAL	114963					
46	RP0092800	HIGLEY, JASON & LAURA	141786					
47	RP0031000	ROBBINS, ANEISHA	137118					
48	RP0031200	BAILEY, TRISTEN	139730					
49	RP0031400	SHANDREW, JOSH & MAKINZIE	157150					Yes
50	RP0092800	HIGLEY, JASON & LAURA	141786					
51	RP0092900	BRIAN, JAMES & JENNIFER H&W CP	147733					
52	RP0030300	YEARSLEY, GERALD EARL	155099					Yes
53	RP0093200	MONICO, CHRISTIAN & ASHLEY	117575					
54	RP0030300	YEARSLEY, GERALD EARL	155099					
55	RP0093200	EDWARDS, EDWARD DAVID	156109					Yes
56	RP0093100	WILLIAMS, J HUGH LIVING TRUST	145930					Yes
57	RP0030200	HUNTER, CHRIS M	153341					Yes
58	RP0030100	THOMAS, JOSEPH & SHERRIE TRUST	138361					Yes
59	RP0093404	SEMRAD, MICHAEL V & AVIS K	129969					Yes
60	RP0093404	SEMRAD, MICHAEL V & AVIS K	129969					Yes
61	RP0033900	CROCKETT, RICHARD						
62	RP0095200	BRAEGGER, LYLE J & SUE	146832					Yes
63	RP0095100	GEARY, LYNNE						
64	RP0031500	NIMER, DAVID K & LUCINDA	150738					
65	RP0096100	SHARP, NATALIE	123365					Yes
66	RP0031800	SPERRY, JASON & JENNIFER	139167					
67	RP0032000	DANIELS, BRITTNEY	15595					
68	RP0096000	COTTAM, DOUGLAS & CHRISTINE	136328					Yes
69	RP0031901	ALLEN, BRUCE HARDTAIL LIV TRUST	138968					
70	RP0031900	CHERRY, TREAVER JAY	153378-9					
71	RP0095601	LANGSTON, SUSAN TRUST	157002					Yes
72	RP0032600	IDAHO MILLING & GRAIN LLC						
73	RP0031900	CHERRY, TREAVER JAY	153378-9					
74	RP0095801	BALDWIN, GARY ETAL						
75	RP0032600	IDAHO MILLING & GRAIN LLC						

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_TOM-003.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

TOTAL OWNERSHIP MAP  
BANNOCK ST., MALAD CITY

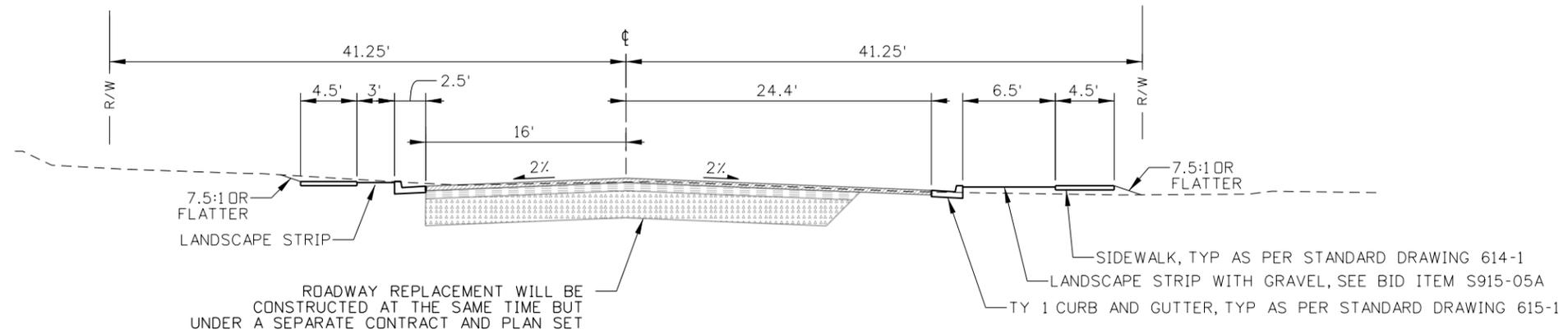
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 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 7 OF 118



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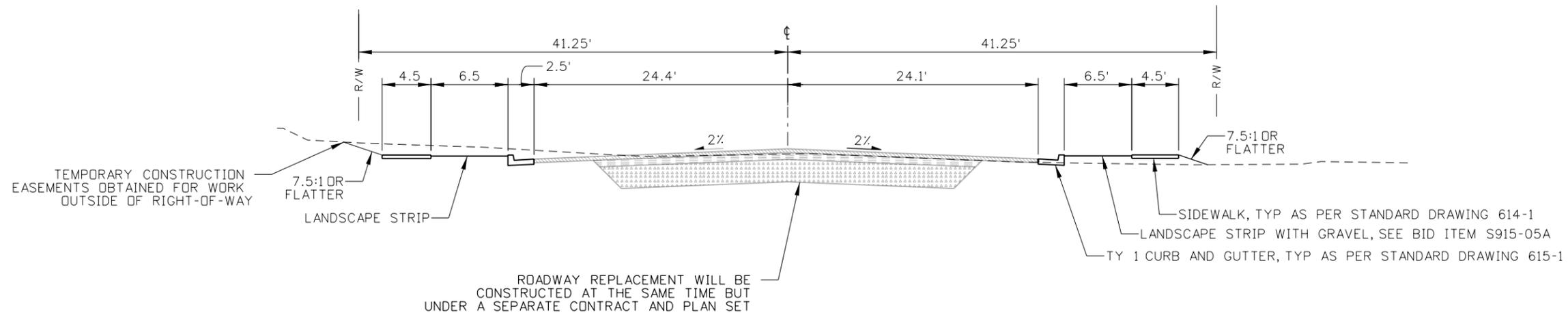
### TYPICAL SECTION BANNOCK ST

N.T.S.  
Sta. 10+00 To Sta. 16+28



### TYPICAL SECTION BANNOCK ST

N.T.S.  
Sta. 18+28 To Sta. 25+29.48



Note: See Sidewalk, Curb And Gutter Plan Sheet 41 for Sta. 16+28 To 18+28.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. SOUTHWICK  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 23901\_TYP\_001.dgn  
 DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  
A023(901)

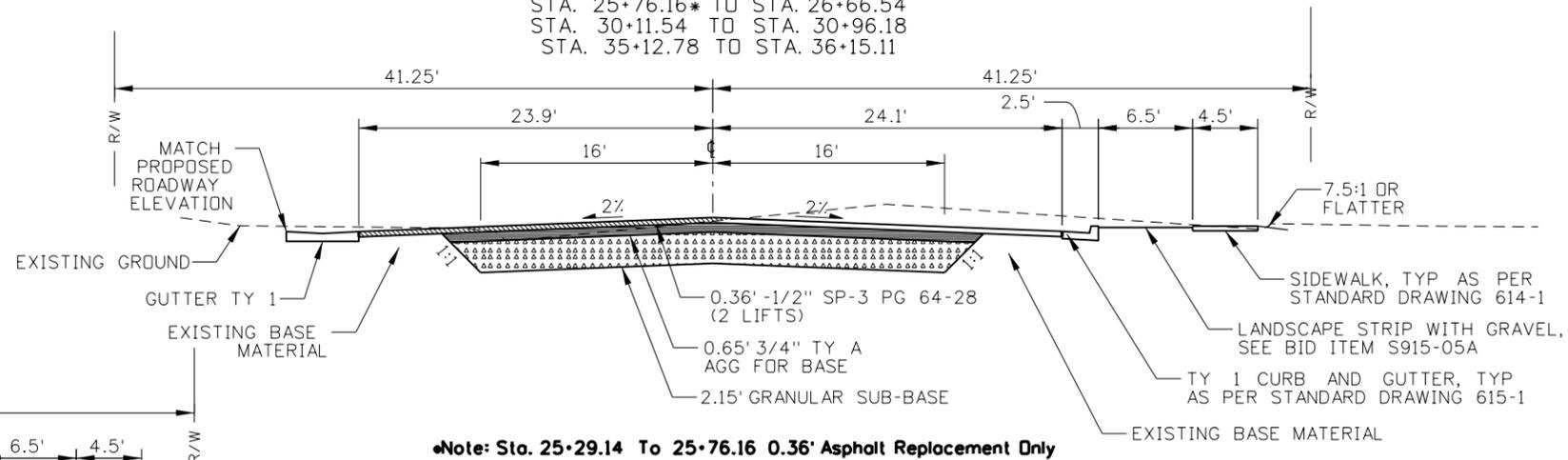
TYPICAL SECTIONS  
BANNOCK ST., SIDEWALKS  
TAP GRANT

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 23901  
 SHEET 8 OF 118

1/28/2025 F:\Rexburg\01\19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\19622\_TYP\_001.dgn

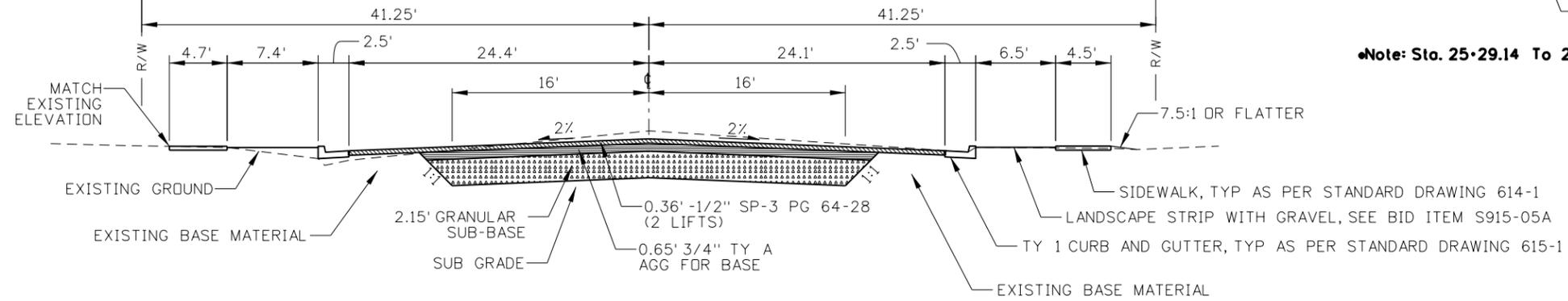
**TYPICAL SECTION BANNOCK ST**

N.T.S.  
 STA. 25+76.16\* TO STA. 26+66.54  
 STA. 30+11.54 TO STA. 30+96.18  
 STA. 35+12.78 TO STA. 36+15.11



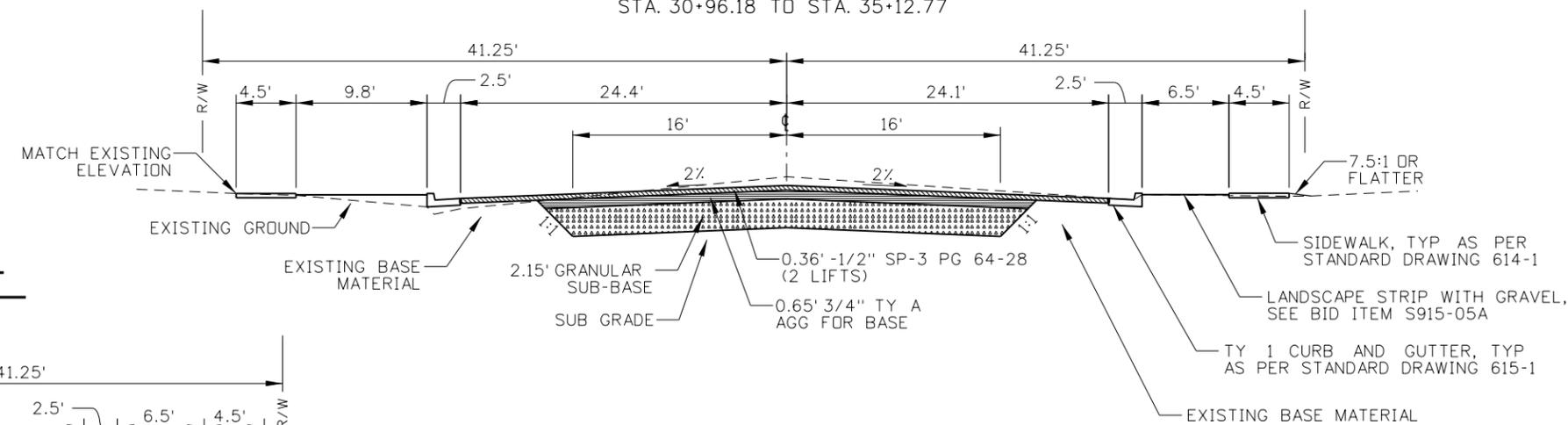
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N.T.S.  
 STA. 26+66.54 TO STA. 30+11.54



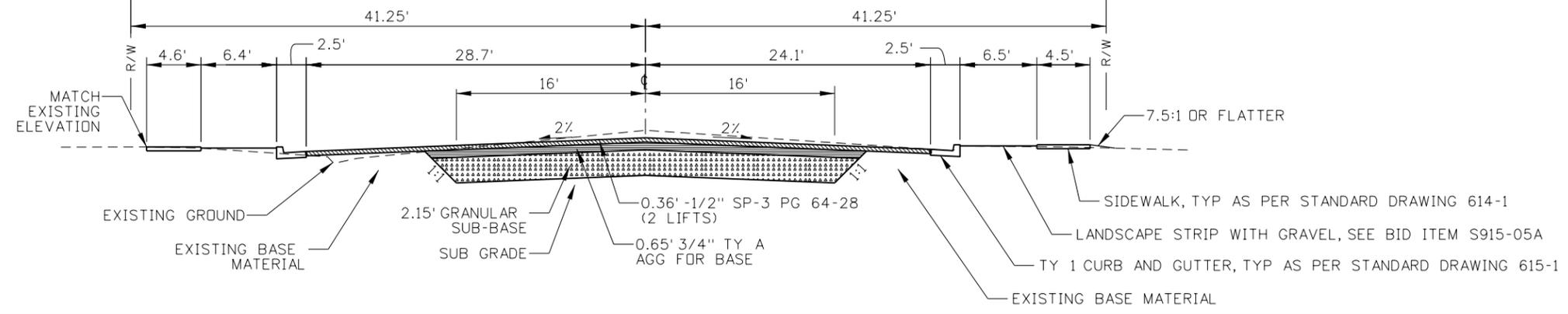
**TYPICAL SECTION BANNOCK ST**

N.T.S.  
 STA. 30+96.18 TO STA. 35+12.77



**TYPICAL SECTION BANNOCK ST**

N.T.S.  
 STA. 36+15.11 TO STA. 41+71.96



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_TYP_001.dgn  DRAWING DATE: OCT 2022
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

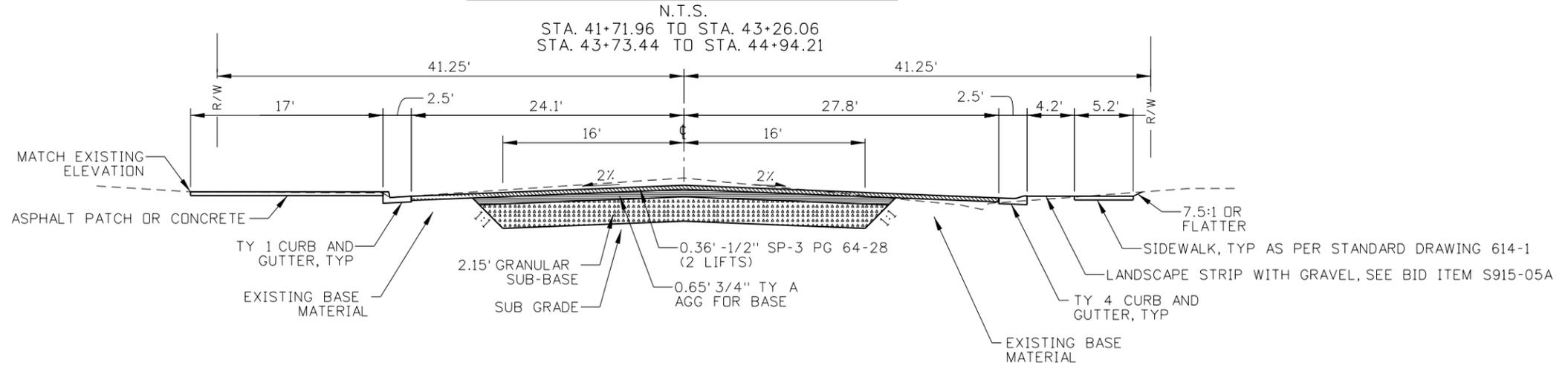
PROJECT NO.	A019(622)
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TYPICAL SECTIONS	BANNOCK ST., MALAD CITY
------------------	-------------------------

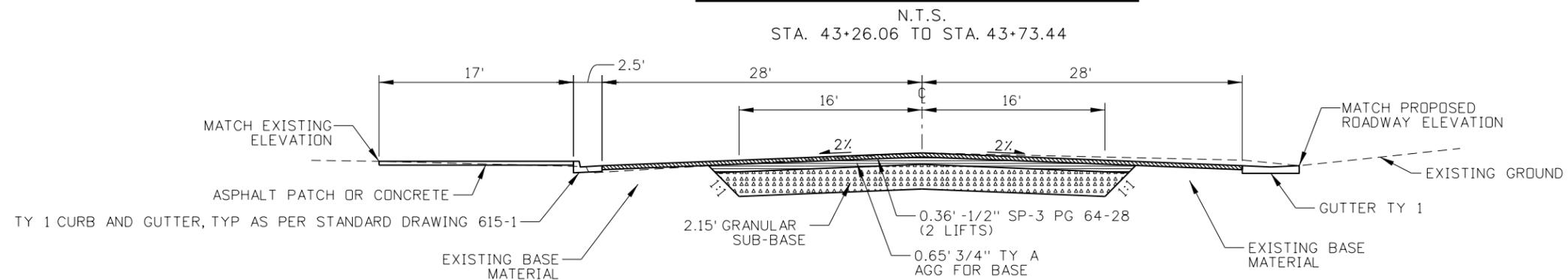
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COUNTY ONEIDA
KEY NUMBER 19622
SHEET 9 OF 118

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### TYPICAL SECTION BANNOCK ST

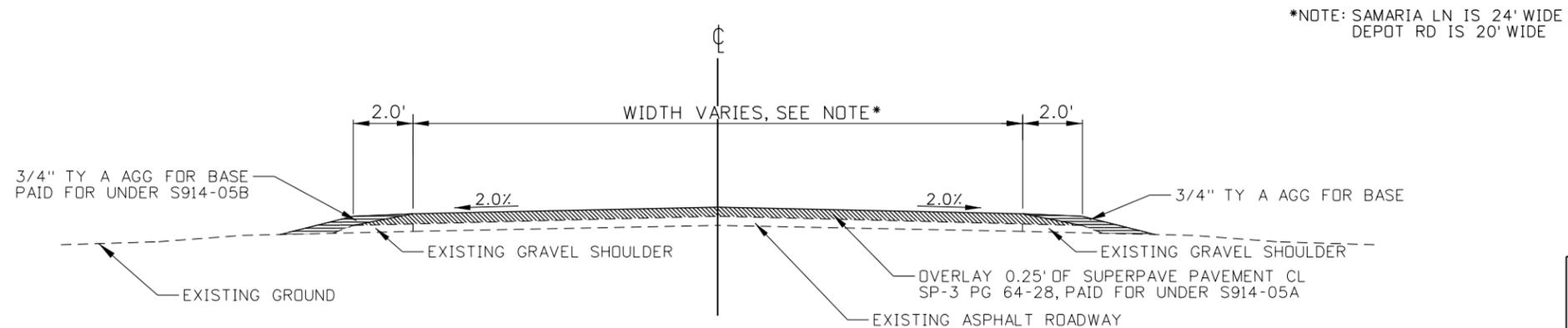


### TYPICAL SECTION BANNOCK ST



### TYPICAL SECTION DETOUR ROUTE

N.T.S.  
FROM INTERSECTION OF SAMARIA LANE AND BANNOCK STREET  
TO INTERSECTION OF DEPOT RD AND HWY 38



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_TYP_002.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO  
TRANSPORTATION  
DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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TYPICAL SECTIONS	BANNOCK ST., MALAD CITY
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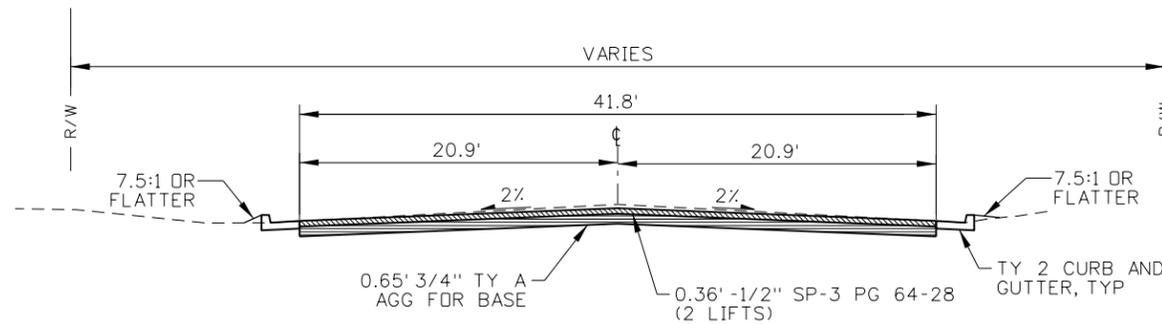
<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 10 OF 118



1/28/2025 F:\Rexburg\01\01-19-0117 Bannock St. Phase I Design\9 CAD\pr\19622\Project\_Development\Plan\_Sheets\19622\_TYP\_003.dgn

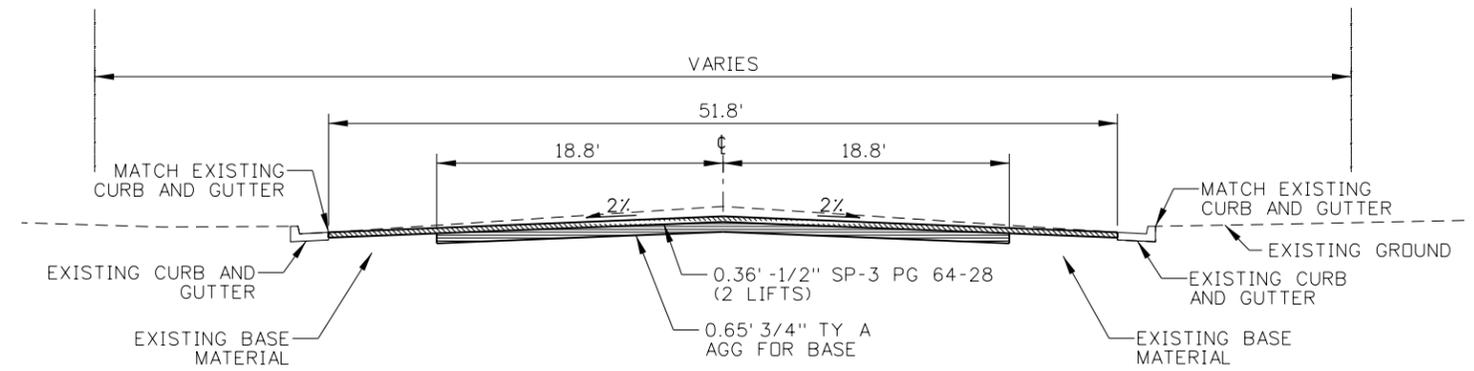
### TYPICAL SECTION 200 NORTH

N.T.S.  
STA. 300+44.81 TO STA. 301+02.15



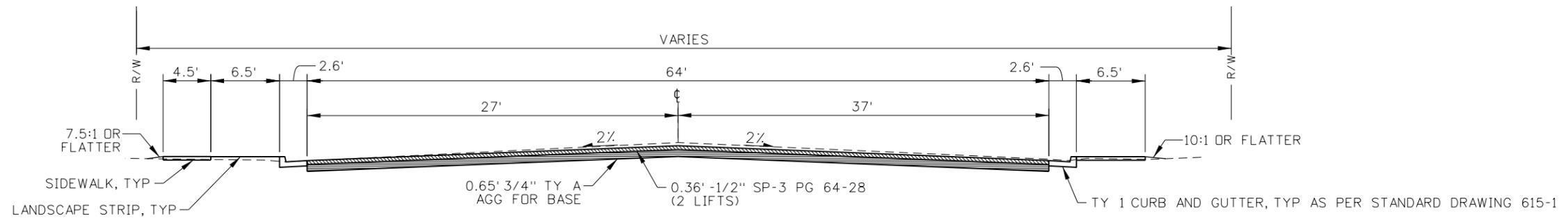
### TYPICAL SECTION 300 WEST

N.T.S.  
STA. 400+32.50 TO STA. 400+56.99



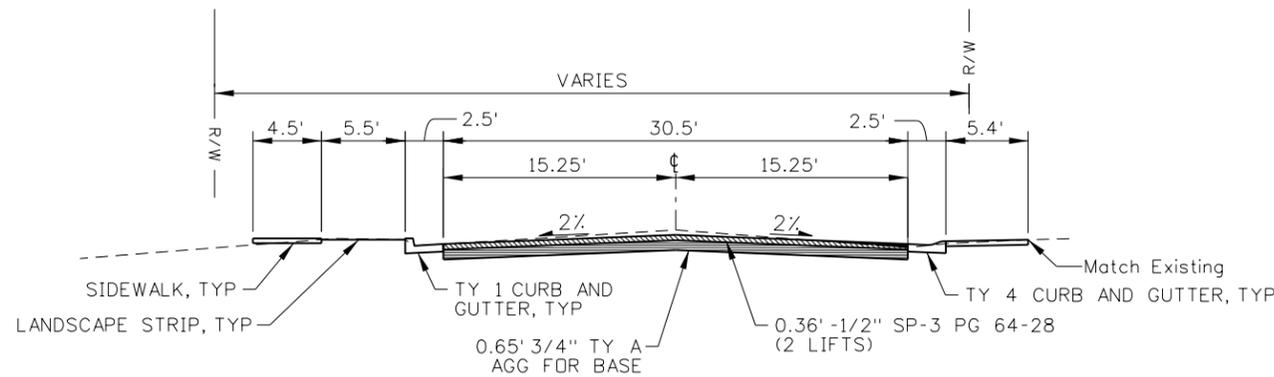
### TYPICAL SECTION 200 WEST

N.T.S.  
STA. 200+06.25 TO STA. 200+36.251



### TYPICAL SECTION BUSH AVE.

N.T.S.  
STA. 100+25.79 TO STA. 101+34.07



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 19622_TYP_003.dgn
DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.	A019(622)
-------------	-----------

TYPICAL SECTIONS	BANNOCK ST., MALAD CITY
------------------	-------------------------

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 11 OF 118

PROFESSIONAL ENGINEER  
LICENSED  
*Camille Miller*  
17891  
12-22-2022  
STATE OF IDAHO  
CAMILLE MILLER

1/28/2025 F:\Rexburg\01\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_PRSM\_01.dgn

### CLEARANCES

PROJECT STANDARDS  
 CONCEPT APPROVAL  AASHTO  3R  1R  STATE  
 PM  OTHER \_\_\_\_\_  
 DESIGN EXCEPTIONS: \_\_\_\_\_  
 PUBLIC HEARING WAIVER \_\_\_\_\_  
 PUBLIC HEARING DATE (Latest hearing date held or scheduled for opportunity) \_\_\_\_\_  
 DESIGN APPROVAL \_\_\_\_\_  
 RECLAMATION PLAN APPROVAL NO(S) \_\_\_\_\_  
 AIRPORT \_\_\_\_\_  
 Land Survey Monument Search and Documentation (I.C.55-1613) \_\_\_\_\_  
 R/W CERTIFICATE: Issued by  HQ  DISTRICT \_\_\_\_\_  
 TRIBAL LANDS:  AGREEMENT REQUIRED  SPECIAL PROVISIONS FOR CONTRACT PROPOSAL \_\_\_\_\_  
 BRIDGE PS & E \_\_\_\_\_  
 ENVIRONMENTAL DECISION: TYPE  CAT-EX  FONSI  ROD \_\_\_\_\_  
 ENVIRONMENTAL RE-EVALUATION \_\_\_\_\_

* CLEARED UNDER PROJECT NO.	* APPROVAL DATE
A023(901)	01-17-2022
N/A	N/A
A023(901)	04-30-2024
N/A	N/A
N/A	N/A
A023(901)	01-05-2024
A023(901)	09-02-2025

### PERMITS

IDAHO DEPARTMENT OF WATER RESOURCES PERMIT NO(S) \_\_\_\_\_  
 US ARMY CORPS OF ENGINEERS 404 PERMIT NO(S) \_\_\_\_\_  
 OTHER \_\_\_\_\_  
 DEQ SECTION 401 WATER QUALITY CERTIFICATION  YES  NO  
 NPDES GENERAL PERMIT/SWPPP REQUIRED:  YES  NO  
 POLLUTION PREVENTION PLAN (PPP)  YES  NO

	* EXPIRATION DATE
N/A	N/A
N/A	N/A
N/A	N/A

### AGREEMENTS (List Appropriate Name)

LOCAL: CITY \_\_\_\_\_  
 COUNTY \_\_\_\_\_  
 HIGHWAY DISTRICT \_\_\_\_\_  
 ROAD CLOSURE AND MAINTENANCE \_\_\_\_\_  
 STATE/LOCAL CONSTRUCTION MALAD CITY

N/A	N/A
A023(901)	12-08-2022

IRRIGATION DISTRICT(S): Crossing Agreement Required  YES  NO  
 (Signatures Required on either Structure Drawing or Bridge Sheet)

UTILITIES: List all Utilities shown on plans  RETAIN & PROTECT

Co. ATC COMMUNICATIONS	<input checked="" type="checkbox"/>
Co. ROCKY MOUNTAIN POWER	<input checked="" type="checkbox"/>
Co. _____	<input type="checkbox"/>
Co. _____	<input type="checkbox"/>
Co. _____	<input type="checkbox"/>
Co. _____	<input type="checkbox"/>
Co. _____	<input type="checkbox"/>
Co. _____	<input type="checkbox"/>

* APPROVAL DATES		* AGREEMENT NO.
UTILITY HEARING WAIVER	AGREEMENT	
A019(622)	N/A	N/A
A019(622)	N/A	N/A
N/A	N/A	N/A

RAILROAD List all Railroads encroached upon

* AGREEMENT FOR	EFFECTIVE DATE	NO.
N/A	N/A	N/A
N/A	N/A	N/A

\* ENTER "N/A" WHEN NOT APPLICABLE  
 \*\* LPA PROJECTS - DATE ENTERED BY ROADWAY DESIGN WHEN PROJECT SENT TO PS&E.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. SOUTHWICK  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 23901\_PRSM\_01.dgn  
 DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  
A023(901)

PROJECT CLEARANCE SUMMARY  
BANNOCK ST., SIDEWALKS  
TAP GRANT

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 23901  
 SHEET 12 OF 118



1/28/2025 F:\Rexburg\01\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\19622\_PRSM\_01.dgn

CLEARANCES

PROJECT STANDARDS
CONCEPT APPROVAL [ ] AASHTO [ ] 3R [ ] 1R [ ] STATE
DESIGN EXCEPTIONS:
PUBLIC HEARING WAIVER
PUBLIC HEARING DATE (Latest hearing date held or scheduled for opportunity)
DESIGN APPROVAL
RECLAMATION PLAN APPROVAL NO(S)
AIRPORT
Land Survey Monument Search and Documentation (I.C.55-1613)
R/W CERTIFICATE: Issued by [ ] HQ [ ] DISTRICT
TRIBAL LANDS: [ ] AGREEMENT REQUIRED [ ] SPECIAL PROVISIONS FOR CONTRACT PROPOSAL
BRIDGE PS & E
ENVIRONMENTAL DECISION: TYPE [ ] CAT-EX [ ] FONSI [ ] ROD
ENVIRONMENTAL RE-EVALUATION

Table with 2 columns: \*CLEARED UNDER PROJECT NO., \*APPROVAL DATE. Rows include A019(622), N/A, A019(622), A019(622), A019(622), A019(622), A019(622), A019(622), A019(622), A019(622).

ESTIMATING BASIS

Paving: 1/2" Aggregate For Superpave HMA Pavement Cl. SP-3. PG 64-28 Asphalt Cement For Superpave HMA Pavement Cl. SP-3 @ 5.5%, By Weight Of Mix, Including 0.5% Anti-Stripping, Estimated.
Prime Coat: CSS-1h Diluted Emulsified Asphalt For Prime Coat At 0.18 Gal./S.Y., Estimated
Tack Coat: CSS-1h Diluted Emulsified Asphalt For Tack Coat At 0.08 Gal./S.Y., Estimated
Aggregate: 1/2" Aggregate For Superpave HMA Plantmix Class SP-3, at 146 Lbs./C.F., Including Asphalt And Additives.
3/4" Aggregate Type A for Untreated Base At 144 Lbs./C.F., Including 7% Water, Estimated.
Grannular Subbase at 138 Lbs./C.F., Including 7% Water, Estimated.
Note: Smoothness Schedule II is Specified for Construction.

PERMITS

IDAHO DEPARTMENT OF WATER RESOURCES PERMIT NO(S)
US ARMY CORPS OF ENGINEERS 404 PERMIT NO(S)
OTHER
DEQ SECTION 401 WATER QUALITY CERTIFICATION [ ] YES [ ] NO
NPDES GENERAL PERMIT/SWPPP REQUIRED: [ ] YES [ ] NO
POLLUTION PREVENTION PLAN (PPP) [ ] YES [ ] NO

Table with 2 columns: \*EXPIRATION DATE. Rows include N/A, N/A, N/A.

AGREEMENTS (List Appropriate Name)

LOCAL: CITY
COUNTY
HIGHWAY DISTRICT
ROAD CLOSURE AND MAINTENANCE
STATE/LOCAL CONSTRUCTION MALAD CITY

Table with 2 columns: \*AGREEMENT FOR, \*EXPIRATION DATE. Row includes A019(622), 06-13-2025.

IRRIGATION DISTRICT(S): Crossing Agreement Required [ ] YES [ ] NO
(Signatures Required on either Structure Drawing or Bridge Sheet)

UTILITIES: List all Utilities shown on plans
ATC COMMUNICATIONS [ ] RETAIN & PROTECT
ROCKY MOUNTAIN POWER [ ] RETAIN & PROTECT

Table with 3 columns: \*APPROVAL DATES, \*AGREEMENT NO. Rows include UTILITY HEARING WAIVER, AGREEMENT.

RAILROAD List all Railroads encroached upon
Co. N/A

Table with 3 columns: \*AGREEMENT FOR, EFFECTIVE DATE, NO.

\* ENTER "N/A" WHEN NOT APPLICABLE
\*\* LPA PROJECTS - DATE ENTERED BY ROADWAY DESIGN WHEN PROJECT SENT TO PS&E.

Table with 4 columns: NO., DATE, BY, DESCRIPTION. Includes REVISIONS and DESIGNED C. MILLER.

IDAHO TRANSPORTATION DEPARTMENT
FORSGREN Associates Inc.
SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 19622\_PRSM\_01.dgn
DRAWING DATE: OCT 2022

Table with 2 columns: PROJECT NO., PROJECT CLEARANCE SUMMARY. Includes A019(622), BANNOCK ST., MALAD CITY.

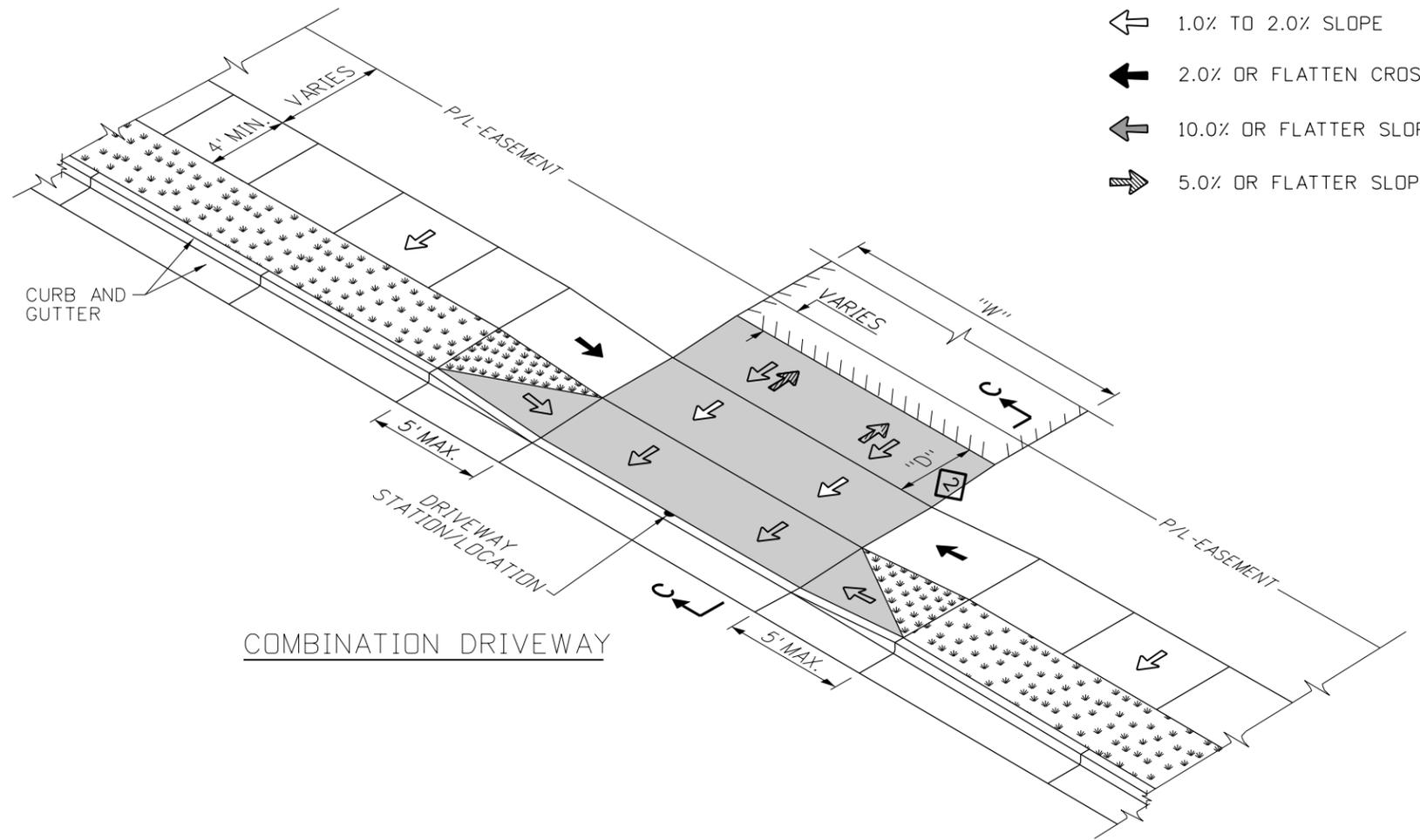
Table with 2 columns: PROJECT CLEARANCE SUMMARY, SHEET 13 OF 118.

English
COUNTY ONEIDA
KEY NUMBER 19622



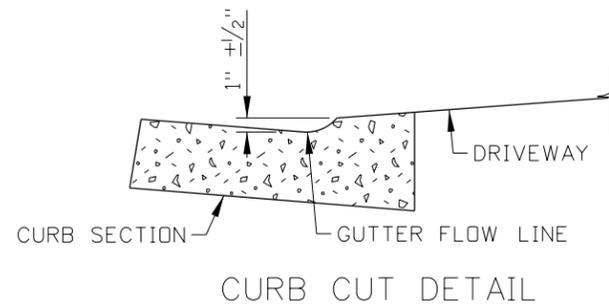
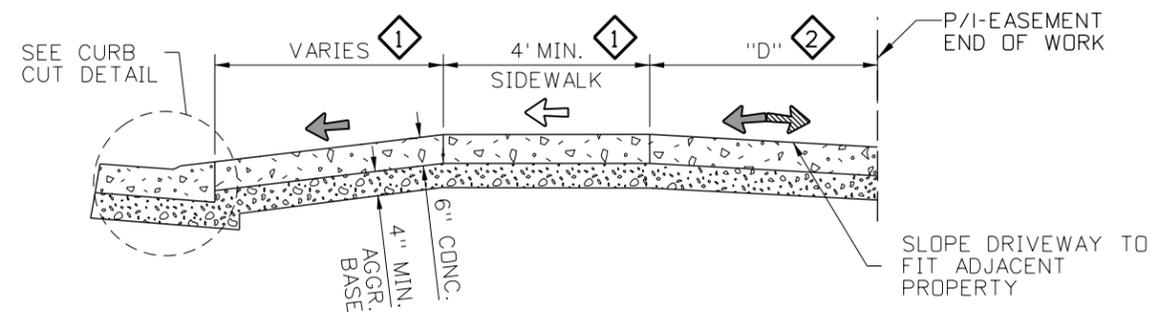
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Station	Offset	Rt/Lt	Address	D, Approx Length (ft)
10+61	-18.5	LT	460 Bannock St	10
11+13	-18.5	LT	460 Bannock St	10
11+83	-18.5	LT	460 Bannock St	10
11+89	26.6	RT	445 & 439 Bannock St	20
12+02	-18.5	LT	442 Bannock St	10
12+54	-18.5	LT	442 Bannock St	10
12+82	-18.5	LT	434 Bannock St	10
12+96	26.6	RT	439 Bannock St	10
13+55	-18.5	LT	434 Bannock St	10
13+60	26.6	RT	423 Bannock St	10
14+46	-18.5	LT	424 Bannock St	10
14+86	-18.5	LT	402 Bannock St	10
15+32	26.6	RT	413 Bannock St	10
16+07	26.6	RT	401 Bannock St	10
17+04	26.6	RT	401 Bannock St	6
19+24	26.6	RT	387 Bannock St	20
19+44	26.6	LT	376 Bannock St	10
20+04	-26.6	LT	376 Bannock St	10
20+13	26.6	RT	381 Bannock St	10
20+53	-26.6	LT	370 Bannock St	10
20+76	26.6	RT	369 Bannock St	20
21+14	-26.6	LT	362 Bannock St	10
21+84	26.6	RT	365 Bannock St	15
22+55	26.6	RT	349 Bannock St	10
22+79	-26.6	LT	352 Bannock St	10
23+06	26.6	RT	343 Bannock St	15
23+44	-26.6	LT	336 Bannock St	10
23+51	26.6	RT	333 Bannock St	15
24+15	-26.6	LT	316 & 326 Bannock St	10
24+26	26.6	RT	Roberts Place	10
25+12	26.6	RT	325 Bannock St	10



**SYMBOL LEGEND**

	1.0% TO 2.0% SLOPE
	2.0% OR FLATTEN CROSS SLOPE
	10.0% OR FLATTER SLOPE
	5.0% OR FLATTER SLOPE



**NOTES**

- EXTENTS OF DRIVEWAY PAY ITEMS 614-020A ARE SHOWN IN GRAY SHADING.
- DRIVEWAY TO CONFORM TO THE LATEST ADA STANDARDS.
- DO NOT PLACE DETECTABLE WARNING SURFACES ON DRIVEWAYS.
- USE A BOND PREVENTATIVE BETWEEN THE DRIVEWAY OR SIDEWALK AND CURB WHEN CONSTRUCTED SEPARATELY AND PLACED ADJACENT TO EACH OTHER.
- ALIGN ALTERNATING CURB AND SIDEWALK JOINTS. CONSTRUCT DRIVEWAY DEPTH JOINT AT 15' AND SIDEWALK JOINTS AT 5' INTERVALS THAT ARE APPROXIMATELY 1/8" WIDE AND 3/4" IN DEPTH.
- DRAWING NOT TO SCALE.
- ALL CONCRETE TO BE 6" THICK WITH 4" MIN. AGGREGATE FOR BASE.
- SEE SIDEWALK, CURB AND GUTTER PLAN SHEETS FOR WIDTH "W" OF EACH DRIVEWAY.

**SECTION C-C**

- SEE TYPICAL SECTION FOR SIDEWALK DIMENSION.
- SEE DRIVEWAY TABLE TO GET DIMENSION "D".

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 23901_DETAILS_001.dgn  DRAWING DATE: JAN 2024
DESIGN CHECKED K. HARRIS	
DETAILED M. SOUTHWICK	
DRAWING CHECKED A. BASS	

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.	A023(901)
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DRIVEWAY DETAILS	BANNOCK ST., SIDEWALKS TAP GRANT
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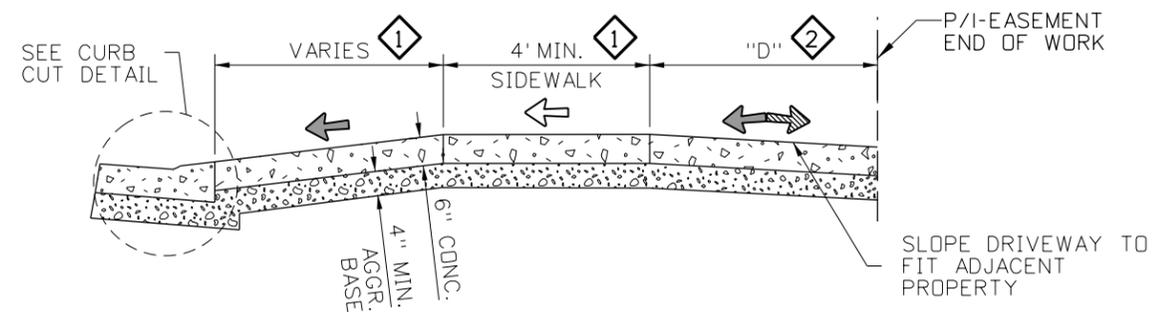
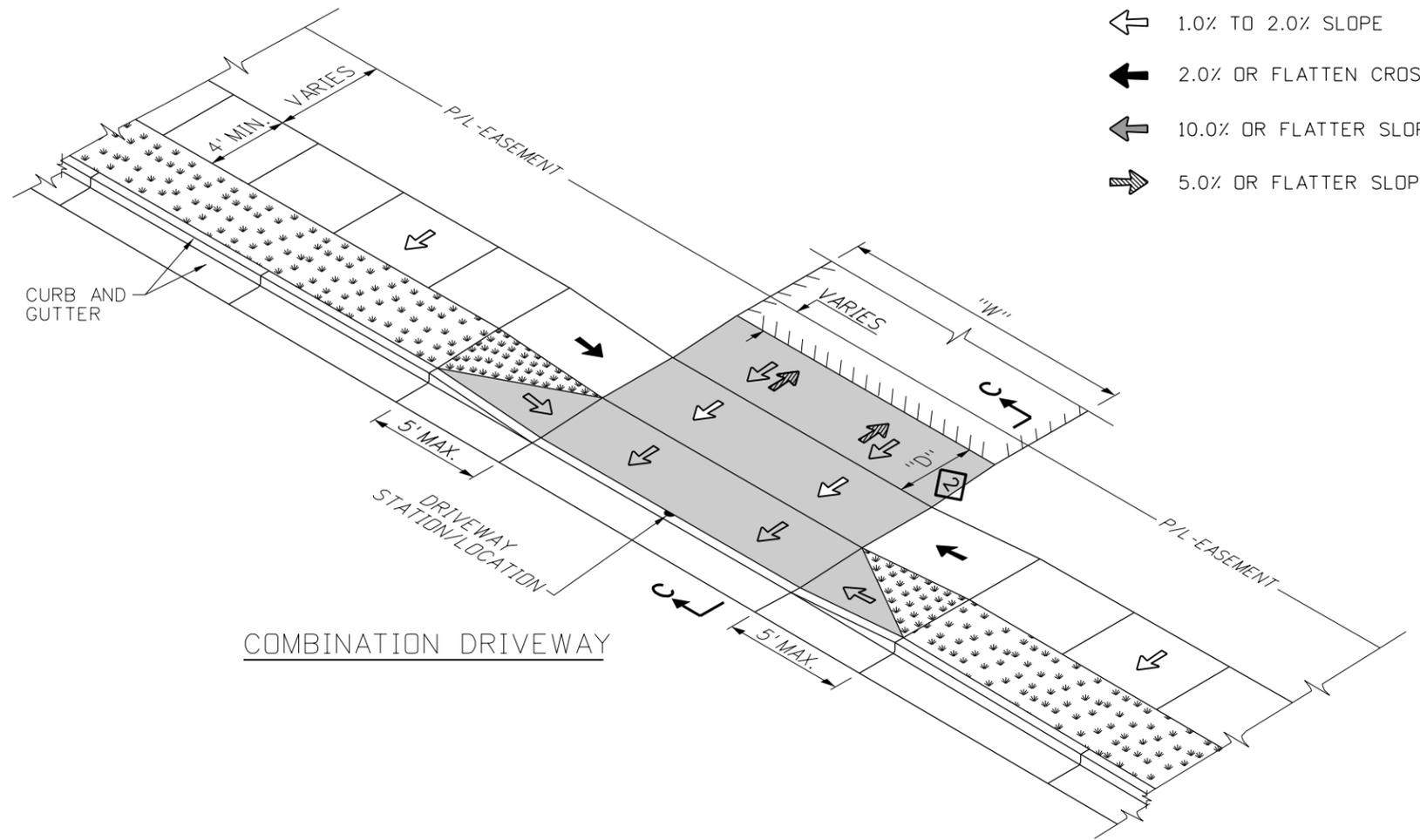
<b>English</b>
COUNTY ONEIDA
KEY NUMBER 23901
SHEET 14 OF 118

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Station	Offset	Rt/Lt	Address	D, Approx. Length (ft)
26+45	26	RT	315 Bannock St.	20
27+04	-26.94	LT	298 Bannock St.	10
27+05	26.69	RT	301 Bannock St.	15
27+74	26.1	RT	297 Bannock St.	15
28+03	26.14	RT	288 Bannock St.	10
28+07	-27.02	LT	289 Bannock St.	10
29+25	-26.92	LT	278 Bannock St.	10
29+60	26.65	RT	281 Bannock St.	10
30+13	-29.55	LT	254 W. 200 N.	10
30+52	26.16	RT	269 Bannock St.	10
31+56	26.41	RT	255 Bannock St.	20
32+33	26.26	RT	241 Bannock St.	10
32+66	26.41	RT	239 Bannock St.	10
33+90	25.95	RT	229 Bannock St.	10
34+88	25.99	RT	219 Bannock St.	20
35+45	26.7	RT	205 Bannock St.	10
35+99	26.04	RT	201 Bannock St.	10
37+56	-31.21	LT		10
37+61	26.18	RT	197 Bannock St.	10
38+18	-31.37	LT	180 Bannock St.	10
38+21	26.43	RT	181 Bannock St.	10
38+46	-31.25	LT	168 Bannock St.	10
38+85	26.14	RT	169 Bannock St.	10
39+77	-31.15	LT	158 Bannock St.	10
40+05	26.17	RT	147 Bannock; 157 Bannock St	10
40+30	-31.21	LT	148 Bannock St.	10
40+96	26.16	RT	143 Bannock St.	10
41+00	-32.21	LT	136 Bannock; 142 Bannock St.	10
41+54	26.36	RT	129 Bannock; 137 Bannock	20
41+62	-30.55	LT	102 Bannock St.	10
43+51	-31.25	LT		15

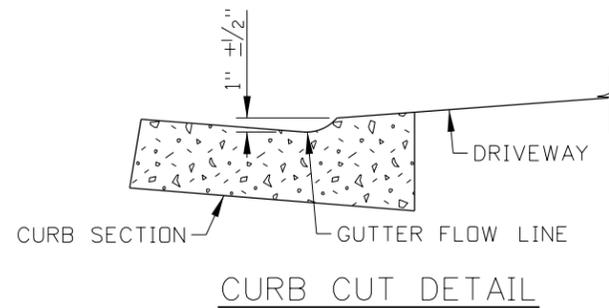
SYMBOL LEGEND

- ↖ 1.0% TO 2.0% SLOPE
- ↗ 2.0% OR FLATTEN CROSS SLOPE
- ↘ 10.0% OR FLATTER SLOPE
- ↙ 5.0% OR FLATTER SLOPE



SECTION C-C

- ① SEE TYPICAL SECTION FOR SIDEWALK DIMENSION.
- ② SEE DRIVEWAY TABLE TO GET DIMENSION "D".



NOTES

- EXTENTS OF DRIVEWAY PAY ITEMS ARE SHOWN IN GRAY SHADING.
- DRIVEWAY TO CONFORM TO THE LATEST ADA STANDARDS.
- DO NOT PLACE DETECTABLE WARNING SURFACES ON DRIVEWAYS.
- USE A BOND PREVENTATIVE BETWEEN THE DRIVEWAY OR SIDEWALK AND CURB WHEN CONSTRUCTED SEPARATELY AND PLACED ADJACENT TO EACH OTHER.
- ALIGN ALTERNATING CURB AND SIDEWALK JOINTS. CONSTRUCT DRIVEWAY DEPTH JOINT AT 15' AND SIDEWALK JOINTS AT 5' INTERVALS THAT ARE APPROXIMATELY 1/8" WIDE AND 3/4" IN DEPTH.
- DRAWING NOT TO SCALE.
- ALL CONCRETE TO BE 6" THICK WITH 4" MIN. AGGREGATE FOR BASE.
- SEE SIDEWALK, CURB AND GUTTER PLAN SHEETS FOR WIDTH "W" OF EACH DRIVEWAY.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_DETAILS_001.dgn DRAWING DATE: OCT 2022
DESIGN CHECKED K. HARRIS	
DETAILED M. PALMER	
DRAWING CHECKED A. BASS	

**IDAHO TRANSPORTATION DEPARTMENT**

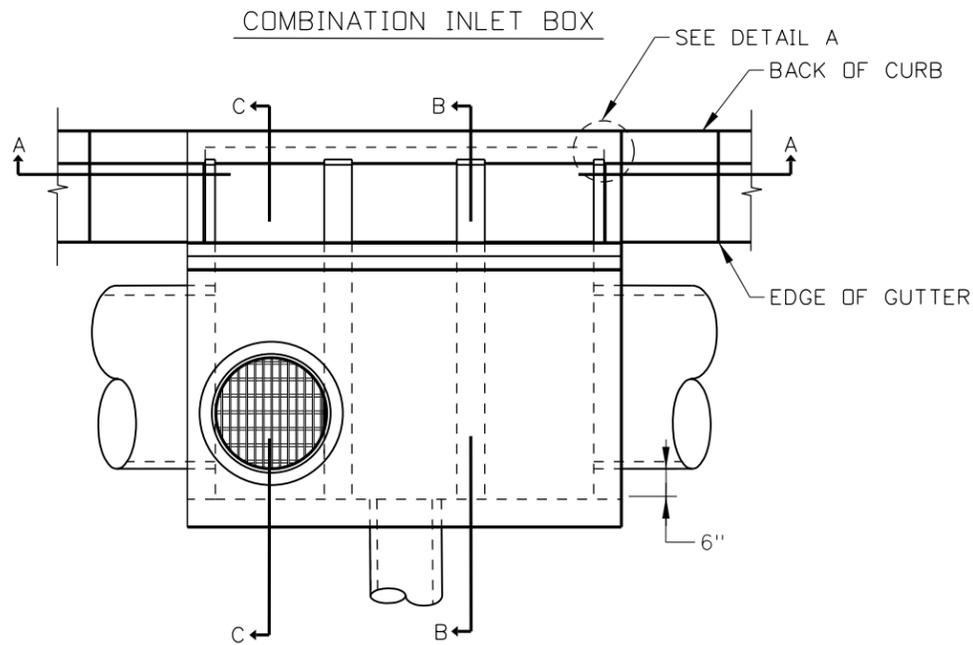
FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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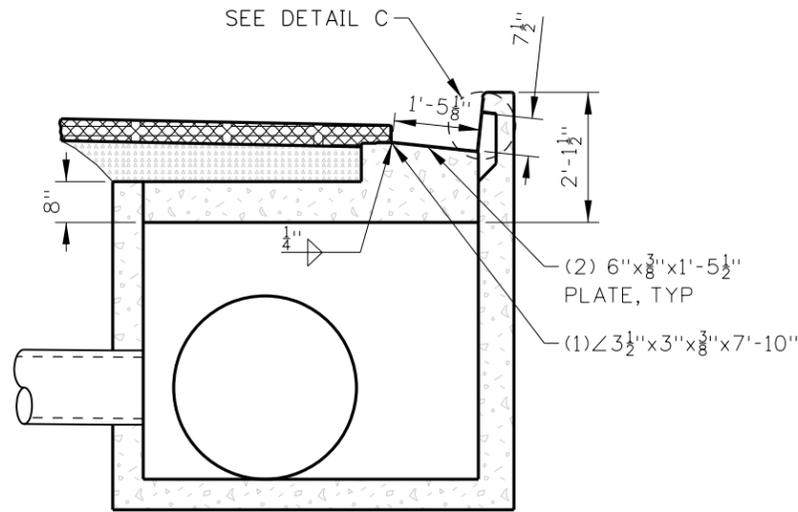
DETAILS	BANNOCK ST., MALAD CITY
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 15 OF 118

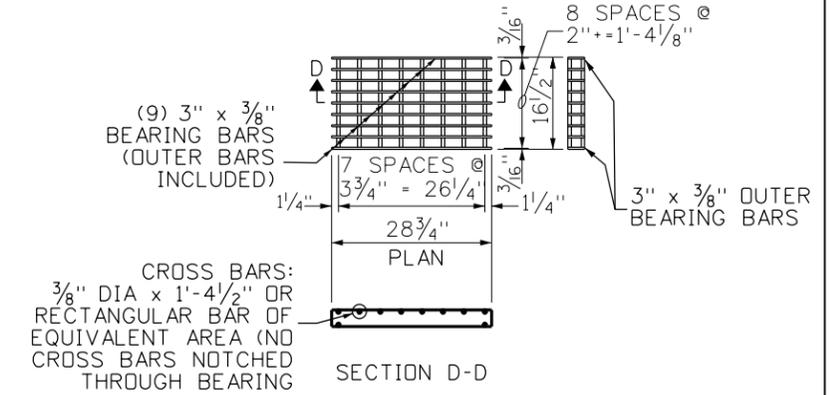
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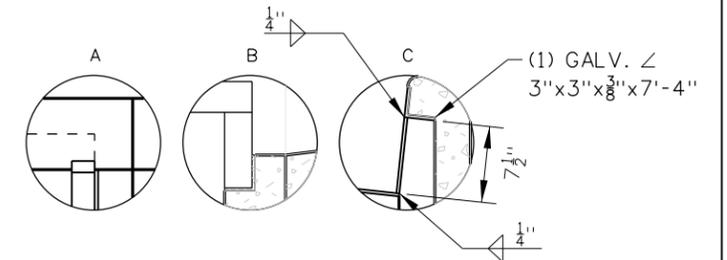
GRATES NOT SHOWN FOR CLARITY  
PLAN VIEW



GRATES NOT SHOWN FOR CLARITY  
SECTION B-B



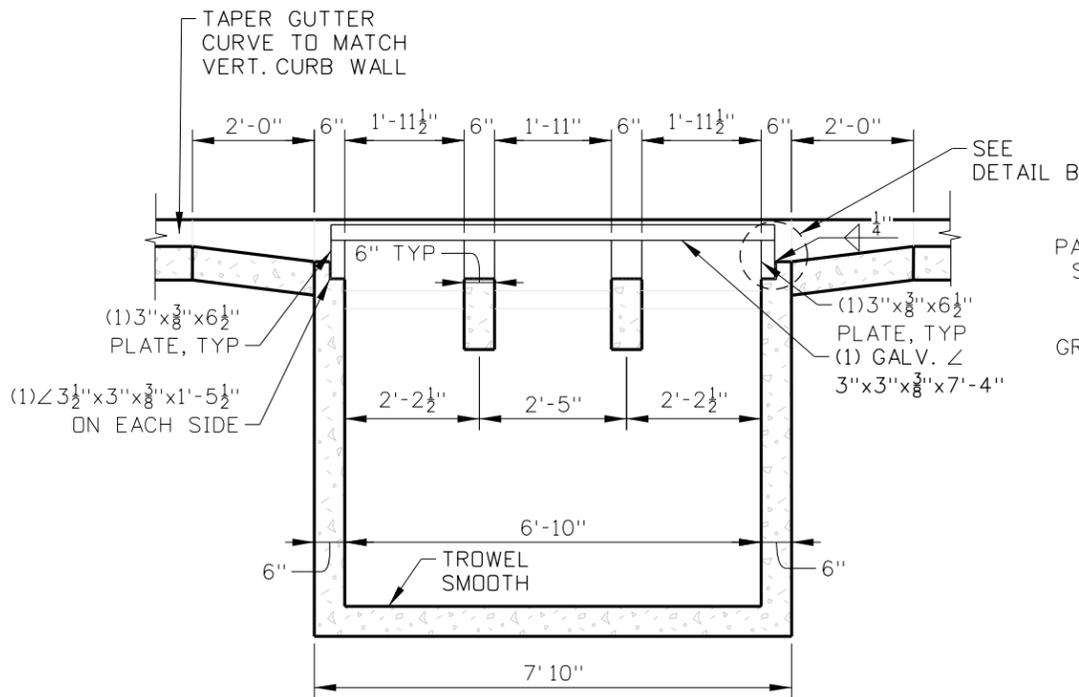
STEEL GRATE  
(WEIGHT: APPROXIMATELY 88 LBS., SEE NOTE 8 & 9)



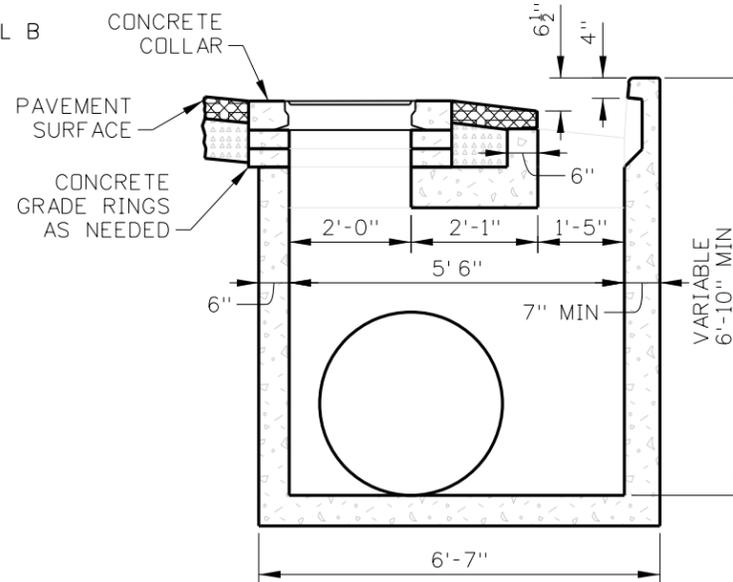
DETAILS A, B, & C

NOTES

1. COMBINATION INLET BOX CAN BE EITHER PRECAST OR CAST-IN-PLACE. DETAILED DRAWING OF COMBINATION INLET BOX SHALL BE SUBMITTED AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION AS DESCRIBED IN S901-05F SP-COMBINATION INLET BOX.
2. CAST-IN-PLACE BOXES SHALL CONFORM TO SECTION 609 - MINOR STRUCTURES OF THE CURRENT ITD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
3. DESIGN LOAD SHALL MEET AASHTO H-20 HIGHWAY LOADING AND CLASS 4000 PSI CONCRETE.
4. ALL REINFORCING STEEL SHALL BE GRADE 60.
5. THE FINISHED TOP OF CONCRETE SHALL BE EVEN WITH THE GRATE SURFACE.
6. THE CATCH BASIN FRAME AND COVER SHALL BE A FLUSH MOUNT TYPE WITH A FRAME NO DEEPER THAN 4". THE FLUSH MOUNT MANHOLE SHALL BE H-20 HIGHWAY LOADING
7. TANK CAPACITY IS APPROXIMATELY 2250 GALLONS OR 300 CUBIC FEET.
8. GRAY IRON CAST TO THE DIMENSIONS GIVEN FOR THE STEEL GRATES MAY BE USED. THE CASTINGS SHALL CONFORM TO AASHTO M306 CLASS 35B GRAY IRON CASTINGS.
9. INLET/CATCH BASIN GRATES MAY EITHER BE RESISTANCE WELED OR ARC WELDED. IN EITHER CASE THE GRATE SHALL BE TRUE AND FLUSH.
10. NOT TO SCALE.
11. STORM SEWER MATERIALS MUST MEET BUY AMERICA REQUIRMENTS.
12. LADDER RUNGS SHALL BE INSTALLED IN ALL CATCH BASINS AND MANHOLES WHEN THE DEPTH OF THE STRUCTURE FROM THE TOP OF THE FRAME TO THE LOWEST FLOW LINE EXCEEDS 4 FEET. LADDER RUNGS SHALL BE SPACED A MAXIMUM OF EIGHTEEN (18) INCHES APART, IN STAIGHT ALIGNMENT AND FIRMLY CAST INTO THE STRUCTURE WALLS. LADDER RUNGS SHALL CONFORM TO AASHTO M 199 (ASTM C478).



GRATES NOT SHOWN FOR CLARITY  
SECTION A-A



GRATES NOT SHOWN FOR CLARITY  
SECTION C-C

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_DETAILS\_002.dgn  
 DRAWING DATE: OCT 2022



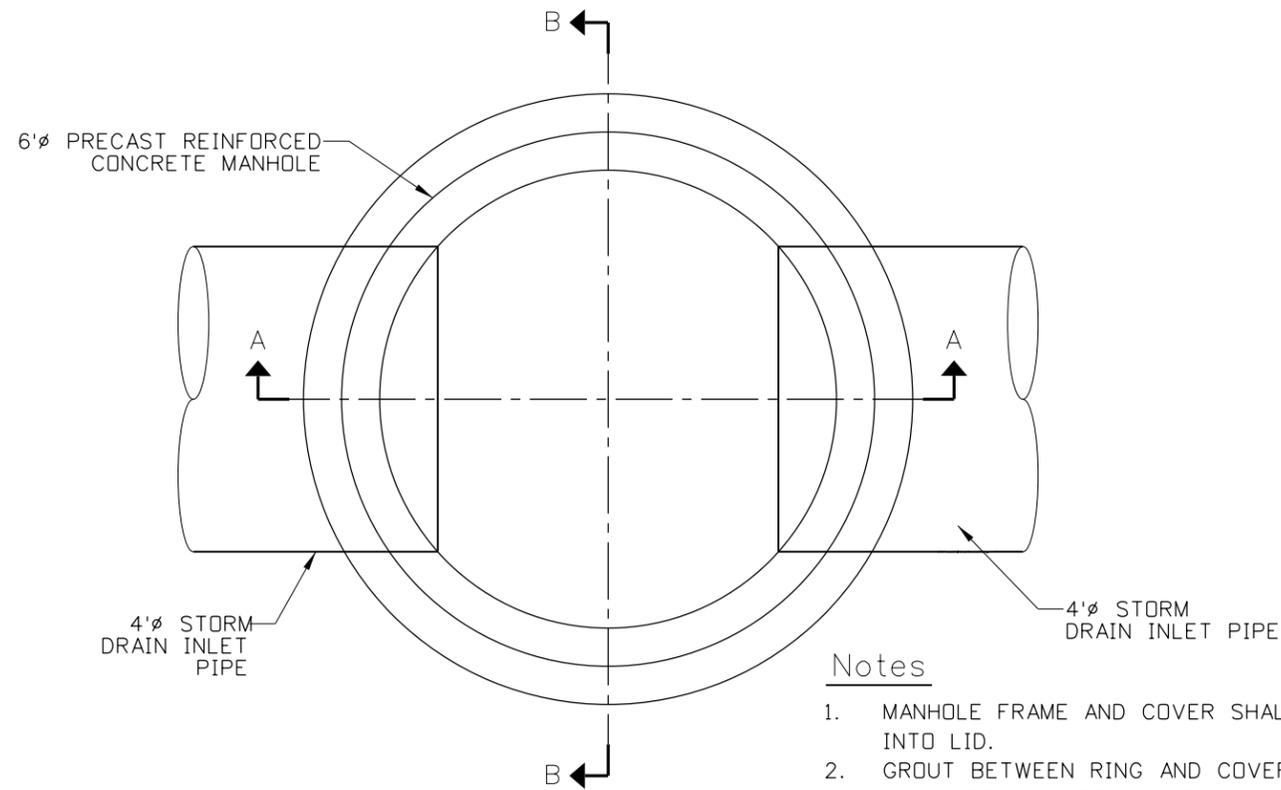
PROJECT NO. A019(622)

STORM SEWER DETAILS  
 BANNOCK ST., MALAD CITY

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 16 OF 118



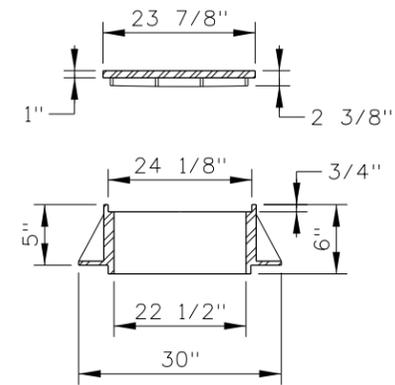
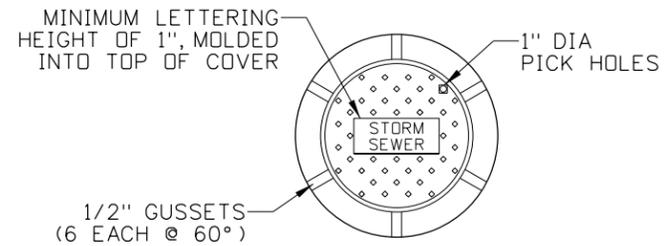
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**Notes**

1. MANHOLE FRAME AND COVER SHALL BE CAST INTO LID.
2. GROUT BETWEEN RING AND COVER AND GRADE RINGS TO PROVIDE A WATER TIGHT SEAL.

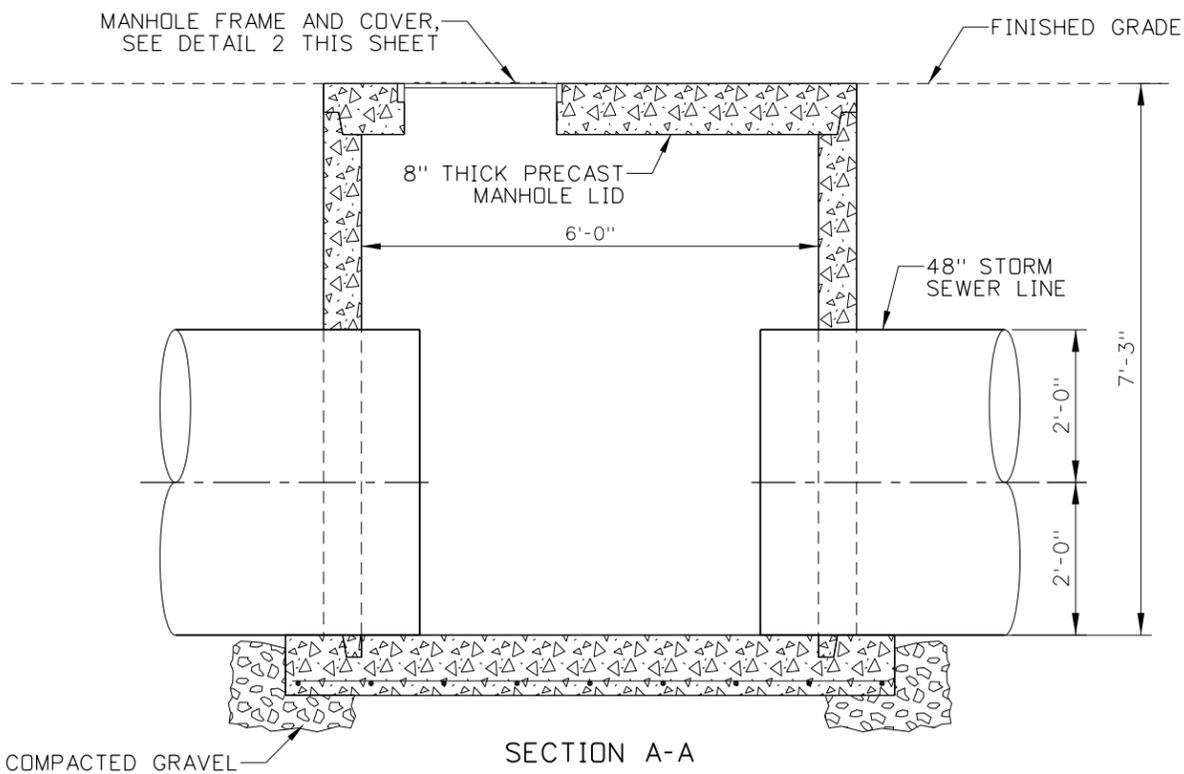
72" Outlet Manhole



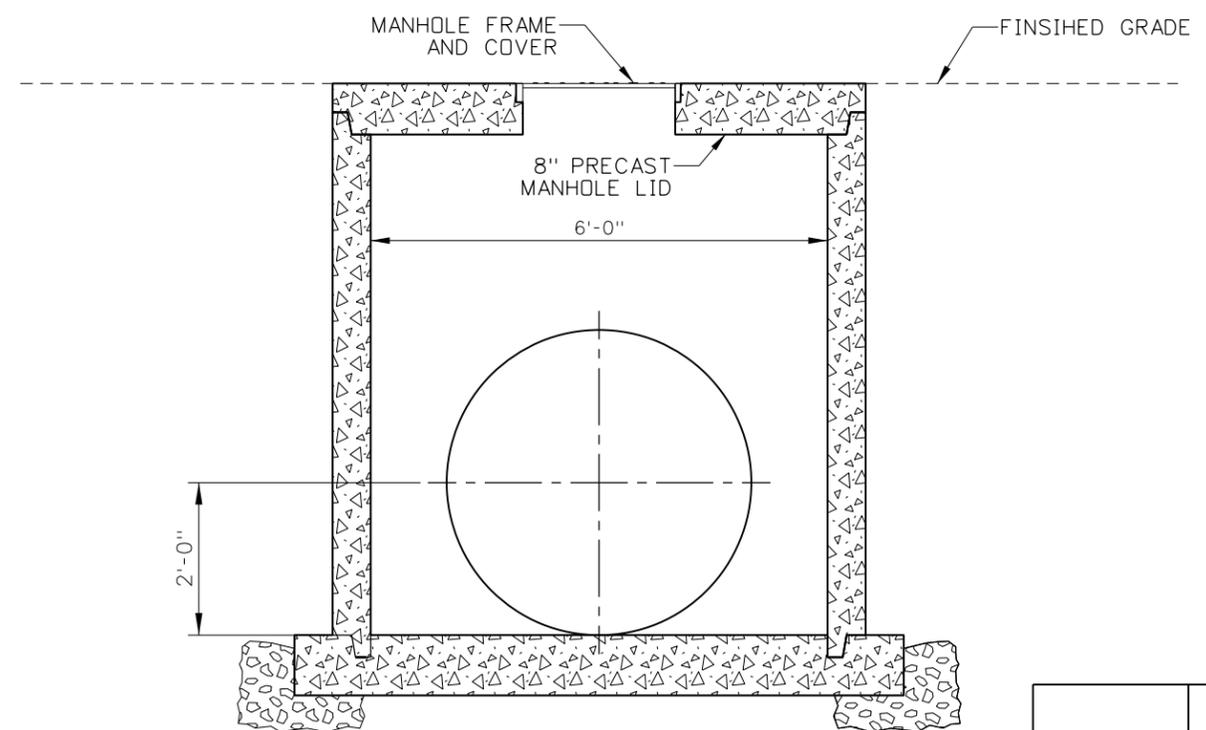
MANHOLE COVER AND FRAME

**NOTES:**

1. MANHOLE FRAMES AND COVERS TO HAVE A TOLERANCE OF 1/4" OR LESS.
2. COVERS NOT TO BE WARPED. REPLACE ALL THAT RATTLE OR VIBRATE WHEN TRAVELED UPON. MACHINE ALL MATCHING SURFACES.
3. MINIMUM WEIGHT OF FRAME AND COVER = 250 LBS.



SECTION A-A



SECTION B-B

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_DETAILS\_003.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

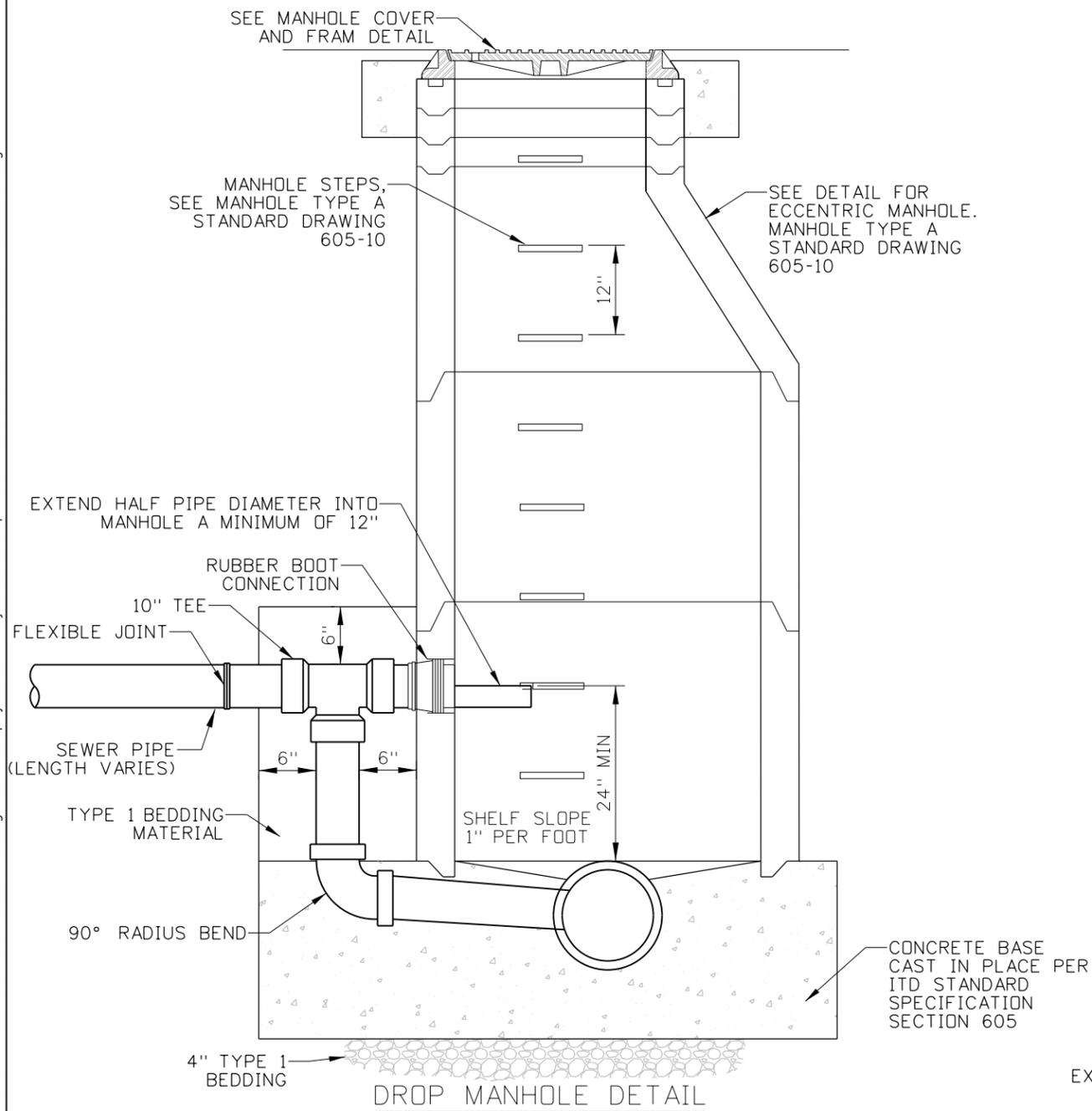
FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

STORM SEWER DETAILS  
BANNOCK ST., MALAD CITY

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 17 OF 118

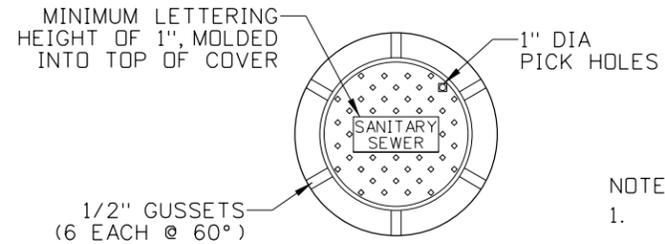
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**DROP MANHOLE DETAIL**

SCALE: N.T.S.

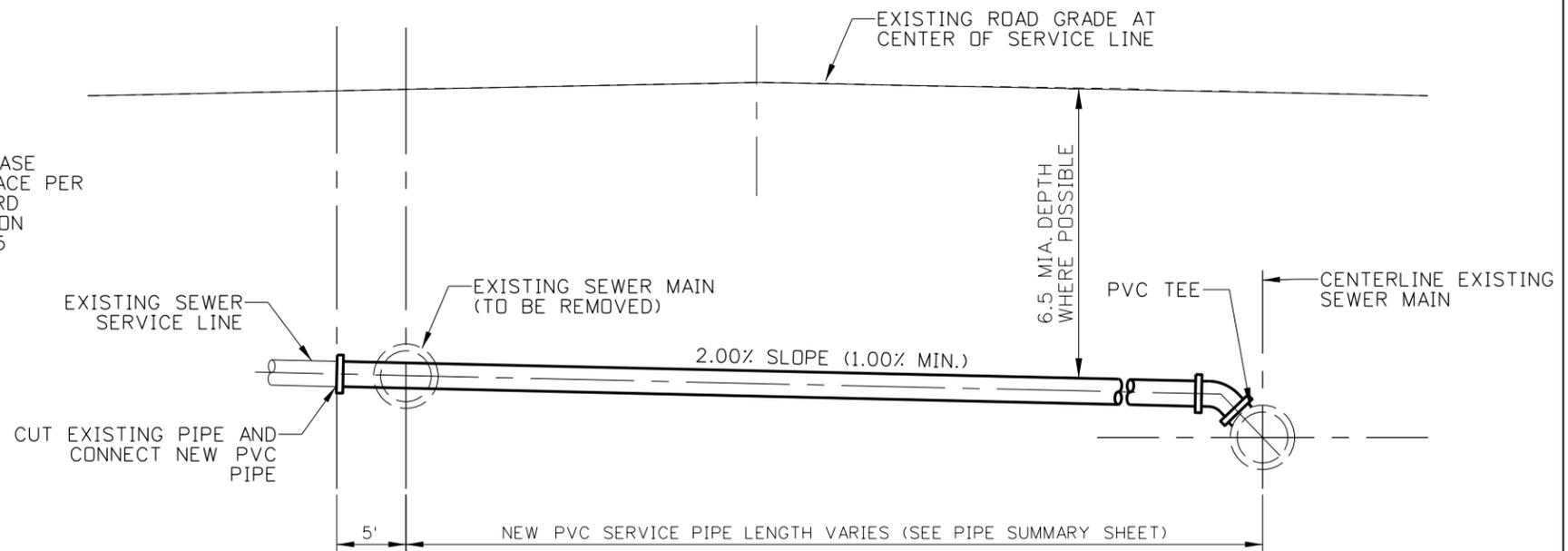
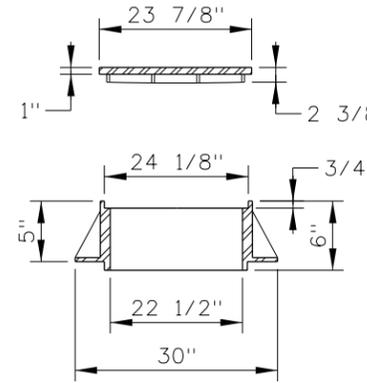
- NOTE:
1. PLACE VERTICAL WALL ON UPSTREAM SIDE OF MANHOLE ROTATED 45 DEGREE.S
  2. DROP MANHOLE SHALL BE USED WHEN INVERT IN IS MORE THAN 2' ABOVE INVERT OUT.
  3. MANHOLE FRAME AND COVER,  
A. FRAME AND COVER SHALL BE FLUSH WITH SLOPE OF FINISHED GRADE.
  4. CONSTRUCT BASIC MANHOLE PER TYPE SPECIFIED.
  5. WHERE PVC PIPE IS UTILIZED, A RUBBER RING OR GASKET COLLAR IS TO BE INSTALLED WHERE THE PIPE IS IN CONTACT WITH MANHOLE BASE AND/OR MANHOLE CHANNEL, IN ORDER TO INSURE A WATERTIGHT SEAL.
  6. IF THE DROP MANHOLE IS ON THE UPSTREAM SIDE, ROTATE MANHOLE 180 DEGREES SO THE VERTICAL WALL WILL BE DOWNSTREAM.
  7. OPTIONAL PREFABRICATED MANHOLE BASE WITH APPROVED PIPE CONNECTIONS MAY BE USED WITH ENGINEER'S APPROVAL.
  8. PROVIDE MANHOLE CONCRETE REINFORCING TO ACCOMMODATE TRAFFIC LOADINGS.
  9. VERIFY WITH ENGINEER AND CITY REGARDING LOCAL PREFERENCE ON INSTALLATION OF MANHOLE STEPS PRIOR TO ORDERING MATERIALS ON INSTALLATION.
  10. ALL SANITARY SEWER MATERIALS WILL MEET REQUIREMENTS OF BUY AMERICA ACT.



**MANHOLE COVER AND FRAME**

NOTES:

1. MANHOLE FRAMES AND COVERS TO HAVE A TOLERANCE OF 1/4" OR LESS.
2. COVERS NOT TO BE WARPED. REPLACE ALL THAT RATTLE OR VIBRATE WHEN TRAVELED UPON. MACHINE ALL MATCHING SURFACES.
3. MINIMUM WEIGHT OF FRAME AND COVER = 250 LBS.



**SANITARY SEWER SERVICE LINE PROFILE**

SCALE: N.T.S.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_DETAILS_004.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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SANITARY SEWER DETAILS	<b>English</b>
BANNOCK ST., MALAD CITY	COUNTY ONEIDA
	KEY NUMBER 19622
	SHEET 18 OF 118

PROFESSIONAL ENGINEER  
LICENSED  
*Camille Miller*  
**17891**  
12-22-2022  
STATE OF IDAHO  
CAMILLE MILLER

F:\Rexburg\01\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\KN 23901 - Sidewalk\23901\_RSSM\_003.dgn

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STATION - STATION				STA. 10+00 TO STA. 14+80	STA. 14+80 TO STA. 19+60	STA. 19+60 TO STA. 24+40	STA. 24+40 TO STA. 26+00	STA. 10+00 TO STA. 14+80	STA. 14+80 TO STA. 19+60	STA. 19+60 TO STA. 24+40	STA. 24+40 TO STA. 26+00	STA. 14+80 TO STA. 19+60	STA. 19+60 TO STA. 24+40	STA. 24+40 TO STA. 26+00	STA. 14+80 TO STA. 19+60
ITEM NO.	ITEM	UNIT	TOTAL												
202-005A	SELECTIVE REMOVAL OF TREES INCLUDING STUMPS	EACH	1			1									
203-006A	REM OF SIGN	EACH	8	1	6		1								
203-055A	REM OF CONC PAV	SY	144		15	129									
203-060A	REM OF CONC SIDEWALK	SY	381		65	216	100								
203-070A	REM OF CURB & GUTTER	FT	756		140	480	136								
212-095A	INLET PROTECTION	EACH	4												4
303-052A	3/4" AGGR TY B FOR BASE	CY	13.5					7.2	6.3						
405-240A	MISC PAVING	SY	32									32			
420-050A	PAVEMENT REMOVAL	SY	40				40								
605-025A	12" STORM SEWER PIPE	FT	375									375			
605-035A	18" STORM SEWER PIPE	FT	739									125	485	129	
605-540A	CATCH BASIN TY 6	EACH	2									2			
605-635A	ADJUST MANHOLE COVERS	EACH	1						1						
614-015A	SIDEWALK	SY	1,082					319	274	375	114				
614-020A	DRIVEWAY	SY	1,279					426	297	510	46				
614-025A	ADA CURB RAMPS	SY	20						20						
615-491A	CURB & GUTTER TYPE 1	FT	2,813					825	768	960	260				
616-080A	REINSTALL SIGN	EACH	8					1	6		1				
626-100A	MISC TEMPORARY TRAF CONT ITEMS	CA	5,000												
651-010A	LAWN CONSTRUCTION (SODDED)	SF	6,256					1,557	1,088	3,211	400				
S610-05A	REMOVE AND RESENT FENCE	FT	63							63					
S901-05A	SP-REMOVE AND RESET MAILBOX	EACH	14					2	2	7	3				
S901-05B	SP - ADJUST WATER METER BASE	EACH	23					6	1	13	3				
S901-05E	SP-ADJUST IRRIGATION SYSTEM	EACH	1							1					
S901-05F	SP-COMBO INLET BOX	EACH	1									1			
S904-05A	SP-TEMPORARY TRAFFIC CONTROL	LS	1												
S915-05A	SP-LANDSCAPE GRAVEL	SF	12,240					3,017	3,104	4,679	1,440				

<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				NO.	DATE	BY	DESCRIPTION													DESIGNED C. MILLER DESIGN CHECKED K. HARRIS DETAILED M. SOUTHWICK DRAWING CHECKED A. BASS		SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 23901_RSSM_003.dgn DRAWING DATE: JAN 2024		<b>IDAHO TRANSPORTATION DEPARTMENT</b>  FORSGREN Associates Inc.		PROJECT NO. A023(901)		ROADWAY SUMMARY BANNOCK ST., SIDEWALKS TAP GRANT			<b>English</b> COUNTY ONEIDA KEY NUMBER 23901 SHEET 19 OF 118			
NO.	DATE	BY	DESCRIPTION																															

1/28/2025 F:\Rexburg\Qif\Structure\Malad\_City\_of\01-19-0117 Bannock St., Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\19622\_RSSM\_001.dgn

SHEET NUMBER				31,48,72 86,97,109	33,50,74 88,98,110	34,52,76 90,99,111	36,54,78 92,100,112	38,56,80 94,101,113	58	60	62	64	82-85 102,103
STATION - STATION				STA. 25+29.48 TO STA. 30+00	STA. 30+00 TO STA. 34+80	STA. 34+80 TO STA. 39+60	STA. 39+60 TO STA. 44+40	STA. 44+40 TO STA. 45+48.83	STA. 100+00 TO STA. 101+34.07	STA. 200+00 TO STA. 201+06.25	STA. 300+00 TO STA. 301+02.15	STA. 400+00 TO STA. 400+56.99	STA. 500+00 TO STA. 515+97
ITEM NO.	ITEM	UNIT	TOTAL										
107-019A	SURVEY MONUMENT PRESERVATION	CA	5,000										
203-005A	REM OF OBSTRUCTIONS	LS	1										
203-015A	REM OF BITUMINOUS SURF	SY	13,161	3,147	3,144	3,340	3,169	308					
203-055A	REM OF CONC PAV	SY	1,269	292	166	256	550	5					
203-060A	REM OF CONC SIDEWALK	SY	1,757	400	419	489	370	79					
203-070A	REM OF CURB & GUTTER	FT	3,370	879	1,008	978	454	51					
203-090A	REM OF INLET	EACH	6			5		1					
203-095A	REM OF MANHOLE	EACH	13	2	2	5	4						
203-125C	REM OF MISCELLANEOUS ITEMS (STORM AND SANITARY SEWER PIPE)	FT	4,077	658	960	1,643	485	331					
203-006A	REM OF SIGN	EACH	12	2	1	4	2	3					
205-005A	EXCAVATION	CY	9,258										
205-095A	SOFT SPOT REPAIR	CA	10,000										
212-011A	FIBER WATTLE	LF	3,199										3,199
212-095A	INLET PROTECTION	EACH	18	4	2	8	1	4					
301-005A	GRANULAR SUBBASE	TON	10,027										
303-021A	3/4" AGGR TY A FOR BASE	TON	4,707										
401-020A	CSS-1 DIL EMUL ASPH FOR TACK COAT	GAL	1,121										
402-020A	EMUL ASPH FOR PRIME COAT	TON	9										
405-240A	MISC PAVING	SY	186				151						35
405-245A	APPROACH	EACH	4						1	1	1	1	
405-435A	SUPERPAVE HMA PAV INCL ASPH&ADD CL SP-3	TON	3,314										
420-050A	PAVEMENT REMOVAL	SY	217				217						
504-035A	PEDESTRIAN RAILING	FT	36		36								
605-025A	12" STORM SEWER PIPE	FT	633	64	37	358	120	54					
605-045A	24" STORM SEWER PIPE	FT	906	417	472	17							
605-065A	36" STORM SEWER PIPE	FT	1,009			429	480	100					
605-085A	48" STORM SEWER PIPE	FT	1,591										1,591
605-205A	4" SANITARY SEWER PIPE	FT	319	138	47	38	96						
605-210A	6" SANITARY SEWER PIPE	FT	24			24							
605-220A	10" SANITARY SEWER PIPE	FT	55			55							
605-225A	12" SANITARY SEWER PIPE	FT	1,838	350	476	477	473	62					
605-455A	MANHOLE TY A	EACH	6	1	1	2	2						
605-540A	CATCH BASIN TY 6	EACH	1	1									
605-635A	ADJUST MANHOLE COVERS	EACH	2	1		1							
605-640A	ADJUST VALVE COVERS	EACH	14	4	3	3	1		1	1	1		
614-015A	SIDEWALK	SY	1,563	338	398	376	254	57	87	53			
614-020A	DRIVEWAY	SY	1,447	292	208	253	641	53					
614-025A	ADA CURB RAMPS	SY	183		40	26	13	29	11	26	16	22	
615-255A	CURB (7.5"X12")	FT	71			71							

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_RSSM\_001.dgn  
 DRAWING DATE: OCT 2022



PROJECT NO. A019(622)

ROADWAY SUMMARY  
 BANNOCK ST., MALAD CITY

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 20 OF 118



1/28/2025 F:\Rexburg\01of19\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\19622\_RSSM\_002.dgn

SHEET NUMBER				31,48,72 86,97,109	33,50,74 88,98,110	34,52,76 90,99,111	36,54,78 92,100,112	38,56,80 94,101,113	58	60	61	64	82-85 102,103
STATION - STATION				STA. 25+29.48 TO STA. 30+00	STA. 30+00 TO STA. 34+80	STA. 34+80 TO STA. 39+60	STA. 39+60 TO STA. 44+40	STA. 44+40 TO STA. 45+48.83	STA. 100+00 TO STA. 101+34.07	STA. 200+00 TO STA. 201+06.25	STA. 300+00 TO STA. 301+02.15	STA. 400+00 TO STA. 400+56.99	STA. 500+00 TO STA. 515+97
ITEM NO.	ITEM	UNIT	TOTAL										
615-331A	GUTTER TYPE 1	FT	481	91	86	125	54			125			
615-491A	CURB AND GUTTER TY 1	FT	3,570	773	878	851	921	32	21	40	48	6	
615-494A	CURB AND GUTTER TY 4	FT	25						25				
616-080A	REINSTALL SIGNS	EACH	12	2	1	4	2	3					
626-010A	TEMPORARY TRAFFIC CONTROL SIGNS	SF	421										
626-040A	CONST BARR CL B TY 3	EACH	10										
626-100A	CONTINGENCY AMOUNT - MISC TEMPORARY TRAFFIC CONTROL ITEMS	CA	5,000										
626-105A	TRAFFIC CONTROL MAINTENANCE	HR	80										
630-005A	PAV MKG - WATERBORNE	SF	658	144	42	156	174	142					
630-025A	LONGITUDINAL PAV MKG - WATERBORNE	FT	3,086	727	756	685	832	86					
651-010A	LAWN CONSTRUCTION (SODDED)	SF	15,913	2,888	5,781	2,001	2,329		360	438			2,116
675-005A	SURVEY	LS	1										
675-010A	DIRECTED SURVEYING OFFICE COMPUTATIONS	CA	10,000										
677-005A	RECORD DRAWINGS	LS	1										
S610-05A	REMOVE AND RESET FENCE	FT	95	44	5		46						
S900-50A	CONTINGENCY AMOUNT - ISA CERTIFIED ARBORIST ON-SITE	CA	5,000										
S900-50B	CONTINGENCY AMOUNT - MISCELLANEOUS WORK	CA	5,000										
S900-50C	CONTINGENCY AMOUNT - UTILITY ADJUSTMENTS	CA	10,000										
S901-05A	SP-REMOVE AND RESET MAILBOX	EACH	16	7	4	1	4						
S901-05B	SP-ADJUST WATER METER BASE	EACH	30	6	5	8	11						
S901-05D	SP-72 INCH MANHOLE	EACH	5									5	
S901-05E	SP-ADJUST IRRIGATION SYSTEM	EACH	4	2		1	1						
S901-05F	SP-COMBO INLET BOX	EACH	15	3	2	7	1	2					
S901-05G	SP-SANITARY SEWER SERVICE CONNECTION	EACH	38	8	9	10	11						
S901-05H	SP-48-INCH DROP MANHOLE	EACH	1	1									
S901-05I	SP-CONNECT TO EXISTING SEWER STRUCTURE	EACH	8	2		2	1	1				2	
S904-05B	SP-SANITARY SEWER BYPASS PUMPING	LS	1										
S914-05A	SP-TRUCK DETOUR OVERLAY (ASPHALT)	TON	1,500										
S914-05B	SP-TRUCK DETOUR (3/4" AGGREGATE)	TON	300										
S915-05A	SP-LANDSCAPE GRAVEL	SF	12,903	3,628	2,535	4,696	2,031				13		
Z629-05A	MOBILIZATION	LS	1										

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED K. HARRIS	CADD FILE NAME 19622_RSSM_002.dgn
DETAILED M. PALMER	DRAWING DATE: OCT 2022
DRAWING CHECKED A. BASS	

**IDAHO  
TRANSPORTATION  
DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  A019(622)
------------------------------

ROADWAY SUMMARY  BANNOCK ST., MALAD CITY
--

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 21 OF 118











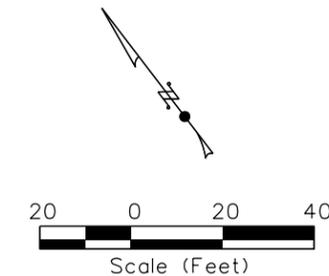
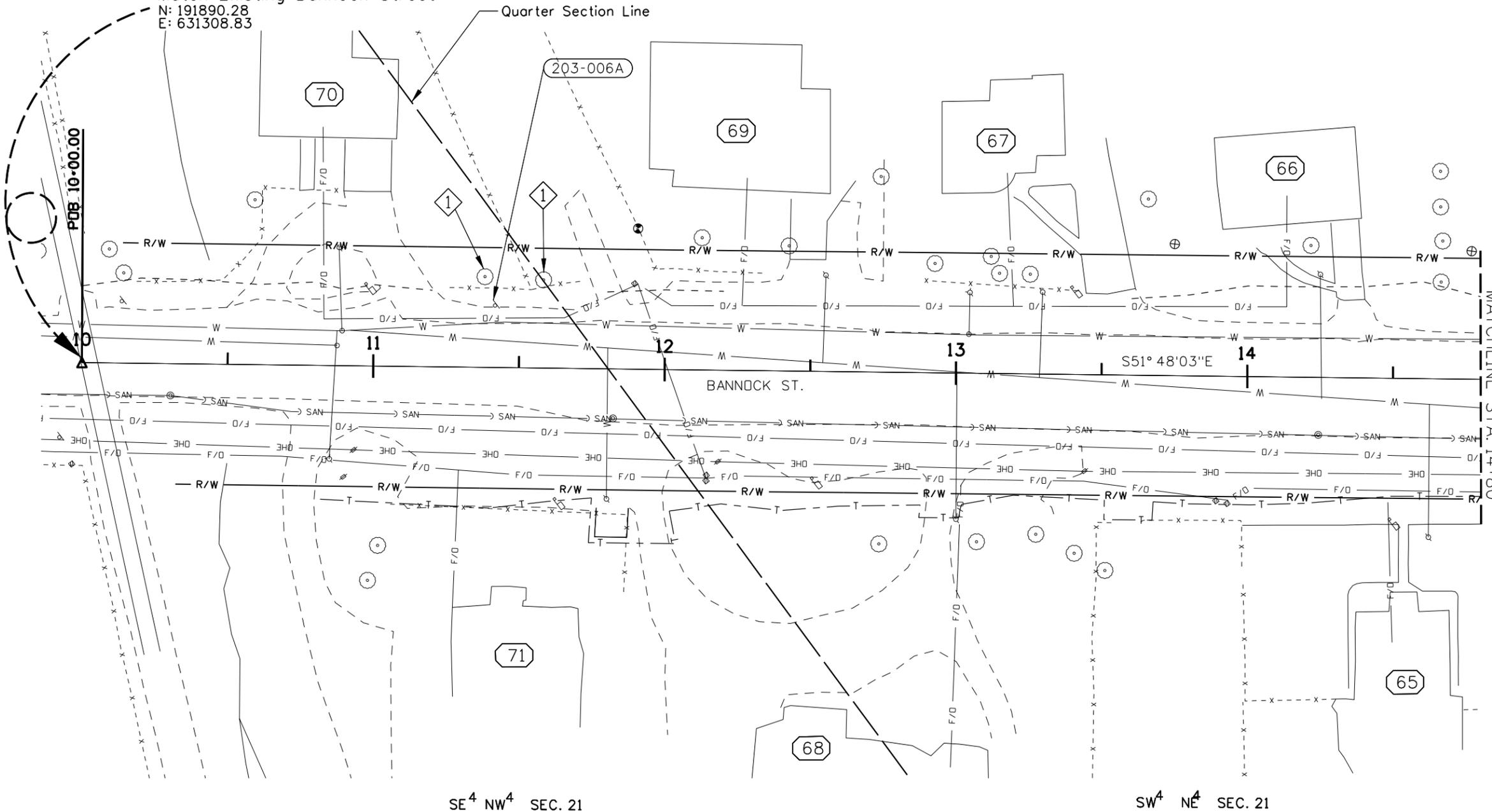
T.14S., R.36E., B.M.

SW<sup>4</sup> NE<sup>4</sup> SEC. 21

203-006A Rem of Sign  
1 EACH Sta. 11+42, 18' LT.

BEGIN PROJECT  
BEGIN CONSTRUCTION

SE<sup>4</sup> NW<sup>4</sup> SEC. 21  
A023(901)  
STA. 10+00  
Match Existing Bannock Street  
N: 191890.28  
E: 631308.83



Note: Remove and Reset All Mailboxes (Typ) As Per S901-05A, See Roadway Sheets.  
Retain and Protect All Water Meters

1 Retain And Protect Tree Unless Stated Otherwise

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. SOUTHWICK  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 23901\_DEMO\_PLAN\_Q1.dgn  
DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  
A023(901)

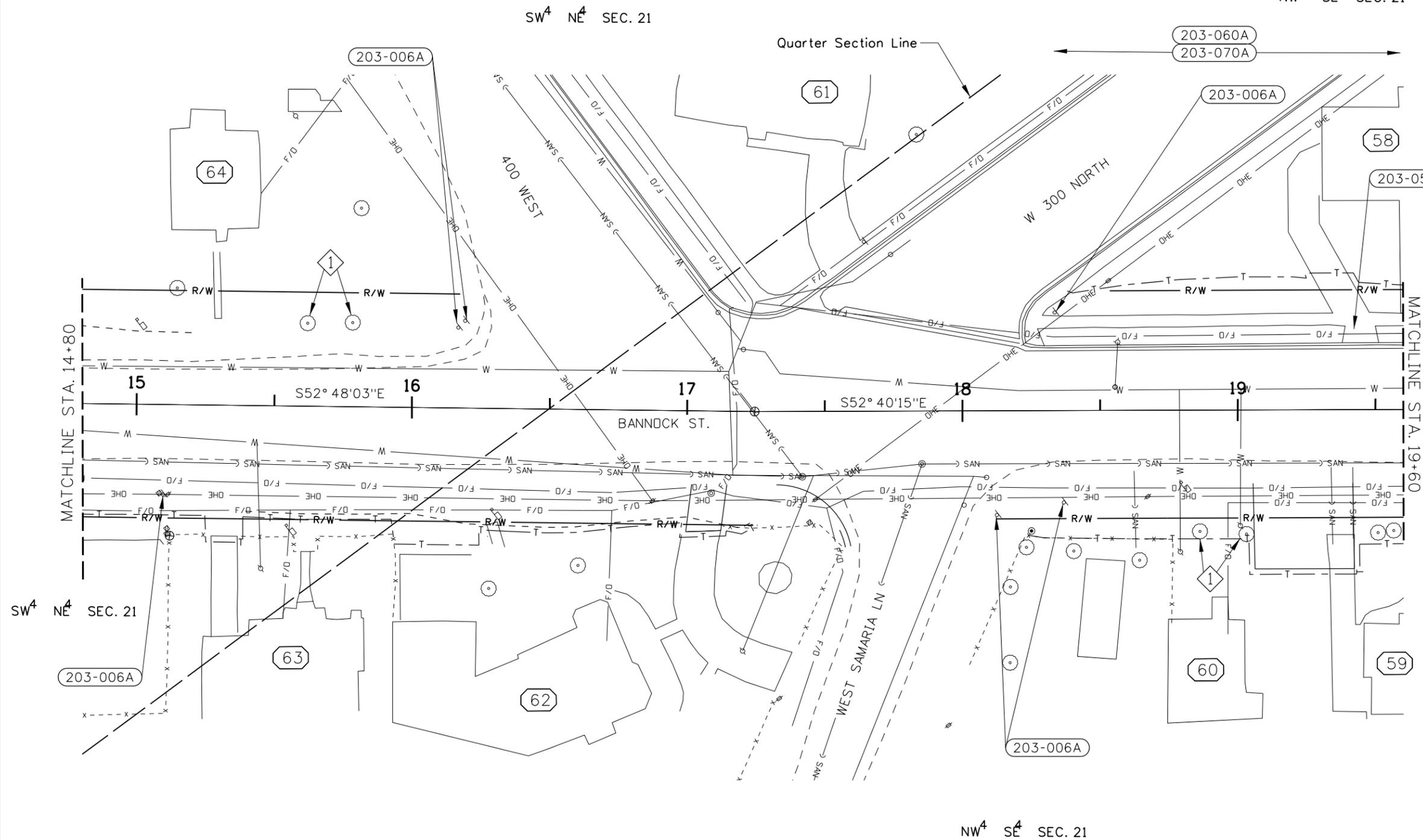
DEMOLITION PLAN  
BANNOCK ST., SIDEWALKS  
TAP GRANT  
STA. 10+00 TO STA. 14+80

**English**  
COUNTY ONEIDA  
KEY NUMBER 23901  
SHEET 26 OF 118

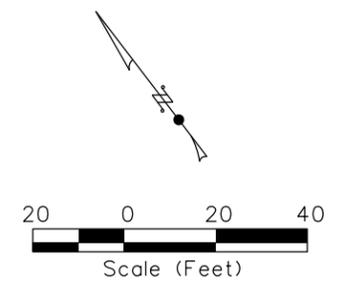
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1/28/2025 F:\Rexburg\01\files\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_DEMO\_PLAN\_02

T.14S., R.36E., B.M.



- 203-006A Rem of Sign
  - 1 EACH Sta. 15+10, 38' RT.
  - 1 EACH Sta. 16+16, 24' LT.
  - 1 EACH Sta. 16+19, 26' LT.
  - 1 EACH Sta. 18+13, 44' RT.
  - 1 EACH Sta. 18+33, 36' LT.
  - 1 EACH Sta. 18+37, 39' RT.
- 203-055A Rem of Conc Pav
  - 15 SY Sta. 19+34 To Sta. 19+51 LT.
- 203-060A Rem of Conc Sidewalk
  - 59 SY Sta. 18+23 To Sta. 19+39 LT.
  - 6 ST Sta. 19+48 To Sta. 19+60 LT.
- 203-070A Rem of Curb & Gutter
  - 140 FT Sta. 18+20, 22' LT. To Sta. 19+60, 22' LT.



Note: Remove and Reset All Mailboxes (Typ) As Per S901-05A, See Roadway Sheets.  
Retain and Protect All Water Meters

1 Retain And Protect Tree Unless Stated Otherwise

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. SOUTHWICK	CADD FILE NAME 23901_DEMO_PLAN_Q2.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

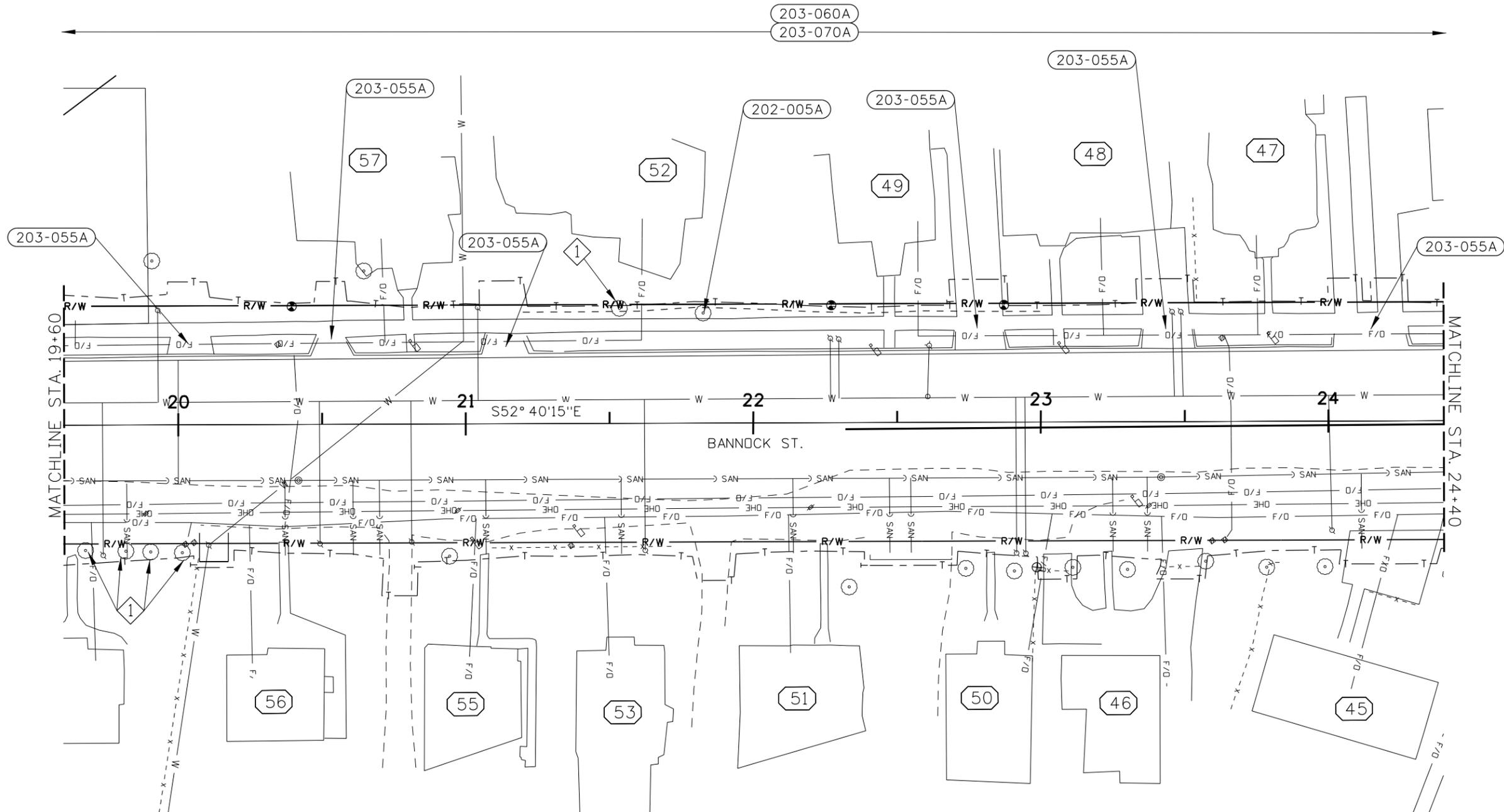
PROJECT NO.  
A023(901)

DEMOLITION PLAN  
BANNOCK ST., SIDEWALKS  
TAP GRANT  
STA. 14+80 TO STA. 19+60

**English**  
COUNTY ONEIDA  
KEY NUMBER 23901  
SHEET 27 OF 118

T.14S., R.36E., B.M.

NW<sup>4</sup> SE<sup>4</sup> SEC. 21

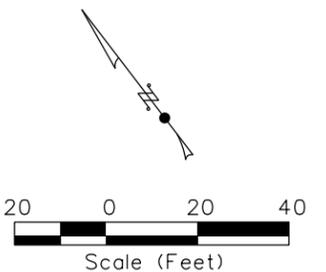


202-005A Selective Rem of Trees Including Stumps  
1 EACH Sta. 21+83, 38' LT.

203-055A Rem of Conc Pav  
17 SY Sta. 19+96 To Sta. 20+12 LT.  
15 SY Sta. 20+46 To Sta. 20+61 LT.  
19 SY Sta. 21+05 To Sta. 21+22 LT.  
22 SY Sta. 22+70 To Sta. 22+87 LT.  
23 SY Sta. 23+35 To Sta. 23+53 LT.  
33 SY Sta. 24+02 To Sta. 24+40 LT.

203-060A Rem of Conc Sidewalk  
20 SY Sta. 19+60 To Sta. 19+97 LT.  
19 SY Sta. 20+11 To Sta. 20+48 LT.  
30 SY Sta. 20+58 To Sta. 21+07 LT.  
79 SY Sta. 21+21 To Sta. 22+70 LT.  
29 SY Sta. 22+87 To Sta. 23+35 LT.  
32 SY Sta. 23+52 To Sta. 24+02 LT.  
7 SY Sta. 24+26 To Sta. 24+40 LT.

203-070A Rem of Curb & Gutter  
480 FT Sta. 19+60, 22' LT. To Sta. 24+40, 25' LT.



Note: Remove and Reset All Mailboxes (Typ) As Per S901-05A, See Roadway Sheets.  
Retain and Protect All Water Meters

1 Retain And Protect Tree Unless Stated Otherwise

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. SOUTHWICK  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 23901\_DEMO\_PLAN\_03.dgn  
DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  
A023(901)

DEMOLITION PLAN  
BANNOCK ST., SIDEWALKS  
TAP GRANT  
STA. 19+60 TO STA. 24+40

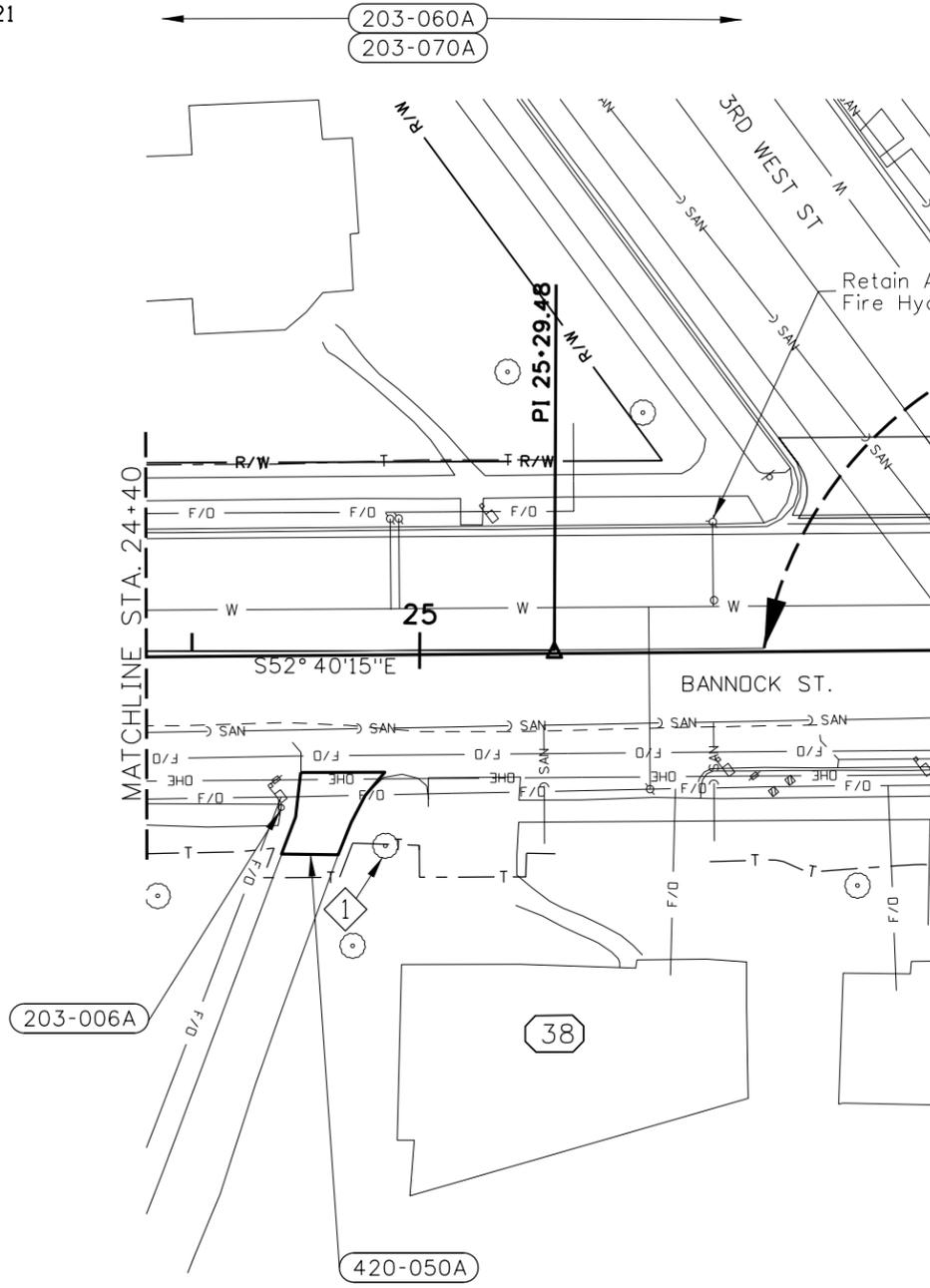
**English**  
COUNTY ONEIDA  
KEY NUMBER 23901  
SHEET 28 OF 118

1/28/2025 F:\Rexburg\01\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_DEMO\_PLAN\_03

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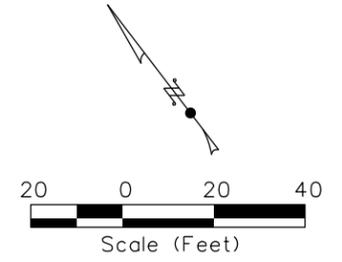
T.14S., R.36E., B.M.

NW<sup>4</sup> SE<sup>4</sup> SEC. 21



**END PROJECT  
END CONSTRUCTION**  
A023(901)  
STA. 25+75  
Match Existing Bannock Street  
N: 632555.0419  
E: 190926.3808

- (203-006A) Rem of Sign  
1 EACH Sta. 24+70, 34' RT.
- (203-060A) Rem of Conc Sidewalk  
78 SY Sta. 24+40 To Sta. 25+75 LT.  
22 SY Sta. 25+23 To Sta. 25+63 Rt.
- (203-070A) Rem of Curb & Gutter  
136 SY Sta. 24+40, 25' To Sta. 25+76, 25' LT.
- (420-050A) Rem of Pavement  
40 SY Sta. 24+71 To Sta. 24+92 RT.



Note: Remove and Reset All Mailboxes (Typ) As Per S901-05A, See Roadway Sheets.  
Retain and Protect All Water Meters

1 Retain And Protect Tree Unless Stated Otherwise

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. SOUTHWICK  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 23901\_DEMO\_PLAN\_04.dgn  
DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.  
A023(901)

DEMOLITION PLAN  
BANNOCK ST., SIDEWALKS  
TAP GRANT  
STA. 24+40 TO STA. 26+00

**English**  
COUNTY ONEIDA  
KEY NUMBER 23901  
SHEET 29 OF 118

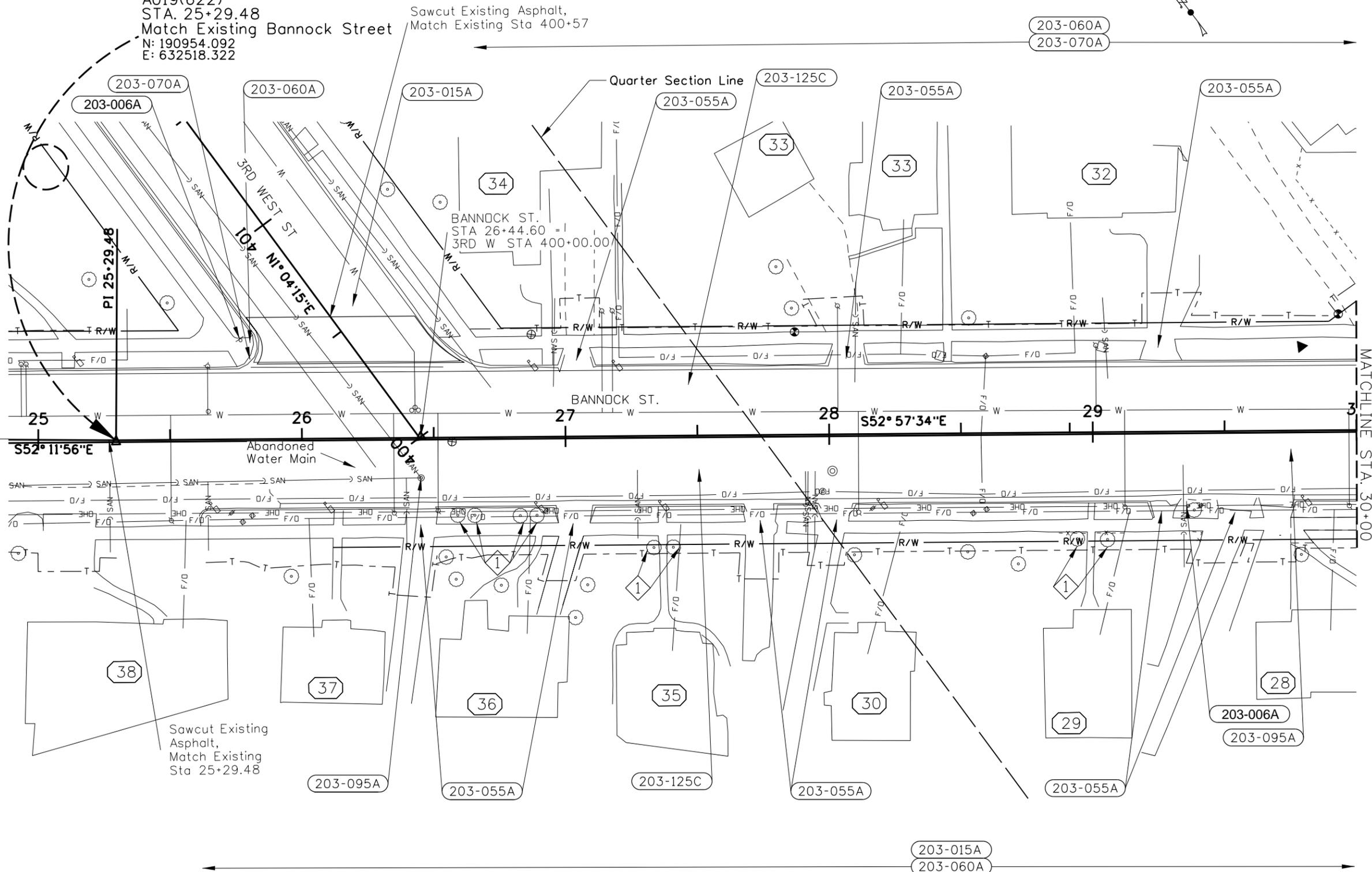


T.14S., R.36E., B.M.

NW<sup>4</sup> SE<sup>4</sup> SEC. 21

**BEGIN PROJECT  
BEGIN CONSTRUCTION**  
A019(622)  
STA. 25+29.48  
Match Existing Bannock Street  
N: 190954.092  
E: 632518.322

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



203-015A	Rem of Bituminous Surf	2854 SY	Sta. 25+29 To Sta. 30+00
203-015A	Rem of Conc Pav	293 SY	Sta. 400+35 To Sta. 400+85
203-055A	Rem of Conc Pav	40 SY	Sta. 26+39 To Sta. 26+52 RT.
203-055A	Rem of Conc Pav	29 SY	Sta. 27+04 To Sta. 27+09 RT.
203-055A	Rem of Conc Pav	14 SY	Sta. 27+04 To Sta. 27+09 LT.
203-055A	Rem of Conc Pav	33 SY	Sta. 27+68 To Sta. 27+79 RT.
203-055A	Rem of Conc Pav	25 SY	Sta. 27+96 To Sta. 28+06 RT.
203-055A	Rem of Conc Pav	35 SY	Sta. 28+00 To Sta. 28+13 LT.
203-055A	Rem of Conc Pav	34 SY	Sta. 29+18 To Sta. 29+34 LT.
203-055A	Rem of Conc Pav	11 SY	Sta. 29+21 To Sta. 29+33 RT.
203-055A	Rem of Conc Pav	71 SY	Sta. 29+42 To Sta. 29+75 RT.
203-060A	Rem of Conc Sidewalk	47 SY	Sta. 25+63 To Sta. 26+39 RT.
203-060A	Rem of Conc Sidewalk	31 SY	Sta. 26+52 To Sta. 27+04 LT.
203-060A	Rem of Conc Sidewalk	27 SY	Sta. 26+52 To Sta. 27+00 RT.
203-060A	Rem of Conc Sidewalk	32 SY	Sta. 27+08 To Sta. 27+68 RT.
203-060A	Rem of Conc Sidewalk	49 SY	Sta. 27+09 To Sta. 28+00 LT.
203-060A	Rem of Conc Sidewalk	9 SY	Sta. 27+79 To Sta. 27+96 RT.
203-060A	Rem of Conc Sidewalk	73 SY	Sta. 28+06 To Sta. 29+42 RT.
203-060A	Rem of Conc Sidewalk	58 SY	Sta. 28+13 To Sta. 29+21 LT.
203-060A	Rem of Conc Sidewalk	35 SY	Sta. 29+33 To Sta. 30+00 LT.
203-060A	Rem of Conc Sidewalk	17 SY	Sta. 29+75 To Sta. 30+00 RT.
203-060A	Rem of Conc Sidewalk	11 SY	Sta. 400+09, 33' RT. To Sta. 400+28, 28' RT.
203-060A	Rem of Conc Sidewalk	11 SY	Sta. 400+62, 40' LT. To Sta. 400+68, 27' LT.
203-070A	Rem of Curb & Gutter	440 FT	Sta. 25+60, 29' RT. To Sta. 30+00, 25' RT.
203-070A	Rem of Curb & Gutter	433 FT	Sta. 25+67, 24' LT. To Sta. 30+00, 25' LT.
203-070A	Rem of Curb & Gutter	6 SY	Sta. 400+60, 34' LT. To Sta. 400+85, 26' LT.
203-095A	Rem of Manhole	1 EACH	Sta. 26+42, 13' RT.
203-095A	Rem of Manhole	1 EACH	Sta. 29+75, 6' RT.

(Continued on Sheet 31 of 118)

Note: Remove and Reset All Mailboxes (Typ) As Per S901-05A, See Roadway Sheets.  
Retain and Protect All Water Meters

- 203-015A
- 203-060A
- 203-070A
- 1 Retain And Protect Tree

1/28/2025 F:\Rexburg\InfoStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\pr\19622\Project\_Development\Plan\_Sheets\Demolition\19622\_DEMO\_PLAN\_01.dgn

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. PALMER  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 19622\_DEMO\_PLAN\_01.dgn  
DRAWING DATE: OCT 2022



PROJECT NO. A019(622)

DEMOLITION PLAN  
BANNOCK ST., MALAD CITY  
STA. 25+29.48 TO STA. 30+00

**English**  
COUNTY ONEIDA  
KEY NUMBER 19622  
SHEET 30 OF 118



F:\Rexburg\01ofFilesStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Demolition\19622\_DEMO\_PLAN\_01a.dgn

(Continued From Sheet 30 of 118)

203-125C Rem of Miscellaneous Items (Storm and Sanitary Sewer Pipe)  
 330 FT Sta. 26+45, 15' RT. To Sta. 29+74, 6' RT. (SAN)  
 328 FT Sta. 26+72, 19' LT. To Sta. 30+00, 21' LT. (SAN)

203-006A Rem of Sign  
 1 EACH Sta. 27+77, 37' LT.  
 1 EACH Sta. 29+36, 38' RT.

Continuation Sheet

REVISIONS			
NO.	DATE	BY	DESCRIPTION
			DESIGNED C. MILLER
			DESIGN CHECKED K. HARRIS
			DETAILED M. PALMER
			DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 19622\_DEMO\_PLAN\_01a.dgn

DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

DEMOLITION PLAN  
 BANNOCK ST., MALAD CITY  
 STA. 25+29.48 TO STA. 30+00

**English**

COUNTY ONEIDA

KEY NUMBER 19622

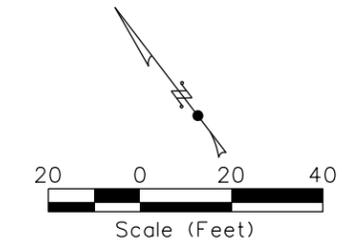
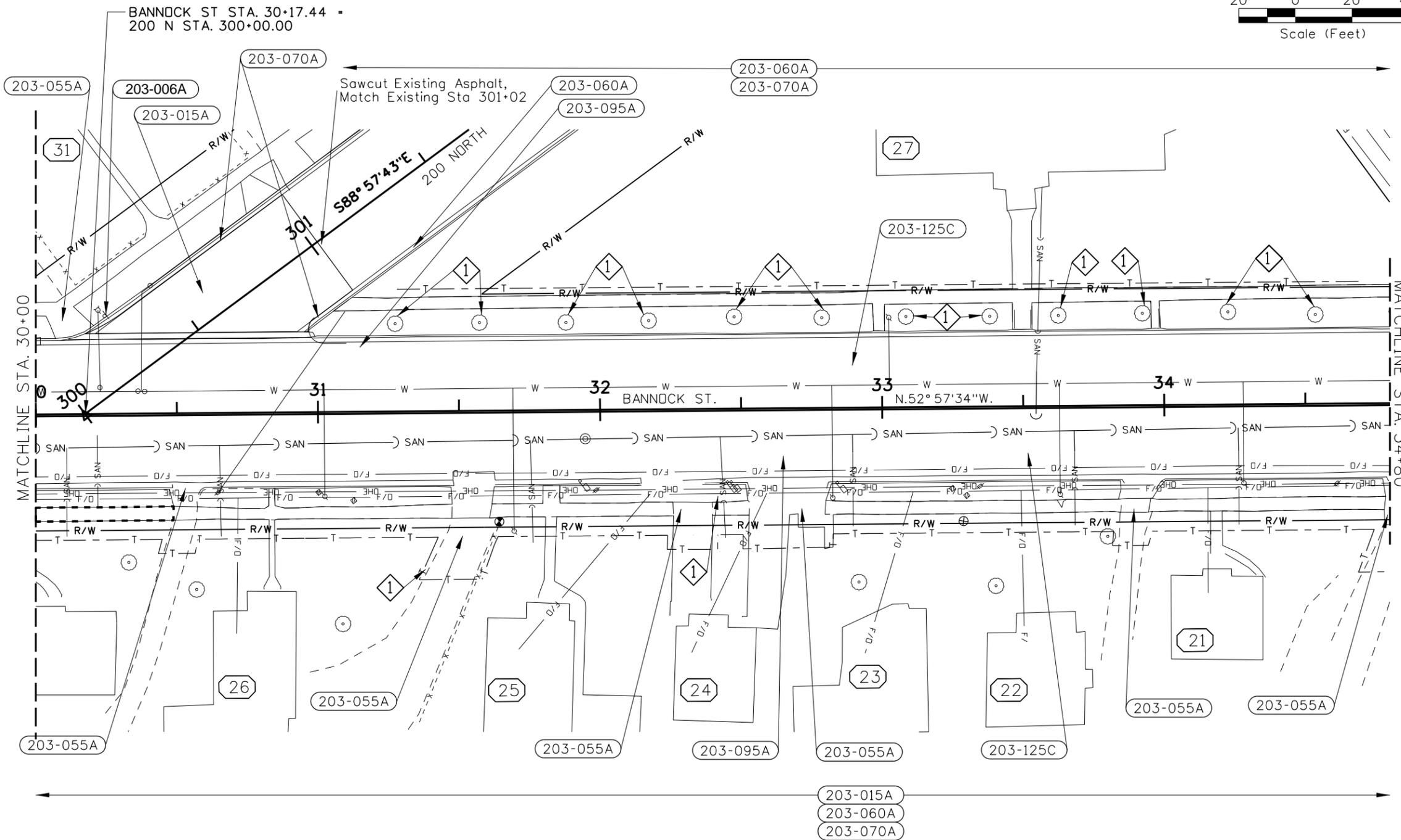
SHEET 31 OF 118



1/28/2025 F:\Rexburg\01\19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Demolition\19622\_DEMO\_PLAN\_02.dgn

T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



203-015A	Rem of Bituminous Surf
2890 SY	Sta. 30+00 To Sta. 34+80
254 SY	Sta. 300+49 To Sta. 301+02
203-055A	Rem of Conc Pav
12 SY	Sta. 30+04 To Sta. 30+21 Lt.
21 SY	Sta. 30+49 To Sta. 30+57 RT.
26 SY	Sta. 31+47 To Sta. 31+61 RT.
34 SY	Sta. 32+26 To Sta. 32+40 RT.
36 SY	Sta. 32+53 To Sta. 32+80 RT.
25 SY	Sta. 33+84 To Sta. 33+95 RT.
12 SY	Sta. 34+71 To Sta. 34+80 RT.
203-060A	Rem of Conc Sidewalk
26 SY	Sta. 30+00 To Sta. 30+49 RT.
44 SY	Sta. 30+57 To Sta. 31+47 RT.
205 SY	Sta. 31+09 To Sta. 34+80 LT.
41 SY	Sta. 31+61 To Sta. 32+26 RT.
7 SY	Sta. 32+40 To Sta. 32+53 RT.
54 SY	Sta. 32+80 To Sta. 33+84 RT.
42 SY	Sta. 33+95 To Sta. 34+78 RT.
203-070A	Rem of Curb & Gutter
480 LF	Sta. 30+00, 25' LT. To Sta. 34+80, 26' LT.
480 LF	Sta. 30+00, 25' RT. To Sta. 34+80, 26' RT.
21 LF	Sta. 300+81, 28' RT. To Sta. 301+02, 23' RT.
27 LF	Sta. 300+17, 26' LT. To Sta. 300+44, 23' LT.
203-095A	Rem of Manhole
1 EACH	Sta. 32+64, 16' RT.
1 EACH	Sta. 31+15, 22' LT.
203-125C	Rem of Miscellaneous Items (Storm and Sanitary Sewer Pipe)
480 FT	Sta. 30+00, 21' LT. To Sta. 34+80, 8' LT. (SAN)
480 FT	Sta. 30+00, 7' LT. To Sta. 34+80, 17' LT (SAN)
203-006A	Rem of Sign
1 EACH	Sta. 30+25, 36' Lt.

1 Retain And Protect Tree

See Appendix A in Special Provisions for Tree Protection Plan For Trees At The Clinic

Note: Remove and Reset All Mailboxes As Per S901-05A, See Roadway Sheets.  
Retain and Protect All Water Meters

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. PALMER  
DRAWING CHECKED A. BASS

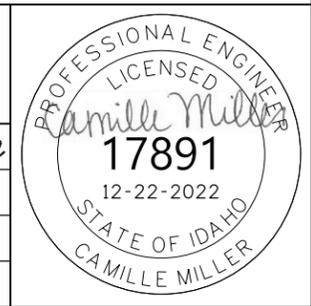
SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 19622\_DEMO\_PLAN\_02.dgn  
DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**  
FORSGREN Associates Inc.

PROJECT NO. A019(622)

DEMOLITION PLAN  
BANNOCK ST., MALAD CITY  
STA. 30+00 TO STA. 34+80

**English**  
COUNTY ONEIDA  
KEY NUMBER 19622  
SHEET 32 OF 118





1/28/2025 F:\Rexburg\01ofFiles\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\pr\19622\Project\_Development\Plan\_Sheets\Demolition\19622\_DEMO\_PLAN\_03a.dgn

Continuation Sheet

(Continued From Sheet 33 of 118)

**203-090A** Rem of Inlet  
 1 EACH Sta. 35+01, 24' LT.  
 1 EACH Sta. 36+11, 29' LT.  
 1 EACH Sta. 37+93, 30' LT.  
 1 EACH Sta. 39+15, 28' LT.  
 1 EACH Sta. 200+76, 30' LT.

**203-095A** Rem of Manhole  
 1 EACH Sta. 35+79, 18' LT.  
 1 EACH Sta. 35+88, 17' RT.  
 1 EACH Sta. 35+90, 1' LT.  
 1 EACH Sta. 37+21, 1' LT.  
 1 EACH Sta. 37+74, 30' RT.

**203-125C** Rem of Miscellaneous Items (Storm and Sanitary Sewer Pipe)  
 107 FT Sta. 34+80, 8' LT. To Sta. 35+87, 4' LT. (SAN)  
 114 FT Sta. 34+97, 25' LT. To Sta. 36+11, 29' LT. (STORM)  
 381 FT Sta. 35+79, 18' LT. To Sta. 39+60, 19' LT. (SAN)  
 5 FT Sta. 35+87, 4' LT. To Sta. 35+90, 1' LT. (SAN)  
 108 FT Sta. 34+80, 17' RT. To Sta. 35+88, 17' RT. (SAN)  
 18 FT Sta. 35+88, 17' RT. To Sta. 35+90, 1' LT. (SAN)  
 131 FT Sta. 35+90, 1' LT. To Sta. 37+21, 1' LT. (SAN)  
 182 FT Sta. 36+11, 29' LT. To Sta. 37+93, 29' LT. (STORM)  
 239 FT Sta. 37+21, 1' LT. To Sta. 39+60, 1' LT. (SAN)  
 152 FT Sta. 37+74, 30' RT. To Sta. 39+15, 28' LT. (STORM)  
 62 FT Sta. 37+93, 29' LT. To Sta. 37+74, 29' RT. (STORM)  
 122 FT Sta. 37+93, 29' LT. To Sta. 39+15, 28' LT. (STORM)  
 22 FT Sta. 200+58, 34' LT. To Sta. 200+80, 34' LT. (STORM)

**203-006A** Rem of Sign  
 1 EACH Sta. 35+20, 45' LT.  
 1 EACH Sta. 36+24, 34' LT.  
 1 EACH Sta. 38+37, 33' LT.  
 1 EACH Sta. 39+46, 30' RT.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
			DESIGNED C. MILLER
			DESIGN CHECKED K. HARRIS
			DETAILED M. PALMER
			DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_DEMO\_PLAN\_03a.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

DEMOLITION PLAN  
 BANNOCK ST., MALAD CITY  
 STA. 34+80 TO STA. 39+60

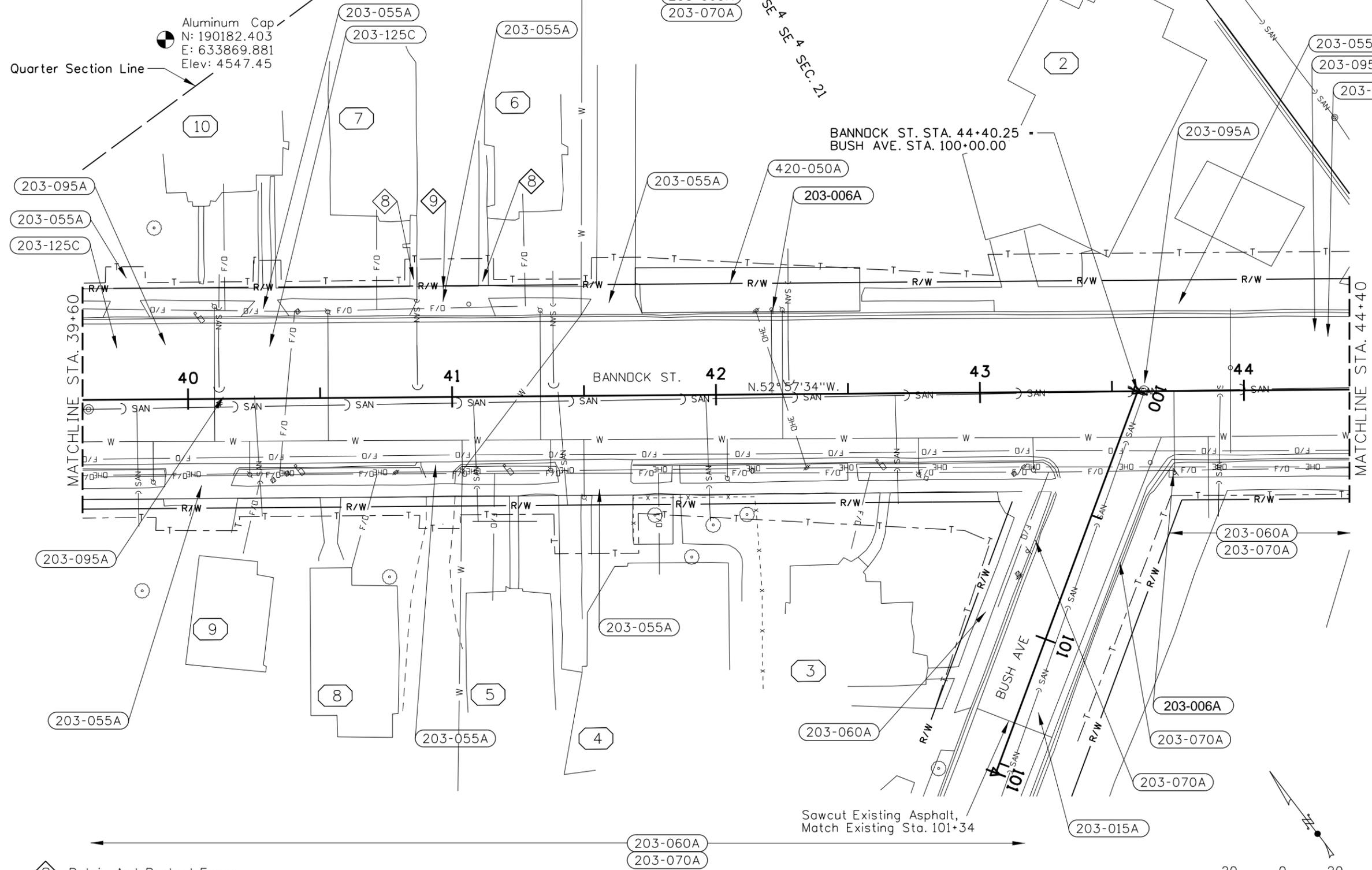
**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 34 OF 118



1/28/2025 F:\Rexburg\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Demolition\19622\_DEMO\_PLAN\_04.dgn

T.14S., R.36E., B.M.

203-015A  
203-060A  
203-070A



203-015A Rem of Bituminous Surf

2816 SY Sta. 39+60 To Sta. 44+40  
353 SY Sta. 100+30 To Sta. 101+34

203-055A Rem of Conc Pav

16 SY Sta. 39+71 To Sta. 39+82 LT.  
68 SY Sta. 39+90 To Sta. 40+19 RT.  
15 SY Sta. 40+26 To Sta. 40+40 LT.  
53 SY Sta. 40+87 To Sta. 41+14 LT.  
15 SY Sta. 40+89 To Sta. 41+01 RT.  
89 SY Sta. 41+40 To Sta. 41+68 RT.  
30 SY Sta. 41+55 To Sta. 41+69 LT.  
264 SY Sta. 42+56 To Sta. 44+40, LT.

203-060A Rem of Conc Sidewalk

6 SY Sta. 39+60 To Sta. 39+71 LT.  
14 SY Sta. 39+60 To Sta. 39+90 RT.  
23 SY Sta. 39+82 To Sta. 40+26 LT.  
41 SY Sta. 40+19 To Sta. 40+89 RT.  
26 SY Sta. 40+40 To Sta. 40+87 LT.  
20 SY Sta. 41+01 To Sta. 41+40 RT.  
21 SY Sta. 41+14 To Sta. 41+55 LT.  
104 SY Sta. 41+68 To Sta. 43+28 RT.  
61 SY Sta. 100+33 To Sta. 101+34 LT.  
54 SY Sta. 100+50 To Sta. 101+34 RT.

203-070A Rem of Curb & Gutter

130 SY Sta. 39+60 LT. To Sta. 44+40 LT.  
88 SY Sta. 39+60 RT. To Sta. 43+30 RT.  
19 SY Sta. 43+65 RT. To Sta. 44+40 RT.  
102 SY Sta. 100+38 To Sta. 101+34 RT.  
115 SY Sta. 100+24 To Sta. 101+34 LT.

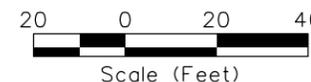
203-095A Rem of Manhole

1 EACH Sta. 39+92, 19' LT.  
1 EACH Sta. 40+14, 1' LT.  
1 EACH Sta. 43+63, 2' LT.  
1 EACH Sta. 44+28, 21' LT.

(Continued on Sheet 36 of 118)

- 8 Retain And Protect Fence
- 9 Retain And Protect Concrete HeadWall

Note: Remove and Reset All Mailboxes As Per S901-05A, See Roadway Sheets.  
Retain and Protect All Water Meters



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	
CADD FILE NAME		DRAWING DATE:
19622_DEMO_PLAN_04.dgn		
DRAWING DATE:		
OCT 2022		

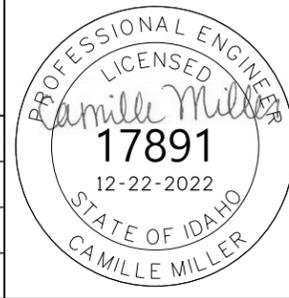
**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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DEMOLITION PLAN	BANNOCK ST., MALAD CITY
	STA. 39+60 TO STA. 44+40

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 35 OF 118



1/28/2025 F:\Rexburg\01ofFiles\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Demolition\19622\_DEMO\_PLAN\_04a.dgn

(Continued From Sheet 35 of 118)

(203-125C) Rem of Miscellaneous Items (Storm and Sanitary Sewer Pipe)  
 36 FT Sta. 39+60, 19' LT. To Sta. 39+92, 19' LT. (SAN)  
 436 FT Sta. 39+92, 19' LT. To Sta. 44+28, 21' LT. (SAN)  
 13 FT Sta. 44+28, 21' LT. To Sta. 44+40, 18' LT. (SAN)

(203-006A) Rem of Sign  
 1 EACH Sta. 42+21, 32' LT.  
 1 EACH Sta. 43+73, 31' RT.

(420-050A) Rem of Pav  
 217 SY Sta. 41+70, 39' LT. To Sta. 43+09, 40' LT

Continuation Sheet

REVISIONS			
NO.	DATE	BY	DESCRIPTION
			DESIGNED C. MILLER
			DESIGN CHECKED K. HARRIS
			DETAILED M. PALMER
			DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_DEMO\_PLAN\_04a.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

DEMOLITION PLAN  
 BANNOCK ST., MALAD CITY  
 STA. 39+60 TO STA. 44+40

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 36 OF 118



1/28/2025 F:\Rexburg\01\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\p\19622\Project\_Development\Plan\_Sheets\Demolition\19622\_DEMO\_PLAN\_05.dgn

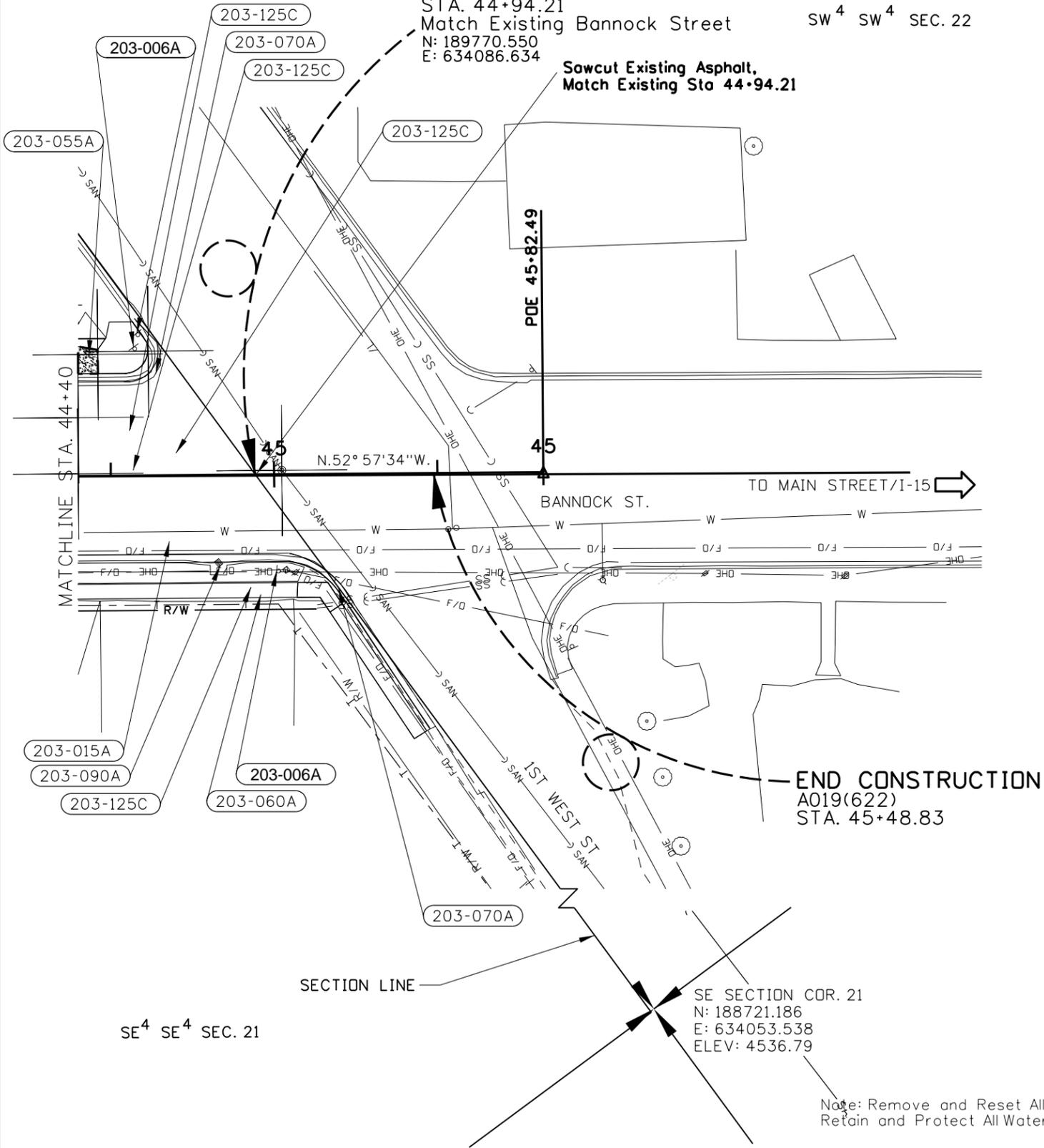
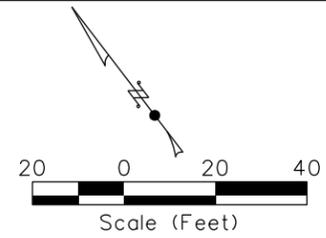
T.14S., R.36E., B.M.

**END PROJECT**

A019(622)  
 STA. 44+94.21  
 Match Existing Bannock Street  
 N: 189770.550  
 E: 634086.634

SW<sup>4</sup> SW<sup>4</sup> SEC. 22

Sawcut Existing Asphalt,  
 Match Existing Sta 44+94.21



- (203-015A) Rem of Bituminous Surf  
308 SY Sta. 44+40 To Sta. 44+94
- (203-055A) Rem of Conc Pav  
5 SY Sta. 44+40 To Sta. 44+56 LT.
- (203-060A) Rem of Conc Sidewalk  
79 SY Sta. 44+40 RT. To Sta. 45+45 RT.
- (203-070A) Rem of Curb & Gutter  
39 SY Sta. 44+40 To Sta. 45+21 RT.  
12 SY Sta. 44+40 To Sta. 44+57 LT.
- (203-090A) Rem of Inlet  
1 EACH Sta. 44+83, 27' RT.
- (203-125C) Rem of Miscellaneous Items (Storm and Sanitary Sewer Pipe)  
77 FT Sta. 44+40, 1' LT. To Sta. 45+02, 1' LT. (SAN)  
139 FT Sta. 44+40, 18' LT. To Sta. 45+02, 1' LT. (SAN)  
82 FT Sta. 44+56, 48' LT. To Sta. 44+82, 30' RT. (STORM)  
33 FT Sta. 44+82, 30' RT. To Sta. 45+13, 41' RT. (STORM)

- (203-006A) Rem of Sign  
1 EACH Sta. 44+58, 39' LT.  
1 EACH Sta. 44+59, 43' LT.  
1 EACH Sta. 45+01, 30' RT.

**END CONSTRUCTION**  
 A019(622)  
 STA. 45+48.83

SE<sup>4</sup> SE<sup>4</sup> SEC. 21

SE SECTION COR. 21  
 N: 188721.186  
 E: 634053.538  
 ELEV: 4536.79

Note: Remove and Reset All Mailboxes As Per S901-05A, See Roadway Sheets.  
 Retain and Protect All Water Meters

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_DEMO\_PLAN\_05.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.  
 A019(622)

DEMOLITION PLAN  
 BANNOCK ST., MALAD CITY  
 STA. 44+40 TO STA. 45+48.83

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 37 OF 118



T.14S., R.36E., B.M.

614-015A  
615-491A  
651-010A  
S915-05A

SE<sup>4</sup> NW<sup>4</sup> SEC. 21

SW<sup>4</sup> NE<sup>4</sup> SEC. 21

SW<sup>4</sup> NE<sup>4</sup> SEC. 21

SE<sup>4</sup> NW<sup>4</sup> SEC. 21

**BEGIN PROJECT  
BEGIN CONSTRUCTION**

A023(901)  
STA. 10+00  
Match Existing Bannock Street  
N: 191890.28  
E: 631308.83

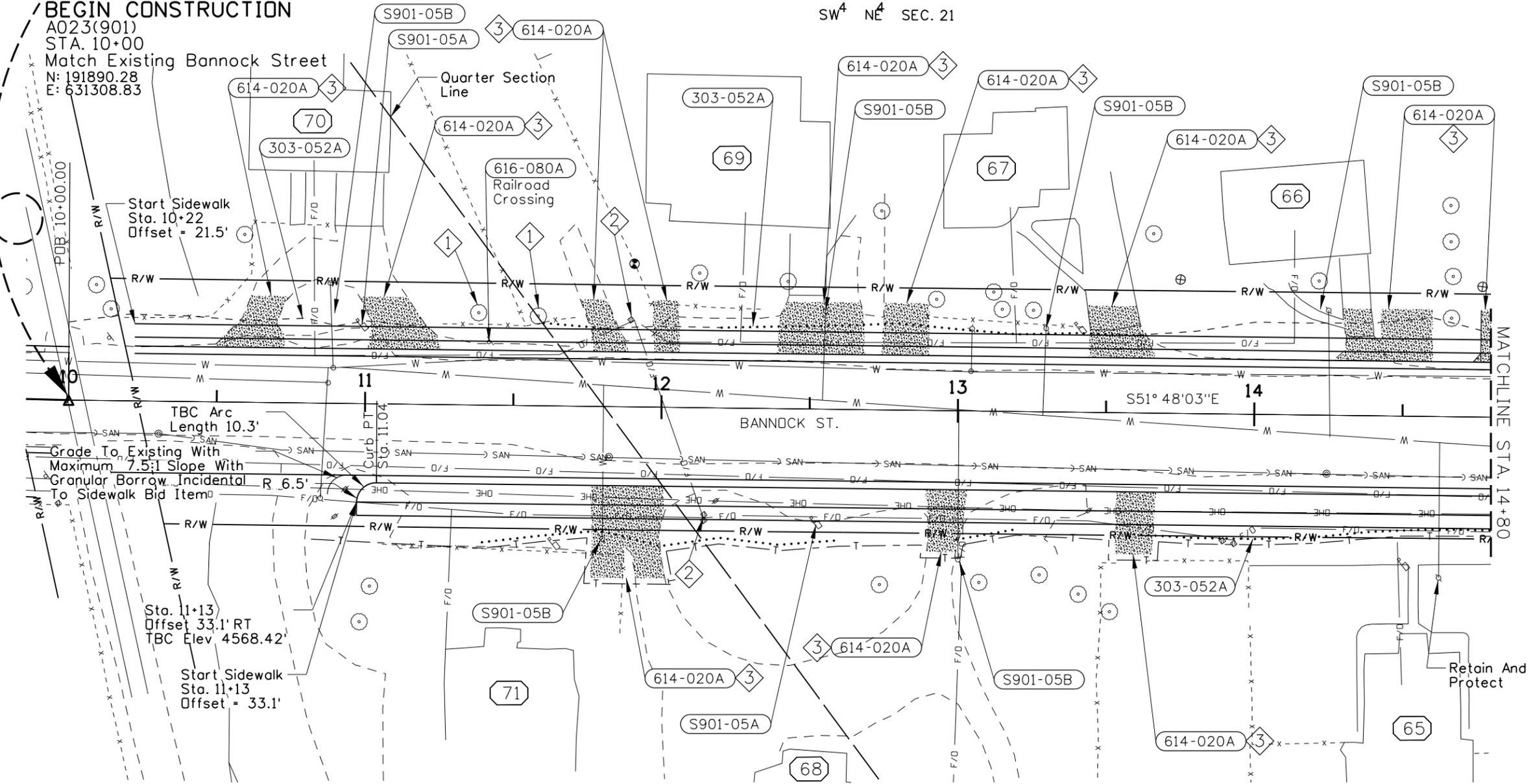
Start Sidewalk  
Sta. 10+22  
Offset = 21.5'

TBC Arc  
Length 10.3'  
Grade To Existing With  
Maximum 7.5:1 Slope With  
Granular Borrow. Incidental  
To Sidewalk Bid Item

Sta. 11+13  
Offset 33.1' RT  
TBC Elev 4568.42'  
Start Sidewalk  
Sta. 11+13  
Offset = 33.1'

MATCHLINE STA. 14+80

BANNOCK ST.



303-052A	3/4" Aggr Ty B For Base
0.9 CY	Sta. 10+70, 26' LT. To Sta. 11+02, 26' LT.
0.9 CY	Sta. 12+06, 26' LT. To Sta. 12+40, 26' LT.
5.4 CY	Sta. 13+66, 37.6' RT. To Sta. 14+80, 37.6' RT.

614-015A	Sidewalk
16 SY	Sta. 10+22, 21.5' LT. To Sta. 10+56, 21.5' LT.
15 SY	Sta. 10+70, 21.5' LT. To Sta. 11+02, 21.5' LT.
40 SY	Sta. 10+97, 33.1' RT. To Sta. 11+76, 33.1' RT.
27 SY	Sta. 11+21, 21.5' LT. To Sta. 11+77, 21.5' LT.
5 SY	Sta. 11+85, 21.5' LT. To Sta. 11+97, 21.5' LT.
45 SY	Sta. 12+01, 33.1' RT. To Sta. 12+90, 33.1' RT.
17 SY	Sta. 12+06, 21.5' LT. To Sta. 12+39, 21.5' LT.
3 SY	Sta. 12+68, 21.5' LT. To Sta. 12+75, 21.5' LT.
27 SY	Sta. 12+90, 21.5' LT. To Sta. 13+44, 21.5' LT.
26 SY	Sta. 13+02, 33.1' RT. To Sta. 13+53, 33.1' RT.
33 SY	Sta. 13+64, 21.5' LT. To Sta. 14+31, 21.5' LT.
57 SY	Sta. 13+66, 33.1' RT. To Sta. 14+80, 33.1' RT.
8 SY	Sta. 13+60, 21.5' LT. To Sta. 14+76, 21.5' LT.

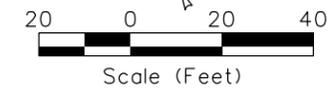
614-020A	Driveway
30 SY	Sta. 10+61, 18.5' LT., W-24'
38 SY	Sta. 11+13, 18.5' LT., W-25'
19 SY	Sta. 11+83, 18.5' LT., W-12'
79 SY	Sta. 11+89, 26.6' RT., W-25'
17 SY	Sta. 12+02, 18.5' LT., W-9'
55 SY	Sta. 12+54, 18.5' LT., W-30'
30 SY	Sta. 12+82, 18.5' LT., W-16'
28 SY	Sta. 12+96, 26.6' RT., W-15'
37 SY	Sta. 13+55, 18.5' LT., W-23'
30 SY	Sta. 13+60, 26.6' RT., W-14'
55 SY	Sta. 14+46, 18.5' LT., W-33'
8 SY	Sta. 14+74, 18.5' LT., W-20'

615-491A	Curb & Gutter TY 1
458 FT	Sta. 10+22, 16' LT. To Sta. 14+80, 16' LT.
367 FT	Sta. 11+13, 24.1' RT. To Sta. 14+80, 24.1' RT.

616-080A	Reinstall Signs
1 EACH	Sta. 11+42, 24' LT.

(Continued On Sheet 39 of 118)

- ① Retain And Protect Tree Unless Stated Otherwise
- ② ATC Handholes Will Be Adjusted To Proposed Grade By ATC Communications During construction
- ③ Driveway Per Detail On Sheet 14



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. SOUTHWICK  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 23901\_PLAN\_01.dgn  
DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO. A023(901)

SIDWALK, CURB AND GUTTER PLAN

BANNOCK ST., SIDEWALKS  
TAP GRANT  
STA. 10+00 TO STA. 14+80

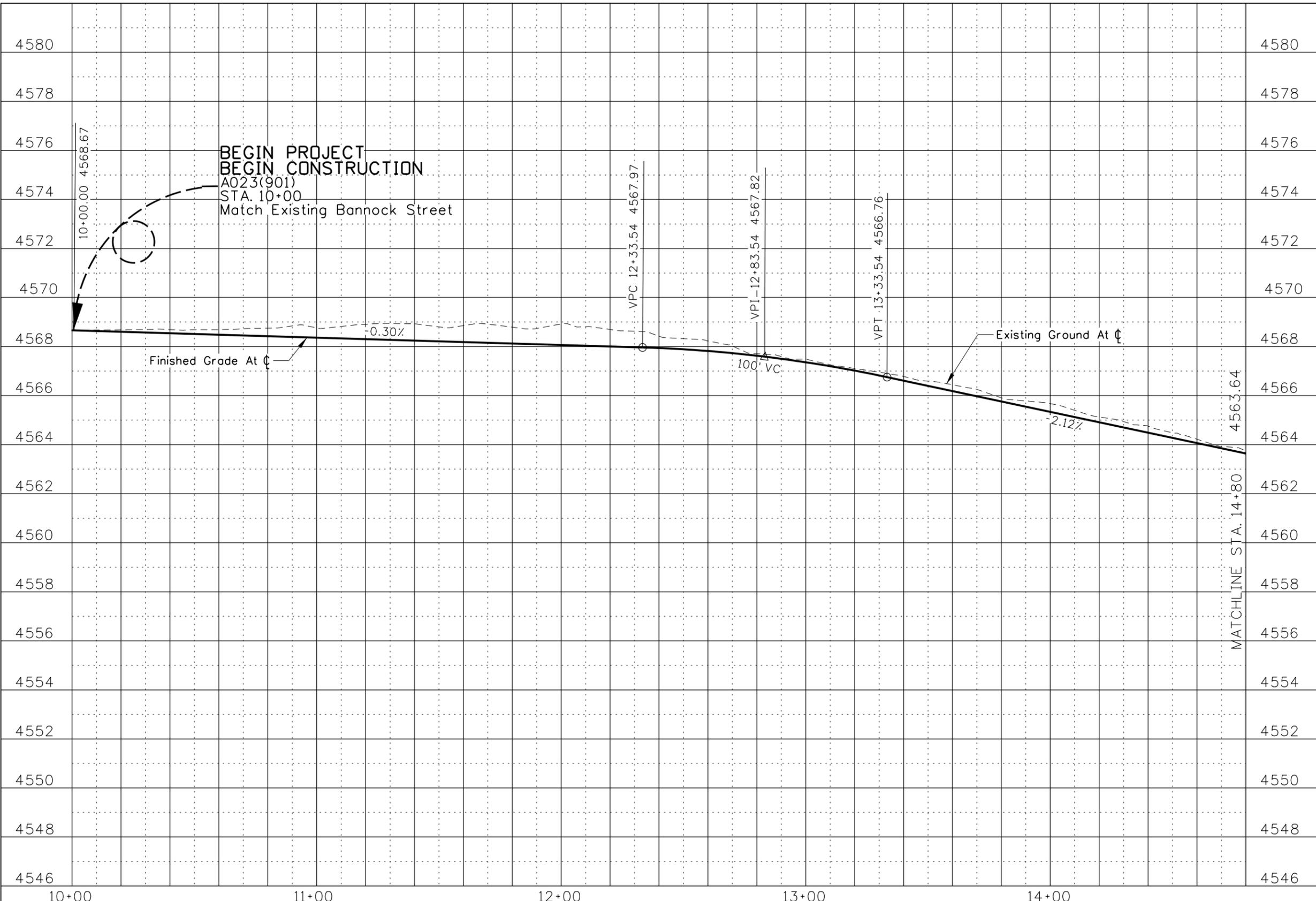
**English**

COUNTY ONEIDA  
KEY NUMBER 23901  
SHEET 38 OF 118



1/28/2025 F:\Rexburg\01\fileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_PLAN\_01.dgn

1/28/2025 F:\Rexburg\OldfileStructure\Malod, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\proj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_PROF\_01.dgn



(Continued From Sheet 38 of 118)

651-010A	Lawn Construction (Sodded)
92 SF	Sta. 10+22, 26' LT. To Sta. 10+58, 26' LT.
237 SF	Sta. 11+40, 37.6' RT. To Sta. 11+77, 37.6' RT.
20 SF	Sta. 11+60, 26' LT. To Sta. 11+76, 26' LT.
10 SF	Sta. 11+85, 26' LT. To Sta. 11+97, 26' LT.
436 SF	Sta. 11+99, 37.6' RT. To Sta. 12+58, 37.6' RT.
17 SF	Sta. 12+68, 26' LT. To Sta. 12+75, 26' LT.
42 SF	Sta. 12+90, 26' LT. To Sta. 13+44, 26' LT.
69 SF	Sta. 13+00, 37.6' RT. To Sta. 13+19, 37.6' RT.
238 SF	Sta. 12+63, 26' LT. To Sta. 14+30, 26' LT.
14 SF	Sta. 14+40, 26' LT. To Sta. 14+43, 26' LT.
85 SF	Sta. 14+60, 26' LT. To Sta. 14+76, 26' LT.
S901-05A	Remove and Reset Mailbox
1 EACH	Sta. 11+00, 25' LT.
1 EACH	Sta. 12+53, 39' RT.
S901-05B	Adjust Water Meter Base
1 EACH	Sta. 10+89, 30' LT.
1 EACH	Sta. 11+80, 44.5' RT.
1 EACH	Sta. 12+55, 33' LT.
1 EACH	Sta. 13+00, 50.1' RT.
1 EACH	Sta. 13+30, 28.1' LT.
1 EACH	Sta. 14+21, 35.1' LT.
S915-05A	Landscape Gravel
84 SF	Sta. 10+22, 18.5' LT. To Sta. 10+52, 18.5' LT.
85 SF	Sta. 10+73, 18.5' LT. To Sta. 11+01, 18.5' LT.
504 SF	Sta. 10+97, 26.6' RT. To Sta. 11+76, 26.6' RT.
155 SF	Sta. 11+25, 18.5' LT. To Sta. 11+77, 18.5' LT.
27 SF	Sta. 11+88, 18.5' LT. To Sta. 11+97, 18.5' LT.
575 SF	Sta. 12+01, 26.6' RT. To Sta. 12+89, 26.6' RT.
98 SF	Sta. 12+06, 18.5' LT. To Sta. 12+39, 18.5' LT.
17 SF	Sta. 12+68, 18.5' LT. To Sta. 12+74, 18.5' LT.
162 SF	Sta. 12+90, 18.5' LT. To Sta. 13+44, 18.5' LT.
328 SF	Sta. 13+03, 26.6' RT. To Sta. 13+53, 26.6' RT.
187 SF	Sta. 13+66, 18.5' LT. To Sta. 14+30, 18.5' LT.
736 SF	Sta. 13+67, 26.6' RT. To Sta. 14+80, 26.6' RT.
59 SF	Sta. 14+60, 18.5' LT. To Sta. 14+80, 18.5' LT.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. SOUTHWICK  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 23901\_PROF\_01.dgn  
 DRAWING DATE: JAN 2024

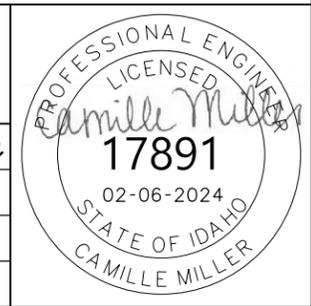
**IDAHO TRANSPORTATION DEPARTMENT**

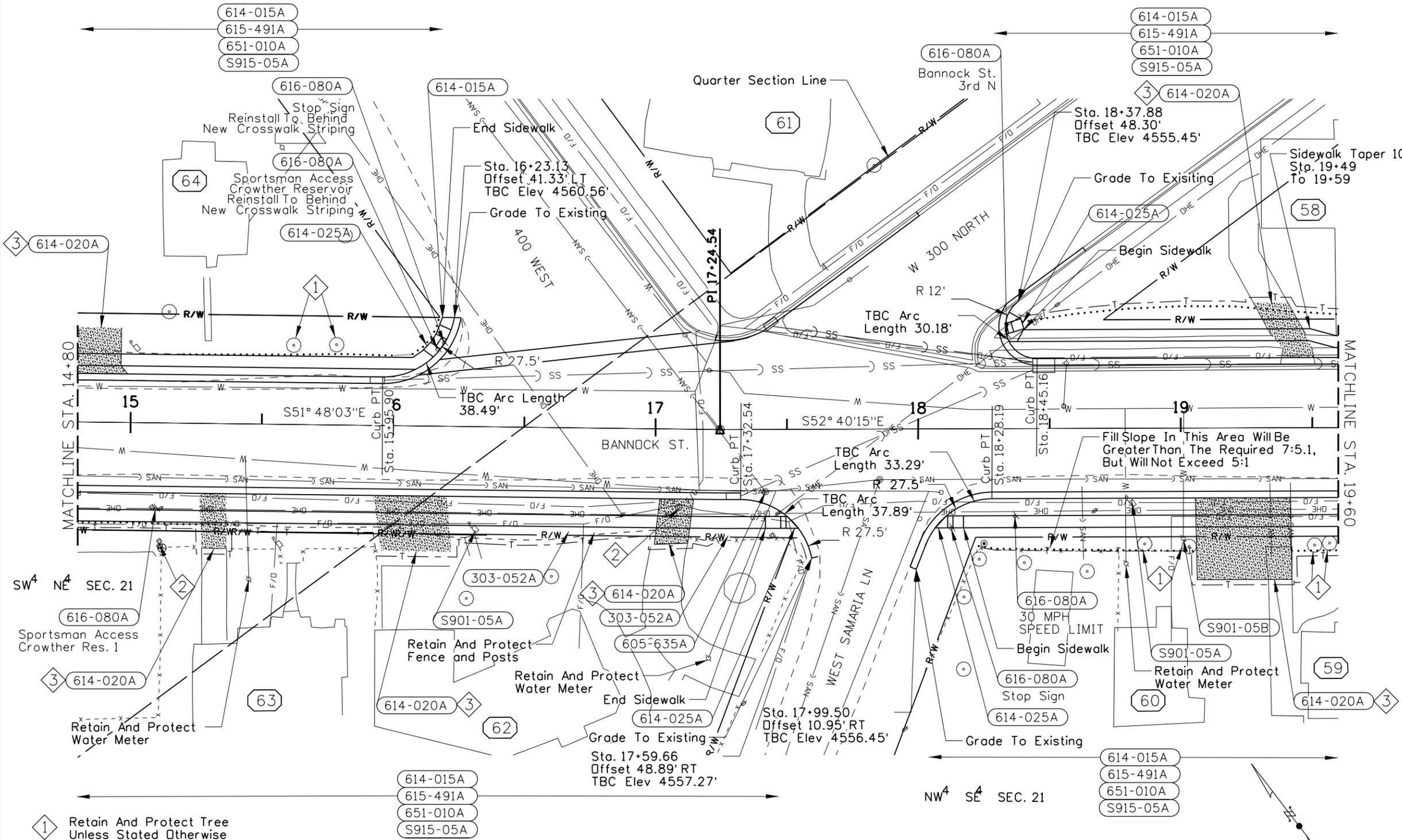
FORSGREN Associates Inc.

PROJECT NO. A023(901)

ROADWAY PROFILE  
 BANNOCK ST., SIDEWALKS TAP GRANT  
 STA. 10+00 TO STA. 14+80

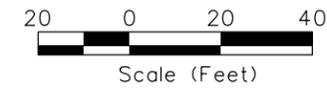
**English**  
 COUNTY ONEIDA  
 KEY NUMBER 23901  
 SHEET 39 OF 118





303-052A	¾" Aggr Ty B For Base	5.4 CY	Sta. 16+22, 37.6' RT. To Sta. 17+00, 37.6' RT.
		0.9 CY	Sta. 17+13, 37.6' RT. To Sta. 17+57, 37.6' RT.
605-635A	Adjust Manhole Covers	1 EACH	Sta. 17+42, 24.2' RT.
614-015A	Sidewalk	59 SY	Sta. 14+96, 21.5' LT. To Sta. 16+15, 26' LT.
		23 SY	Sta. 14+80, 33.1' RT. To Sta. 15+27, 33.1' RT.
		29 SY	Sta. 15+37, 33.1' RT. To Sta. 15+94, 33.1' RT.
		2 SY	Sta. 16+17, 38.5' Lt. To Sta. 16+23, 41.3' Lt.
		40 SY	Sta. 16+21, 33.1' RT. To Sta. 17+01, 33.1' RT.
		14 SY	Sta. 17+13, 33.1' RT. To Sta. 17+42, 33.1' RT.
		44 SY	Sta. 18+17, 33.1' RT. To Sta. 19+06, 33.1' RT.
		48 SY	Sta. 18+38, 21.5' LT. To Sta. 19+36, 21.5' LT.
		9 SY	Sta. 19+42, 33.1' RT. To Sta. 19+60, 33.1' RT.
		6 SY	Sta. 19+46, 21.5' LT. To Sta. 19+60, 21.5' LT.
614-020A	Driveway	32 SY	Sta. 14+89, 18.5' LT., W-20'
		23 SY	Sta. 15+32, 26.6' RT., W-10'
		64 SY	Sta. 16+07, 26.6' RT., W-28'
		24 SY	Sta. 17+08, 26.6' RT., W-14'
		124 SY	Sta. 19+24, 26.6' RT., W-36'
		30 SY	Sta. 19+44, 26.6' LT., W-12'
614-025A	ADA Curb Ramps	6 SY	Sta. 16+11, 29.1' LT. To Sta. 16+22, 36.7' LT.
		5 SY	Sta. 17+42, 33.1' RT. To Sta. 17+55, 33.1' RT.
		4 SY	Sta. 18+07, 33.1' RT. To Sta. 18+17, 33.1' RT.
		6 SY	Sta. 18+33, 33.1' LT. To Sta. 18+40, 33.1' LT.
615-491A	Curb & Gutter TY 1	158 FT	Sta. 14+80, 16' LT. To Sta. 16+26, 41.3' LT.
		294 FT	Sta. 14+80, 24.1' RT. To Sta. 17+62, 48.3' RT.
		168 FT	Sta. 17+97, 52.2' RT. To Sta. 19+60, 24.1' RT.
		148 FT	Sta. 18+31, 47.6' LT. To Sta. 19+60, 24.1' LT.

(Continued On Sheet 41 of 118)



- ① Retain And Protect Tree Unless Stated Otherwise
- ② ATC Handholes Will Be Adjusted To Proposed Grade By ATC Communications During Construction
- ③ Driveway Per Detail On Sheet 14

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. SOUTHWICK	CADD FILE NAME 23901_PLAN_02.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

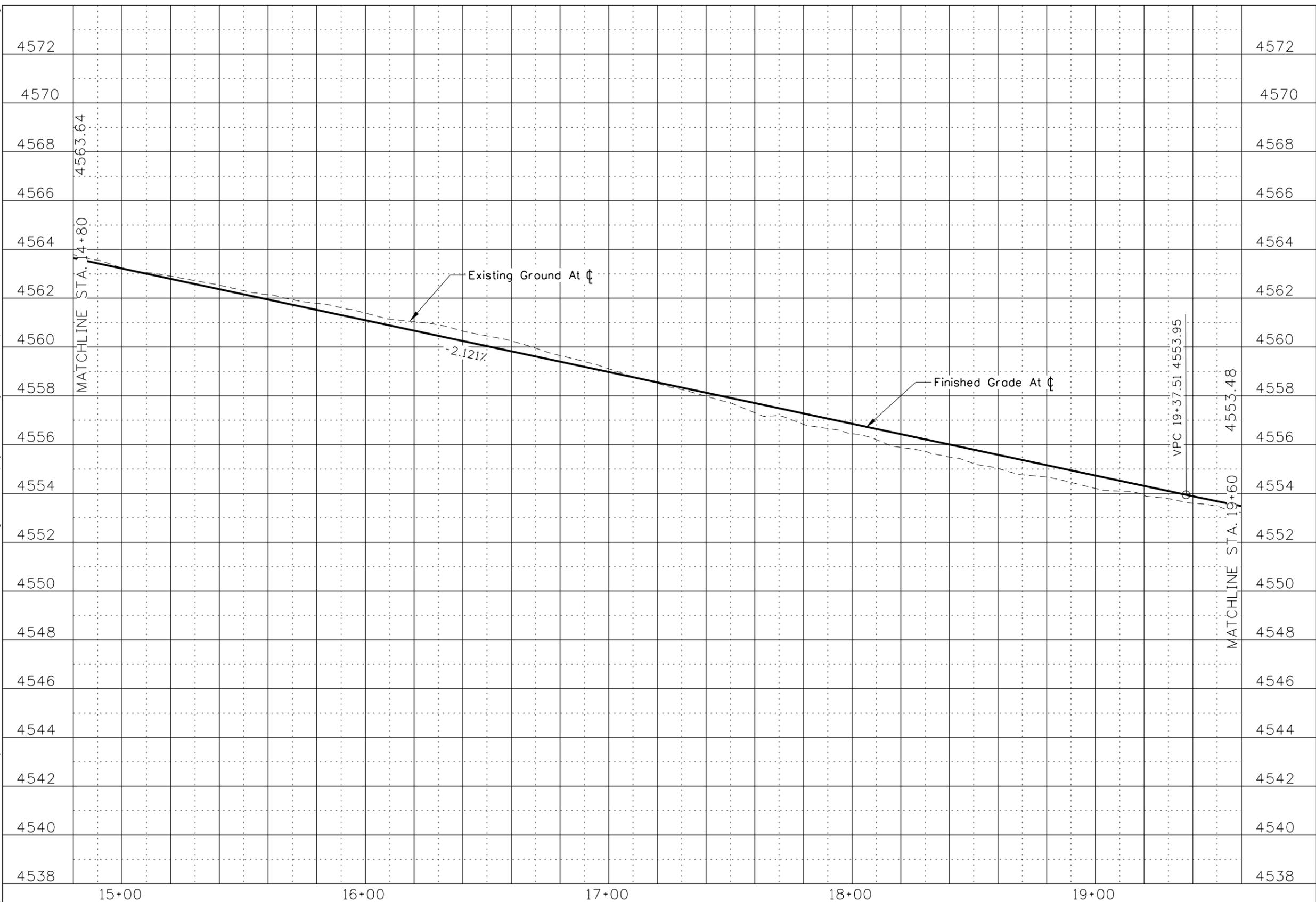
PROJECT NO.	A023(901)
SIDEWALK, CURB AND GUTTER PLAN	BANNOCK ST., SIDEWALKS TAP GRANT STA. 14+80 TO STA. 19+60

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 23901
SHEET 40 OF 118



1/28/2025 F:\Rexburg\01\files\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_PLAN\_02.dgn

1/28/2025 F:\Rexburg\OldfileStructure\Wolod, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_PROF\_02.dgn



(Continued From Sheet 40 of 118)

**616-080A** Reinstall Sign  
 1 EACH Sta. 15+10, 36' RT.  
 1 EACH Sta. 16+16, 24' LT.  
 1 EACH Sta. 16+19, 26' LT.  
 1 EACH Sta. 18+13, 45' RT.  
 1 EACH Sta. 18+36, 32' LT.  
 1 EACH Sta. 18+37, 37' RT.

**651-010A** Lawn Construction (Sodded)  
 79 SF Sta. 14+96, 26' LT. To Sta. 16+19, 26' LT.  
 25 SF Sta. 14+80, 37.6' RT. To Sta. 15+27, 37.6' RT.  
 68 SF Sta. 15+37, 37.6' RT. To Sta. 15+95, 37.6' RT.  
 652 SF Sta. 18+39, 37.6' LT. To Sta. 19+33, 37.6' LT.  
 163 SF Sta. 19+42, 37.6' RT. To Sta. 19+60, 37.6' RT.  
 101 SF Sta. 19+42, 37.6' LT. To Sta. 19+60, 37.6' LT.

**S901-05A** Remove and Reset Mailbox  
 1 EACH Sta. 16+31, 39' RT.  
 1 EACH Sta. 18+82, 28' RT.

**S901-05B** Adjust Water Meter Base  
 1 EACH Sta. 19+01, 42' RT.

**S915-05A** Landscape Gravel  
 321 SF Sta. 14+96, 18.5' LT. To Sta. 16+08, 18.5' LT.  
 303 SF Sta. 14+80, 26.6' RT. To Sta. 15+26, 26.6' RT.  
 364 SF Sta. 15+37, 26.6' RT. To Sta. 15+93, 26.6' RT.  
 523 SF Sta. 16+21, 26.6' RT. To Sta. 17+02, 26.6' RT.  
 198 SF Sta. 17+14, 26.6' RT. To Sta. 17+50, 26.6' RT.  
 578 SF Sta. 18+11, 26.6' RT. To Sta. 19+06, 26.6' RT.  
 650 SF Sta. 18+34, 26.6' LT. To Sta. 19+39, 26.6' LT.  
 118 SF Sta. 19+42, 26.6' RT. To Sta. 19+60, 26.6' RT.  
 49 SF Sta. 19+49, 26.6' LT. To Sta. 19+60, 26.6' LT.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. SOUTHWICK	CADD FILE NAME 23901_PROF_02.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.  
A023(901)

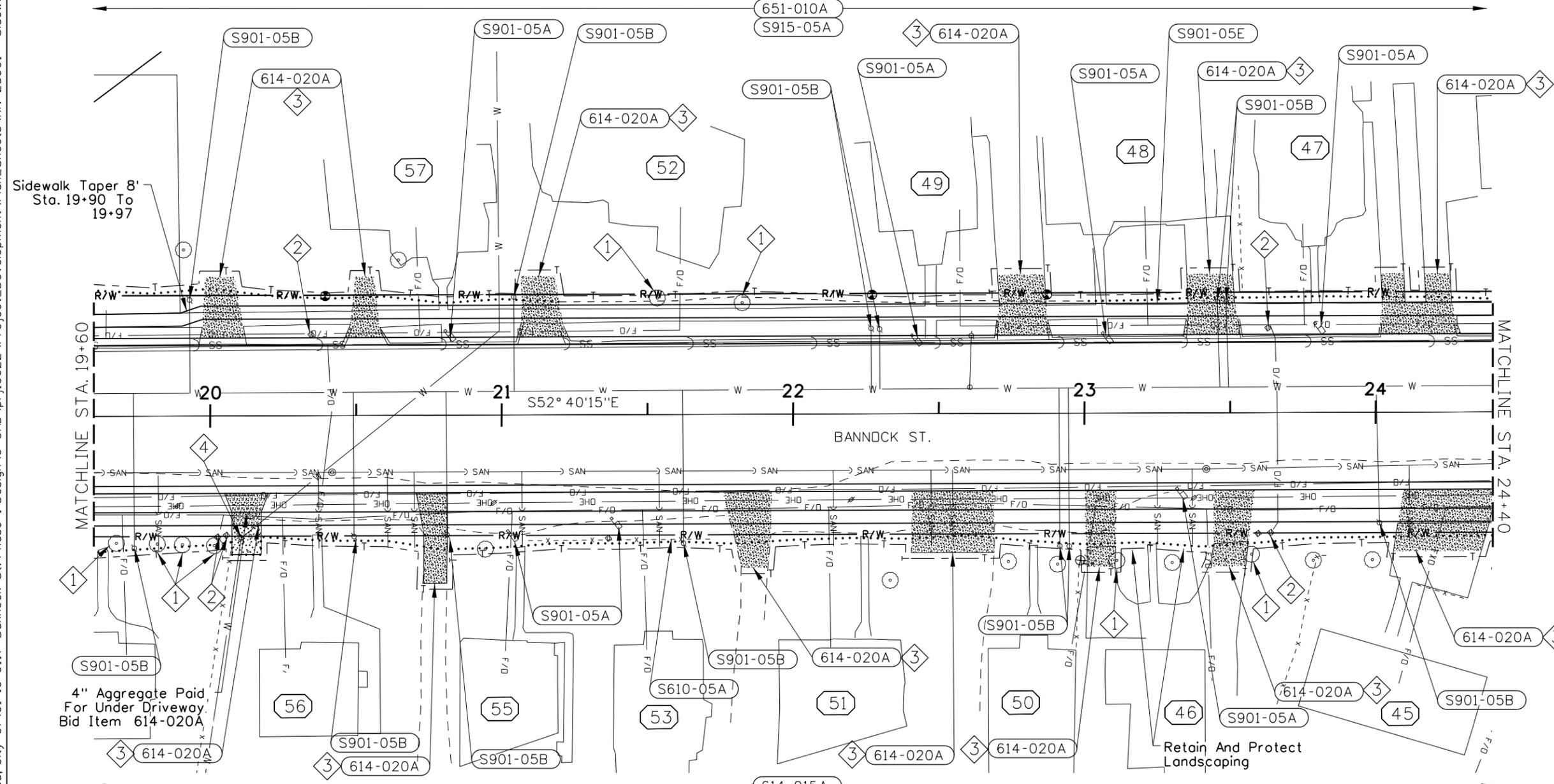
ROADWAY PROFILE  
 BANNOCK ST., SIDEWALKS TAP GRANT  
 STA. 14+80 TO STA. 19+60

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 23901  
 SHEET 41 OF 118



NW<sup>4</sup> SE<sup>4</sup> SEC. 21

614-015A  
615-491A  
651-010A  
S915-05A



Sidewalk Taper 8'  
Sta. 19+90 To  
19+97

4" Aggregate Paid  
For Under Driveway.  
Bid Item 614-020A

Retain And Protect  
Landscaping

614-015A Sidewalk	
19 SY	Sta. 19+60, 33.1' LT. To Sta. 19+97, 33.1' LT.
24 SY	Sta. 19+60, 33.1' RT. To Sta. 20+08, 33.1' RT.
27 SY	Sta. 20+18, 33.1' RT. To Sta. 20+73, 33.1' RT.
19 SY	Sta. 20+10, 33.1' LT. To Sta. 20+49, 33.1' LT.
25 SY	Sta. 20+57, 33.1' LT. To Sta. 21+07, 33.1' LT.
48 SY	Sta. 20+82, 33.1' RT. To Sta. 21+79, 33.1' RT.
75 SY	Sta. 21+20, 33.1' LT. To Sta. 22+71, 33.1' LT.
24 SY	Sta. 21+93, 33.1' RT. To Sta. 22+41, 33.1' RT.
16 SY	Sta. 22+69, 33.1' RT. To Sta. 23+01, 33.1' RT.
24 SY	Sta. 22+87, 33.1' LT. To Sta. 23+35, 33.1' LT.
17 SY	Sta. 23+10, 33.1' RT. To Sta. 23+45, 33.1' RT.
25 SY	Sta. 23+51, 33.1' LT. To Sta. 24+02, 33.1' LT.
25 SY	Sta. 23+57, 33.1' RT. To Sta. 24+09, 33.1' RT.
7 SY	Sta. 24+26, 33.1' LT. To Sta. 24+40, 33.1' LT.

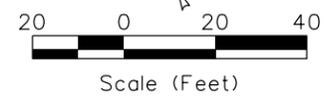
614-020A Driveway	
29 SY	Sta. 20+04, 26.6' LT., W-16'
25 SY	Sta. 20+13, 26.6' RT., W- 10'
21 SY	Sta. 20+53, 26.6' LT., W-14'
30 SY	Sta. 20+76, 26.6' RT., W-10'
32 SY	Sta. 21+14, 26.6' LT., W-18'
38 SY	Sta. 21+84, 26.6' RT., W-17'
66 SY	Sta. 22+55, 26.6' RT., W-28'
39 SY	Sta. 22+79, 26.6' LT., W-20'
30 SY	Sta. 23+06, 26.6' RT., W-11'
40 SY	Sta. 23+44, 26.6' LT., W-20'
37 SY	Sta. 23+51, 26.6' RT., W-14'
50 SY	Sta. 24+15, 26.6' LT., W-28'
73 SY	Sta. 24+26, 26.6' RT., W-32'

615-491A Curb & Gutter TY 1	
480 FT	Sta. 19+60, 24.1' LT. To Sta. 24+40, 24.1' LT.
480 FT	Sta. 19+60, 24.1' RT. To Sta. 24+40, 24.1' RT.

651-010A Lawn Construction (Sodded)	
271 SF	Sta. 19+60, 37.6' LT. To Sta. 19+97, 37.6' LT.
377 SF	Sta. 19+60, 37.6' RT. To Sta. 20+08, 37.6' RT.
295 SF	Sta. 20+18, 37.6' RT. To Sta. 20+74, 37.6' RT.
127 SF	Sta. 20+09, 37.6' LT. To Sta. 20+49, 37.6' LT.
90 SF	Sta. 20+57, 37.6' LT. To Sta. 21+06, 37.6' LT.
671 SF	Sta. 20+81, 37.6' RT. To Sta. 21+81, 37.6' RT.

(Continued On Sheet 43 of 118)

- ① Retain And Protect Tree Unless Stated Otherwise
- ② ATC Handholes Will Be Adjusted To Proposed Grade By ATC Communications During Construction
- ③ Driveway Per Detail On Sheet 14
- ④ Retain And Protect Water Valve



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. SOUTHWICK  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 23901\_PLAN\_03.dgn  
DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO. A023(901)

SIDEWALK, CURB AND GUTTER PLAN

BANNOCK ST., SIDEWALKS TAP GRANT

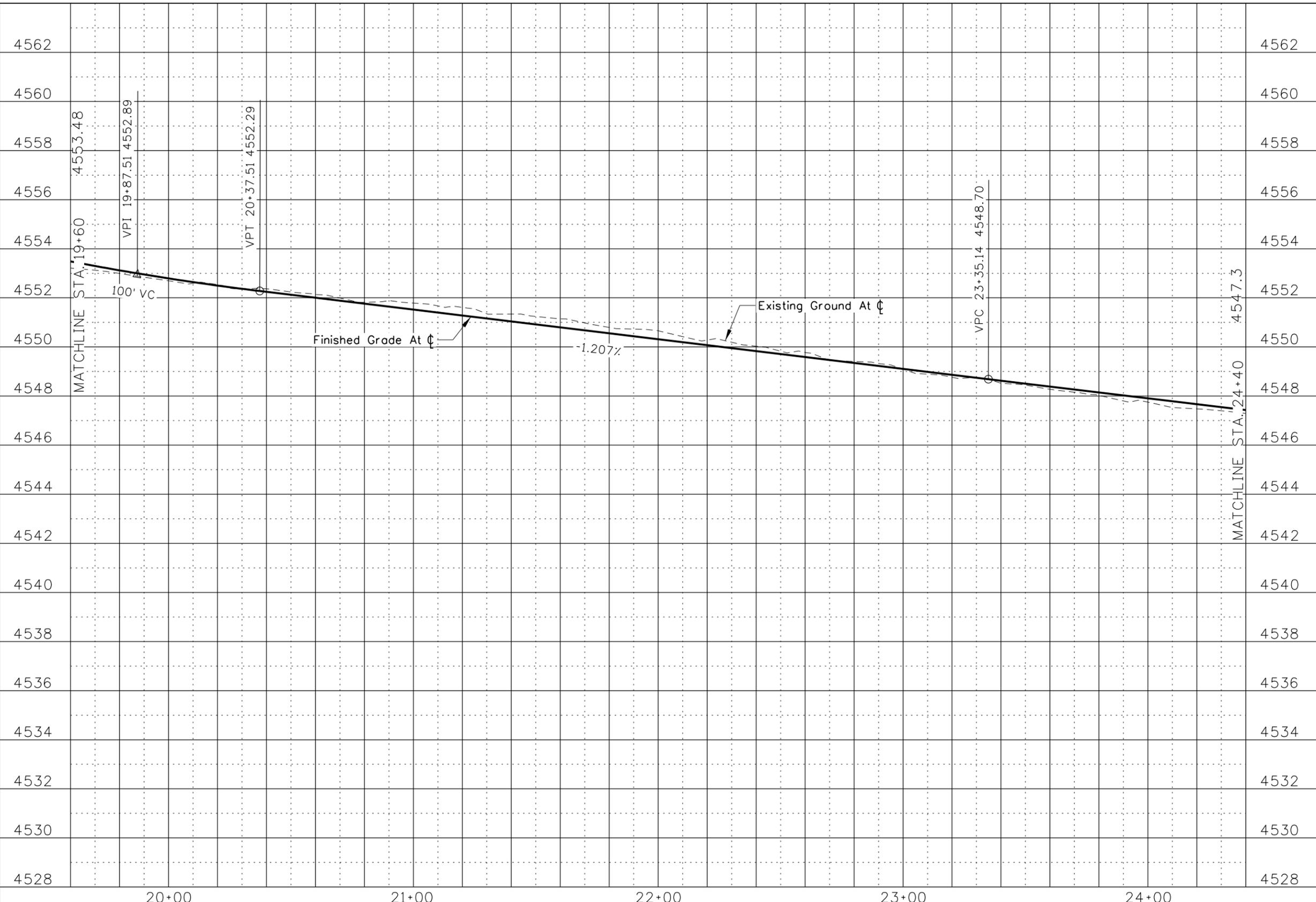
STA. 19+60 TO STA. 24+40

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 23901
SHEET 42 OF 118



1/28/2025 F:\Rexburg\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_PLAN\_03.dgn

1/28/2025 F:\Rexburg\OldfileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\proj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_PROF\_03.dgn



(Continued From Sheet 42 of 118)

4562	4562	(651-010A) Lawn Construction (Sodded)
4560	4560	206 SF Sta. 21+20, 37.6' LT. To Sta. 22+70, 37.6' LT.
4558	4558	252 SF Sta. 21+93, 37.6' RT. To Sta. 22+41, 37.6' RT.
4556	4556	197 SF Sta. 22+69, 37.6' RT. To Sta. 23+01, 37.6' RT.
4554	4554	50 SF Sta. 22+87, 37.6' LT. To Sta. 23+35, 37.6' LT.
4552	4552	247 SF Sta. 23+11, 37.6' RT. To Sta. 23+45, 37.6' RT.
4550	4550	102 SF Sta. 23+52, 37.6' LT. To Sta. 24+02, 37.6' LT.
4548	4548	286 SF Sta. 23+56, 37.6' RT. To Sta. 24+07, 37.6' RT.
4546	4546	13 SF Sta. 24+10, 37.6' LT. To Sta. 24+17, 37.6' LT.
4544	4544	20 SF Sta. 24+26, 37.6' LT. To Sta. 24+40, 37.6' LT.
4542	4542	7 SF Sta. 24+38, 37.6' RT. To Sta. 24+40, 37.6' RT.
4540	4540	(S610-05A) Remove and Reset Fence
4538	4538	63 FT Sta. 21+09 RT. To Sta. 21+73 RT.
4536	4536	(S901-05A) Remove and Reset Mailbox
4534	4534	1 EACH Sta. 20+82, 27' LT.
4532	4532	1 EACH Sta. 21+05, 42' RT.
4530	4530	1 EACH Sta. 21+40, 38' RT.
4528	4528	1 EACH Sta. 22+43, 24' LT.
		1 EACH Sta. 23+08, 25' LT.
		1 EACH Sta. 23+35, 28' RT.
		1 EACH Sta. 23+81, 28' LT.
		(S901-05B) Adjust Water Meter Base
		1 EACH Sta. 19+74, 45.2' RT.
		1 EACH Sta. 19+93, 39.8' LT.
		1 EACH Sta. 20+50, 41.5' RT.
		1 EACH Sta. 20+81, 40.9' RT.
		1 EACH Sta. 21+04, 40.4' LT.
		1 EACH Sta. 21+63, 44.1' RT.
		1 EACH Sta. 22+27, 29.3' LT.
		1 EACH Sta. 22+30, 29' LT.
		1 EACH Sta. 22+92, 45.3' RT.
		1 EACH Sta. 22+95, 45.5' RT.
		1 EACH Sta. 23+45, 38.1' LT.
		1 EACH Sta. 23+48, 38' LT.
		1 EACH Sta. 24+02, 37.9' RT.
		(S901-05E) SP-Adjust Irrigation System
		1 EACH Sta. 22+87, 38' LT. To Sta. 23+35, 38' LT.

(Continued On Sheet 44 of 118)

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. SOUTHWICK  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 23901\_PROF\_03.dgn  
 DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

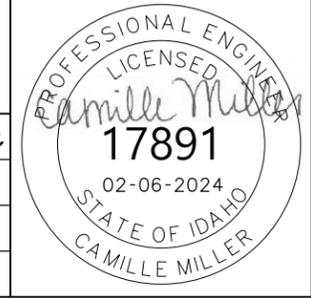
FORSGREN *Associates Inc.*



PROJECT NO.  
A023(901)

ROADWAY PROFILE  
 BANNOCK ST., SIDEWALKS TAP GRANT  
 STA. 19+60 TO STA. 24+40

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 23901  
 SHEET 43 OF 118



(Continued From Sheet 43 of 118)

S915-05A		Landscape Gravel
155 SF	Sta. 19+60, 26.6' LT. To Sta. 19+96, 26.6' LT.	
300 SF	Sta. 19+60, 26.6' RT. To Sta. 20+08, 26.6' RT.	
342 SF	Sta. 20+18, 26.6' RT. To Sta. 20+72, 26.6' RT.	
234 SF	Sta. 20+12, 26.6' LT. To Sta. 20+48, 26.6' LT.	
309 SF	Sta. 20+58, 26.6' LT. To Sta. 21+07, 26.6' LT.	
619 SF	Sta. 21+81, 26.6' RT. To Sta. 21+76, 26.6' RT.	
962 SF	Sta. 21+21, 26.6' LT. To Sta. 22+70, 26.6' LT.	
313 SF	Sta. 21+93, 26.6' RT. To Sta. 22+41, 26.6' RT.	
203 SF	Sta. 22+69, 26.6' RT. To Sta. 23+00, 26.6' RT.	
303 SF	Sta. 22+87, 26.6' LT. To Sta. 23+35, 26.6' LT.	
218 SF	Sta. 23+11, 26.6' RT. To Sta. 23+44, 26.6' RT.	
312 SF	Sta. 23+53, 26.6' LT. To Sta. 24+02, 26.6' LT.	
331 SF	Sta. 23+59, 26.6' RT. To Sta. 24+10, 26.6' RT.	
78 SF	Sta. 24+27, 26.6' LT. To Sta. 24+40, 26.6' LT.	

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED K. HARRIS	
DETAILED M. SOUTHWICK	CADD FILE NAME 23901_PRDF_03a.dgn
DRAWING CHECKED A. BASS	DRAWING DATE: JAN 2024

**IDAHO  
TRANSPORTATION  
DEPARTMENT**



FORSGREN *Associates Inc.*

PROJECT NO.  A023(901)
------------------------------

SIDEWALK, CURB AND GUTTER PLAN  BANNOCK ST., SIDEWALKS TAP GRANT STA. 19+60 TO STA. 24+40
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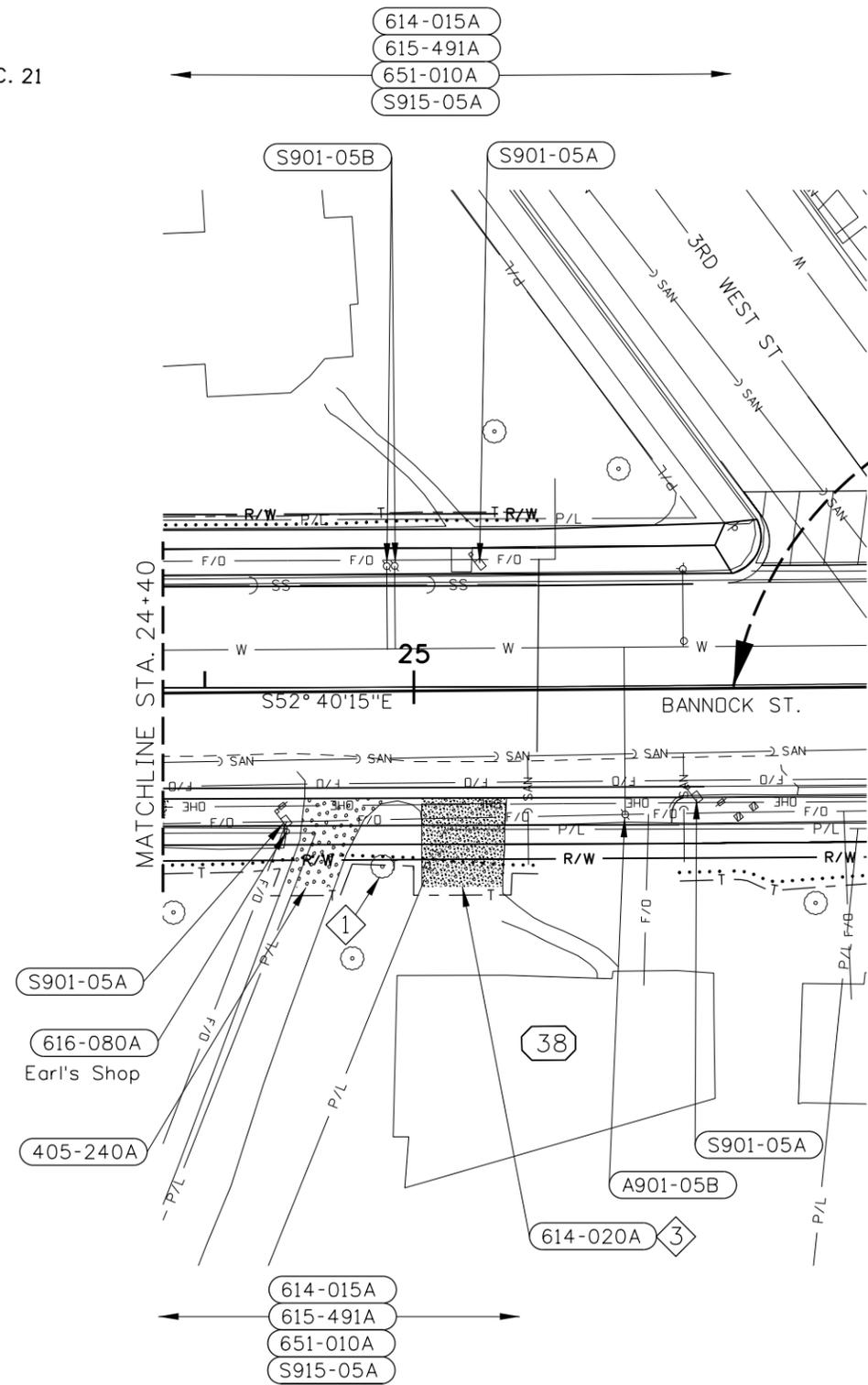
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COUNTY ONEIDA
KEY NUMBER 23901
SHEET 44 OF 118



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T.14S., R.36E., B.M.

NW<sup>4</sup> SE<sup>4</sup> SEC. 21



**END PROJECT  
END CONSTRUCTION**  
A023(901)  
STA. 25+75  
Match Existing Bannock Street  
N: 632555.0419  
E: 190926.3808

① Retain And Protect Tree Unless Stated Otherwise

Driveway Per Detail On Sheet 14



405-240A	Misc Paving	32 SY	Sta. 24+83, 26.6' RT., W-20'
614-015A	Sidewalk	69 SY	Sta. 24+40, 33.1' LT. To Sta. 25+75, 33.4' LT.
		16 SY	Sta. 24+40, 33.1' RT. To Sta. 24+73, 33.1' RT.
		8 SY	Sta. 24+85, 33.1' RT. To Sta. 25+02, 33.1' RT.
		21 SY	Sta. 25+22, 33.1' RT. To Sta. 25+63, 33.1' RT.
614-020A	Driveway	46 SY	Sta. 25+12, 26.6' RT., W-20'
615-491A	Curb & Gutter TY 1	136 FT	Sta. 24+40, 24.1' LT. To Sta. 25+76, 24.1' LT.
		124 FT	Sta. 24+40, 24.1' RT. To Sta. 25+63, 24.1' RT.
616-080A	Reinstall Sign	1 EACH	Sta. 24+70, 38' RT.
651-010A	Lawn Construction (Sodded)	146 SF	Sta. 24+40, 37.6' LT. To Sta. 25+29.48, 37.6' LT.
		33 SF	Sta. 25+58, 38.5' LT. To Sta. 25+64, 38.5' LT.
		135 SF	Sta. 24+40, 37.6' RT. To Sta. 24+73, 37.6' RT.
		52 SF	Sta. 24+84, 37.6' RT. To Sta. 25+02, 37.6' RT.
		34 SF	Sta. 25+22, 37.6' RT. To Sta. 25+29.48, 37.6' RT.
S901-05A	Remove and Reset Mailbox	1 EACH	Sta. 24+70, 32' RT.
		1 EACH	Sta. 25+16, 29' LT.
		1 EACH	Sta. 25+68, 27' RT.
S901-05B	Adjust Water Meter Base	1 EACH	Sta. 24+93, 29' LT.
		1 EACH	Sta. 24+95, 29' LT.
		1 EACH	Sta. 25+50, 30.6' RT.
S915-05A	Landscape Gravel	883 SF	Sta. 24+40, 26.6' LT. To Sta. 25+76, 26.6' LT.
		213 SF	Sta. 24+40, 26.6' RT. To Sta. 24+74, 26.6' RT.
		77 SF	Sta. 24+87, 26.6' RT. To Sta. 25+02, 26.6' RT.
		267 SF	Sta. 25+22, 26.6' RT. To Sta. 25+63, 26.6' RT.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. SOUTHWICK  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 23901\_PLAN\_04.dgn  
 DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO. A023(901)

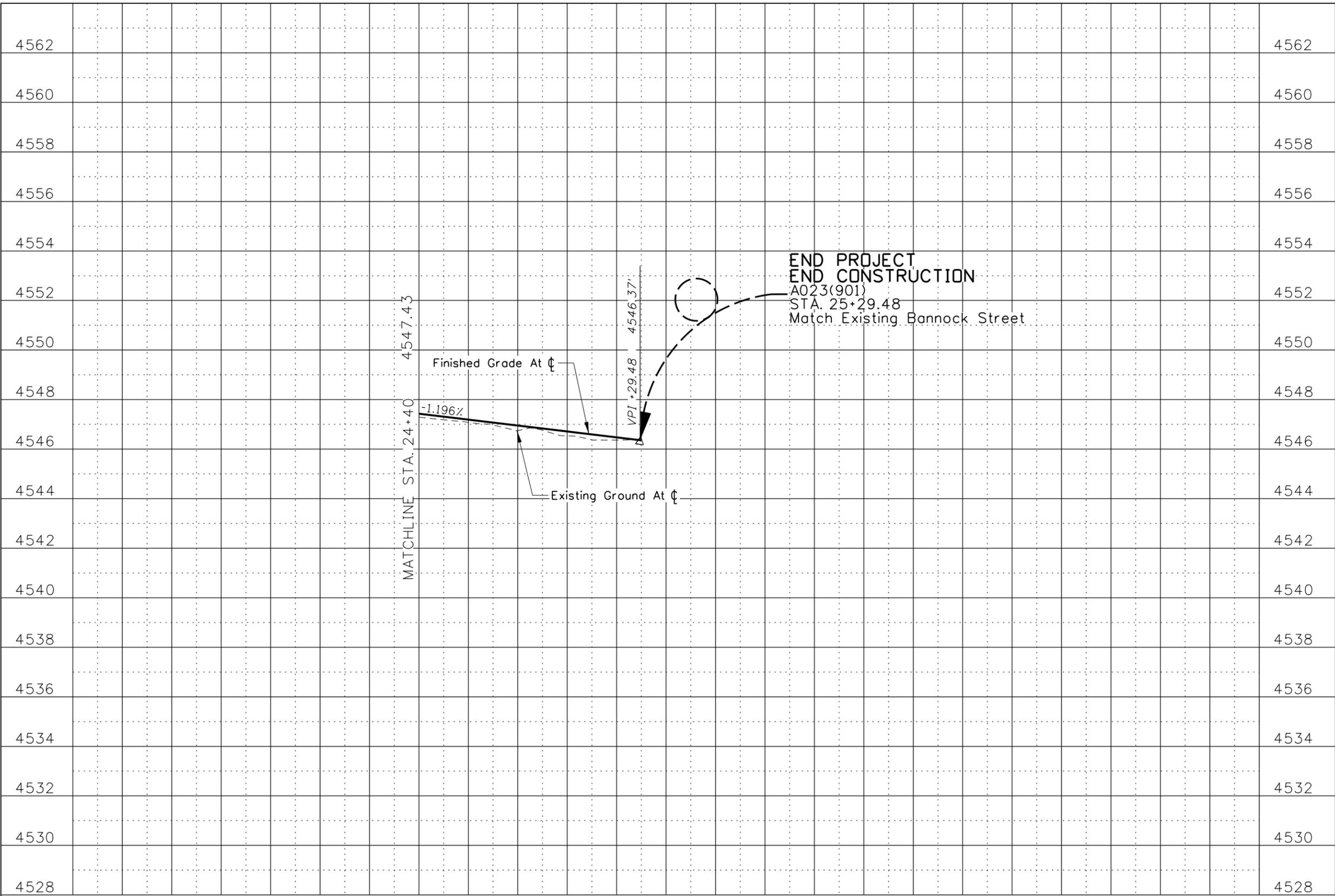
BANNOCK ST., SIDEWALKS TAP GRANT

**English**

COUNTY ONEIDA  
 KEY NUMBER 23901  
 SHEET 45 OF 118



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MATCHLINE STA. 24+40 4547.43

**END PROJECT  
END CONSTRUCTION**  
A023(901)  
STA. 25+29.48  
Match Existing Bannock Street

25+00 26+00

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. SOUTHWICK
DRAWING CHECKED	A. BASS

SCALES SHOWN  
ARE FOR 11" X 17"  
PRINTS ONLY

CADD FILE NAME  
23901\_PRDF\_04.dgn

DRAWING DATE:  
JAN 2024

**IDAHO  
TRANSPORTATION  
DEPARTMENT**



*FORSGREN Associates Inc.*

PROJECT NO.  
  
A023(901)

ROADWAY PROFILE  
BANNOCK ST., SIDEWALKS  
TAP GRANT  
STA. 24+80 TO STA. 26+00

**English**

COUNTY ONEIDA

KEY NUMBER  
23901

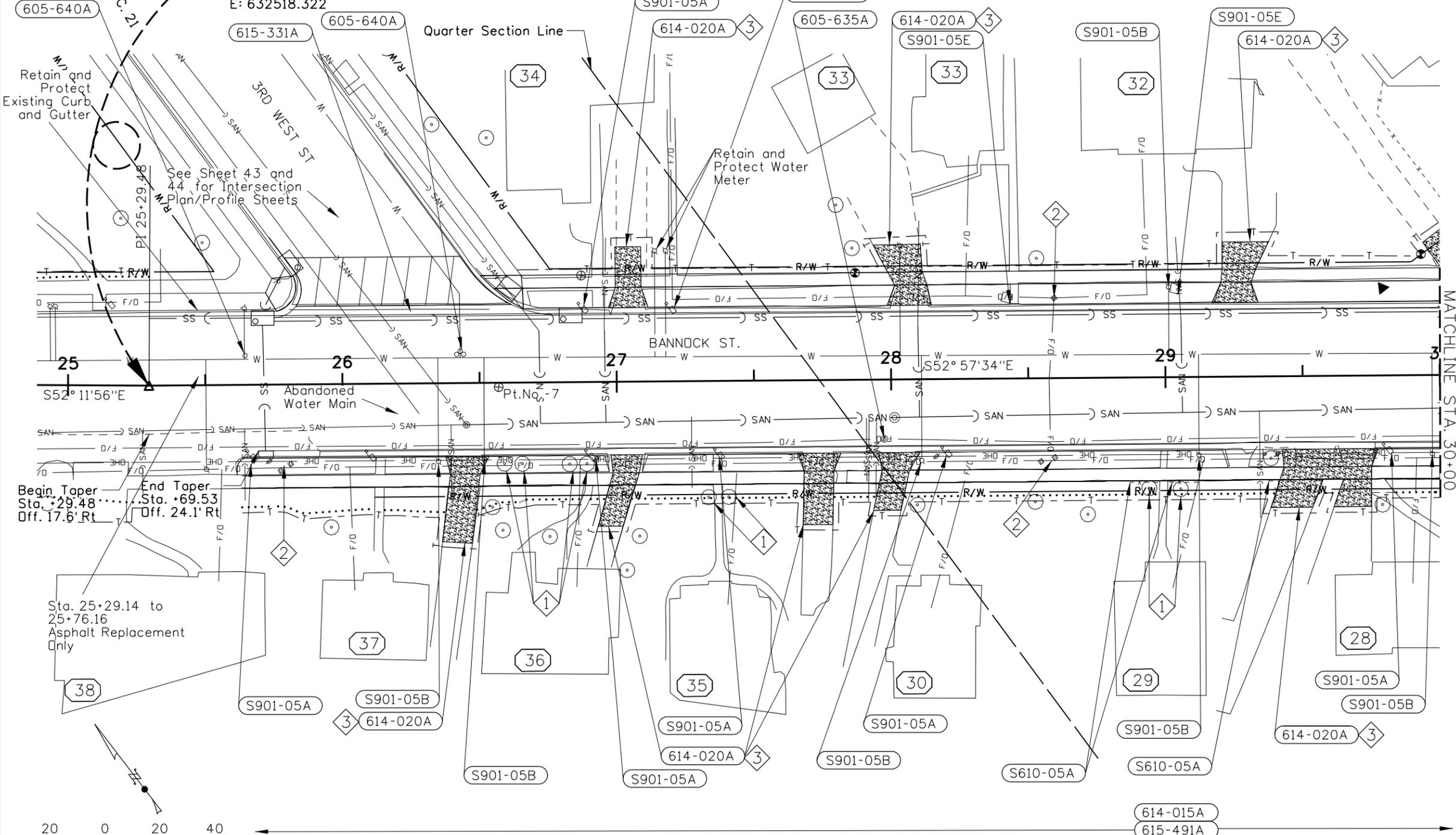
SHEET 46 OF 118



T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21

**BEGIN PROJECT  
BEGIN CONSTRUCTION**  
A019(622)  
STA. 25+29.48  
Match Existing Bannock Street  
N: 190954.092  
E: 632518.322



- 605-635A** Adjust Manhole Covers  
1 EACH Sta. 27+97, 22' RT.
- 605-640A** Adjust Valve Covers  
1 EACH Sta. 25+65, 11' LT.  
3 EACH Sta. 26+42, 10' LT.
- 614-015A** Sidewalk  
18 SY Sta. 26+66, 37' LT. To Sta. 27+00, 36' LT.  
48 SY Sta. 27+09, 36' LT. To Sta. 28+00, 36' LT.  
56 SY Sta. 28+13, 36' LT. To Sta. 29+21, 37' LT.  
35 SY Sta. 29+32, 37' LT. To Sta. 30+00, 37' LT.  
38 SY Sta. 25+63, 35' RT. To Sta. 26+39, 35' RT.  
24 SY Sta. 26+50, 35' RT. To Sta. 26+98, 35' RT.  
30 SY Sta. 27+07, 35' RT. To Sta. 27+68, 36' RT.  
9 SY Sta. 27+79, 36' RT. To Sta. 27+96, 35' RT.  
68 SY Sta. 28+06, 35' RT. To Sta. 29+42, 35' RT.  
12 SY Sta. 29+75, 36' RT. To Sta. 30+00, 35' RT.
- 614-020A** Driveway  
40 SY Sta. 26+45, 26' RT., W-16'  
25 SY Sta. 27+04, 27' LT., W-14'  
29 SY Sta. 27+05, 27' RT., W-15'  
33 SY Sta. 27+74, 26' RT., W-16'  
25 SY Sta. 28+03, 26' RT., W-15'  
35 SY Sta. 28+07, 27' LT., W-16'  
34 SY Sta. 29+25, 27' LT., W-17'  
71 SY Sta. 29+60, 27' RT., W-35'
- 615-331A** Gutter Type 1  
91 FT Sta. 25+75, 24' LT. To Sta. 26+66, 24' LT.
- 615-491A** Curb & Gutter Ty 1  
439 FT Sta. 25+61, 35' RT. To Sta. 30+00, 25' RT.  
334 FT Sta. 26+66, 27' LT. To Sta. 30+00, 26' LT.
- 651-010A** Lawn Construction (Sodded)  
387 SF Sta. 25+63, 42' RT. To Sta. 26+11, 42' RT.  
487 SF Sta. 25+63, 30' RT. To Sta. 26+38, 30' RT.  
201 SF Sta. 26+15, 42' RT. To Sta. 26+38, 43' RT.  
221 SF Sta. 26+49, 42' RT. To Sta. 26+88, 40' RT.  
29 SF Sta. 26+88, 40' RT. To Sta. 26+96, 40' RT.  
147 SF Sta. 27+06, 40' RT. To Sta. 27+35, 40' RT.  
148 SF Sta. 27+38, 40' RT. To Sta. 27+68, 41' RT.  
81 SF Sta. 27+79, 40' RT. To Sta. 27+95, 41' RT.

(Continued on Sheet 48 of 118)

- 2 ATC Handholes Will Be Adjusted To Proposed Grade By ATC Communications During Construction
- 3 Driveway Per Detail On Sheet 15
- 1 Retain And Protect Tree

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. PALMER  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 19622\_PLAN\_01.dgn  
DRAWING DATE: OCT 2022



PROJECT NO. A019(622)

ROADWAY PLAN  
BANNOCK ST., MALAD CITY  
STA. 25+29.48 TO STA. 30+00

**English**  
COUNTY ONEIDA  
KEY NUMBER 19622  
SHEET 47 OF 118



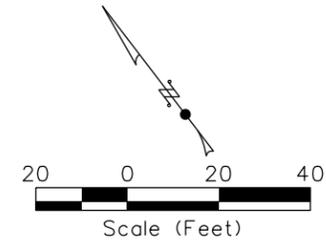
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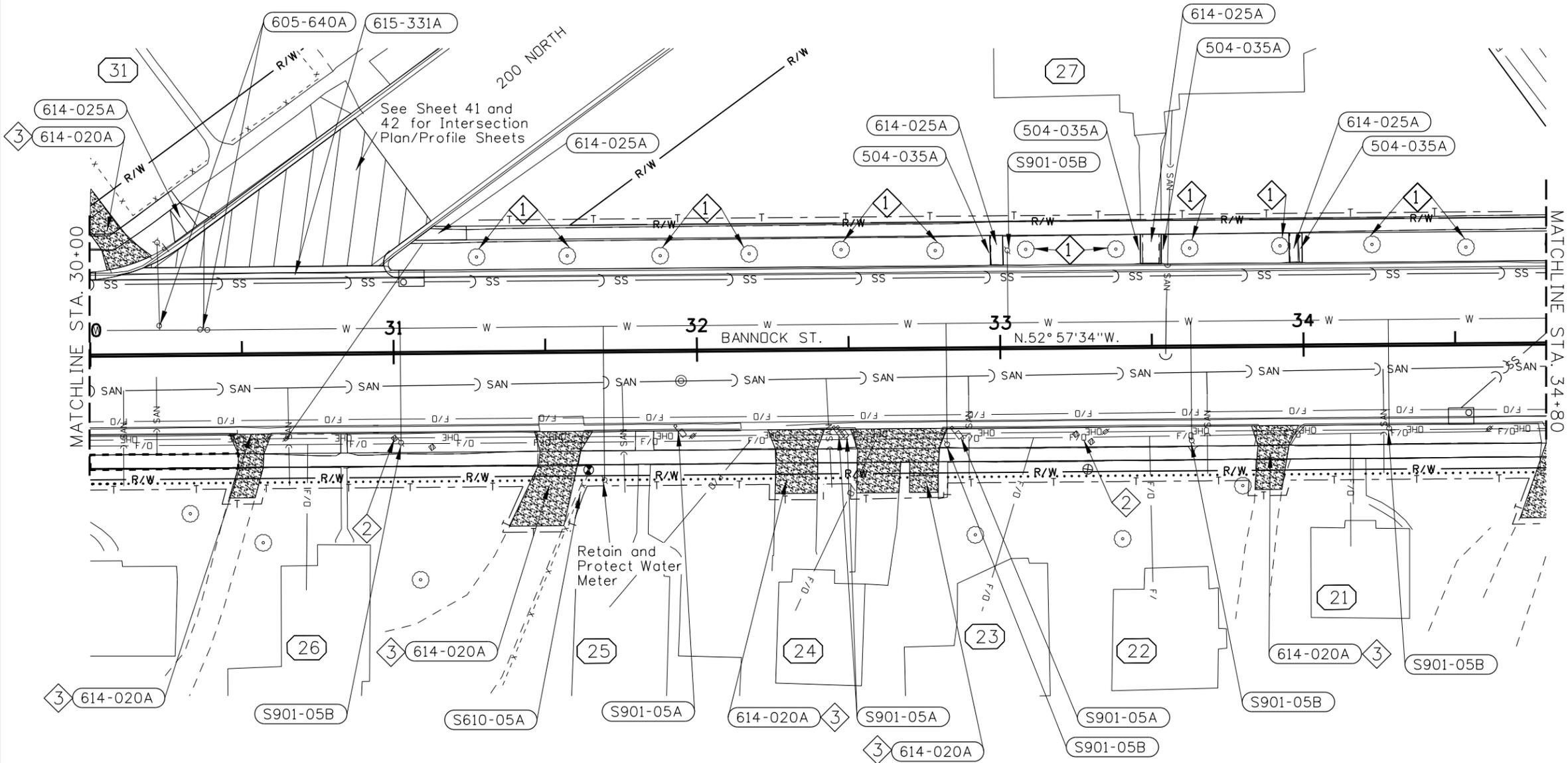
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T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



651-010A  
614-015A  
615-491A



- (504-035A) Pedestrian Railing
  - 9 FT Sta. 32+97, 27.5' LT.
  - 9 FT Sta. 33+46, 27.5' LT.
  - 9 FT Sta. 33+54, 27.5' LT.
  - 9 FT Sta. 33+99, 27.5' LT.
- (605-640A) Adjust Valve Covers
  - 1 EACH Sta. 30+23, 9' LT.
  - 2 EACH Sta. 30+37, 8' LT.
- (614-015A) Sidewalk
  - 24 SY Sta. 30+00, 35' RT. to Sta. 30+48, 35' RT.
  - 46 SY Sta. 30+57, 36' RT. to Sta. 31+47, 35' RT.
  - 187 SY Sta. 31+24, 39' LT. to Sta. 34+80, 41' LT.
  - 35 SY Sta. 31+61, 35' RT. to Sta. 32+25, 35' RT.
  - 7 SY Sta. 32+40, 35' RT. to Sta. 32+52, 35' RT.
  - 54 SY Sta. 32+80, 35' RT. to Sta. 33+84, 35' RT.
  - 45 SY Sta. 33+95, 35' RT. to Sta. 34+78, 35' RT.
- (614-020A) Driveway
  - 26 SY Sta. 30+07, 27' LT., 20 SY Sta. 30+50, 48' RT., W-9
  - 66 SY Sta. 31+47, 57' RT., W-18'
  - 15 SY Sta. 32+32, 49' RT., W-14'
  - 54 SY Sta. 32+59, 48' RT., W-14'
  - 27 SY Sta. 33+88, 48' RT., W-9'
- (614-025A) ADA Curb Ramps
  - 13 SY Sta. 30+28, 37' LT. To Sta. 30+39, 45' LT.
  - 13 SY Sta. 31+09, 30' LT.
  - 4 SY Sta. 32+97, 32' LT. To Sta. 33+01, 32' LT.
  - 7 SY Sta. 33+47, 32' LT. To Sta. 33+53, 32' LT.
  - 3 SY Sta. 33+96, 32' LT. To Sta. 33+99, 32' LT.
- (615-331A) Curb & Gutter Type 1 Valley Gutter
  - 86 FT Sta. 30+12, 26' LT. To Sta. 30+98, 26' LT.
- (615-491A) Curb & Gutter TY 1
  - 480 FT Sta. 30+00, 25' RT. To Sta. 34+80, 25' RT.
  - 16 FT Sta. 30+00, 25' LT. To Sta. 30+16, 24' LT.
  - 382 FT Sta. 30+98, 29' LT. To Sta. 34+80, 26' LT.

- ② ATC Handholes Will Be Adjusted To Proposed Grade By ATC communications During Construction
- ③ Driveway Per Detail On Sheet 15

614-015A  
615-491A  
651-010A  
S915-05A

- ① Retain And Protect Tree
- See Appendix A in Special Provisions for Tree Protection Plan For Trees At The Clinic

(Continued on Sheet 50 of 118)

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. PALMER  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 19622\_PLAN\_02.dgn  
DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

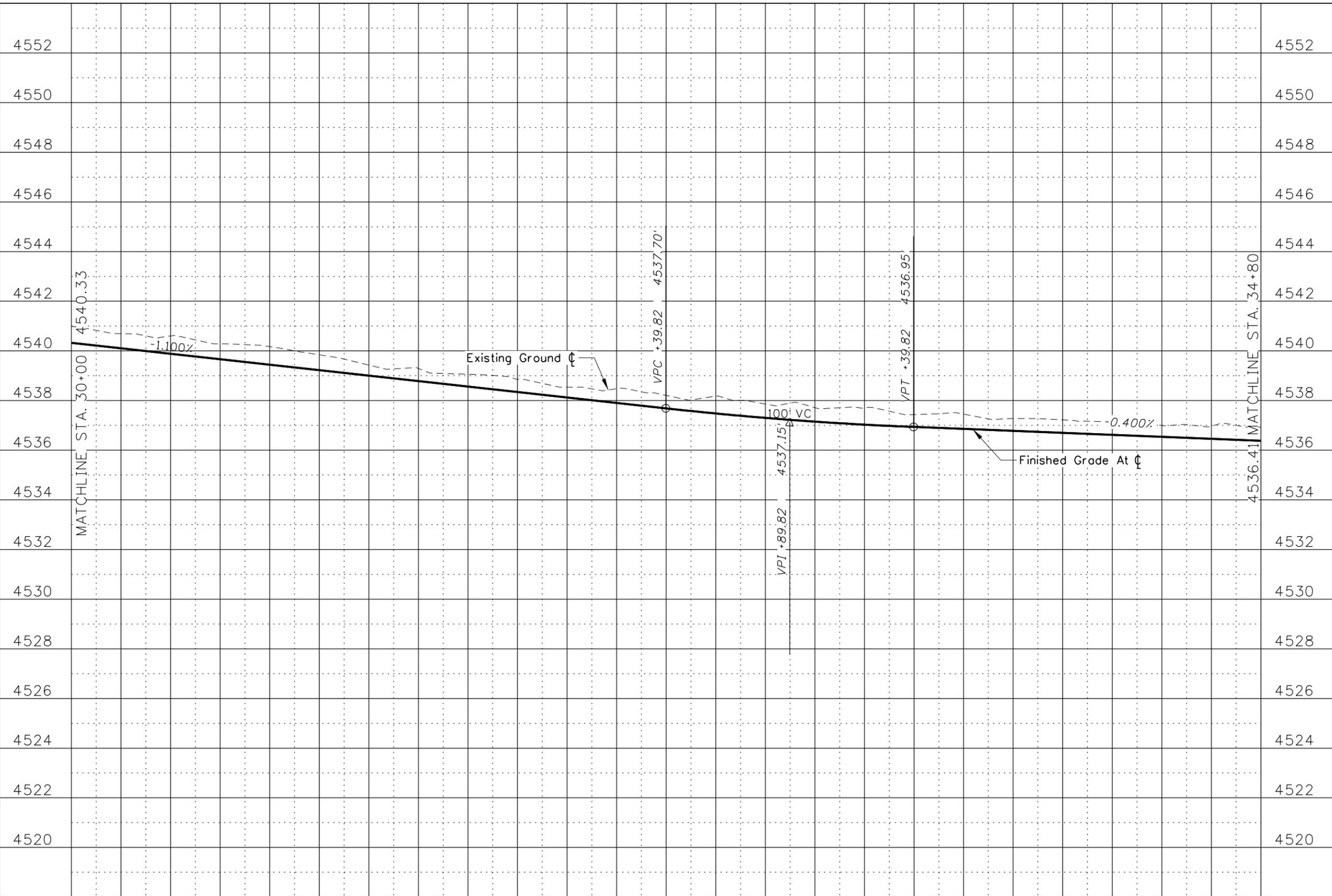
PROJECT NO. A019(622)

ROADWAY PLAN  
BANNOCK ST., MALAD CITY  
STA. 30+00 TO STA. 34+80

**English**  
COUNTY ONEIDA  
KEY NUMBER 19622  
SHEET 49 OF 118



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(Continued From Sheet 49 of 118)

4552	4552	651-010A	Lawn Construction (Sodded)
4550	4550	241 SF	Sta. 30+00, 40' RT. To Sta. 30+48, 41' RT.
4548	4548	132 SF	Sta. 30+56, 40' RT. To Sta. 30+82, 40' RT.
4546	4546	312 SF	Sta. 30+84, 40' RT. To Sta. 31+46, 41' RT.
4544	4544	1921 SF	Sta. 30+97, 29' LT. To Sta. 32+97, 32' LT.
4542	4542	312 SF	Sta. 31+60, 41' RT. To Sta. 31+80, 40' RT.
4540	4540	210 SF	Sta. 31+84, 40' RT. To Sta. 32+26, 40' RT.
4538	4538	66 SF	Sta. 32+40, 40' RT. To Sta. 32+52, 40' RT.
4536	4536	16 SF	Sta. 32+67, 40' RT. To Sta. 32+70, 40' RT.
4534	4534	516 SF	Sta. 32+79, 40' RT. To Sta. 33+77, 40' RT.
4532	4532	445 SF	Sta. 33+01, 32' LT. To Sta. 33+47, 32' LT.
4530	4530	414 SF	Sta. 33+53, 32' LT. To Sta. 33+96, 32' LT.
4528	4528	113 SF	Sta. 33+94, 40' RT. To Sta. 34+16, 40' RT.
4526	4526	795 SF	Sta. 33+99, 32' LT. To Sta. 34+80, 32' LT.
4524	4524	288 SF	Sta. 34+20, 40' RT. To Sta. 34+77, 41' RT.
4522	4522	S610-05A	Remove and Reset Fence
4520	4520	5 FT	Sta. 31+62, 41' RT. To Sta. 31+63, 41' RT.
		S901-05A	Remove and Reset Mailbox
		1 EACH	Sta. 31+94, 27' RT.
		1 EACH	Sta. 32+46, 27' RT.
		1 EACH	Sta. 32+48, 27' RT.
		1 EACH	Sta. 32+85, 28' RT.
		S901-05B	Adjust Water Meter Base
		1 EACH	Sta. 31+02, 30' RT.
		1 EACH	Sta. 32+82, 32' RT.
		1 EACH	Sta. 33+03, 32' LT.
		1 EACH	Sta. 33+63, 31' RT.
		1 EACH	Sta. 34+28, 28' RT.
		S915-05A	Landscape Gravel
		308 SF	Sta. 30+00, 30' RT. To Sta. 30+47, 30' RT.
		571 SF	Sta. 30+58, 30' RT. To Sta. 31+47, 30' RT.
		396 SF	Sta. 31+63, 30' RT. To Sta. 32+25, 30' RT.
		71 SF	Sta. 32+41, 30' RT. To Sta. 32+52, 30' RT.
		667 SF	Sta. 32+81, 30' RT. To Sta. 33+84, 30' RT.
		522 SF	Sta. 33+97, 30' RT. To Sta. 34+78, 30' RT.

30 31 32 33 34

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_PROF\_02.dgn  
 DRAWING DATE: OCT 2022

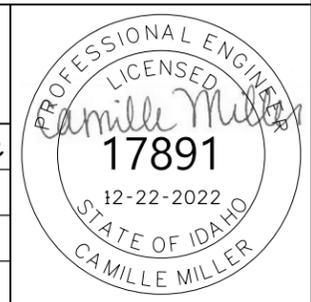
**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO. A019(622)

ROADWAY PROFILE  
 BANNOCK ST., MALAD CITY  
 STA. 30+00 TO STA. 34+80

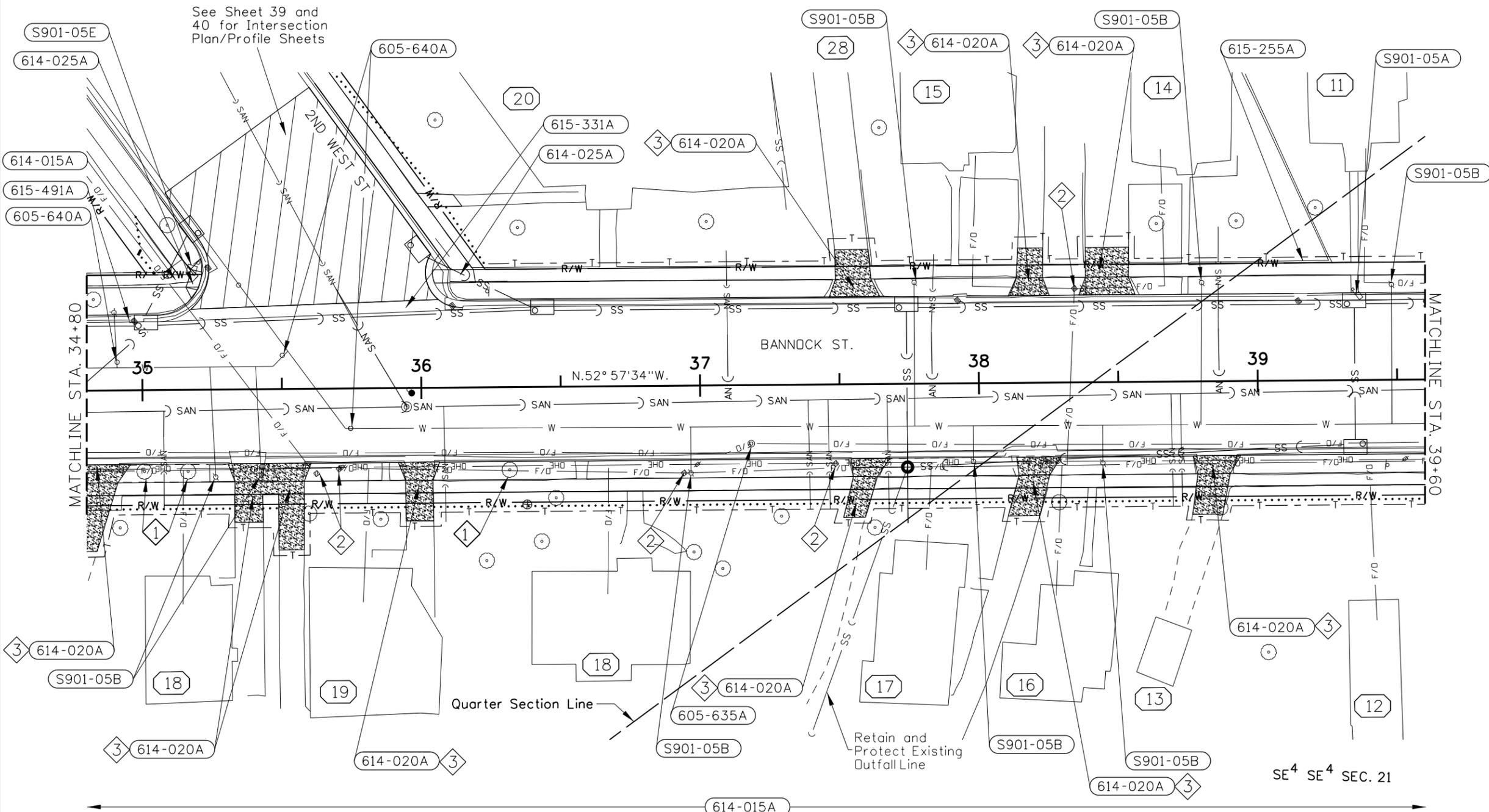
**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 50 OF 118





NE<sup>4</sup> SE<sup>4</sup> SEC. 21

614-015A  
615-491A  
S915-05A



605-635A	Adjust Manhole Covers	1 EACH	Sta. 37+18, 21' RT.
605-640A	Adjust Valve Covers	1 EACH	Sta. 34+91, 10' LT.
		1 EACH	Sta. 35+49, 11' LT.
		1 EACH	Sta. 35+75, 14' RT.
614-015A	Sidewalk	17 SY	Sta. 34+80, 39' LT. To Sta. 35+16, 39' LT.
		20 SY	Sta. 34+92, 36' RT. To Sta. 35+33, 36' RT.
		18 SY	Sta. 35+58, 35' RT. To Sta. 35+94, 35' RT.
		79 SY	Sta. 36+04, 35' RT. To Sta. 37+54, 36' RT.
		65 SY	Sta. 36+19, 40' LT. To Sta. 37+49, 40' LT.
		27 SY	Sta. 37+62, 40' LT. To Sta. 38+14, 40' LT.
		25 SY	Sta. 37+63, 36' RT. To Sta. 38+13, 36' RT.
		8 SY	Sta. 38+23, 40' LT. To Sta. 38+39, 40' LT.
		28 SY	Sta. 38+25, 36' RT. To Sta. 38+78, 35' RT.
		54 SY	Sta. 38+54, 40' LT. To Sta. 39+60, 40' LT.
		35 SY	Sta. 38+90, 35' RT. To Sta. 39+60, 35' RT.
614-020A	Driveway	12 SY	Sta. 34+81, 48' RT., W-11'
		24 SY	Sta. 35+38, 48' RT., W-10'
		22 SY	Sta. 35+53, 48' RT., W-9'
		24 SY	Sta. 35+99, 48' RT., W-10'
		32 SY	Sta. 37+45, 52' LT., W-12'
		21 SY	Sta. 37+55, 48' RT., W-7'
		29 SY	Sta. 38+16, 48' RT., W-11'
		22 SY	Sta. 38+19, 52' LT., W-9'
		38 SY	Sta. 38+46, 52' LT., W-16'
		29 SY	Sta. 38+82, 48' RT., W-11'
614-025A	ADA Curb Ramps	13 SY	Sta. 35+16, 37' LT. To Sta. 35+22, 42' LT.
		13 SY	Sta. 36+04, 42' LT. To Sta. 36+20, 36' LT.
615-255A	Curb (7.5"x12")	71 FT	Sta. 38+39, 42' Lt. To Sta. 39+25, 42' Lt.
615-331A	Curb & Gutter Type 1 (Valley Gutter)	125 FT	Sta. 35+06, 24' LT. To Sta. 36+40, 24' LT.
615-491A	Curb & Gutter Ty 1	37 FT	Sta. 34+80, 26' LT. To Sta. 35+17, 31' LT.
		480 FT	Sta. 34+80, 26' RT. To Sta. 39+60, 25' RT.
		334 FT	Sta. 36+26, 32' LT. To Sta. 39+60, 30' LT.

(Continued on Sheet 52 of 118)

- 2 ATC Handholes Will Be Adjusted To Proposed Grade By ATC Communications During Construction
- 3 Driveway Per Detail On Sheet 15
- 1 Retain And Protect Tree

1/28/2025 F:\Rexburg\01of19-0117 Bannock St. Phase I Design\9 CAD\p\19622\Project\_Development\Plan\_Sheets\ROADWAY\19622\_PLAN\_03.dgn

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_PLAN\_03.dgn  
 DRAWING DATE: OCT 2022



PROJECT NO. A019(622)

ROADWAY PLAN  
 BANNOCK ST., MALAD CITY  
 STA. 34+80 TO STA. 39+60

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 51 OF 118



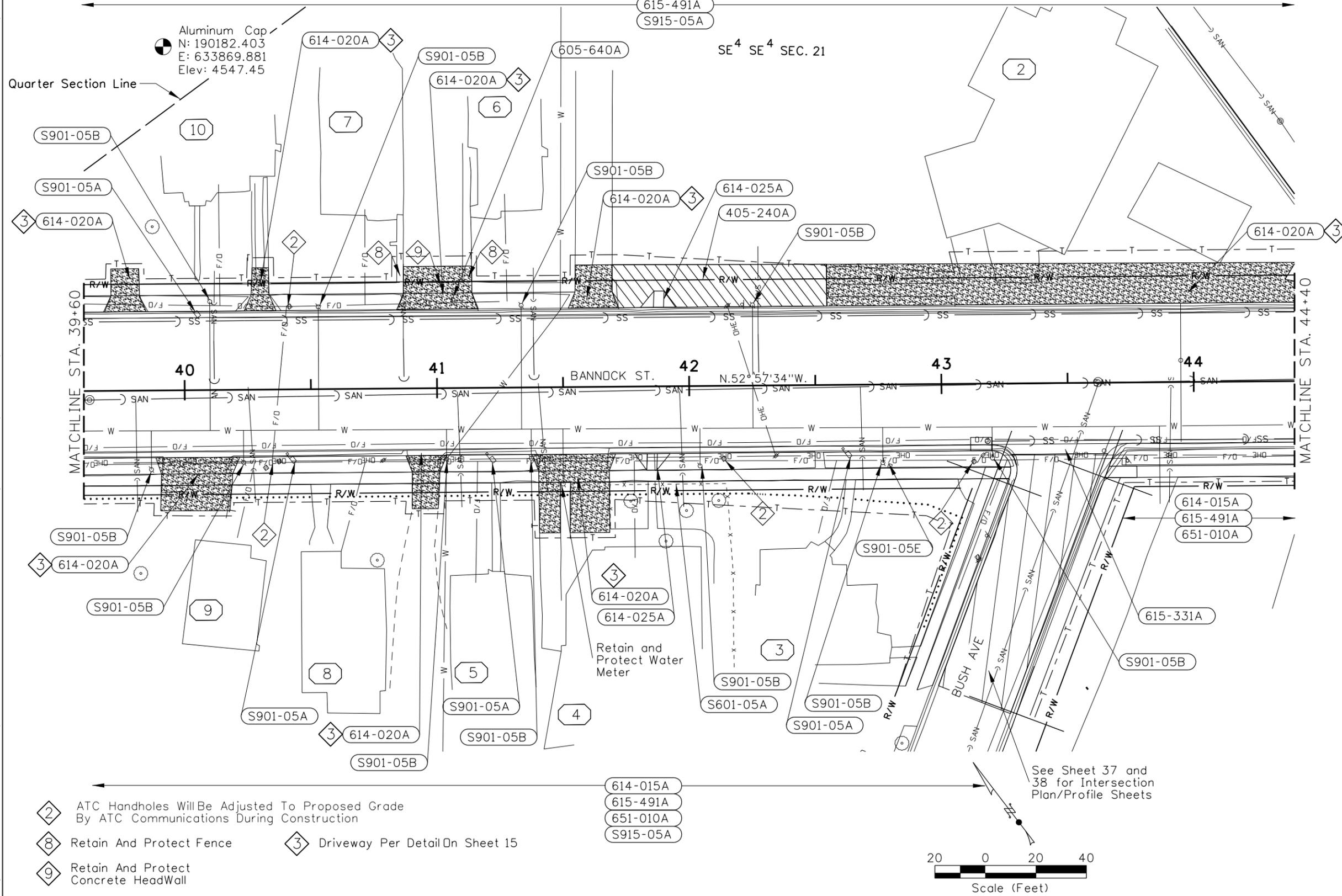


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T.14S., R.36E., B.M.

614-015A  
615-491A  
S915-05A

SE<sup>4</sup> SE<sup>4</sup> SEC. 21



405-240A	Misc Paving	151 SY	Sta. 43+05 31' LT., W-38
605-640A	Adjust Valve Covers	1 EACH	Sta. 41+07, 35' LT.
614-015A	Sidewalk	7 SY	Sta. 39+60, 40' LT. To Sta. 39+71, 40' LT.
		15 SY	Sta. 39+60, 35' RT. To Sta. 39+90, 36' RT.
		23 SY	Sta. 39+82, 40' LT. To Sta. 40+27, 40' LT.
		36 SY	Sta. 40+19, 36' RT. To Sta. 40+90, 36' RT.
		27 SY	Sta. 40+34, 40' LT. To Sta. 40+87, 40' LT.
		20 SY	Sta. 41+01, 36' RT. To Sta. 41+40, 35' RT.
		21 SY	Sta. 41+14, 40' LT. To Sta. 41+55, 40' LT.
		74 SY	Sta. 41+68, 36' RT. To Sta. 43+16, 36' RT.
		31 SY	Sta. 43+77, 35' RT. To Sta. 44+40, 36' RT.
614-020A	Driveway	23 SY	Sta. 39+77, 31' LT., W-17'
		68 SY	Sta. 40+05, 26' RT., W-33'
		15 SY	Sta. 40+30, 31' LT., W-13'
		27 SY	Sta. 40+96, 26' RT., W-16'
		53 SY	Sta. 41+00, 32' LT., W-32'
		89 SY	Sta. 41+54, 26' RT., W-33'
		30 SY	Sta. 41+62, 31' LT., W-20'
		336 SY	Sta. 43+51, 31' LT., W-192'
614-025A	ADA Curb Ramps	7 SY	Sta. 41+78, 27' RT. To Sta. 41+92, 27' RT.
		6 SY	Sta. 41+81, 31' LT. To Sta. 41+95, 31' LT.
615-331A	Gutter Type 1 (Valley Gutter)	54 FT	Sta. 43+20, 24.1' RT. To Sta. 43+74, 24.1' RT.
615-491A	Curb & Gutter Ty 1	480 FT	Sta. 39+60, 30' LT. To Sta. 44+40, 30' LT.
		368 FT	Sta. 39+60, 25' RT. To Sta. 43+28, 33' RT.
		73 FT	Sta. 43+67, 33' RT. To Sta. 44+40, 26' RT.
651-010A	Lawn Construction (Sodded)	154 SF	Sta. 39+60, 40' RT. To Sta. 39+90, 41' RT.
		160 SF	Sta. 40+18, 40' RT. To Sta. 40+50, 40' RT.
		164 SF	Sta. 40+57, 40' RT. To Sta. 40+90, 40' RT.

(Continued on Sheet 54 of 118)

- 2 ATC Handholes Will Be Adjusted To Proposed Grade By ATC Communications During Construction
- 8 Retain And Protect Fence
- 9 Retain And Protect Concrete HeadWall
- 3 Driveway Per Detail On Sheet 15

614-015A  
615-491A  
651-010A  
S915-05A

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. PALMER  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 19622\_PLAN\_04.dgn  
DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

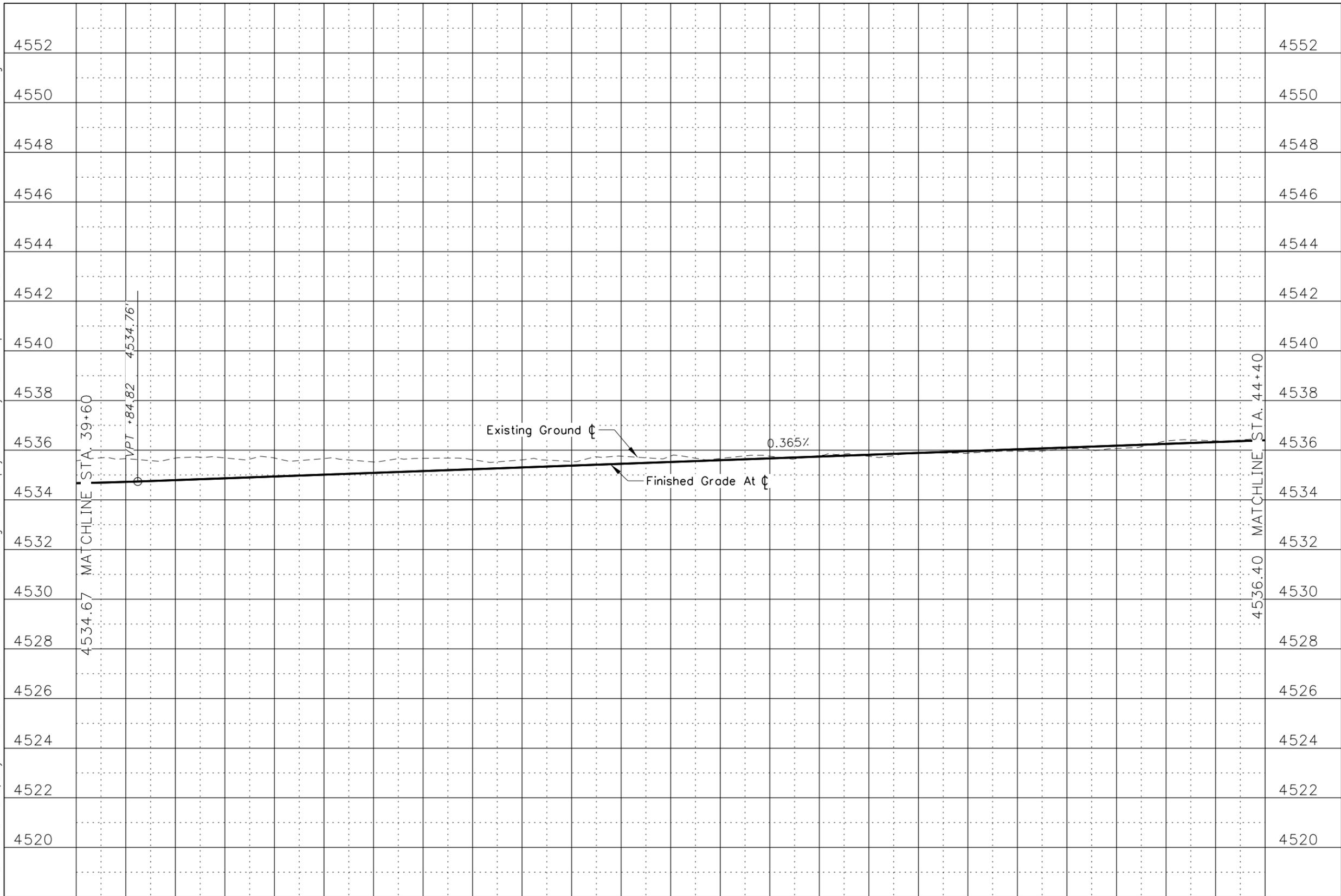
PROJECT NO. A019(622)

ROADWAY PLAN  
BANNOCK ST., MALAD CITY  
STA. 39+60 TO STA. 44+40

**English**  
COUNTY ONEIDA  
KEY NUMBER 19622  
SHEET 53 OF 118



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4552	4552	(Continued From Sheet 53 of 118)
4550	4550	(651-010A) Lawn Construction (Sodded)
4548	4548	101 SF Sta. 41+01, 40' RT. To Sta. 41+21, 40' RT.
4546	4546	77 SF Sta. 41+25, 41' RT. To Sta. 41+40, 40' RT.
4544	4544	20 SF Sta. 41+49, 40' RT. To Sta. 41+53, 40' RT.
4542	4542	77 SF Sta. 41+68, 40' RT. To Sta. 41+83, 40' RT.
4540	4540	142 SF Sta. 41+86, 41' RT. To Sta. 42+15, 40' RT.
4538	4538	724 SF Sta. 42+15, 30' RT. To Sta. 43+26, 30' RT.
4536	4536	278 SF Sta. 42+15, 40' RT. To Sta. 42+61, 42' RT.
4534	4534	432 SF Sta. 42+65, 42' RT. To Sta. 43+10, 45' RT.
4532	4532	(S601-05A) Remove and Reset Fence
4530	4530	46 FT Sta. 41+68, 39' RT. To Sta. 42+14, 39' RT.
4528	4528	(S901-05A) Remove and Reset Mailbox
4526	4526	1 EACH Sta. 40+04, 31' LT.
4524	4524	1 EACH Sta. 40+42, 27' RT.
4522	4522	1 EACH Sta. 41+21, 27' RT.
4520	4520	1 EACH Sta. 42+62, 26' RT.
		(S901-05B) Adjust Water Meter Base
		1 EACH Sta. 39+87, 31' RT.
		1 EACH Sta. 40+10, 35' RT.
		1 EACH Sta. 40+23, 29' RT.
		1 EACH Sta. 40+53, 33' LT.
		1 EACH Sta. 41+04, 28' RT.
		1 EACH Sta. 41+34, 32' LT.
		1 EACH Sta. 41+37, 28' RT.
		1 EACH Sta. 42+04, 32' RT.
		1 EACH Sta. 42+25, 32' LT.
		1 EACH Sta. 42+77, 31' RT.
		1 EACH Sta. 43+20, 30' RT.
		(S901-05E) Adjust Irrigation System
		1 EACH Sta. 42+79, 32' RT.
		(S915-05A) Landscape Gravel
		59 SF Sta. 39+60, 34' LT. To Sta. 39+69, 34' LT.
		193 SF Sta. 39+60, 30' RT. To Sta. 39+90, 30' RT.
		253 SF Sta. 39+85, 34' LT. To Sta. 40+23, 34' LT.
		440 SF Sta. 40+20, 30' RT. To Sta. 40+88, 30' RT.
		316 SF Sta. 40+37, 34' LT. To Sta. 40+86, 34' LT.
		237 SF Sta. 41+02, 30' RT. To Sta. 41+39, 30' RT.
		245 SF Sta. 41+16, 34' LT. To Sta. 41+54, 34' LT.
		288 SF Sta. 41+69, 30' RT. To Sta. 42+15, 30' RT.

40	41	42	43	44
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_PROF_04.dgn  DRAWING DATE: OCT 2022
DESIGN CHECKED K. HARRIS	
DETAILED M. PALMER	
DRAWING CHECKED A. BASS	

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN *Associates Inc.*



PROJECT NO.  A019(622)
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ROADWAY PROFILE BANNOCK ST., MALAD CITY STA. 39+60 TO STA. 44+40
--

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 54 OF 118

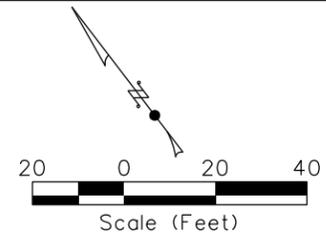


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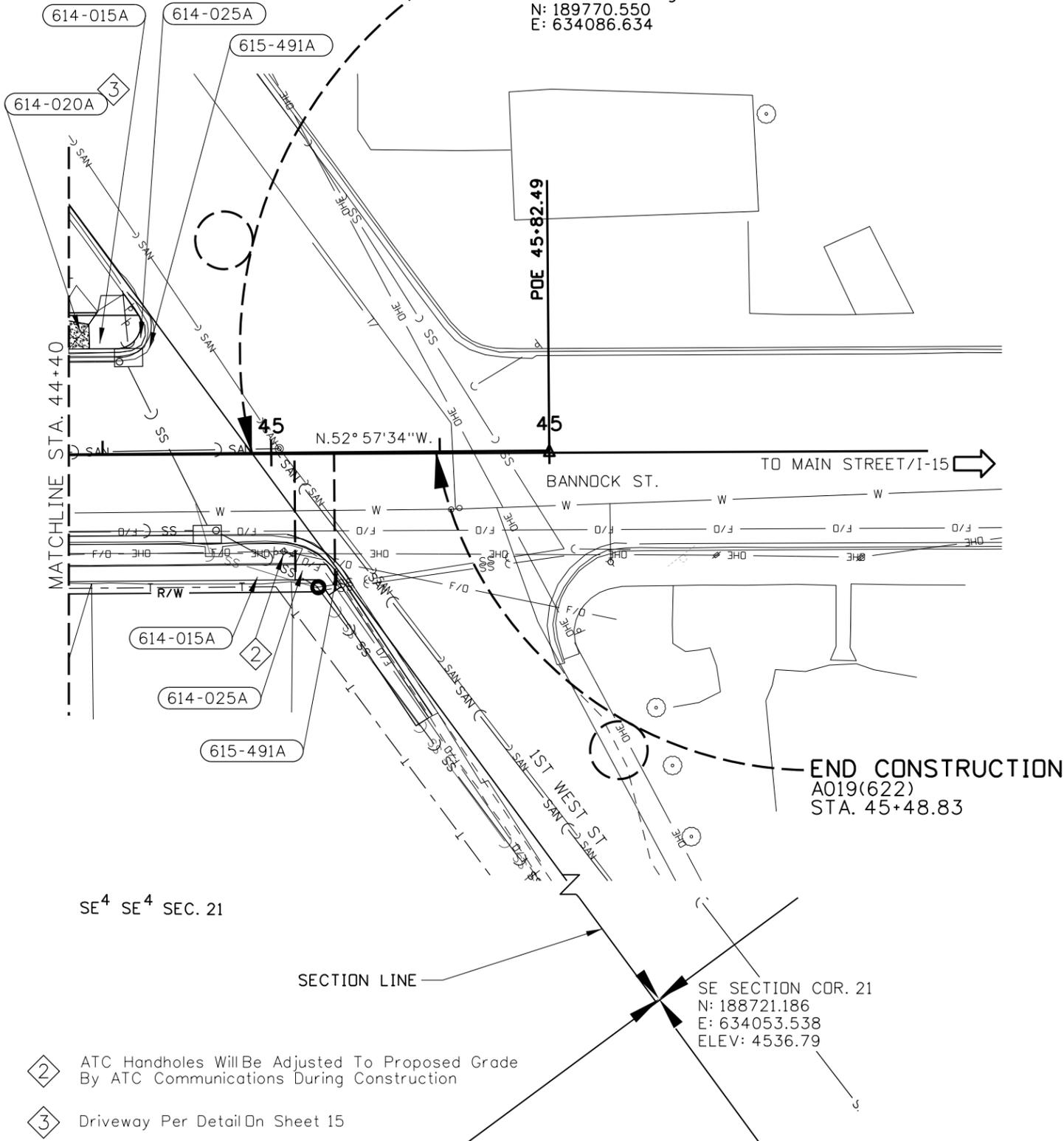
T.14S., R.36E., B.M.

**END PROJECT**

A019(622)  
 STA. 44+94.21  
 Match Existing Bannock Street SW<sup>4</sup> SW<sup>4</sup> SEC. 22  
 N: 189770.550  
 E: 634086.634



- 614-015A** Sidewalk
  - 34 SY Sta. 44+40, 35' RT. To Sta. 45+07, 35' RT.
  - 23 SY Sta. 45+19, 41' RT. To Sta. 45+44, 80' RT.
- 614-020A** Driveway
  - 53 SY Sta. 44+43, 39' LT., W-6'
- 614-025A** ADA Curb Ramps
  - 7 SY Sta. 45+07, 38' RT. To Sta. 45+21, 38' RT.
  - 22 SY Sta. 44+46, 37' LT. To Sta. 44+61, 38' LT.
- 615-491A** Curb & Gutter Ty 1
  - 11 SY Sta. 44+40, 30' LT. To Sta. 44+58, 39' LT.
  - 21 SY Sta. 44+40, 25' RT. To Sta. 45+20, 33' RT.



- 2 ATC Handholes Will Be Adjusted To Proposed Grade By ATC Communications During Construction
- 3 Driveway Per Detail On Sheet 15

SE SECTION CDR. 21  
 N: 188721.186  
 E: 634053.538  
 ELEV: 4536.79

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS
SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	
CADD FILE NAME	19622_PLAN_05.dgn
DRAWING DATE:	OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN *Associates Inc.*

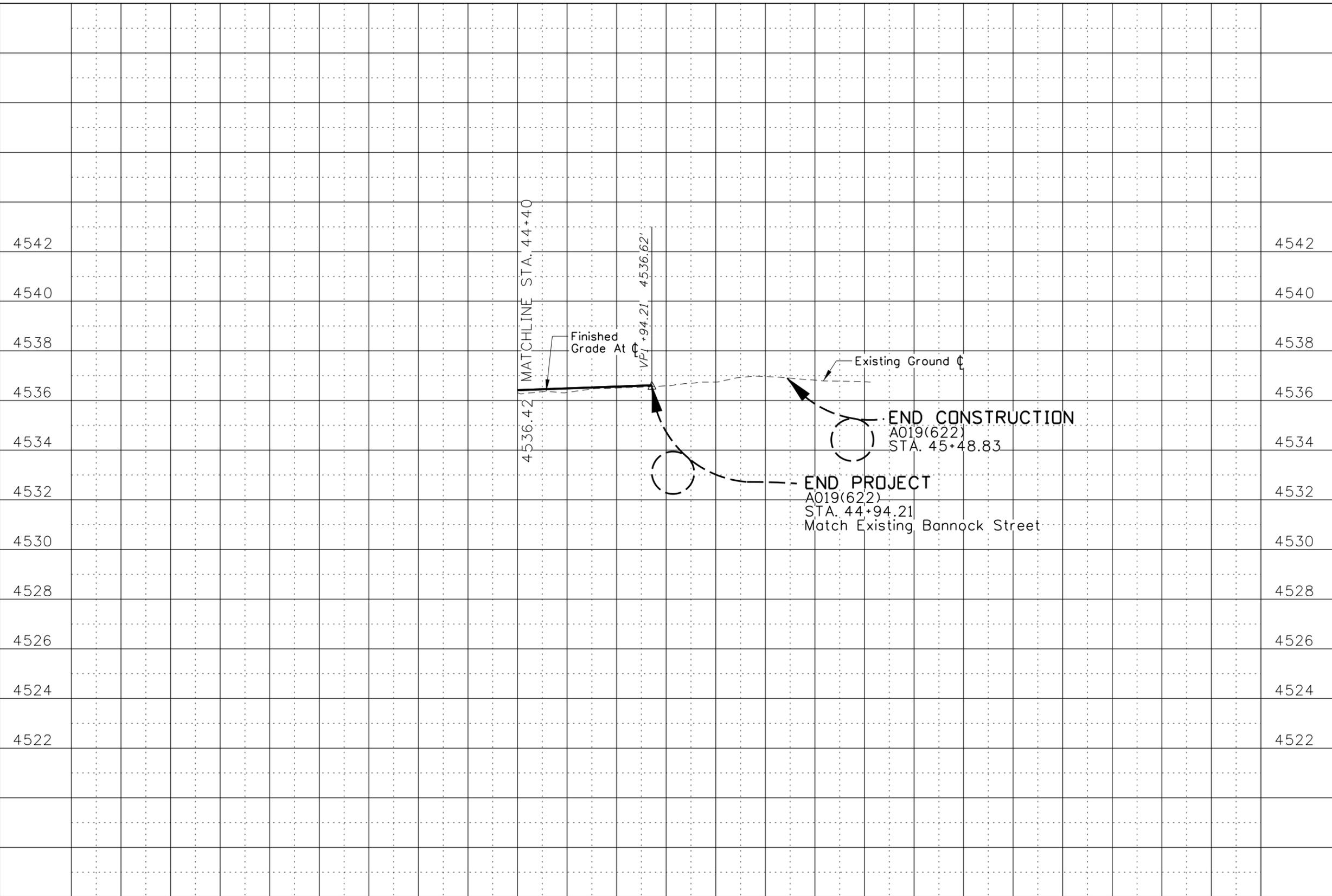
PROJECT NO.	A019(622)
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ROADWAY PLAN	BANNOCK ST., MALAD CITY STA. 44+40 TO STA. 45+48.83
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 55 OF 118



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45

46

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_PROF_05.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO  
TRANSPORTATION  
DEPARTMENT**

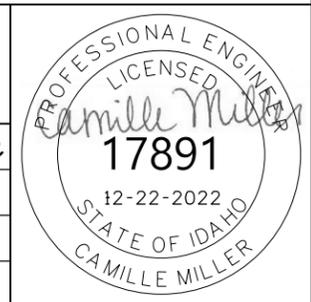


*FORSGREN Associates Inc.*

PROJECT NO.	A019(622)
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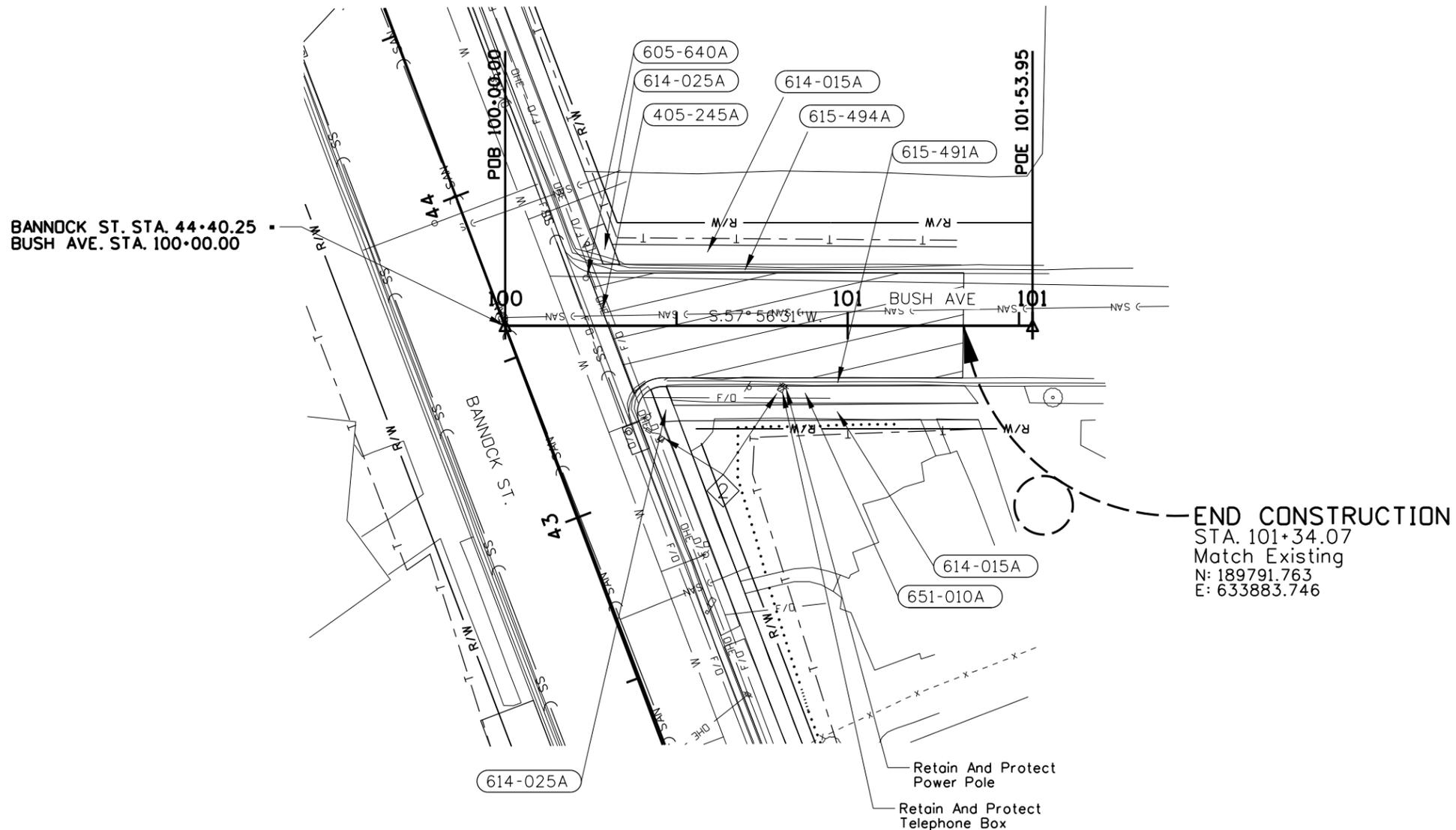
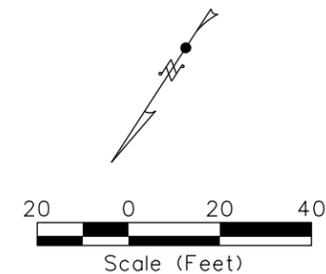
ROADWAY PROFILE	BANNOCK ST., MALAD CITY STA. 44+40 TO STA. 45+48.83
-----------------	--

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 56 OF 118



T.14S., R.36E., B.M.

SE<sup>4</sup> SE<sup>4</sup> SEC. 21



- (405-245A) Approach  
1 EACH Sta. 43+46 28' LT., W=38
- (605-640A) Adjust Valve Covers  
1 EACH Sta. 100+24, 14' LT.
- (614-015A) Sidewalk  
61 SY Sta. 100+33, 18' LT. To Sta. 101+34, 18' LT.  
26 SY Sta. 100+49, 23' RT. To Sta. 101+34, 22' RT.
- (614-025A) ADA Curb Ramps  
6 SY Sta. 100+29, 18' LT. To Sta. 100+33, 18' LT.  
5 SY Sta. 100+43, 19' RT. To Sta. 100+47, 18' RT.
- (615-491A) Curb & Gutter Ty 1  
21 SY Sta. 100+38, 15.25' RT. To Sta. 101+34, 15.25' RT.
- (615-494A) Curb & Gutter Ty 4  
25 SY Sta. 100+24, 15.25' LT. To Sta. 101+34, 15.25' LT.
- (651-010A) Lawn Construction (Sodded)  
360 SF Sta. 100+47, 17.75' RT. To Sta. 101+13, 17.75' RT.

BANNOCK ST. STA. 44+40.25  
BUSH AVE. STA. 100+00.00

END CONSTRUCTION  
STA. 101+34.07  
Match Existing  
N: 189791.763  
E: 633883.746

2 ATC Handholes Will Be Adjusted To Proposed Grade By ATC Communications During Construction

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. PALMER  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 19622\_PLAN\_06.dgn  
DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

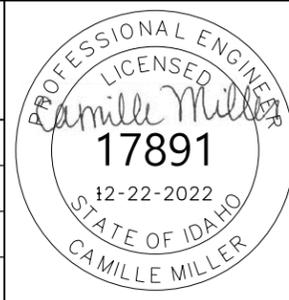


FORSGREN Associates Inc.

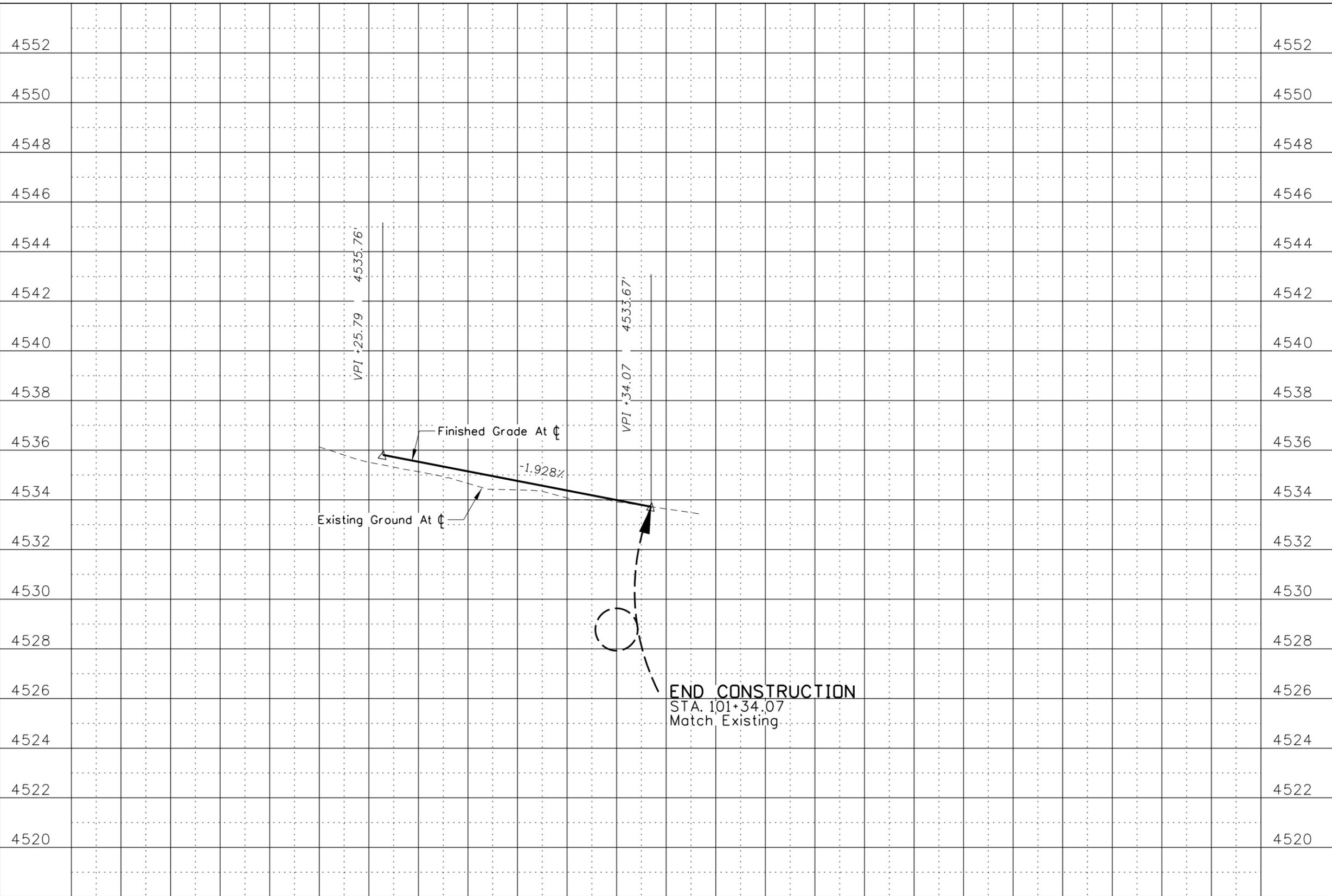
PROJECT NO.  
A019(622)

INTERSECTION PLAN  
BANNOCK ST., MALAD CITY  
STA. 100+00 TO STA. 101+34.07  
BUSH AVE.

**English**  
COUNTY ONEIDA  
KEY NUMBER 19622  
SHEET 57 OF 118



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4552	4552
4550	4550
4548	4548
4546	4546
4544	4544
4542	4542
4540	4540
4538	4538
4536	4536
4534	4534
4532	4532
4530	4530
4528	4528
4526	4526
4524	4524
4522	4522
4520	4520

100 101 102

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_PROF_06.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO  
TRANSPORTATION  
DEPARTMENT**

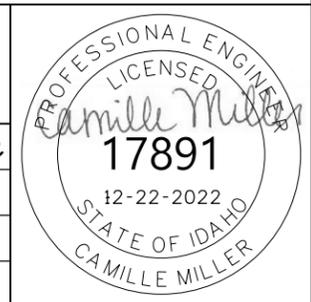


*FORSGREN Associates Inc.*

PROJECT NO.	A019(622)
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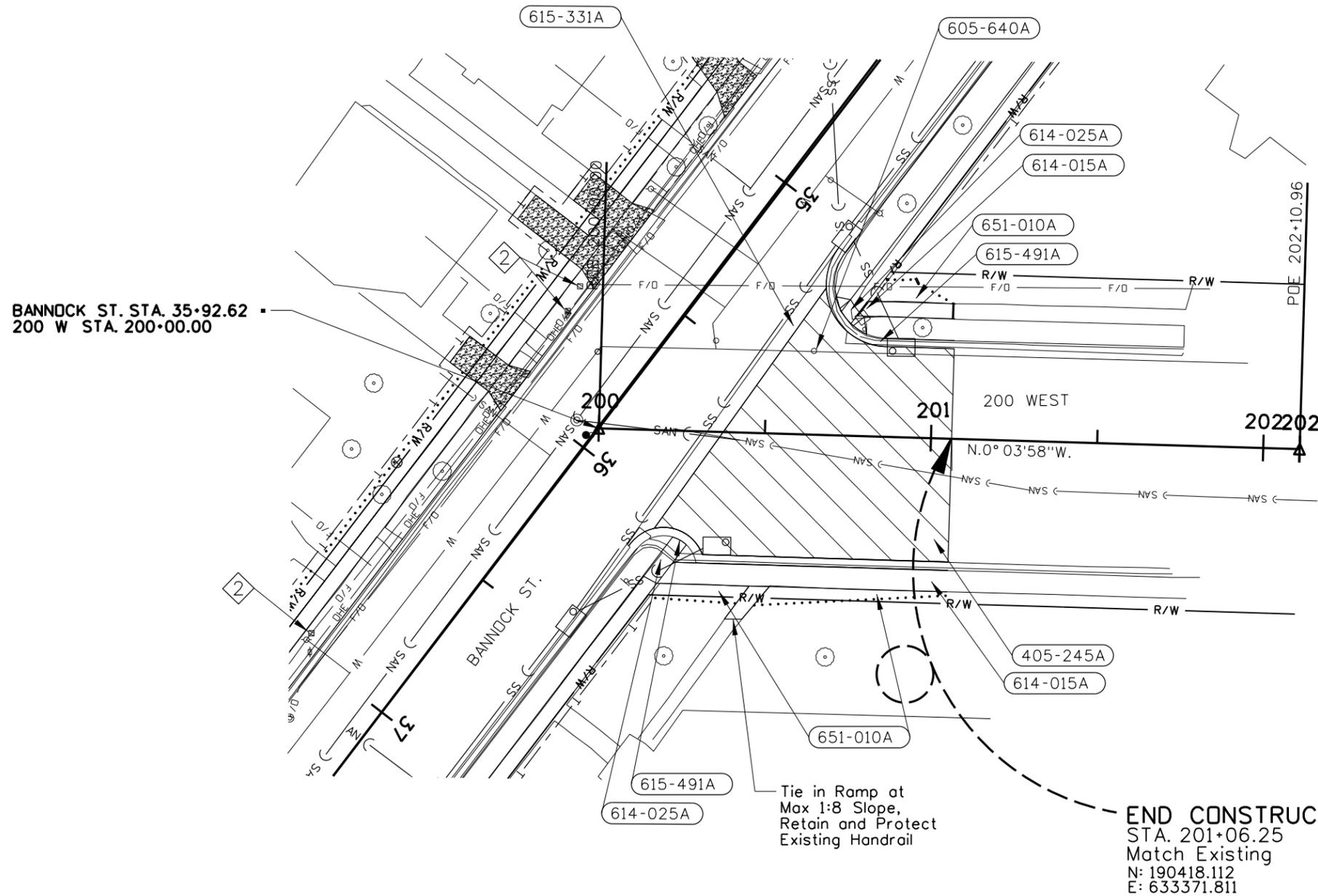
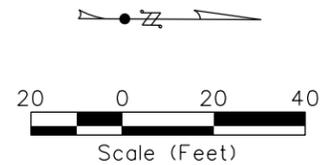
INTERSECTION PROFILE	BANNOCK ST., MALAD CITY STA. 100+00 TO STA. 101+34.07 BUSH AVE.
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 58 OF 118



T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



- (405-245A) Approach  
1 EACH Sta. 200+38, W=107
- (605-640A) Adjust Valve Covers  
1 EACH Sta. 200+68, 24' LT.
- (614-015A) Sidewalk  
44 SY Sta. 200+25.0, 37.6' RT. To Sta. 201+06.25, 37.5' RT.  
9 SY Sta. 200+81.9, 38.5' LT. To Sta. 201+06.25, 38.7' LT.
- (614-025A) ADA Curb Ramps  
13 SY Sta. 200+71, 38' LT. To Sta. 200+76, 33' Rt.  
13 SY Sta. 200+23, 32' Rt. To Sta. 200+27, 34' Rt
- (615-331A) Curb & Gutter Type 1 Valley Gutter)  
125 FT Sta. 200+74, 73' LT. To Sta. 200+13, 52' RT.
- (615-491A) Curb & Gutter Ty 1  
30 SY Sta. 200+10, 40' RT. To Sta. 201+06, 34' RT.  
10 SY Sta. 200+72, 47' LT. To Sta. 201+06, 30' LT.
- (651-010A) Lawn Construction (Sodded)  
134 SF Sta. 200+17, 48' RT. To Sta. 200+45, 49' RT.  
189 SF Sta. 200+50, 49' RT. To Sta. 201+06, 47' RT.  
115 SF Sta. 200+82, 44' LT. To Sta. 201+06, 41' LT.

2 ATC Handholes Will Be Adjusted To Proposed Grade By ATC Communications During Construction

**END CONSTRUCTION**  
STA. 201+06.25  
Match Existing  
N: 190418.112  
E: 633371.811

1/28/2025 F:\Rexburg\01\01-19-0117 Bannock St. Phase I Design\9 CAD\pr\19622\Project\_Development\Plan\_Sheets\ROADWAY\19622\_PLAN\_07.dgn

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. PALMER  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 19622\_PLAN\_07.dgn  
DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

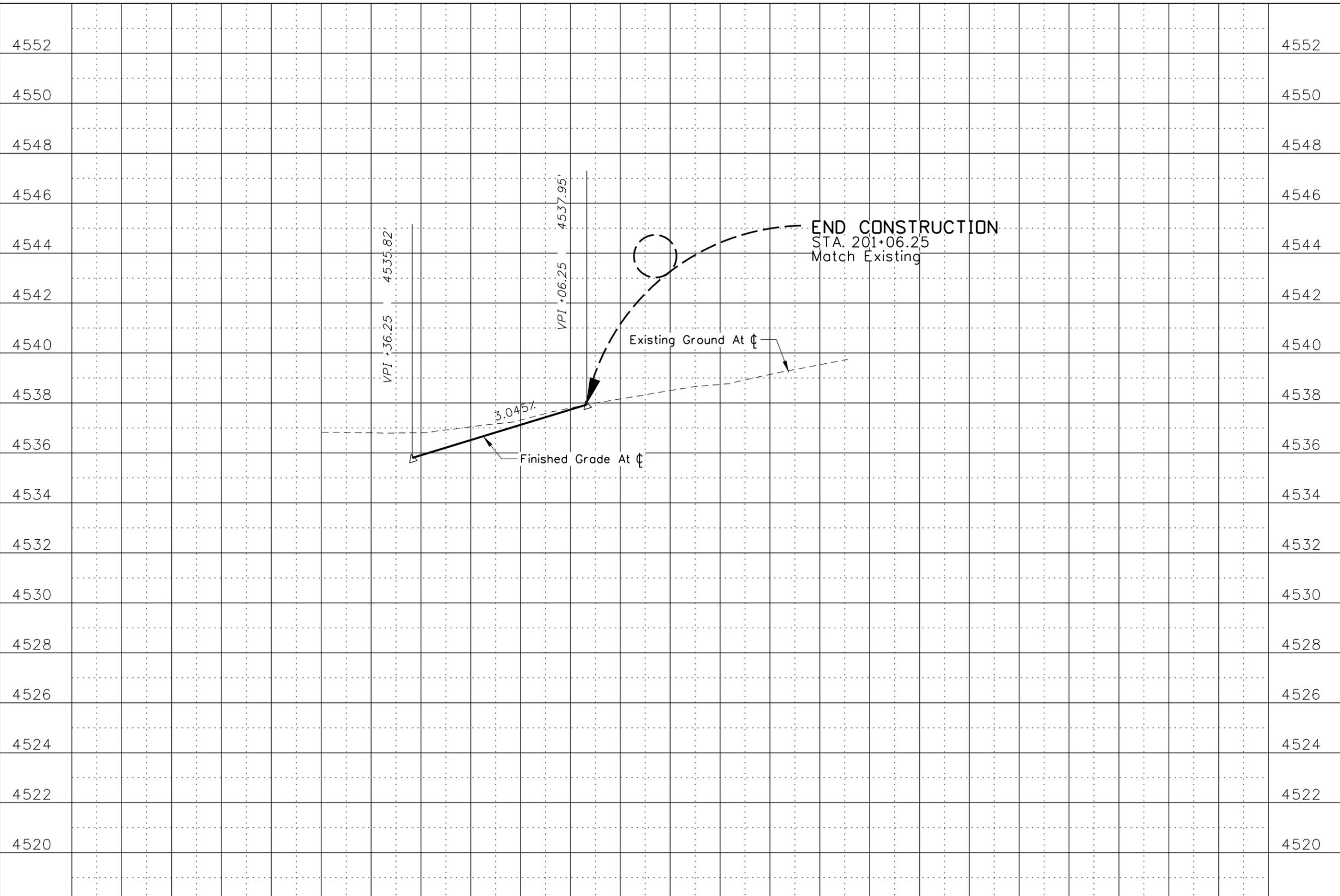
FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

INTERSECTION PLAN  
BANNOCK ST., MALAD CITY  
STA. 200+00 TO STA. 201+06.25  
200 WEST

**English**  
COUNTY ONEIDA  
KEY NUMBER 19622  
SHEET 59 OF 118

1/28/2025 F:\Rexburg\OldFileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\ROADWAY\19622\_PROF\_07.dgn



200

201

202

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_PROF\_07.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

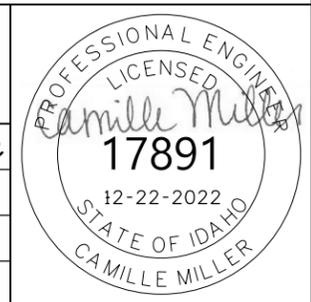


FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

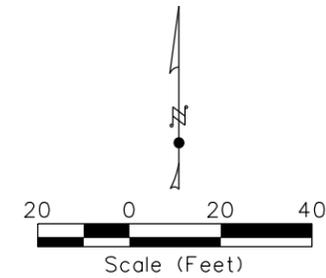
INTERSECTION PROFILE  
 BANNOCK ST., MALAD CITY  
 STA. 200+00 TO STA. 201+06.25  
 200 WEST

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 60 OF 118

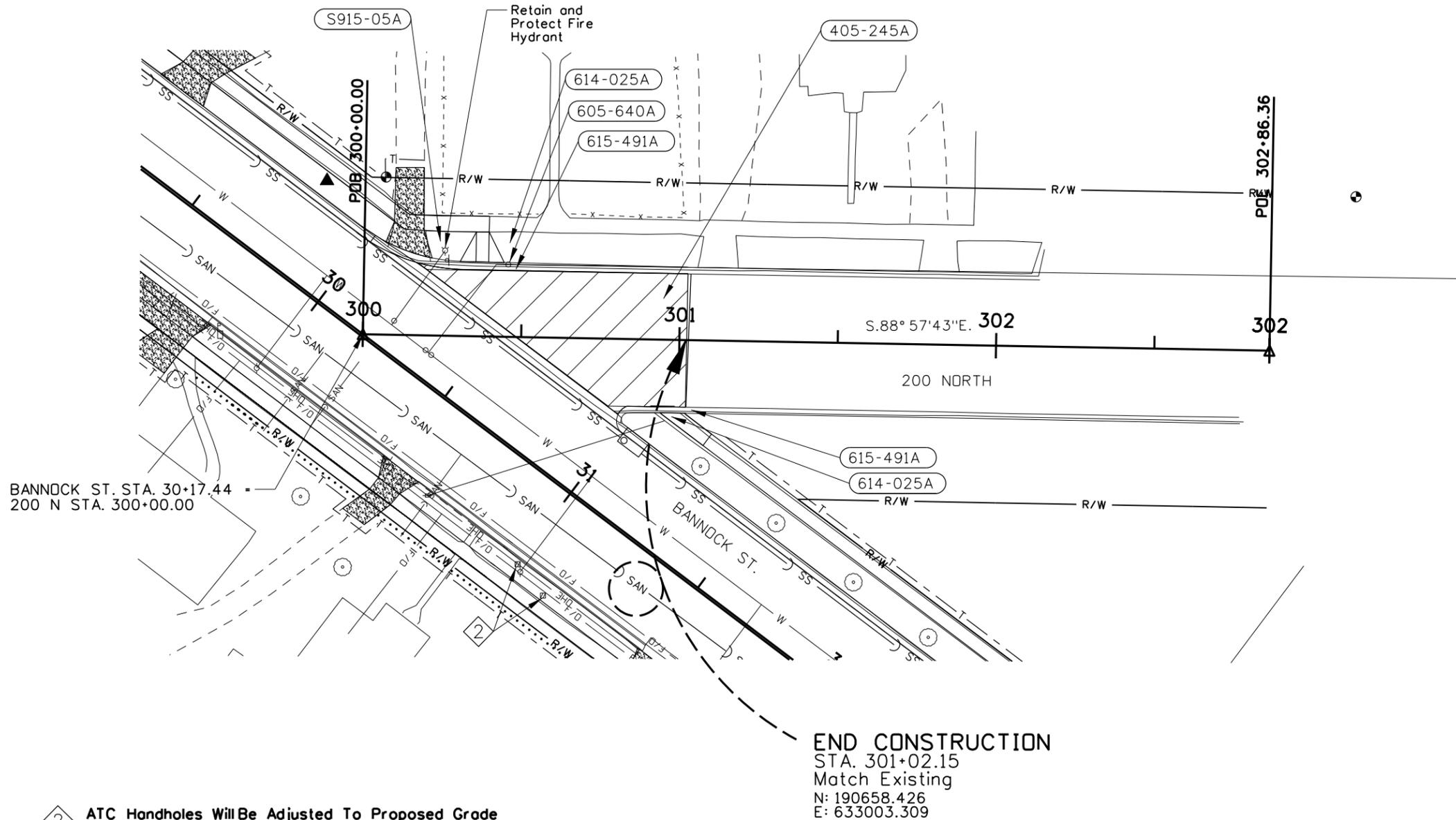


T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



- (405-245A) Approach  
1 EACH Sta. 300+49, W=80
- (605-640A) Adjust Valve Covers  
1 EACH Sta. 300+46, 23' LT.
- (614-025A) ADA Curb Ramps  
9 SY Sta. 300+30, 23' LT. To  
Sta. 300+44, 23' LT.  
7 SY Sta. 300+95, 23' RT. To  
Sta. 301+02, 23' RT.
- (615-491A) Curb & Gutter Ty 1  
27 LF Sta. 300+17, 23' LT. To  
Sta. 301+02, 22' LT.  
21 LF Sta. 300+81, 25' RT. To  
Sta. 301+03, 23' RT.
- (S915-05A) Landscape Gravel  
13 SY Sta. 300+21, 23.3' LT. To  
Sta. 300+30, 23.3' LT.



2 ATC Handholes Will Be Adjusted To Proposed Grade By ATC Communications During Construction

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_PLAN_08.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

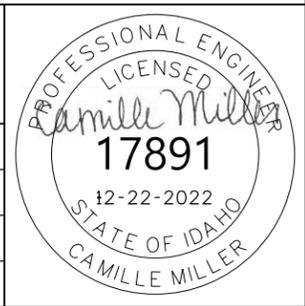
**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

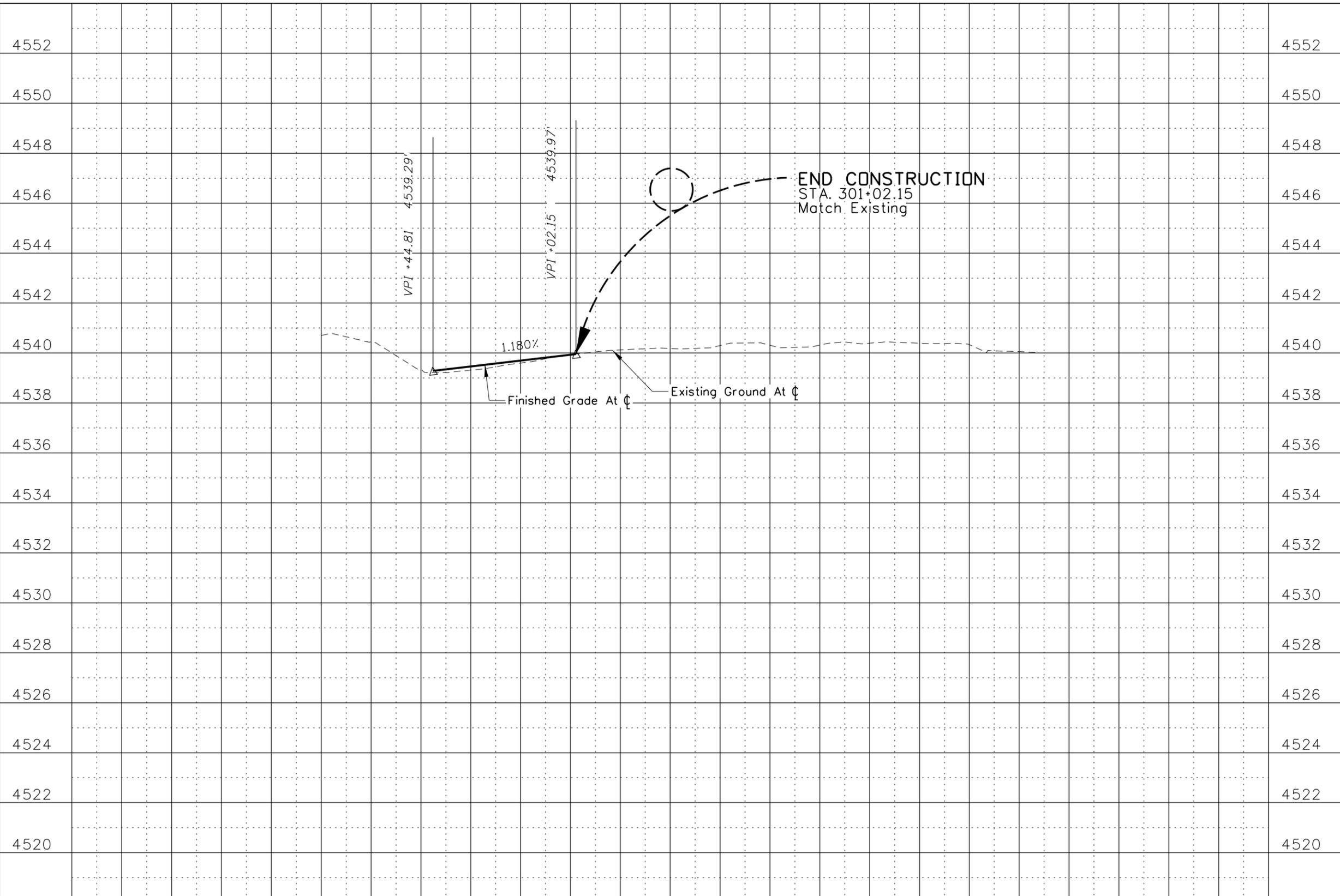
PROJECT NO.	A019(622)
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INTERSECTION PLAN	BANNOCK ST., MALAD CITY STA. 300+00 TO STA. 301+02.15 200 NORTH
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 61 OF 118



1/28/2025 F:\Rexburg\OldfileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\ROADWAY\19622\_PROF\_08.dgn



300

301

302

303

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_PROF\_08.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

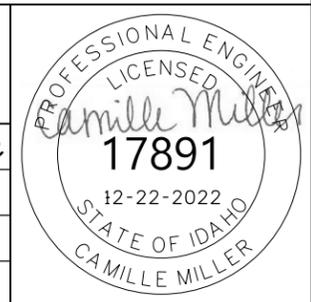


FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

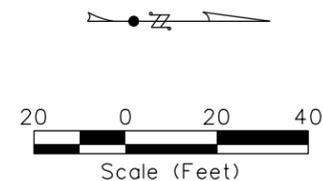
INTERSECTION PROFILE  
 BANNOCK ST., MALAD CITY  
 STA. 300+00 TO STA. 301+02.15  
 200 NORTH

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 62 OF 118

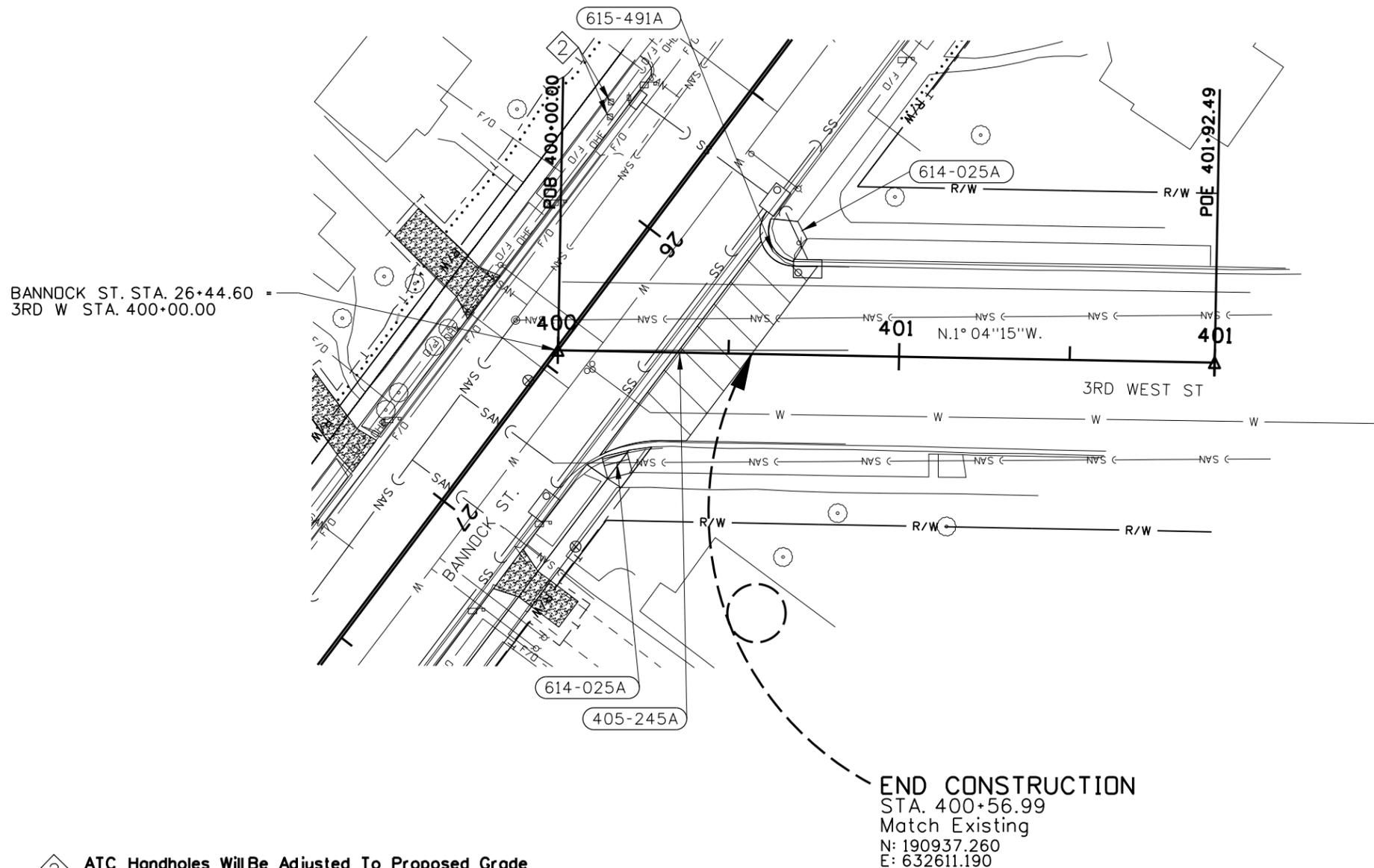


T.14S., R.36E., B.M.

NW<sup>4</sup> SE<sup>4</sup> SEC. 21



- 405-245A** Approach  
1 EACH Sta. 400+36, W=52'
- 614-025A** ADA Curb Ramps  
11 SY Sta. 400+09, 33' RT. To  
Sta. 400+28, 28' RT.  
11 SY Sta. 400+62, 40' LT. To  
Sta. 400+68, 27' LT.
- 615-491A** Curb & Gutter Ty 1  
6 SY Sta. 400+60, 34' Lt. To  
Sta. 400+85, 26' Lt.



**2** ATC Handholes Will Be Adjusted To Proposed Grade  
By ATC Communications During Construction

1/28/2025 F:\Rexburg\01\fileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\ROADWAY\19622\_PLAN\_09.dgn

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_PLAN\_09.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

INTERSECTION PLAN  
 BANNOCK ST., MALAD CITY  
 STA. 400+00 TO STA. 400+56.99  
 300 WEST

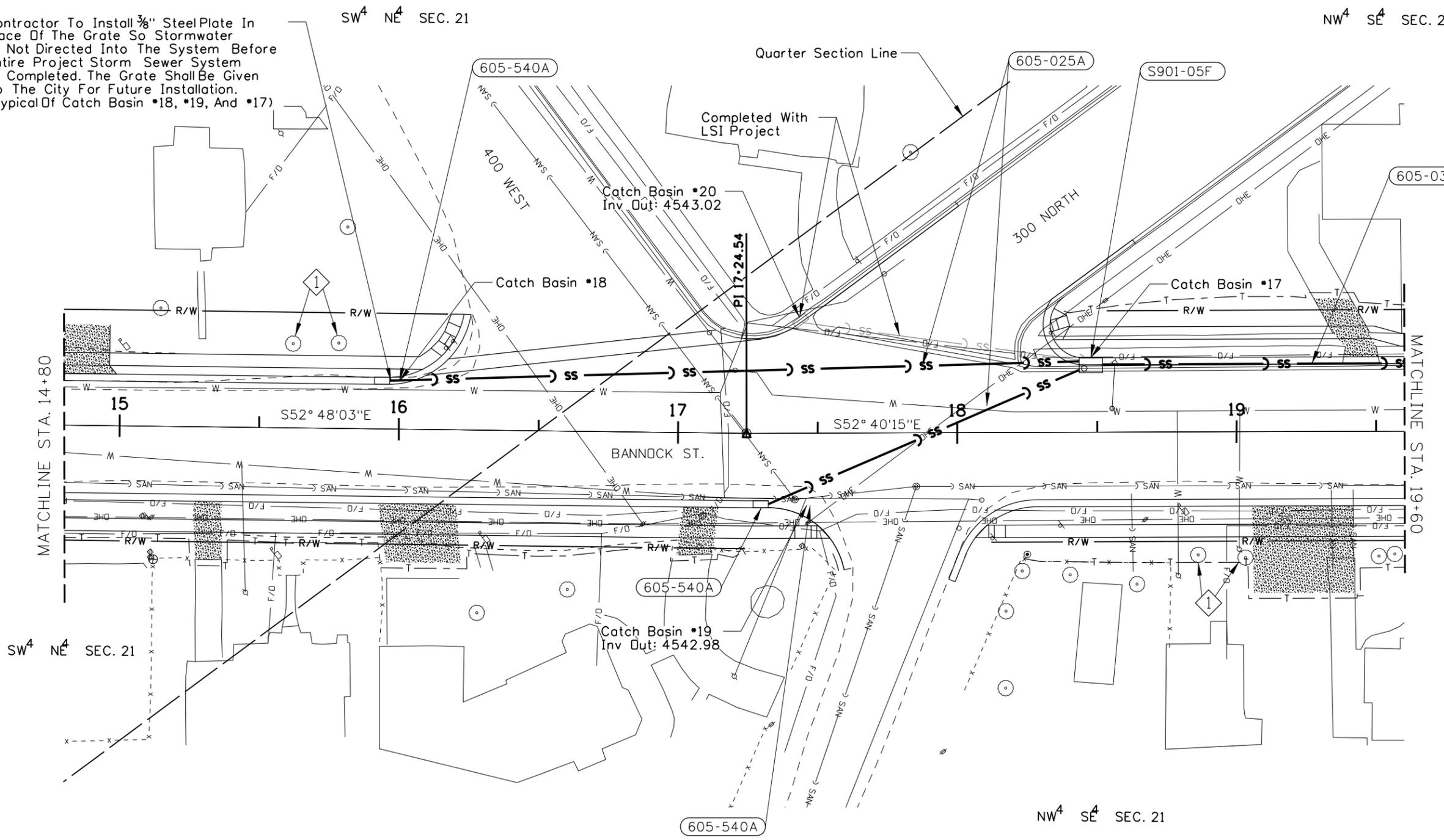
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 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 63 OF 118





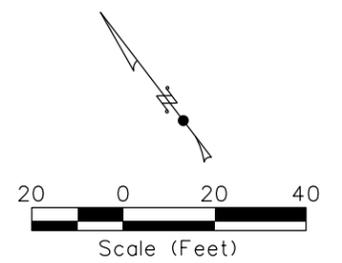
T.14S., R.36E., B.M.

Contractor To Install 3/8" Steel Plate In Place Of The Grate So Stormwater Is Not Directed Into The System Before Entire Project Storm Sewer System Is Completed. The Grate Shall Be Given To The City For Future Installation. (Typical Of Catch Basin #18, #19, And #17)



605-025A	12" Storm Sewer Pipe	249 FT	Sta. 15+97, 17' LT. to Sta. 18+45, 25' LT.
605-035A	18" Storm Sewer Pipe	126 FT	Sta. 17+32, 25' RT. to Sta. 18+48, 25' LT.
605-540A	Catch Basin Ty 6	1 EACH	Sta. 15+94, 16' LT.
		1 EACH	Sta. 17+30, 24' RT.
S901-05F	Combo Inlet Box	1 EACH	Sta. 18+48, 24' LT.

Note: Catch Basin Numbering Is Based On Downstream Catch Basins Associated With The KN 19622 Project.



① Retain And Protect Tree Unless Stated Otherwise

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. SOUTHWICK	CADD FILE NAME 23901_SS_PLAN_01.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**



**FORSGREN Associates Inc.**

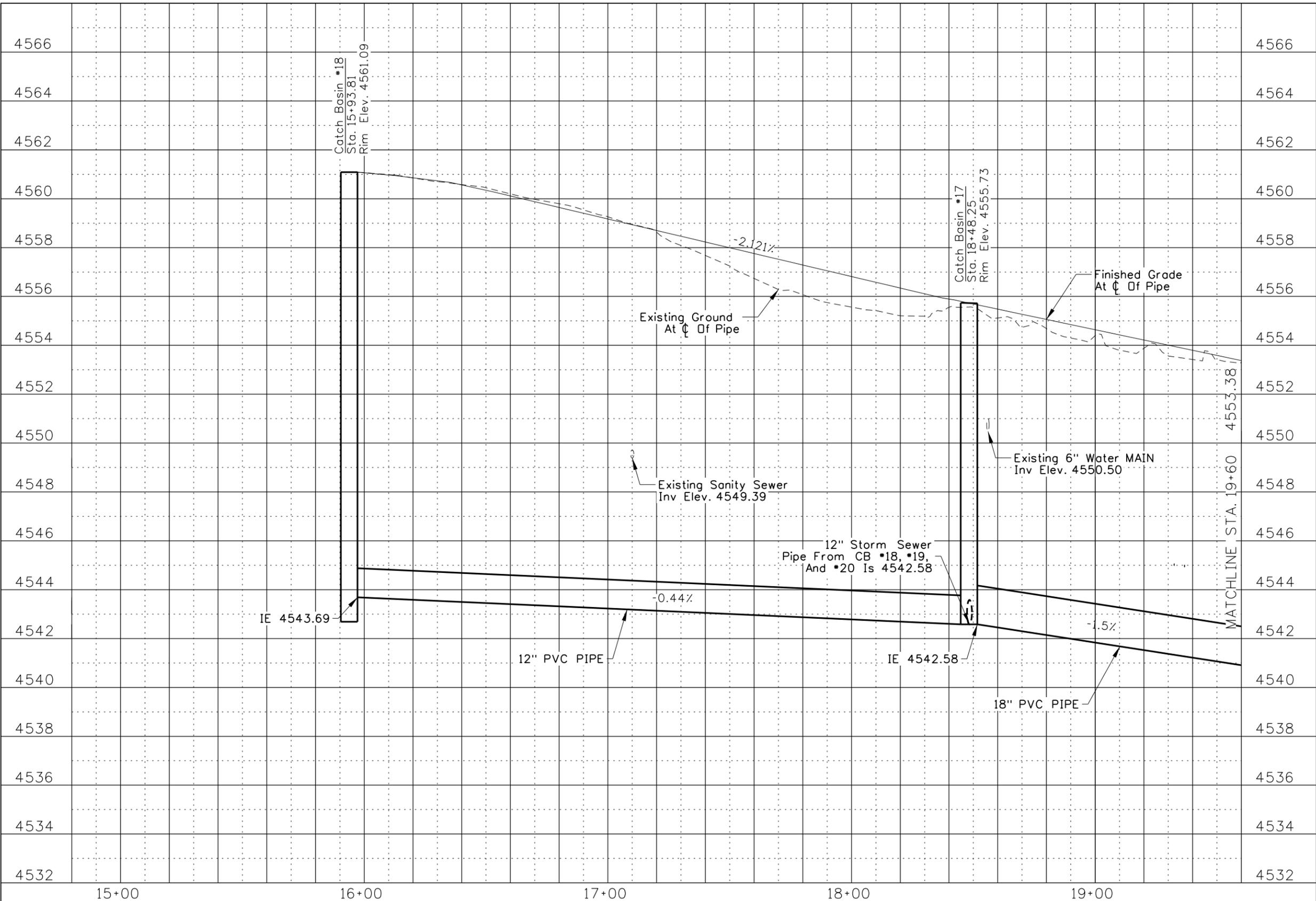
PROJECT NO.	A023(901)
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STORM SEWER PLAN	BANNOCK ST., SIDEWALKS TAP GRANT
	STA. 14+80 TO STA. 19+60

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 23901
SHEET 65 OF 118

1/28/2025 F:\Rexburg\01ofFilesStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_SS\_PLAN\_01.dgn

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Note:  
 Contractor Will Retain And Protect Existing Utilities. Existing Utility Depths Shown In Profile Are Approximate. It Is The Contractor's Responsibility To Verify Locations And Elevations During Construction. Repair Of Any Damaged Utility Lines Are Contractor Responsibility.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. SOUTHWICK  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 23901\_SS\_PROFILE\_01.dgn  
 DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.



PROJECT NO.  
 A023(901)

STORM SEWER PROFILE  
 BANNOCK ST., SIDEWALKS TAP GRANT  
 STA. 14+80 TO STA. 19+60

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 23901  
 SHEET 66 OF 118

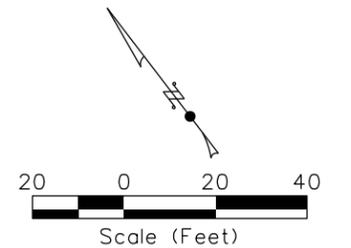
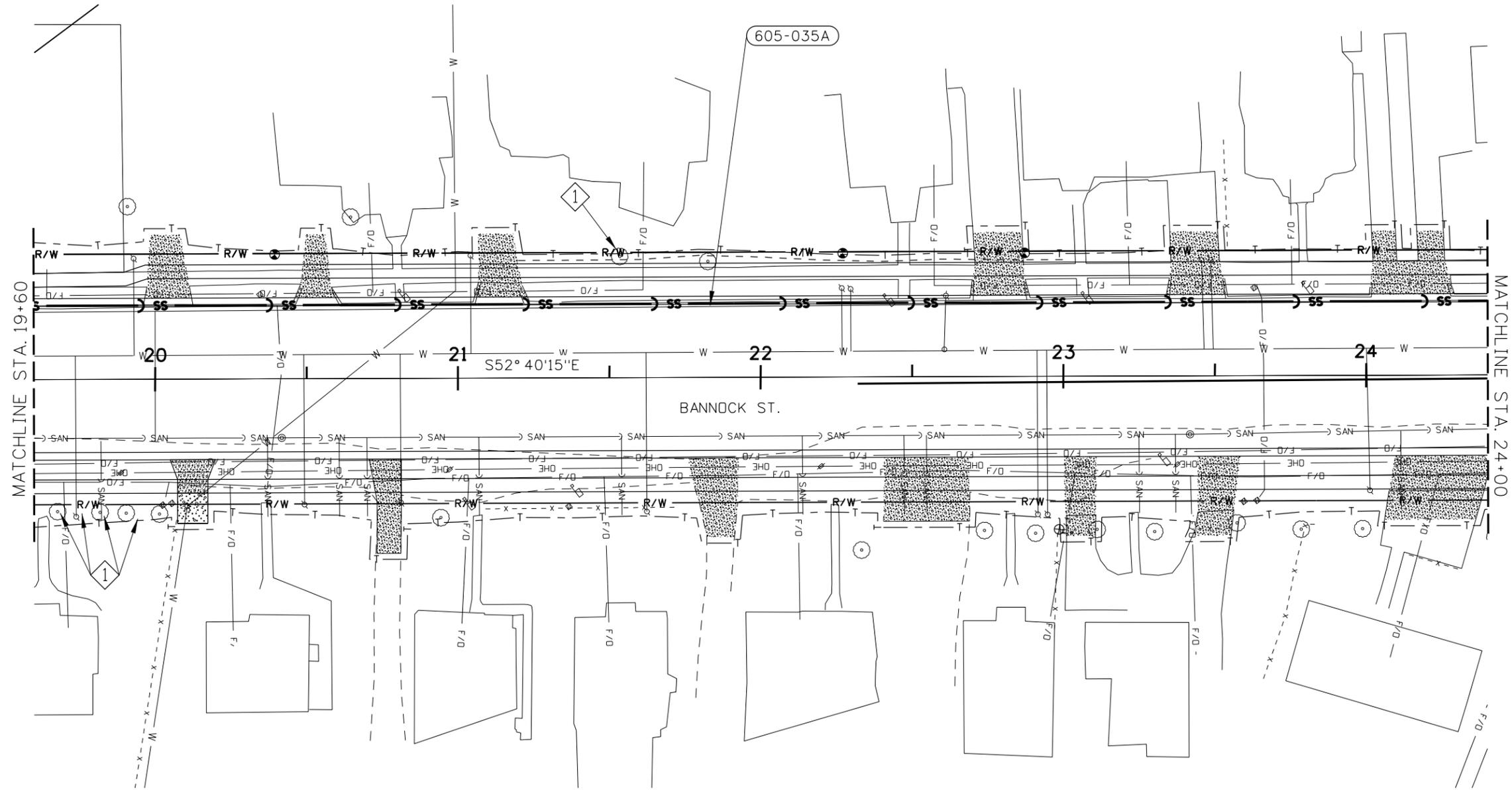


T.14S., R.36E., B.M.

NW<sup>4</sup> SE<sup>4</sup> SEC. 21

605-035A 18" Storm Sewer Pipe

485 FT Sta. 19+60, 24' LT. to Sta. 24+00, 24' LT.



① Retain And Protect Tree Unless Stated Otherwise

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. SOUTHWICK  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 23901\_SS\_PLAN\_02.dgn  
 DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**



**FORSGREN Associates Inc.**

PROJECT NO.  
 A023(901)

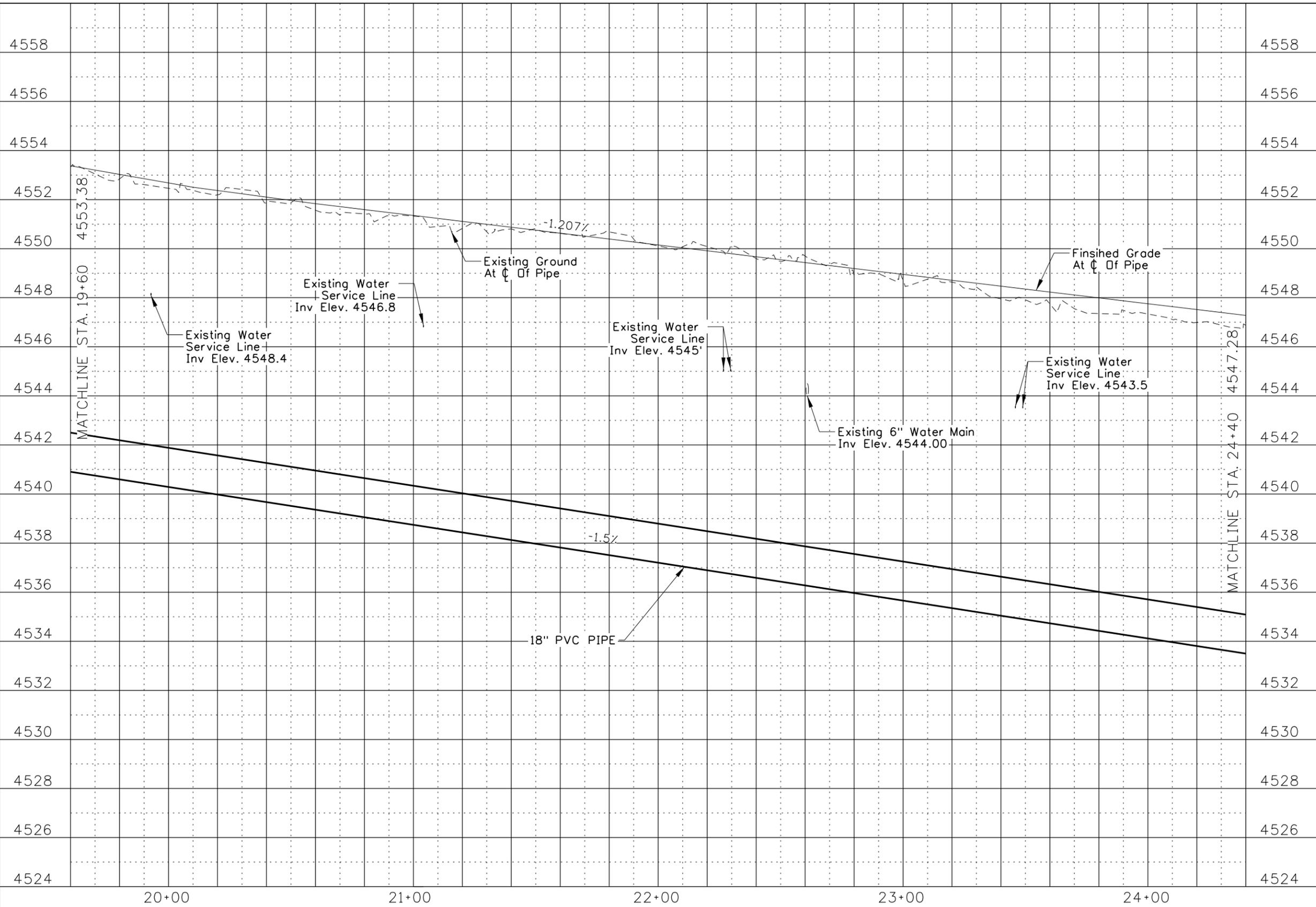
STORM SEWER PLAN  
 BANNOCK ST., SIDEWALKS  
 TAP GRANT  
 STA. 19+60 TO STA. 24+40

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 23901  
 SHEET 67 OF 118

PROFESSIONAL ENGINEER  
 LICENSED  
 Camille Miller  
 17891  
 02-06-2024  
 STATE OF IDAHO  
 CAMILLE MILLER

1/28/2025 F:\Rexburg\01\files\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_SS\_PLAN\_02.dgn

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Note:  
 Contractor Will Retain And Protect Existing Utilities. Existing Utility Depths Shown In Profile Are Approximate. It Is The Contractor's Responsibility To Verify Locations And Elevations During Construction. Repair Of Any Damaged Utility Lines Are Contractor Responsibility.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. SOUTHWICK	CADD FILE NAME 23901_SS_PROFILE_02.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.



PROJECT NO.  
A023(901)

STORM SEWER PROFILE  
 BANNOCK ST., SIDEWALKS TAP GRANT  
 STA. 19+60 TO STA. 24+40

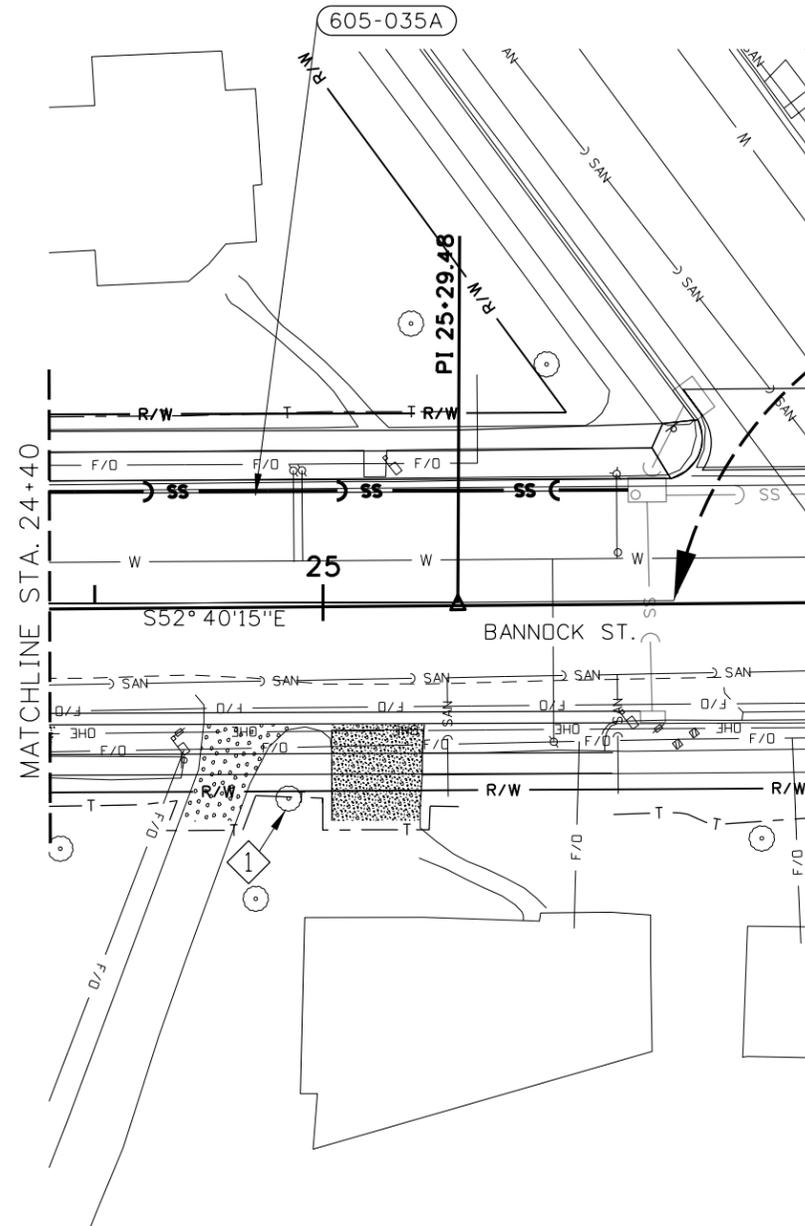
**English**  
 COUNTY ONEIDA  
 KEY NUMBER 23901  
 SHEET 68 OF 118



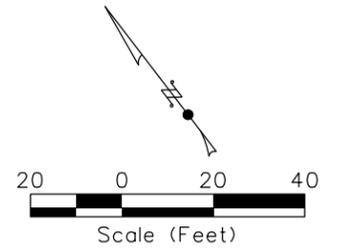
T.14S., R.36E., B.M.

NW<sup>4</sup> SE<sup>4</sup> SEC. 21

605-035A 18" Storm Sewer Pipe  
129 FT Sta. 24+40, 23' LT. to  
Sta. 25+29, 24' LT.



END PROJECT  
END CONSTRUCTION  
A023(901)  
STA. 25+75  
Match Existing Bannock Street  
N: 632555.0419  
E: 190926.3808



1 Retain And Protect Tree Unless Stated Otherwise

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. SOUTHWICK  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 23901\_SS\_PLAN\_03.dgn  
DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  
A023(901)

STORM SEWER PLAN  
BANNOCK ST., SIDEWALKS  
TAP GRANT  
STA. 24+00 TO STA. 26+00

**English**  
COUNTY ONEIDA  
KEY NUMBER 23901  
SHEET 69 OF 118

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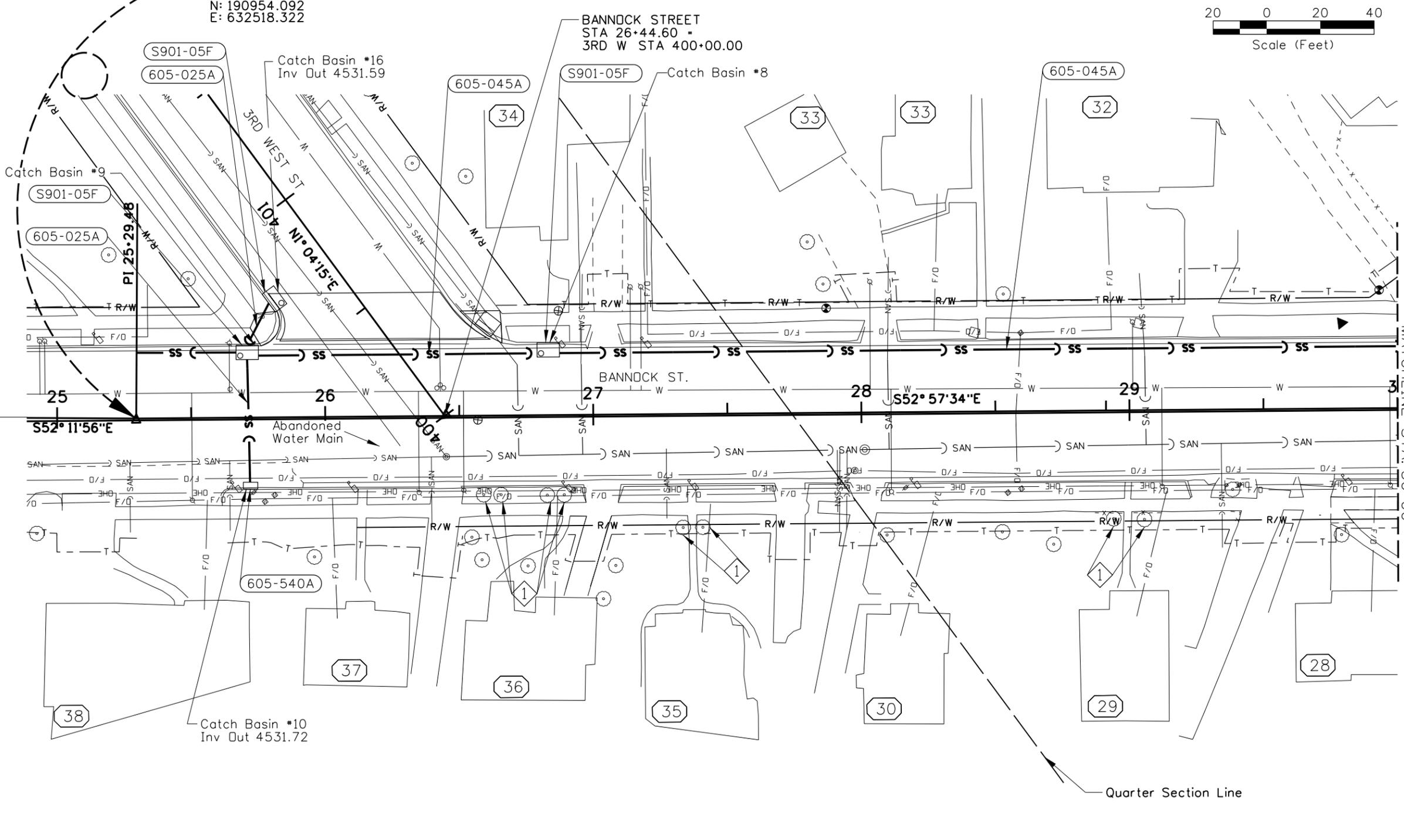
T.14S., R.36E., B.M.

**BEGIN PROJECT  
BEGIN CONSTRUCTION**

A019(622)  
STA. 25+29.48  
Match Proposed Bannock Street  
N: 190954.092  
E: 632518.322

NE 4 SE 4 SEC. 21

NW 4 SE 4 SEC. 21



- 605-025A 12" Storm Sewer Pipe  
46 FT Sta. 25+71, 22' LT. to Sta. 25+72, 24' RT.  
18 FT Sta. 400+65.03, 44' LT. To Sta. 400+72.67, 28' LT.
- 605-045A 24" Storm Sewer Pipe  
104 FT Sta. 25+75, 23' LT. to Sta. 26+79, 23' LT.  
313 FT Sta. 26+88, 23' LT. to Sta. 30+00, 23' LT.
- 605-540A Catch Basin Ty 6  
1 EACH Sta. 25+72, 27' RT.
- S901-05F Combo Inlet Box  
1 EACH Sta. 25+71, 29' LT.  
1 EACH Sta. 26+83, 27' LT.  
1 EACH Sta. 400+73, 25' LT.

1 Retain And Protect Tree

F:\Rexburg\01\files\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SS\_PLAN\_01.dwg

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_SS_PLAN_01.dgn  DRAWING DATE: OCT 2022
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	

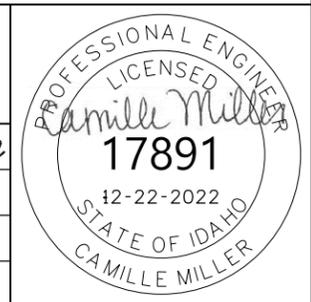
**IDAHO  
TRANSPORTATION  
DEPARTMENT**

FORSGREN Associates Inc.

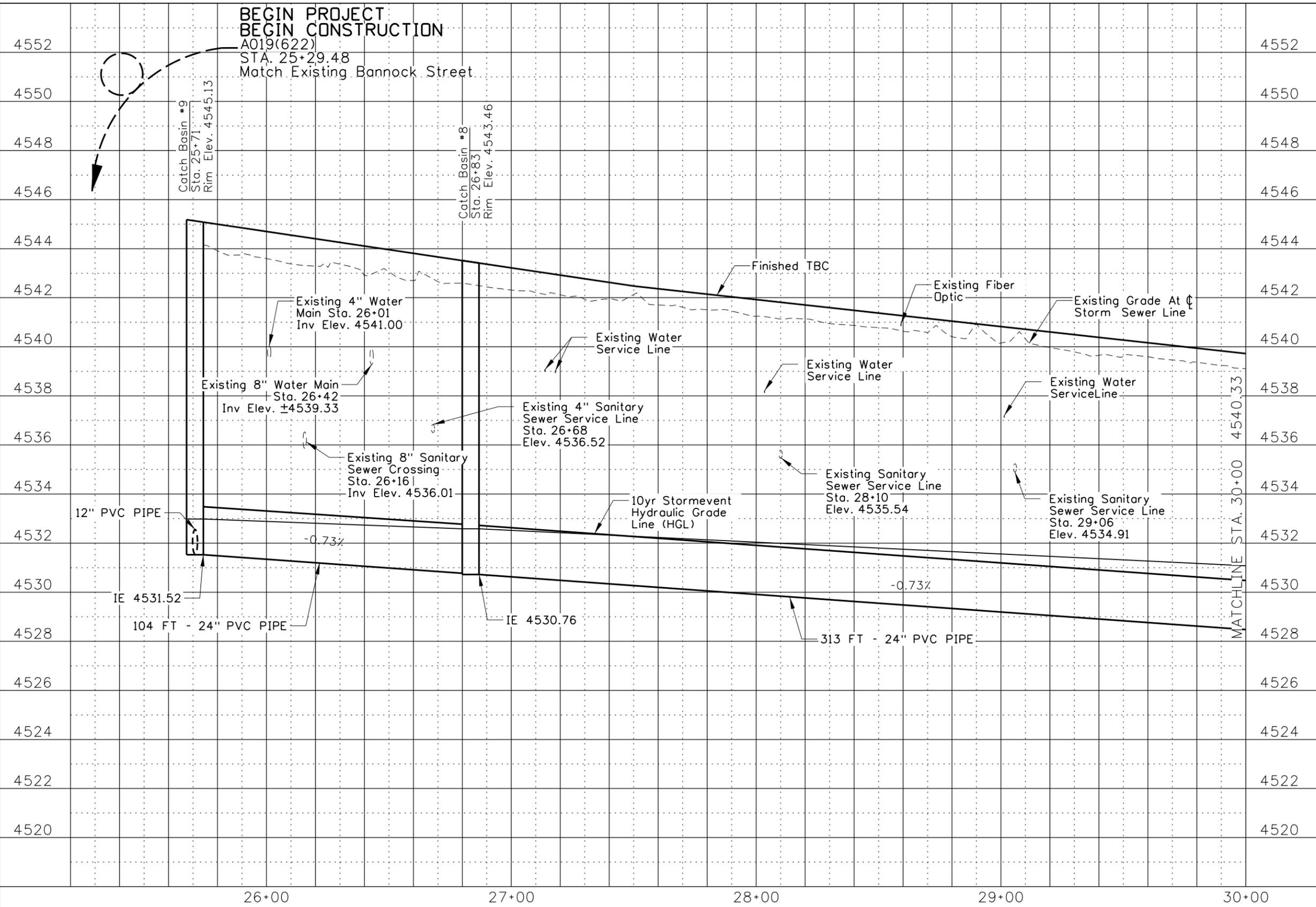
PROJECT NO.	A019(622)
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STORM SEWER PLAN	BANNOCK ST., MALAD CITY STA. 25+29.48 TO STA. 30+00
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 71 OF 118



1/28/2025 F:\Rexburg\OldfileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\proj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SS\_PROFILE



**BEGIN PROJECT  
BEGIN CONSTRUCTION**  
A019(622)  
STA. 25+29.48  
Match Existing Bannock Street

Catch Basin #9  
Sta. 25+71  
Rim Elev. 4545.13

Catch Basin #8  
Sta. 26+83  
Rim Elev. 4543.46

Existing 4" Water Main  
Sta. 26+01  
Inv Elev. 4541.00

Existing 8" Water Main  
Sta. 26+42  
Inv Elev. ±4539.33

Existing 8" Sanitary Sewer Crossing  
Sta. 26+16  
Inv Elev. 4536.01

Existing 4" Sanitary Sewer Service Line  
Sta. 26+68  
Elev. 4536.52

Existing Water Service Line

Existing Sanitary Sewer Service Line  
Sta. 28+10  
Elev. 4535.54

Existing Grade At Center Storm Sewer Line

Existing Water Service Line

Existing Sanitary Sewer Service Line  
Sta. 29+06  
Elev. 4534.91

12" PVC PIPE

-0.73%

IE 4531.52

104 FT - 24" PVC PIPE

IE 4530.76

10yr Stormevent Hydraulic Grade Line (HGL)

-0.73%

313 FT - 24" PVC PIPE

MATCHLINE STA. 30+00 4540.33

Note:  
Existing Utility Depths Shown In Profile Are Approximate. It Is The Contractor's Responsibility To Verify Locations And Elevations During Construction. Repair Of Any Damaged Utility Lines Are Contractor Responsibility.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. PALMER  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 19622\_SS\_PROFILE\_01.dgn  
DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

STORM SEWER PROFILE  
BANNOCK ST., MALAD CITY  
STA. 25+29.48 TO STA. 30+00

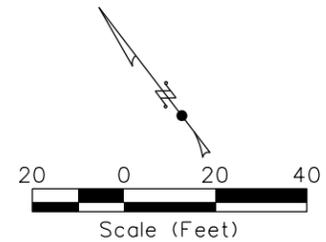
**English**  
COUNTY ONEIDA  
KEY NUMBER 19622  
SHEET 72 OF 118



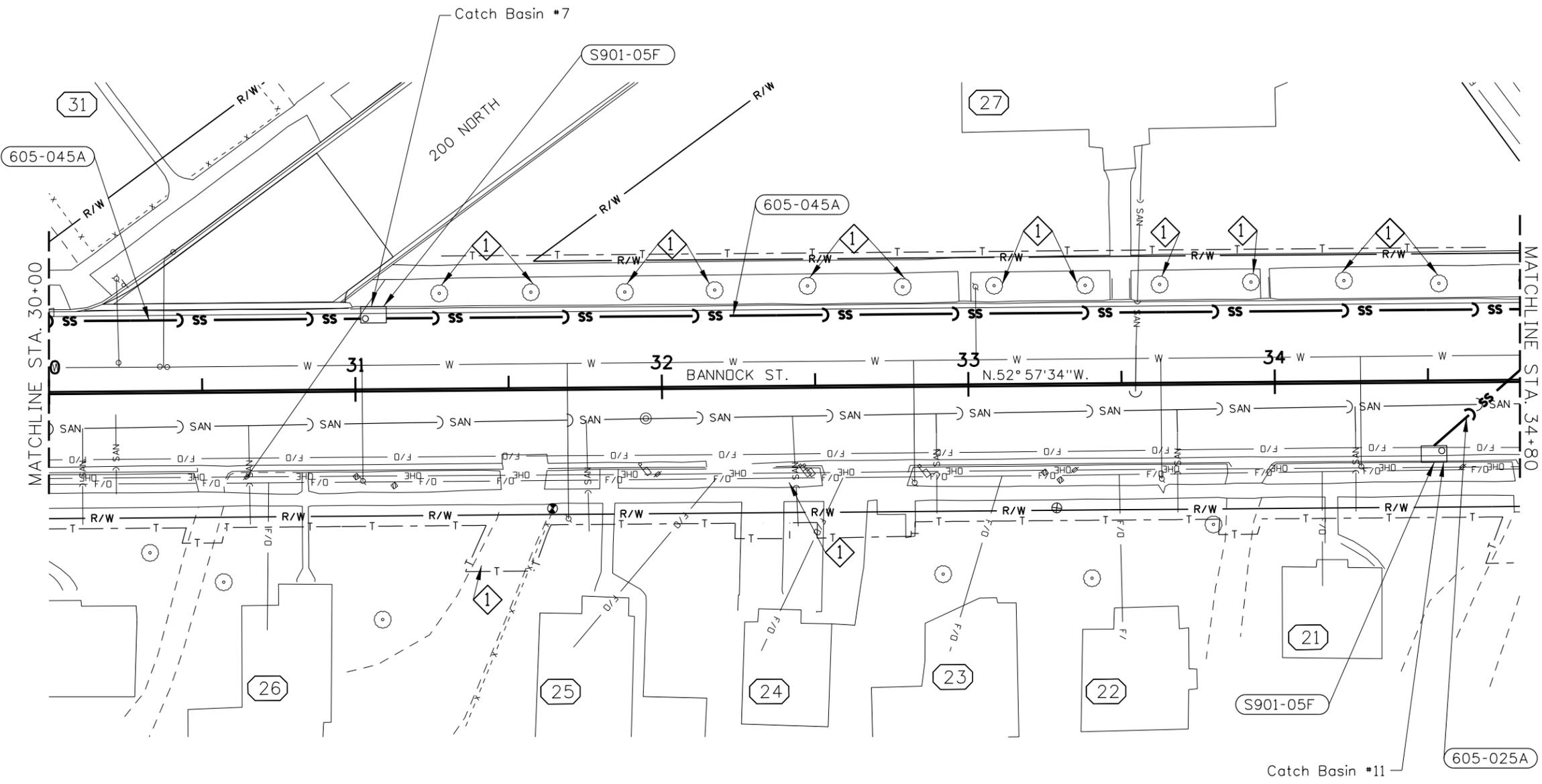
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T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



- (605-025A) 12" Storm Sewer Pipe  
37 FT Sta. 34+52, 21' RT. to Sta. 34+80, 3' LT.
- (605-045A) 24" Storm Sewer Pipe  
102 FT Sta. 30+00, 23' LT. to Sta. 31+02, 23' LT.  
370 FT Sta. 31+10, 23' LT. to Sta. 34+80, 23' LT.
- (S901-05F) Combo Inlet Box  
1 EACH Sta. 31+06, 27' LT.  
1 EACH Sta. 34+52, 27' RT.



1 Retain And Protect Tree

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_SS_PLAN_02.dgn  DRAWING DATE: OCT 2022
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	

**IDAHO TRANSPORTATION DEPARTMENT**  
  
 FORSGREN Associates Inc.

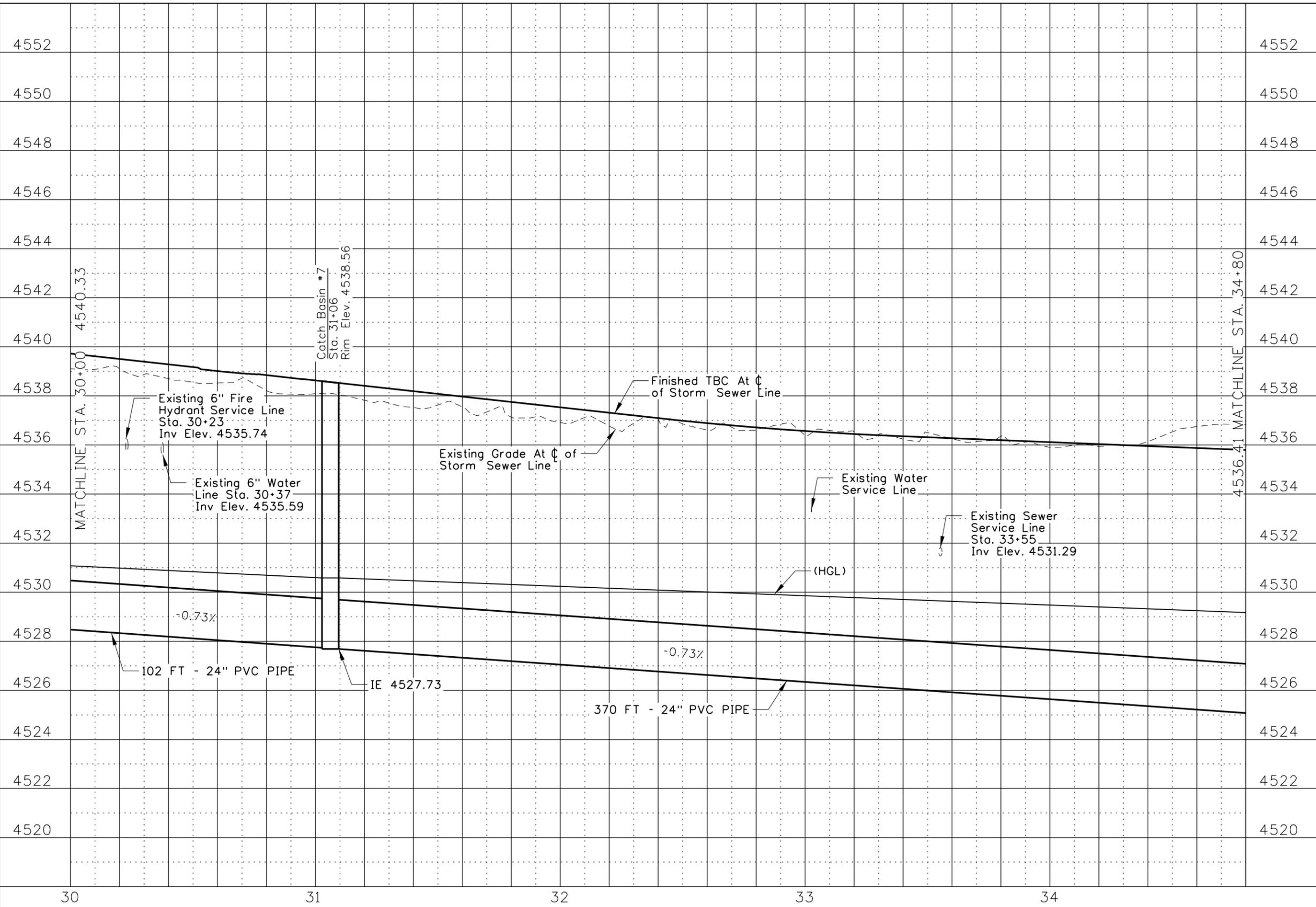
PROJECT NO.	A019(622)
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STORM SEWER PLAN	BANNOCK ST., MALAD CITY STA. 30+00 TO STA. 34+80
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 73 OF 118



1/28/2025 F:\Rexburg\OldFileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SS\_PROF



4552  
4550  
4548  
4546  
4544  
4542  
4540  
4538  
4536  
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4532  
4530  
4528  
4526  
4524  
4522  
4520

30 31 32 33 34

Note:  
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Elevations During Construction.  
Repair Of Any Damaged Utility  
Lines Are Contractor Responsibility.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. PALMER  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 19622\_SS\_PROFILE\_02.dgn  
DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

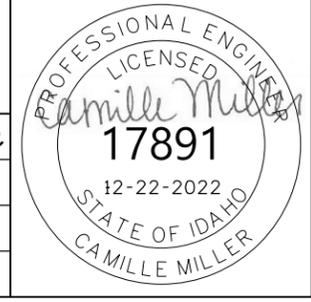
FORSGREN Associates Inc.



PROJECT NO.  
A019(622)

STORM SEWER PROFILE  
BANNOCK ST., MALAD CITY  
STA. 30+00 TO STA. 34+80

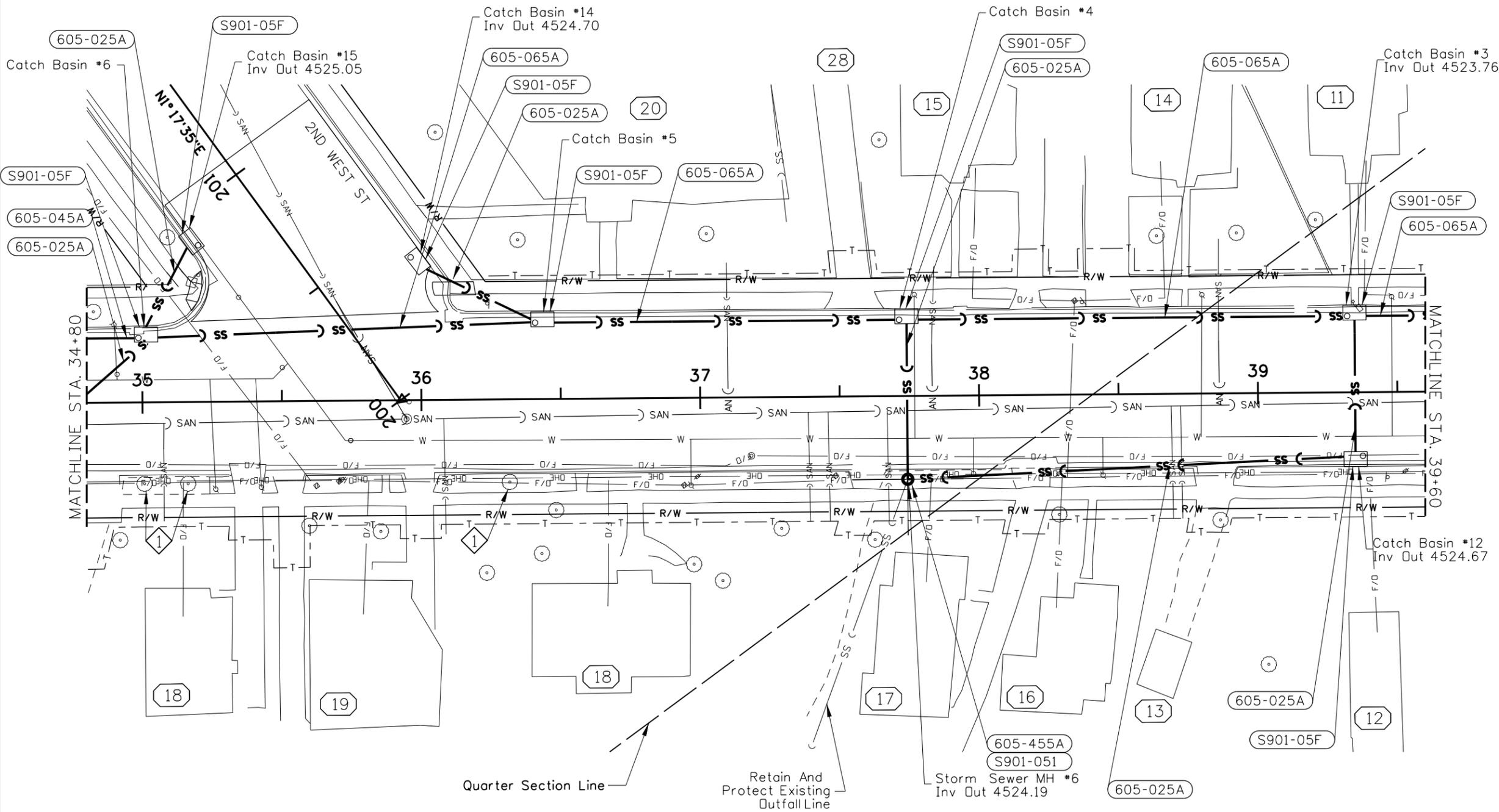
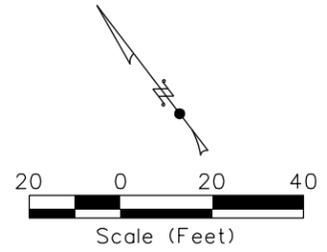
**English**  
COUNTY ONEIDA  
KEY NUMBER 19622  
SHEET 74 OF 118



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T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



605-025A	12" Storm Sewer Pipe	28 FT	Sta. 34+80, 3' LT. To Sta. 35+01, 21' LT.
		56 FT	Sta. 37+74, 26' LT. To Sta. 37+74, 27' RT.
		157 FT	Sta. 37+76, 30' RT. To Sta. 39+30, 23' RT.
		47 FT	Sta. 39+35, 26' LT. To Sta. 39+35, 21' RT.
		38 FT	Sta. 199+95, 60' LT. To Sta. 200+28, 39' LT.
		32 FT	Sta. 200+75, 58' LT. To Sta. 200+89, 30' LT.
605-045A	24" Storm Sewer Pipe	17 FT	Sta. 34+80, 23' LT. To Sta. 34+97, 23' LT.
605-065A	36" Storm Sewer Pipe	134 FT	Sta. 35+06, 23' LT. To Sta. 36+39, 28' LT.
		122 FT	Sta. 36+48, 27' LT. To Sta. 37+70, 27' LT.
		152 FT	Sta. 37+79, 27' LT. To Sta. 39+30, 27' LT.
		21 FT	Sta. 39+39, 27' LT. To Sta. 39+60, 27' LT.
605-455A	Manhole Type A	1 EACH	Sta. 37+74, 30' RT.
S901-05F	Combo Inlet Box	1 EACH	Sta. 200+90, 27' LT.
		1 EACH	Sta. 200+32, 40' RT.
		1 EACH	Sta. 35+01, 24' LT.
		1 EACH	Sta. 36+44, 29' LT.
		1 EACH	Sta. 37+74, 29' LT.
		1 EACH	Sta. 39+35, 30' LT.
		1 EACH	Sta. 39+35, 24' RT.
S901-051	Connect to Existing Sewer Structure	1 EACH	Sta. 37+74, 30' RT.

SE<sup>4</sup> SE<sup>4</sup> SEC. 21

① Retain And Protect Tree

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_SS_PLAN_03.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



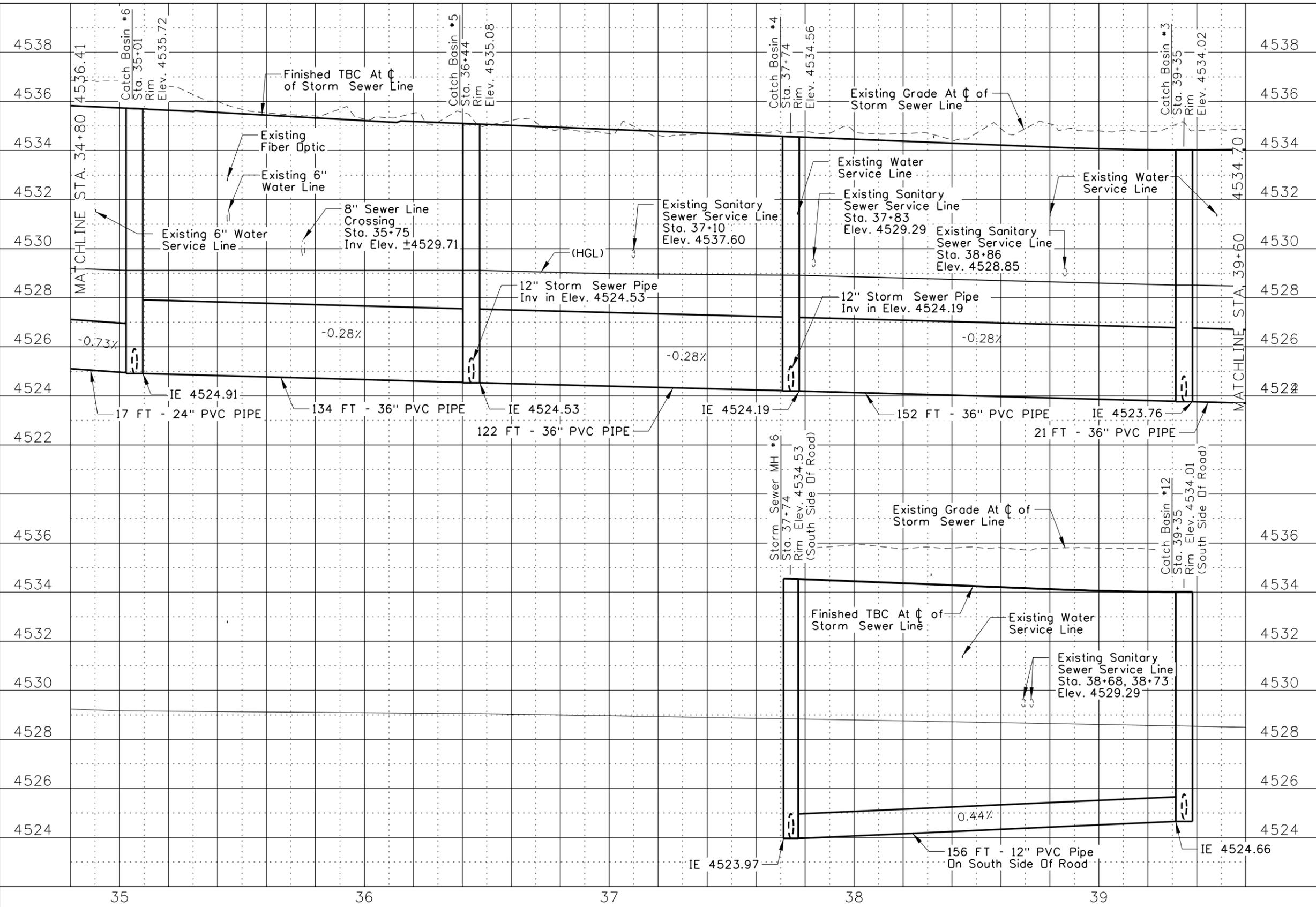
FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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STORM SEWER PLAN	BANNOCK ST., MALAD CITY
	STA. 34+80 TO STA. 39+60

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 75 OF 118

1/28/2025 F:\Rexburg\OldfileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\proj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SS\_PROFILE.dwg



Note:  
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_SS\_PROFILE\_03.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO. A019(622)

STORM SEWER PROFILE  
 BANNOCK ST., MALAD CITY  
 STA. 34+80 TO STA. 39+60

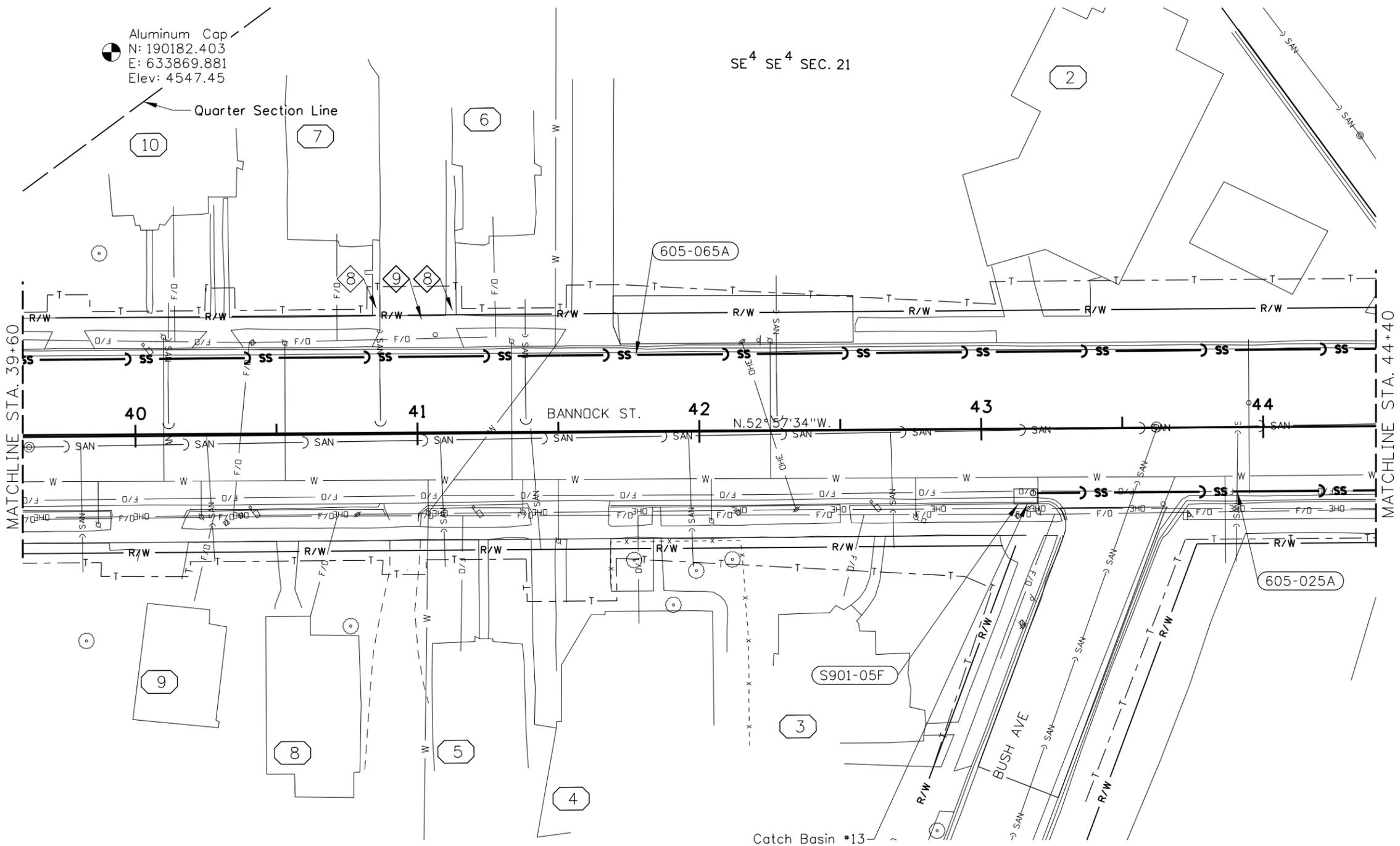
**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 76 OF 118



2/6/2025 F:\Rexburg\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SS\_PLAN\_04.dgn

T.14S., R.36E., B.M.

SE<sup>4</sup> SE<sup>4</sup> SEC. 21



Aluminum Cap  
N: 190182.403  
E: 633869.881  
Elev: 4547.45

Quarter Section Line

- (605-025A) 12" Storm Sewer Pipe  
120 FT Sta. 43+19, 24' RT. To Sta. 44+40, 23' RT.
- (605-065A) 36" Storm Sewer Pipe  
480 FT Sta. 39+60, 27' LT. To Sta. 44+40, 27' LT.
- (S901-05F) Combo Inlet Box  
1 EACH Sta. 43+16, 24' LT.

- ⬡ Retain And Protect Fence
- ⬡ Retain And Protect Concrete HeadWall



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. PALMER  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 19622\_SS\_PLAN\_04.dgn  
DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

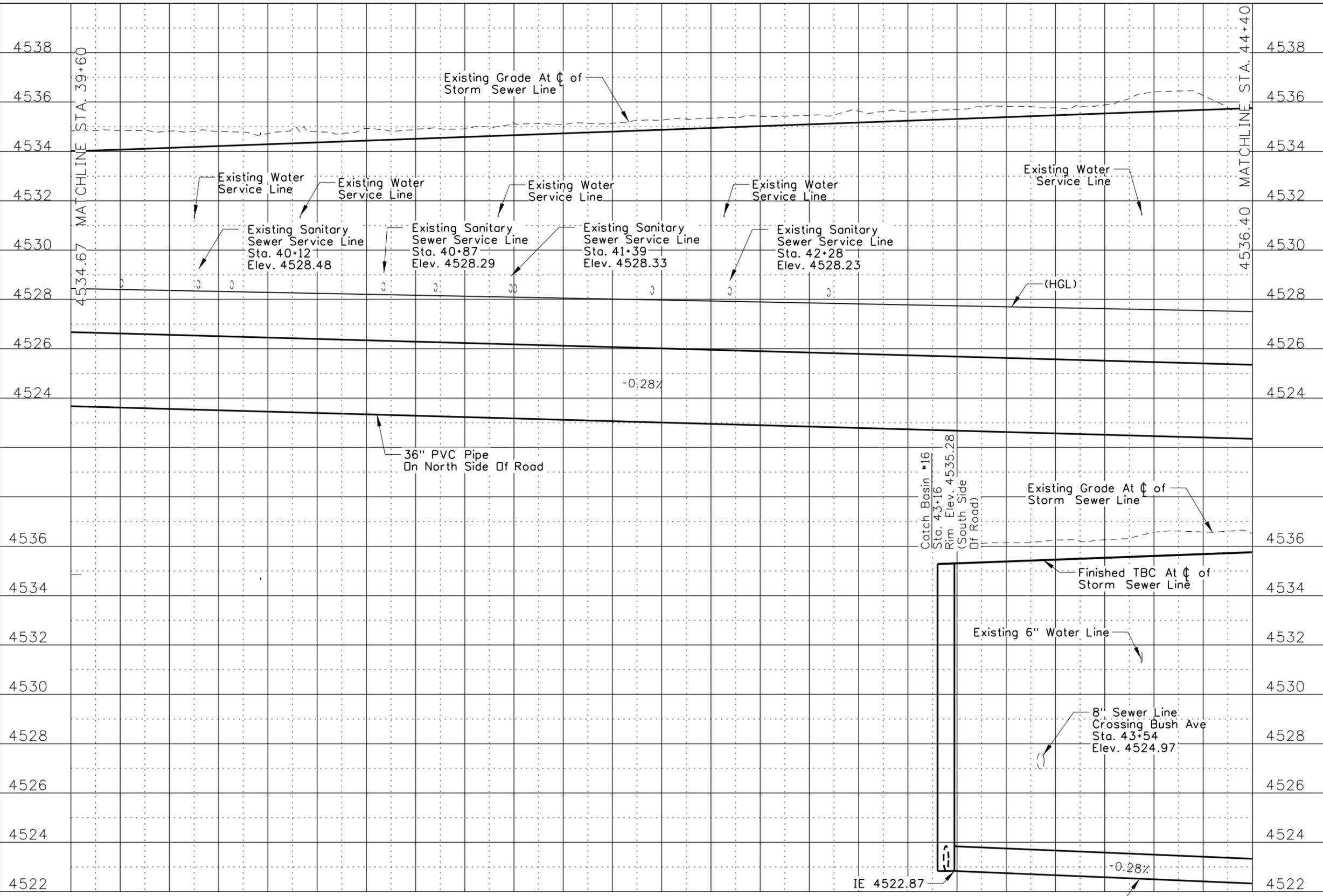
PROJECT NO. A019(622)

STORM SEWER PLAN  
BANNOCK ST., MALAD CITY  
STA. 39+60 TO STA. 44+40

**English**  
COUNTY ONEIDA  
KEY NUMBER 19622  
SHEET 77 OF 118



1/28/2025 F:\Rexburg\OldfileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\proj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SS\_PROFILE.dgn



Note:  
Existing Utility Depths Shown  
In Profile Are Approximate. It  
Is The Contractor's Responsibility  
To Verify Locations And  
Elevations During Construction.  
Any Damaged Utility Lines Are  
Contractor Responsibility.

40 41 42 43 44  
120 FT - 12" PVC PIPE On South Side Of Road  
IE 4522.87  
Catch Basin #16 Sta. 43+16 Rim Elev. 4535.28 (South Side Of Road)  
Existing 6" Water Line  
8" Sewer Line Crossing Bush Ave Sta. 43+54 Elev. 4524.97  
Finished TBC At Center of Storm Sewer Line  
Existing Grade At Center of Storm Sewer Line  
-0.28%

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
DESIGN CHECKED K. HARRIS  
DETAILED M. PALMER  
DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME 19622\_SS\_PROFILE\_04.dgn  
DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**  
  
 FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

STORM SEWER PROFILE  
BANNOCK ST., MALAD CITY  
STS. 39+60 TO STA. 44+40

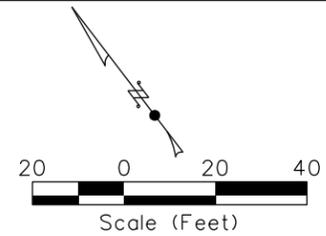
**English**  
COUNTY ONEIDA  
KEY NUMBER 19622  
SHEET 78 OF 118



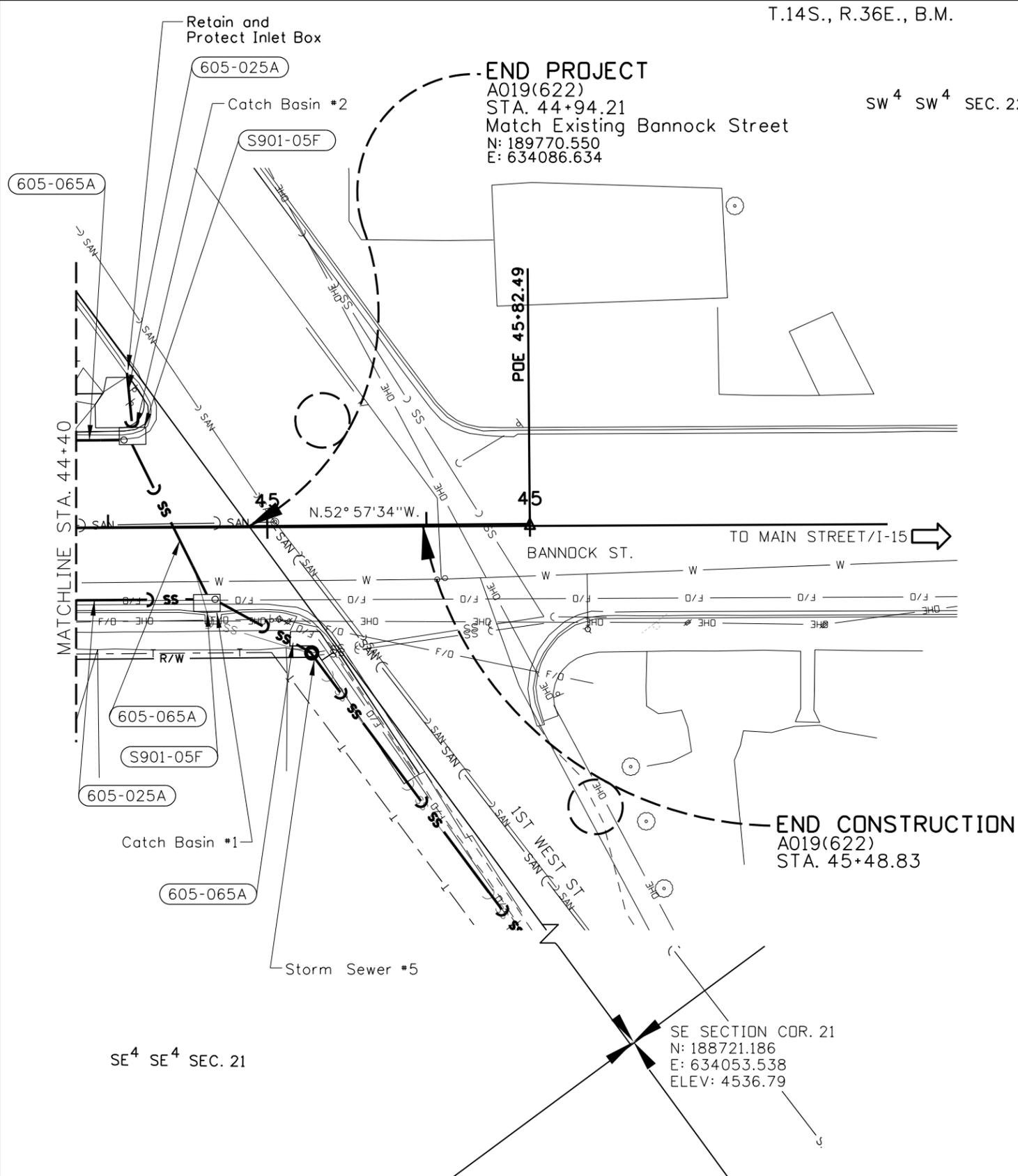
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T.14S., R.36E., B.M.

SW<sup>4</sup> SW<sup>4</sup> SEC. 22



- 605-025A** 12" Storm Sewer Pipe
  - 37 FT Sta. 44+40 23' RT. To Sta. 44+77, 23 RT.
  - 17 FT Sta. 44+56, 48' LT. To Sta. 44+58, 31' LT.
- 605-065A** 36" Storm Sewer Pipe
  - 14 FT Sta. 44+40, 27' LT. To Sta. 44+54, 27' LT.
  - 53 FT Sta. 44+58, 26' LT. To Sta. 44+81, 21' RT.
  - 33 FT Sta. 44+85, 26' RT. To Sta. 45+14, 40 RT.
- S901-05F** Combo Inlet Box
  - 1 EACH Sta. 44+58, 29' LT.
  - 1 EACH Sta. 44+81, 24' RT.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_SS_PLAN_05.dgn  DRAWING DATE: OCT 2022
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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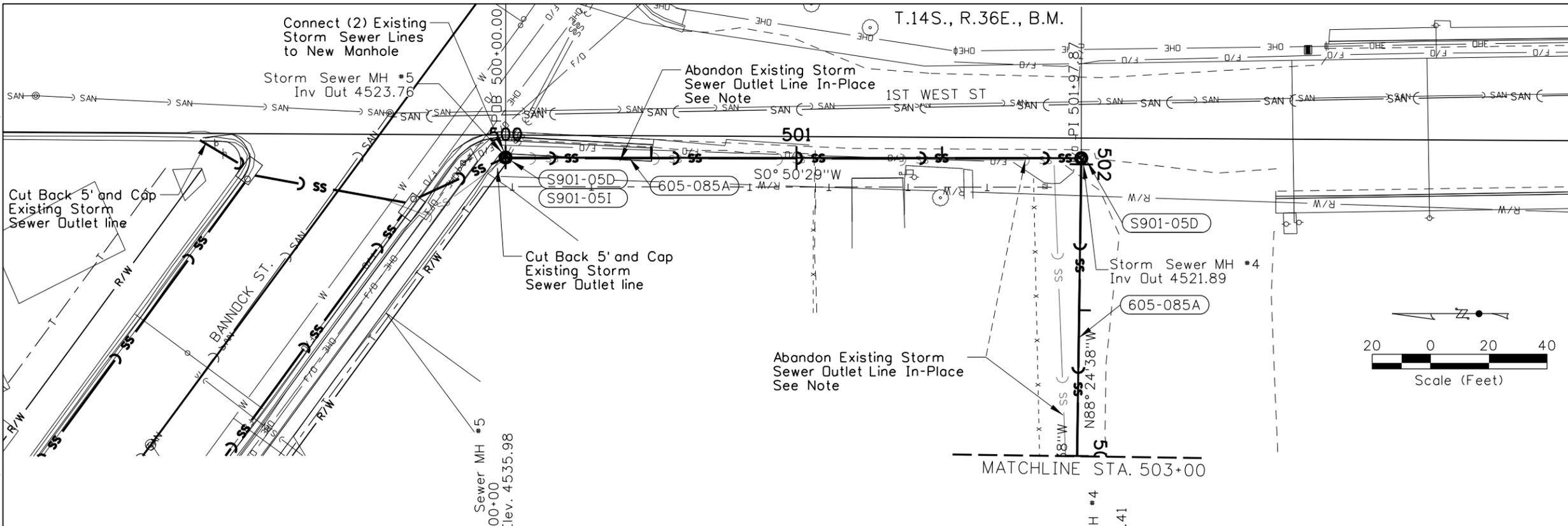
STORM SEWER PLAN	BANNOCK ST., MALAD CITY STA. 44+40 TO STA. 45+48.83
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 79 OF 118

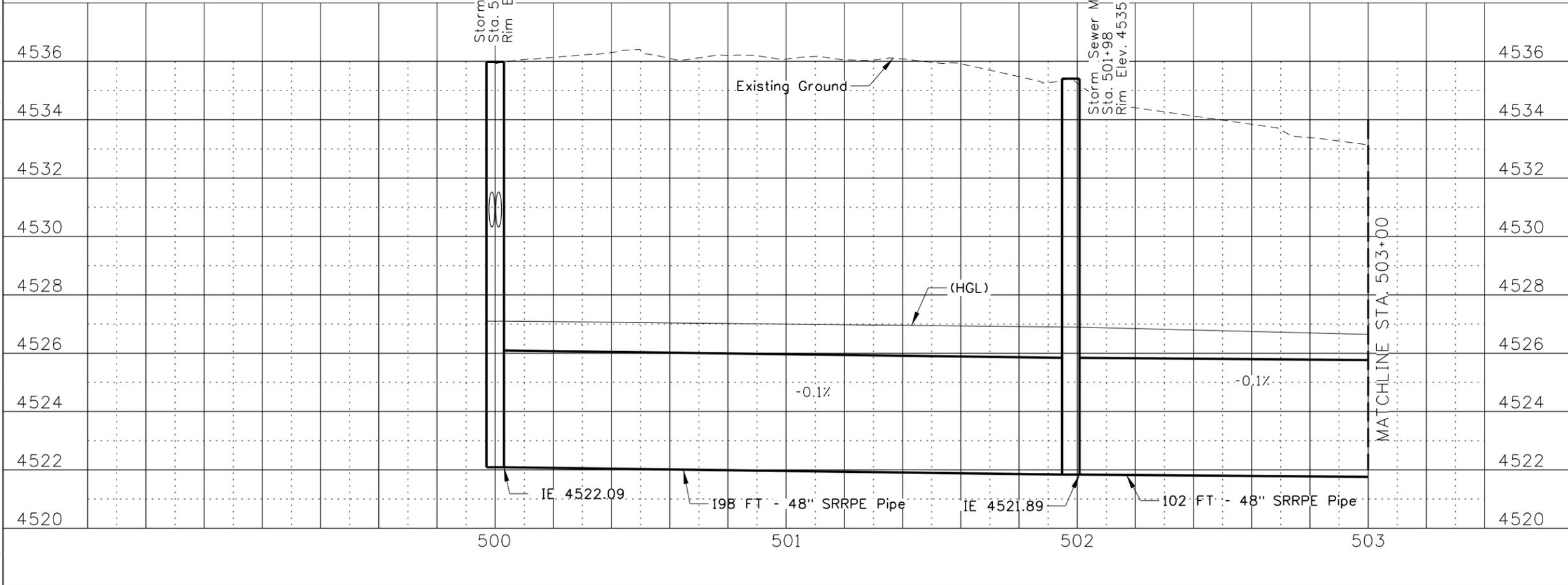
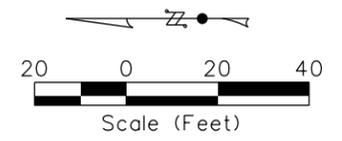




1/28/2025 F:\Rexburg\01ofFiles\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Outfall\19622\_OUT\_01.dgn



605-085A	48" Storm Sewer Pipe
198 FT	Sta. 500+00 To Sta. 501+97.78
102 FT	Sta. 501+97.78 To Sta. 503+00.00
S901-05D	72 Inch Manhole
1 EACH	Sta. 500+00.00
1 EACH	Sta. 501+97.78
S901-05I	Connect to Existing Sewer Structure
1 EACH	Sta. 500+00
1 EACH	Sta. 500+00



Note:  
If Existing 36" Storm Sewer Outlet Pipe Crosses Proposed Outlet Pipe, Contractor To Remove And Dispose Of Existing Storm Sewer Outlet Pipe At Contractor's Expense.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	
CADD FILE NAME		19622_OUT_01.dgn
DRAWING DATE:		OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.



PROJECT NO.	A019(622)
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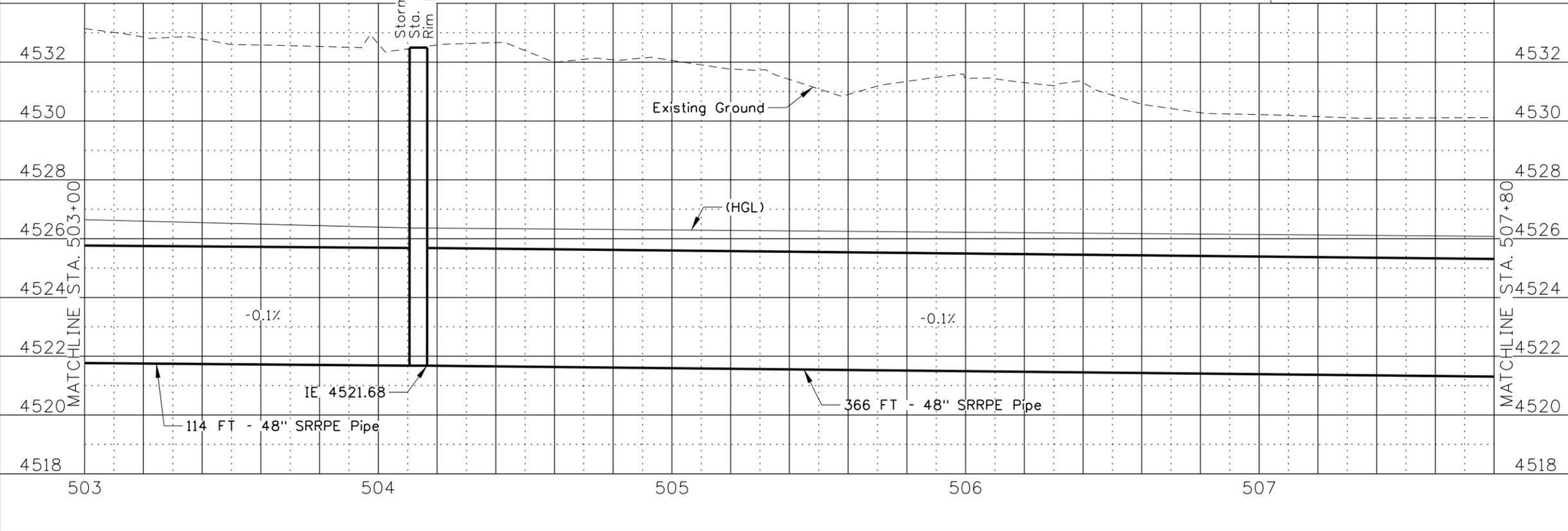
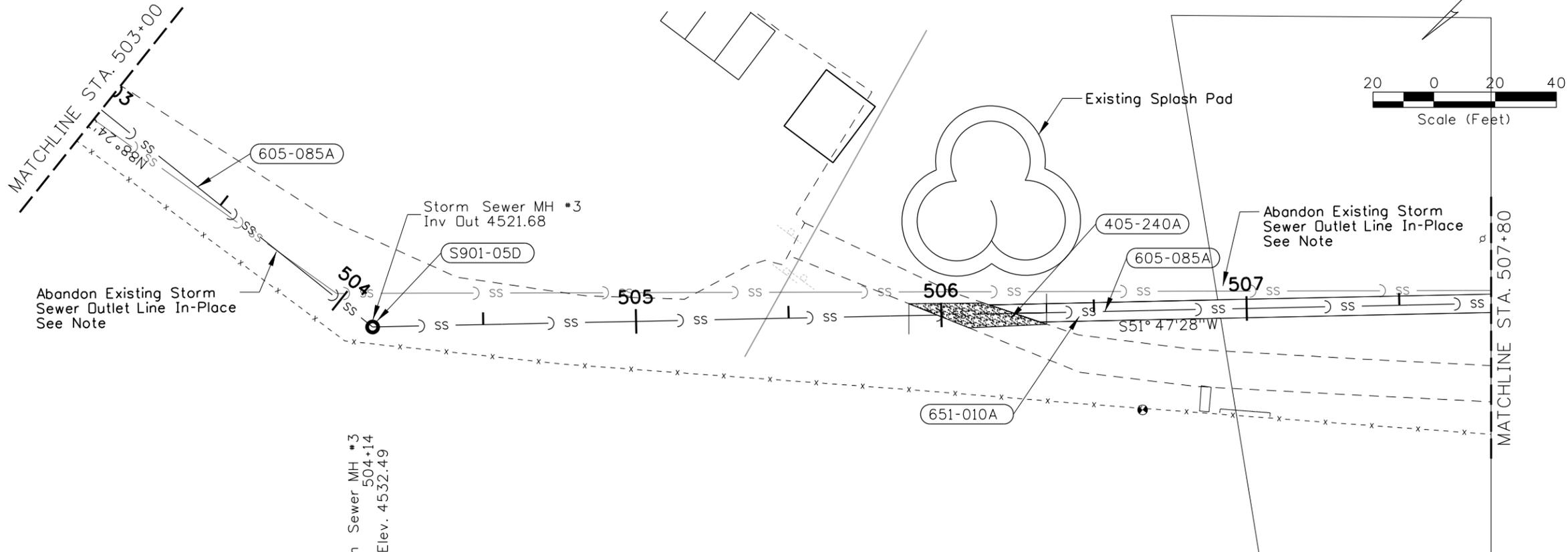
OUTFALL PLAN + PROFILE	BANNOCK ST., MALAD CITY STA. 500+00 TO STA. 503+00
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 81 OF 118



F:\Rexburg\01\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Outfall\19622\_OUT\_02.dgn

T.14S., R.36E., B.M.



405-240A	Misc Paving	22 SY	Sta. 505+89.4 To Sta. 506.35.5
605-085A	48" Storm Sewer Pipe	114 FT	Sta. 503+00 To Sta. 504+14
		366 FT	Sta. 504+14 To Sta. 507+80
S901-05D	72 Inch Manhole	1 EACH	Sta. 504+14
651-010A	Lawn Const (Sodded)	936 SF	Sta. 506+16 To Sta. 507+80

Note:  
 If Existing 36" Storm Sewer Outlet Pipe Crosses Proposed Outlet Pipe, Contractor To Remove And Dispose Of Existing Storm Sewer Outlet Pipe At Contractor's Expense.

Retain and Protect Existing Sprinkler System At The Baseball Diamonds

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_OUT\_02.dgn  
 DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO. A019(622)

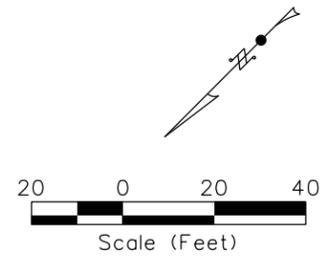
OUTFALL PLAN + PROFILE  
 BANNOCK ST., MALAD CITY  
 STA. 503+00 TO STA. 507+80

**English**

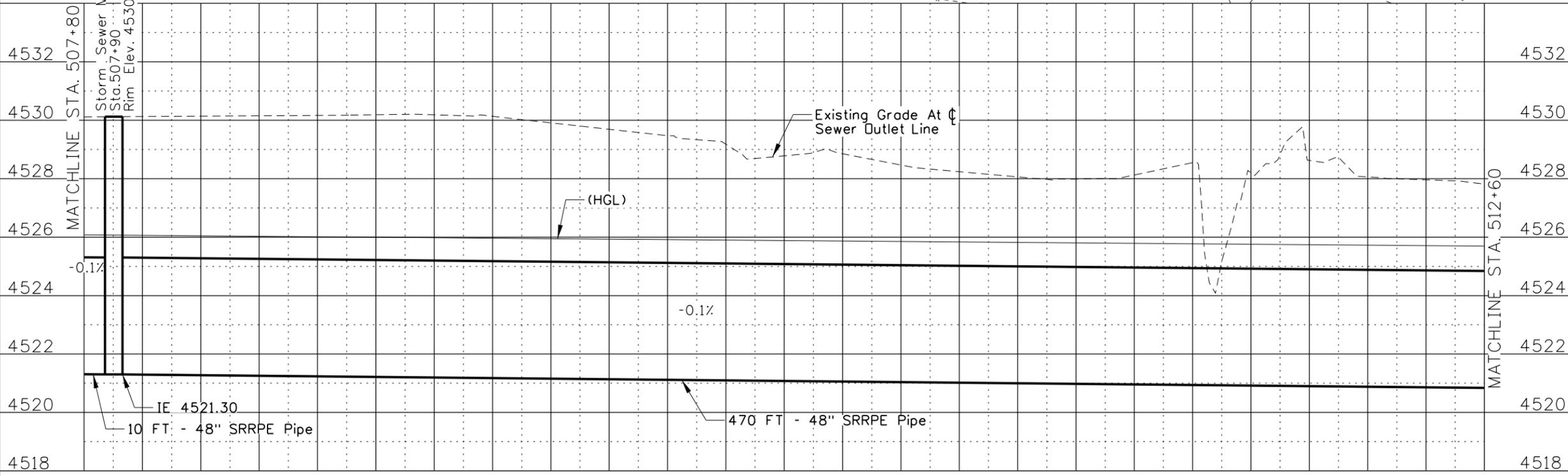
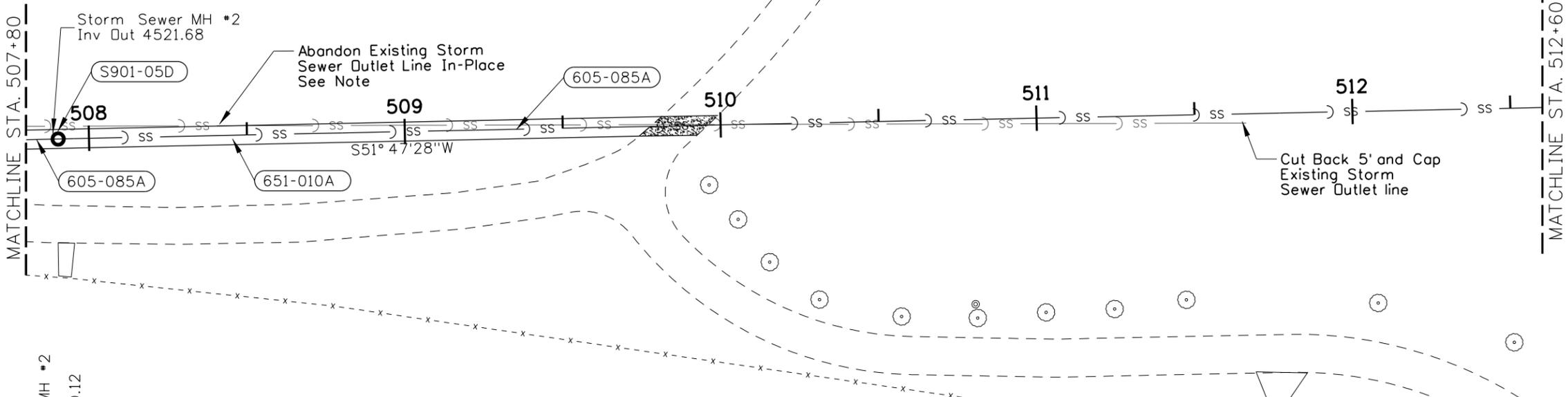
COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 82 OF 118



T.14S., R.36E., B.M.



- (405-240A) Misc Paving  
13 SY Sta. 509+65 To Sta. 510+06
- (605-085A) 48" Storm Sewer Pipe  
10 FT Sta. 507+80 To Sta. 507+90  
470 FT Sta. 507+90 To Sta. 512+60
- (S901-05D) 72 Inch Manhole  
1 EACH Sta. 507+90
- (651-010A) Lawn Const (Sodded)  
1180 SF Sta. 507+80 To Sta. 509+78



Note:  
If Existing 36" Storm Sewer Outlet Pipe Crosses Proposed Outlet Pipe, Contractor To Remove And Dispose Of Existing Storm Sewer Outlet Pipe At Contractor's Expense.

Retain and Protect Existing Sprinkler System At The Baseball Diamonds

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	
CADD FILE NAME		19622_OUT_03.dgn
DRAWING DATE:		OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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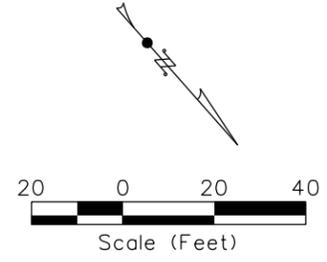
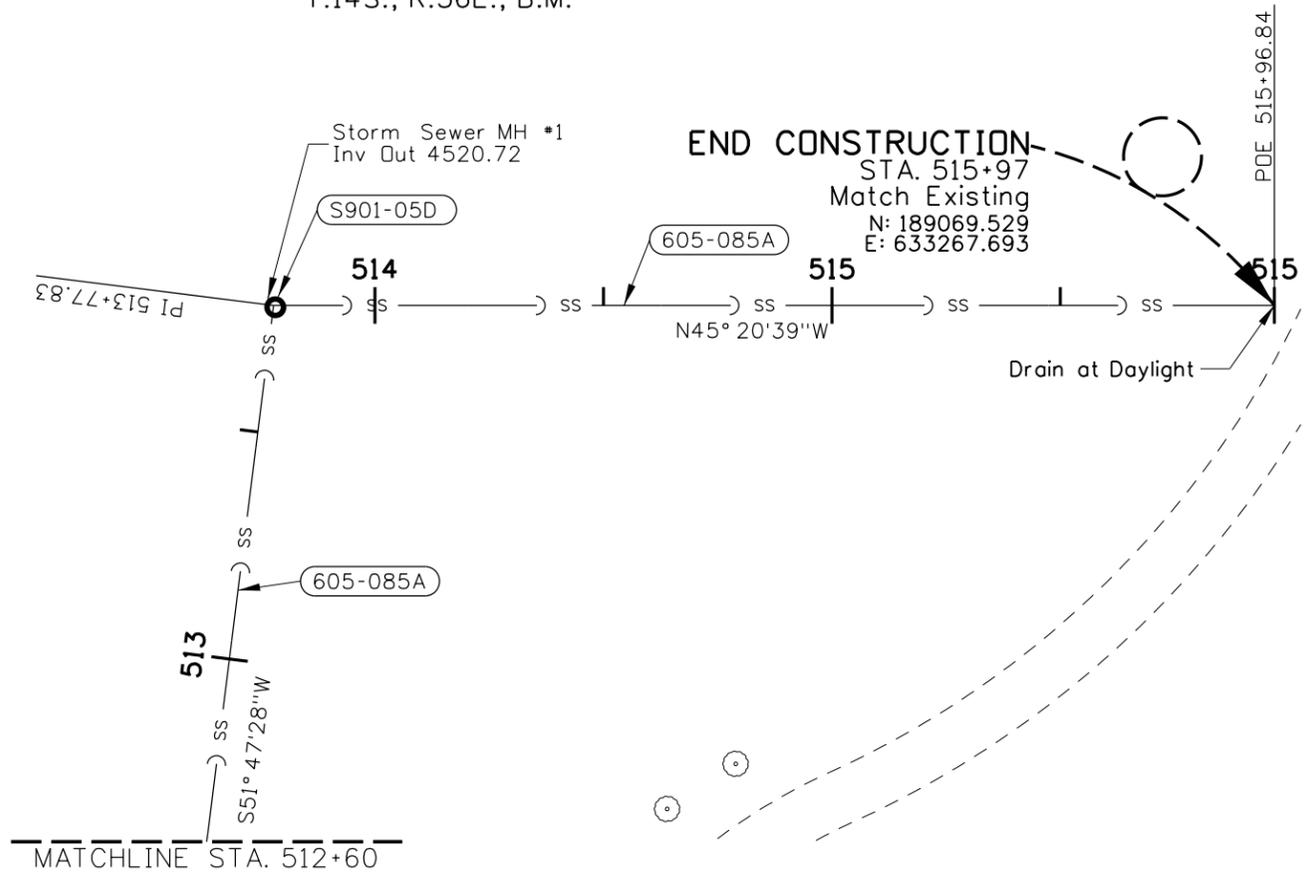
OUTFALL PLAN + PROFILE

BANNOCK ST., MALAD CITY

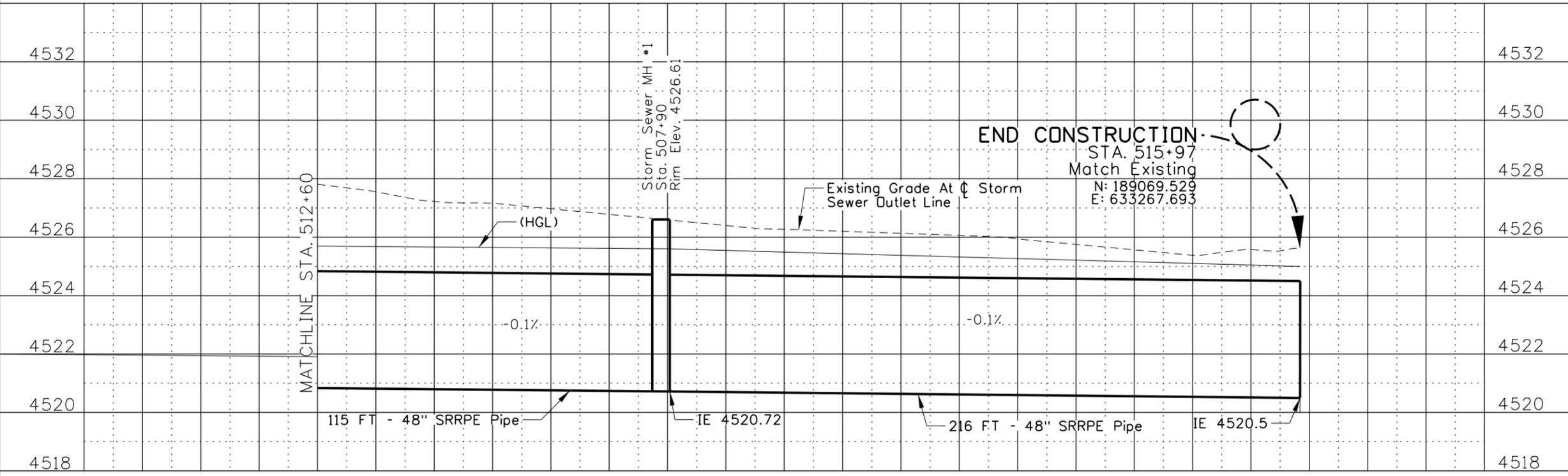
STA. 507+80 TO STA. 512+60

<b>English</b>	
COUNTY	ONEIDA
KEY NUMBER	19622
SHEET	83 OF 118

T.14S., R.36E., B.M.



- 605-085A** 48" Storm Sewer Pipe
- 115 FT Sta. 512+60 To Sta. 513+78
- 216 FT Sta. 513+78 To Sta. 515+97
- S901-05D** 72 Inch Manhole
- 1 EACH Sta. 513+78



Note:  
If Existing 36" Storm Sewer Outlet Pipe Crosses Proposed Outlet Pipe, Contractor To Remove And Dispose Of Existing Storm Sewer Outlet Pipe At Contractor's Expense.

1/28/2025 F:\Rexburg\01ofFiles\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Outfall\19622\_OUT\_04.dgn

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_OUT\_04.dgn  
 DRAWING DATE: OCT 2022



PROJECT NO. A019(622)

OUTFALL PLAN + PROFILE  
 BANNOCK ST., MALAD CITY  
 STA: 512+60 TO 515+97

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 84 OF 118

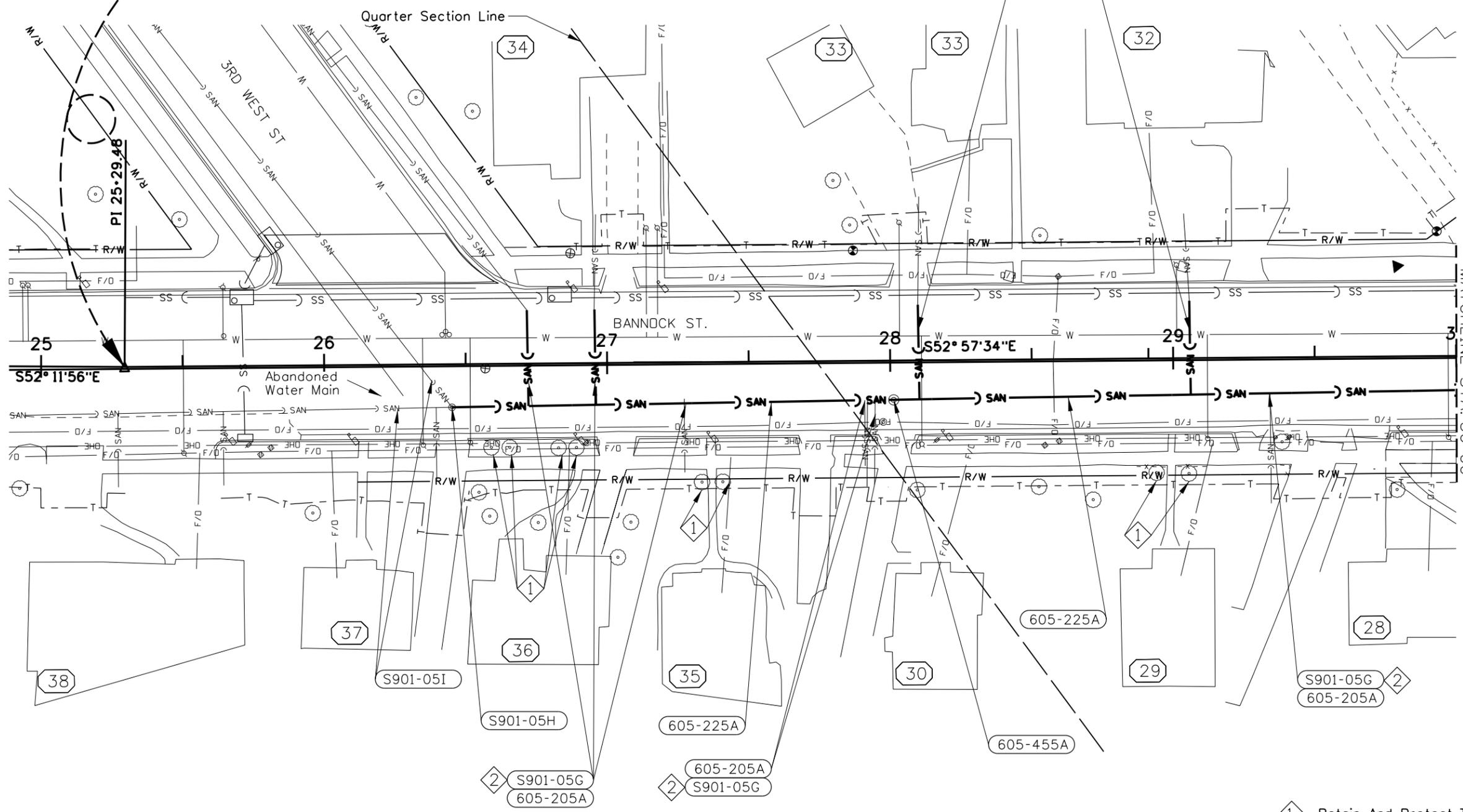
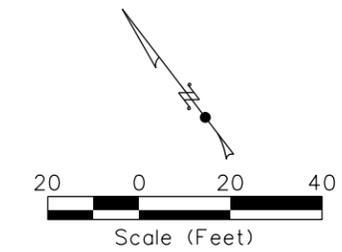


T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21

**BEGIN PROJECT  
BEGIN CONSTRUCTION**  
A019(622)  
STA. 25+29.48  
Match Existing Bannock Street  
N: 190954.092  
E: 632518.322

NW<sup>4</sup> SE<sup>4</sup> SEC. 21



- (605-205A) 4" Sanitary Sewer Pipe**  
34 FT Sta. 26+72, 18' LT. To Sta. 26+72, 15' RT.  
34 FT Sta. 26+96, 19' LT. To Sta. 26+96, 15' RT.  
1 FT Sta. 27+28, 13' RT. To Sta. 27+28, 13' RT.  
33 FT Sta. 28+10, 20' LT. To Sta. 28+10, 14' RT.  
33 FT Sta. 29+06, 20' LT. To Sta. 29+06, 13' RT.  
1 FT Sta. 27+92, 14' RT. To Sta. 27+92, 14' RT.  
1 FT Sta. 27+95, 14' RT. To Sta. 27+95, 14' RT.  
1 FT Sta. 29+34, 13' RT. To Sta. 29+34, 13' RT.
- (605-225A) 12" Sanitary Sewer Pipe**  
153 FT Sta. 26+45, 15' RT. To Sta. 28+01, 14' RT.  
197 FT Sta. 28+01, 14' RT. To Sta. 30+00, 12' RT.
- (605-455A) Manhole Ty A**  
1 EACH Sta. 28+01, 14' RT.
- (S901-05G) Sanitary Sewer Service Connection**  
1 EACH Sta. 26+72, 15' RT.  
1 EACH Sta. 26+96, 19' RT.  
1 EACH Sta. 27+28, 13' RT.  
1 EACH Sta. 27+92, 20' RT.  
1 EACH Sta. 27+95, 20' RT.  
1 EACH Sta. 28+10, 20' RT.  
1 EACH Sta. 29+06, 20' RT.  
1 EACH Sta. 29+34, 20' RT.
- (S901-05H) 48-inch Drop Manhole**  
1 EACH Sta. 26+42, 13' RT.
- (S901-05I) Connect to Existing Sewer Structure**  
2 EACH Sta. 26+42, 13' RT.

**NOTE:**  
Location Of Existing Sewer Main And Service Lines In Approximate, Actual Location Must Be Field Verified.

- 1** Retain And Protect Tree
- 2** See Sheet 12 for Sanitary Sewer Service Connection Detail



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_SAN_PLAN_01.dgn  DRAWING DATE: OCT 2022
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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SANITARY SEWER PLAN	BANNOCK ST., MALAD CITY
	STA. 25+29.48 TO STA. 30+00

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 85 OF 118

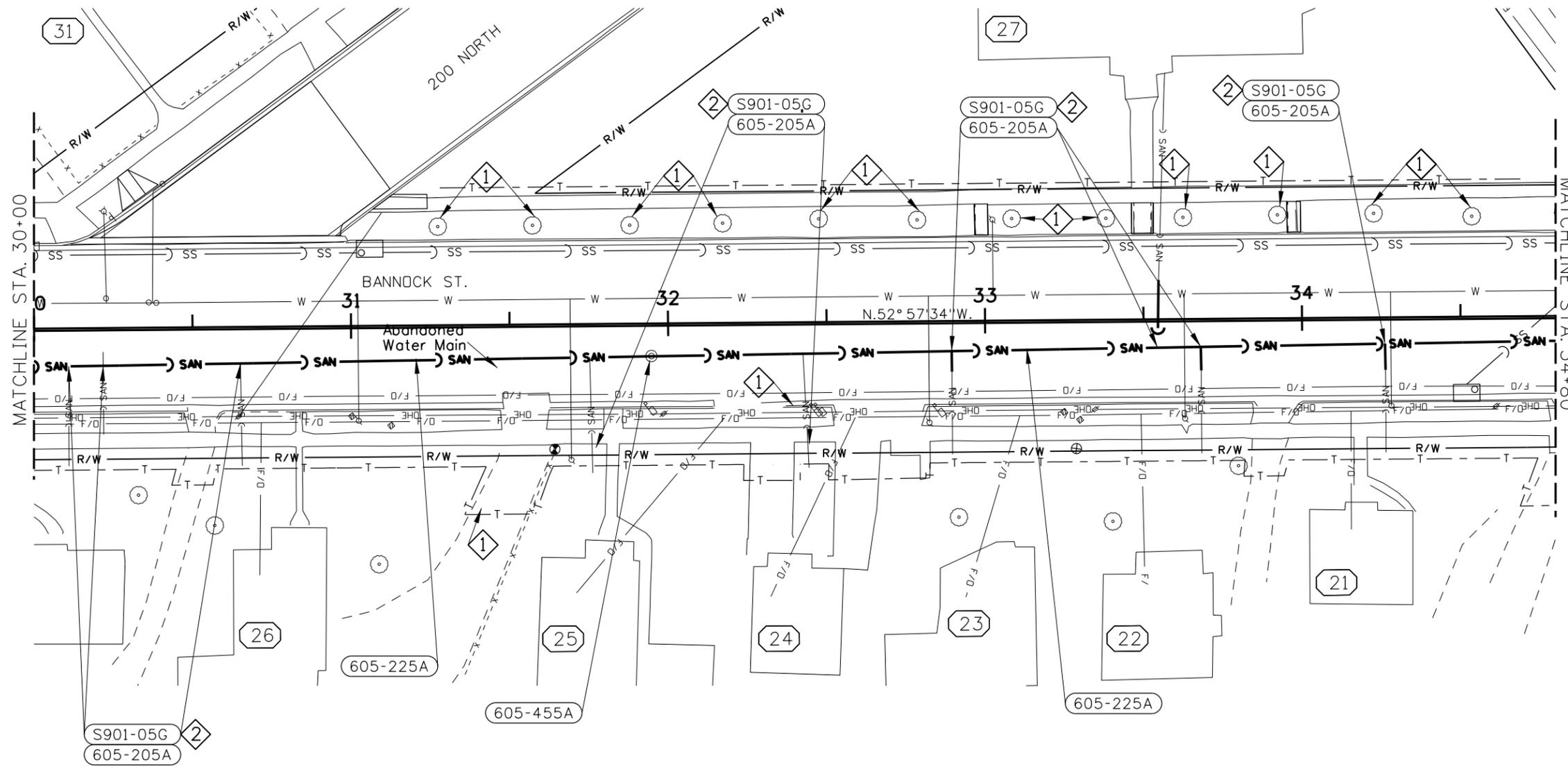
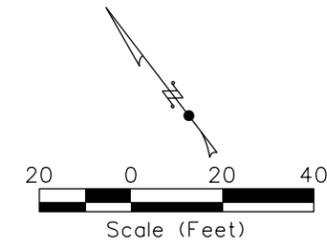
1/28/2025 F:\Rexburg\01of118\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SAN\_PLAN



1/28/2025 F:\Rexburg\01ofFiles\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SAN\_PLAN

T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



<b>605-205A</b>	4" Sanitary Sewer Pipe
1 FT	Sta. 30+11, 12' RT. To Sta. 30+11, 12' RT.
1 FT	Sta. 30+22, 12' RT. To Sta. 30+22, 12' RT.
1 FT	Sta. 30+65, 11' RT. To Sta. 30+65, 11' RT.
1 FT	Sta. 31+75, 10' RT. To Sta. 31+75, 10' RT.
1 FT	Sta. 32+42, 10' RT. To Sta. 32+42, 10' RT.
6 FT	Sta. 32+90, 10' RT. To Sta. 32+90, 16' RT.
21 FT	Sta. 33+54, 9' RT. To Sta. 33+54, 12' LT.
7 FT	Sta. 33+68, 9' RT. To Sta. 33+68, 16' RT.
8 FT	Sta. 34+26, 8' RT. To Sta. 34+26, 17' RT.
<b>605-225A</b>	12" Sanitary Sewer Pipe
193 FT	Sta. 30+00, 12' RT. to Sta. 31+95, 10' RT.
283 FT	Sta. 31+95, 10' RT. to Sta. 34+80, 8' RT.
<b>605-455A</b>	Manhole Ty A
1 EACH	Sta. 31+95, 10' RT.
<b>S901-05G</b>	Sanitary Sewer Service Connection
1 EACH	Sta. 30+11, 21' RT.
1 EACH	Sta. 30+22, 8' RT.
1 EACH	Sta. 30+65, 21' RT.
1 EACH	Sta. 31+75, 19' RT.
1 EACH	Sta. 32+42, 17' RT.
1 EACH	Sta. 32+88, 16' RT.
1 EACH	Sta. 33+63, 16' RT.
1 EACH	Sta. 33+68, 12' RT.
1 EACH	Sta. 34+27, 17' RT.

Note:  
Location Of Existing Sewer Main  
And Service Lines In Approximate,  
Actual Location Must Be Field Verified.

1 Retain And Protect Tree

2 See Sheet 12 for Sanitary Sewer Service Connection Detail

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_SAN_PLAN_02.dgn  DRAWING DATE: OCT 2022
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	

**IDAHO TRANSPORTATION DEPARTMENT**  
  
**FORSGREN Associates Inc.**

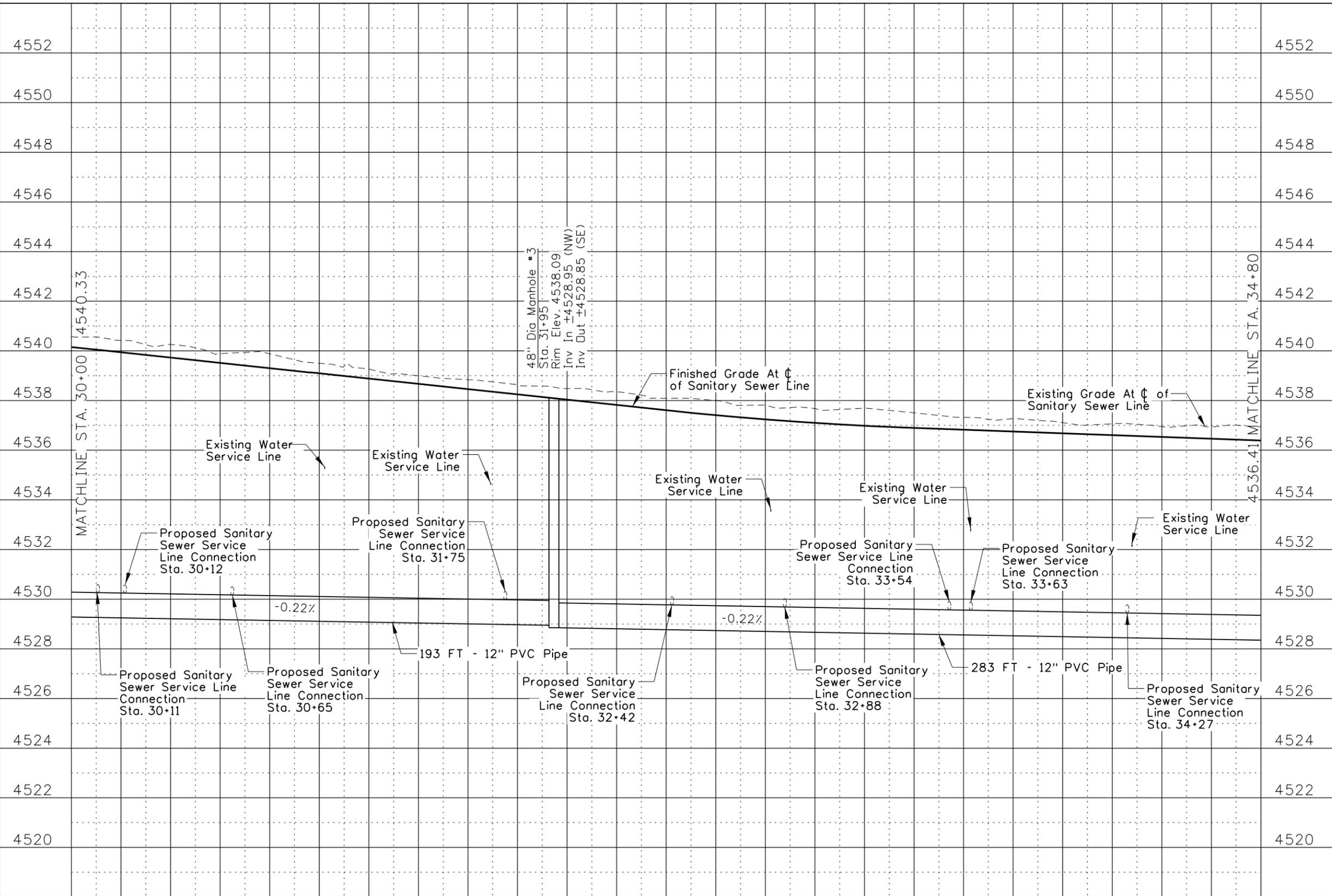
PROJECT NO.	A019(622)
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SANITARY SEWER PLAN	BANNOCK ST., MALAD CITY
	STA. 30+00 TO STA. 34+80

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 87 OF 118



1/28/2025 F:\Rexburg\OldFileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SAN\_PROFILE



MATCHLINE STA. 30+00 4540.33 4536.41 MATCHLINE STA. 34+80

Note:  
 1. Existing Utility Depths Shown IN PProfile Are Approximate. It Is The Contractor's Responsibility To Verify Locations And Elevations During Construction.  
 2. Contractor Shall Provide By Pass Pumping For Duration Of Sewer Structure Construction As Per S904-05B.

30 31 32 33 34

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_SAN_PROFILE_02.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.  
A019(622)

SANITARY SEWER PROFILE  
 BANNOCK ST., MALAD CITY  
 STA. 30+00 TO STA. 34+80

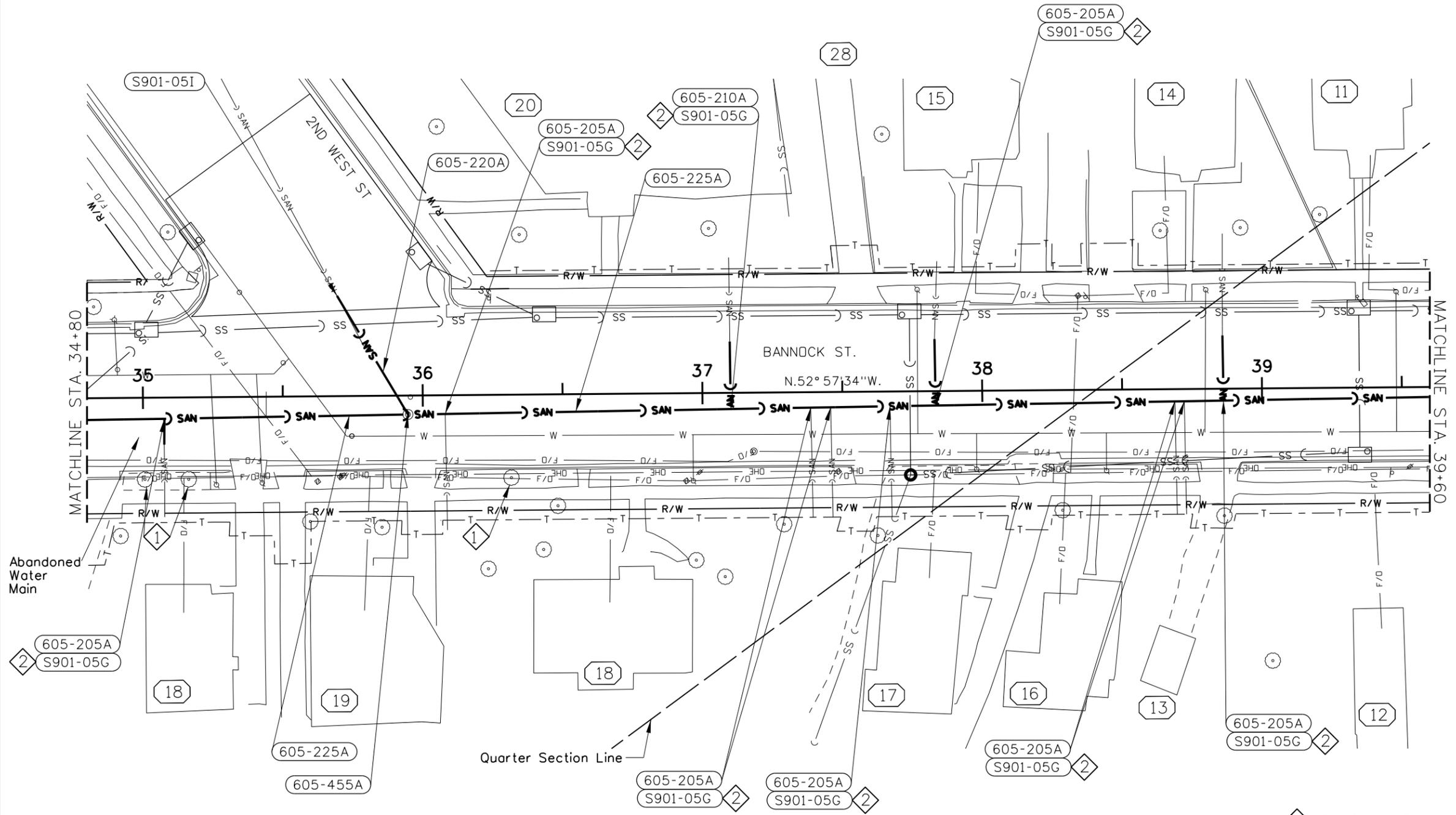
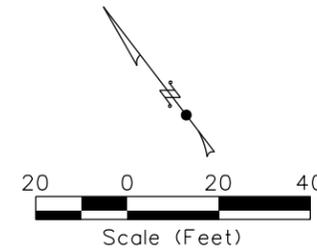
**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 88 OF 118



1/28/2025 F:\Rexburg\01\19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SAN\_PLAN

T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



605-205A	4" Sanitary Sewer Pipe
9 FT	Sta. 35+08, 8' RT. To Sta. 35+08, 16' RT.
1 FT	Sta. 36+08, 7' RT. To Sta. 36+08, 7' RT.
1 FT	Sta. 37+39, 6' RT. To Sta. 37+39, 6' RT.
1 FT	Sta. 37+46, 5' RT. To Sta. 37+46, 5' RT.
1 FT	Sta. 37+67, 5' RT. To Sta. 37+67, 5' RT.
1 FT	Sta. 38+69, 4' RT. To Sta. 38+69, 4' RT.
1 FT	Sta. 38+72, 4' RT. To Sta. 38+72, 4' RT.
23 FT	Sta. 38+86, 4' RT. To Sta. 38+86, 19' LT.
605-210A	6" Sanitary Sewer Pipe
24 FT	Sta. 37+10, 6' RT. To Sta. 37+10, 18' LT.
605-220A	10" Sanitary Sewer Pipe
55 FT	Sta. 35+95, 36' LT. To Sta. 35+95, 7' RT.
605-225A	12" Sanitary Sewer Pipe
113 FT	Sta. 34+80, 8' RT. to Sta. 35+95, 7' RT.
364 FT	Sta. 35+95, 7' RT. to Sta. 39+60, 4' RT.
605-455A	Manhole Type A
1 EACH	Sta. 35+95, 7' RT.
S901-05G	Sanitary Sewer Service Connection
1 EACH	Sta. 35+06, 17' RT.
1 EACH	Sta. 36+08, 1' RT.
1 EACH	Sta. 37+10, 18' RT.
1 EACH	Sta. 37+39, 1' RT.
1 EACH	Sta. 37+46, 1' RT.
1 EACH	Sta. 37+67, 1' RT.
1 EACH	Sta. 37+83, 19' RT.
1 EACH	Sta. 38+69, 1' RT.
1 EACH	Sta. 38+72, 1' RT.
1 EACH	Sta. 38+86, 4' RT.
S901-05I	Connect to Existing Sewer Structure
1 EACH	Sta. 35+70, 36' LT.

Note:  
Location Of Existing Sewer Main And Service Lines In Approximate, Actual Location Must be Field Verified.

- ① Retain And Protect Tree
- ② See Sheet 12 for Sanitary Sewer Service Connection Detail

SE<sup>4</sup> SE<sup>4</sup> SEC. 21

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	
CADD FILE NAME		19622_SAN_PLAN_03.dgn
DRAWING DATE:		OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

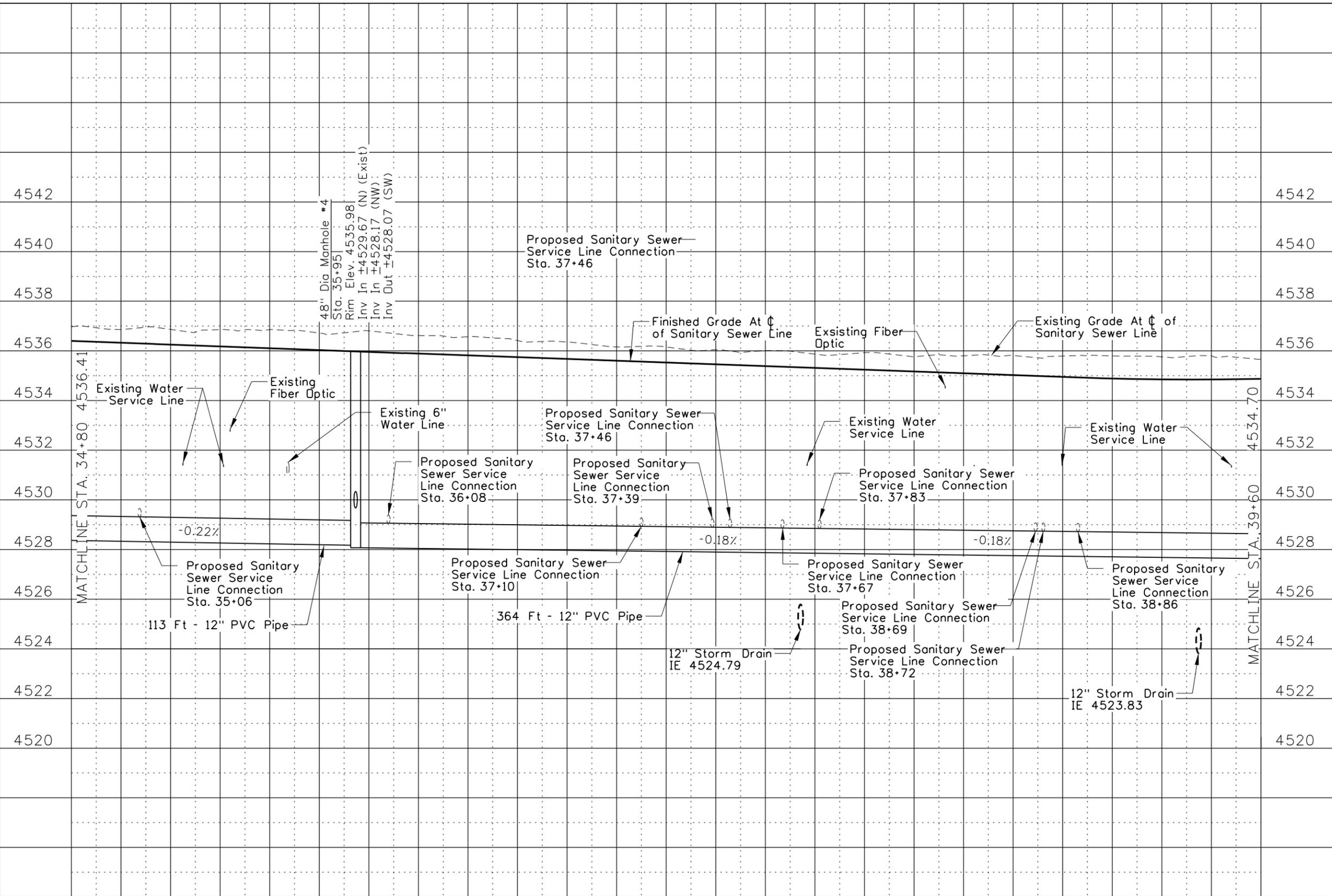
PROJECT NO.	A019(622)
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SANITARY SEWER PLAN	BANNOCK ST., MALAD CITY
	STA. 34+80 TO STA. 39+60

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 89 OF 118



1/28/2025 F:\Rexburg\OldfileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\proj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SAN\_PROFILE



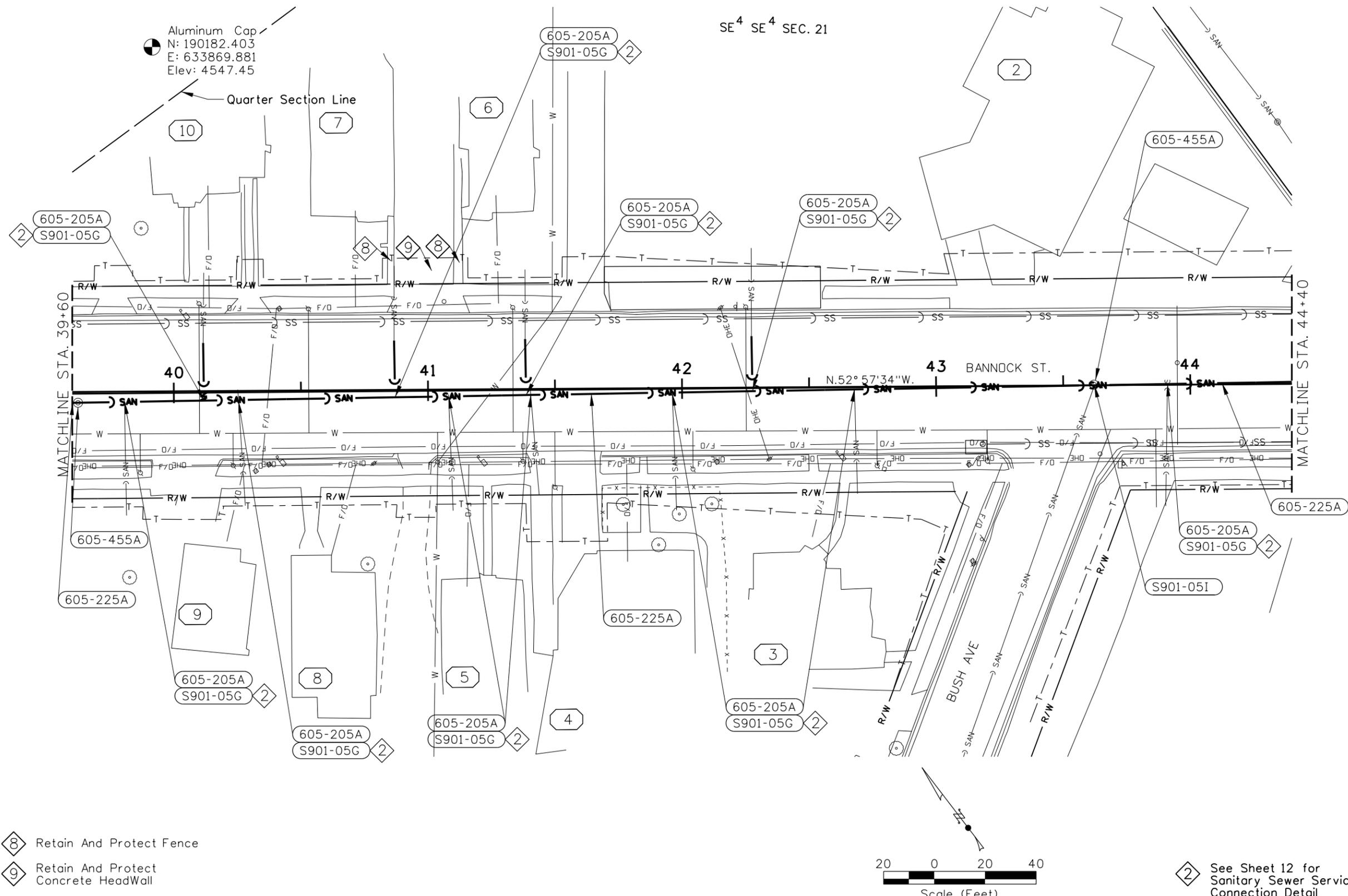
Note:  
 1. Existing Utility Depths Shown IN PProfile Are Approximate. It Is The Contractor's Responsibility To Verify Locations And Elevations During Construction.  
 2. Contractor Shall Provide By Pass Pumping For Duration Of Sewer Structure Construction As Per S904-05B.

<b>REVISIONS</b> NO. DATE BY DESCRIPTION				DESIGNED C. MILLER DESIGN CHECKED K. HARRIS DETAILED M. PALMER DRAWING CHECKED A. BASS	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 19622_SAN_PROFILE_03.dgn DRAWING DATE: OCT 2022	IDAHO TRANSPORTATION DEPARTMENT  FORSGREN Associates Inc.	PROJECT NO. A019(622)	SANITARY SEWER PROFILE BANNOCK ST., MALAD CITY STA. 34+80 TO STA. 39+60	<b>English</b> COUNTY ONEIDA KEY NUMBER 19622 SHEET 90 OF 118	
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1/28/2025 F:\Rexburg\01\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SAN\_PLAN

T.14S., R.36E., B.M.

SE<sup>4</sup> SE<sup>4</sup> SEC. 21



- 605-205A** 4" Sanitary Sewer Pipe
  - 1 FT Sta. 39+80, 3' RT. To Sta. 39+80, 4' RT.
  - 23 FT Sta. 40+12, 3' RT. To Sta. 40+12, 19' LT.
  - 1 FT Sta. 40+25, 3' RT. To Sta. 40+25, 4' RT.
  - 22 FT Sta. 40+87, 2' RT. To Sta. 40+87, 19' LT.
  - 1 FT Sta. 41+08, 2' RT. To Sta. 41+08, 3' RT.
  - 22 FT Sta. 41+38, 2' RT. To Sta. 41+38, 20' LT.
  - 1 FT Sta. 41+40, 2' RT. To Sta. 41+40, 3' RT.
  - 1 FT Sta. 41+96, 1' RT. To Sta. 41+96, 2' RT.
  - 22 FT Sta. 42+28, 1' RT. To Sta. 42+28, 20' LT.
  - 1 FT Sta. 42+68, 1' RT. To Sta. 42+68, 2' RT.
  - 1 FT Sta. 43+91, 0.25' LT. To Sta. 43+91, 0.75' RT.
- 605-225A** 12" Sanitary Sewer Pipe
  - 1 FT Sta. 39+60, 4' RT. to Sta. 39+62, 4' RT.
  - 396 FT Sta. 39+62, 4' RT to Sta. 43+62, 2' LT.
  - 76 FT Sta. 43+62, 2' LT. to Sta. 44+40, 1' LT.
- 605-455A** Manhole Type A
  - 1 EACH Sta. 39+62, 4' RT.
  - 1 EACH Sta. 43+63, 2' LT.
- S901-05G** Sanitary Sewer Service Connection
  - 1 EACH Sta. 39+80, 4' RT.
  - 1 EACH Sta. 40+12, 19' LT.
  - 1 EACH Sta. 40+25, 4' RT.
  - 1 EACH Sta. 40+87, 19' LT.
  - 1 EACH Sta. 41+08, 3' RT.
  - 1 EACH Sta. 41+38, 20' LT.
  - 1 EACH Sta. 41+40, 3' RT.
  - 1 EACH Sta. 41+96, 3' RT.
  - 1 EACH Sta. 42+28, 20' LT.
  - 1 EACH Sta. 42+68, 2' RT.
  - 1 EACH Sta. 43+91, 0.25' LT.
- S901-05I** Connect to Existing Sewer Structure
  - 1 EACH Sta. 43+62, 0'.

Note:  
Location Of Existing Sewer Main And Service Lines In Approximate, Actual Location Must Be Field Verified.

- 8 Retain And Protect Fence
- 9 Retain And Protect Concrete HeadWall



2 See Sheet 12 for Sanitary Sewer Service Connection Detail

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_SAN\_PLAN\_04.dgn  
 DRAWING DATE: OCT 2022

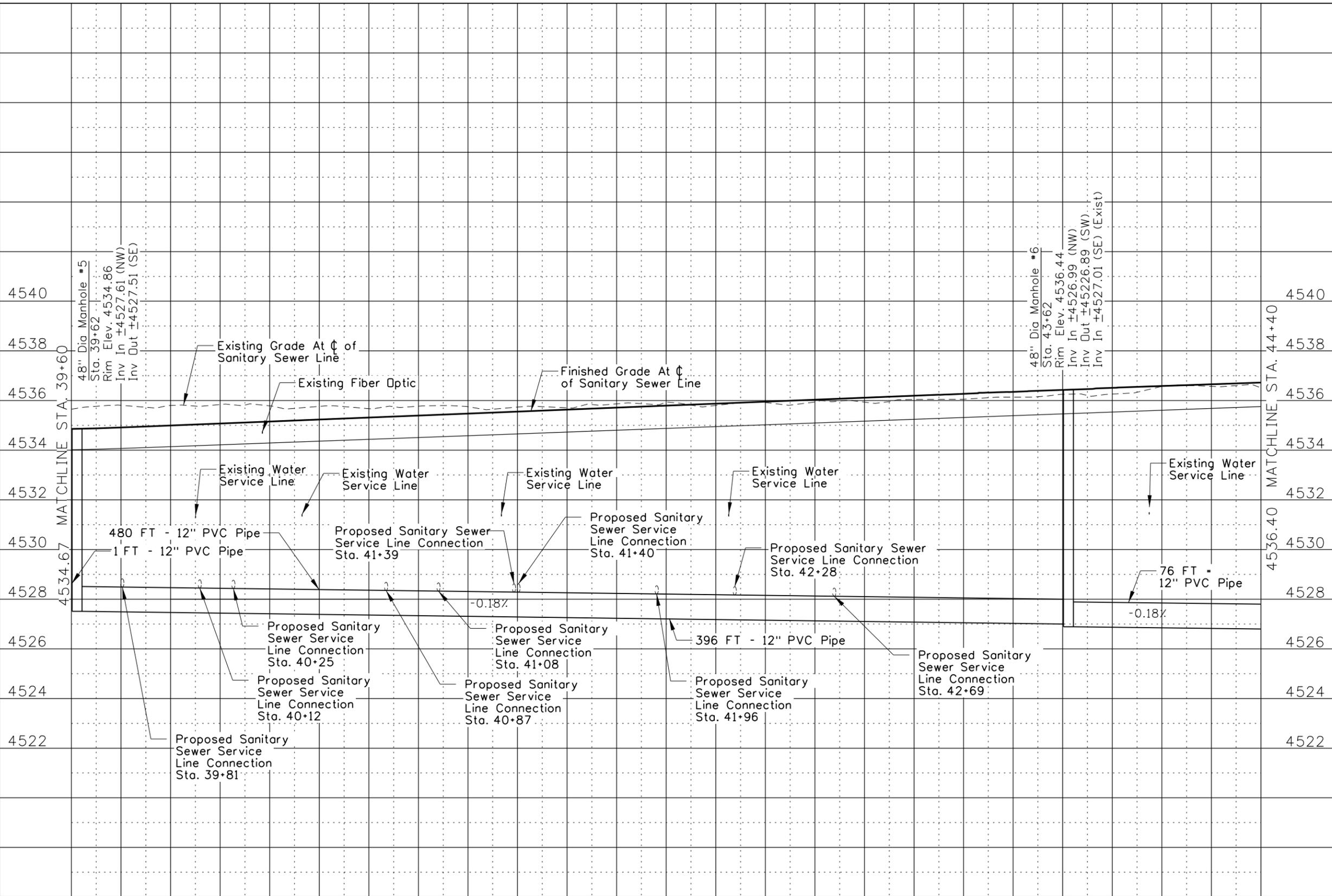
**IDAHO TRANSPORTATION DEPARTMENT**  
  
 FORSGREN Associates Inc.

PROJECT NO.	A019(622)	SANITARY SEWER PLAN	BANNOCK ST., MALAD CITY STA. 39+60 TO STA. 44+40
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**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 91 OF 118



1/28/2025 F:\Rexburg\OldfileStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\proj19622\Project\_Development\Plan\_Sheets\Sanitary & Storm Sewer\19622\_SAN\_PROFILE



MATCHLINE STA. 39+60, MATCHLINE STA. 44+40, 4536.40

Note:  
 1. Existing Utility Depths Shown In Profile Are Approximate. It Is The Contractor's Responsibility To Verify Locations And Elevations During Construction.  
 2. Contractor Shall Provide By Pass Pumping For Duration Of Sewer Structure Construction As Per S904-05B.

40	41	42	43	44
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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_SAN_PROFILE_04.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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SANITARY SEWER PROFILE	BANNOCK ST., MALAD CITY
	STA. 39+60 TO STA. 44+40

<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 92 OF 118

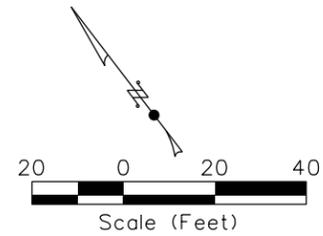


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T.14S., R.36E., B.M.

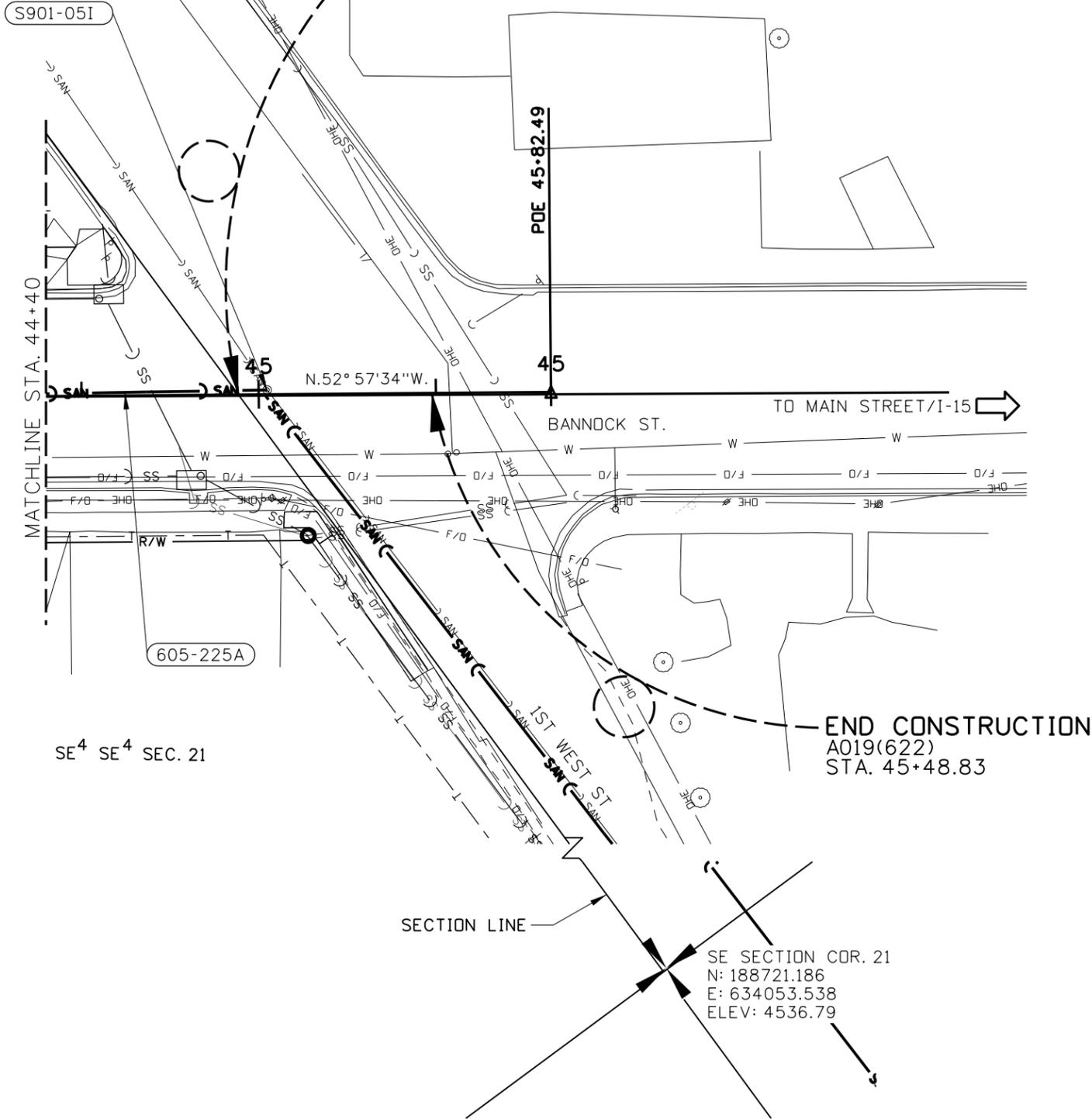
**END PROJECT**  
 A019(622)  
 STA. 44+94.21  
 Match Existing Bannock Street  
 N: 189770.550  
 E: 634086.634

SW<sup>4</sup> SW<sup>4</sup> SEC. 22



(605-225A) 12" Sanitary Sewer Pipe  
 62 FT Sta. 44+40, 1' LT. To  
 Sta. 45+02, 1' LT.

(S901-05I) Connect to Existing  
 Sewer Structure  
 1 EACH Sta. 45+02, 2' LT.



Note:  
 Location Of Existing Sewer Main  
 And Service Lines In Approximate,  
 Actual Location Must Be Field Verified.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS

SCALES SHOWN  
 ARE FOR 11" X 17"  
 PRINTS ONLY

CADD FILE NAME  
 19622\_SAN\_PLAN\_05.dgn

DRAWING DATE:  
 OCT 2022

**IDAHO  
 TRANSPORTATION  
 DEPARTMENT**

FORSGREN *Associates Inc.*

PROJECT NO.  
 A019(622)

SANITARY SEWER PLAN  
 BANNOCK ST., MALAD CITY  
 STA. 44+40 TO STA. 45+48.83

**English**

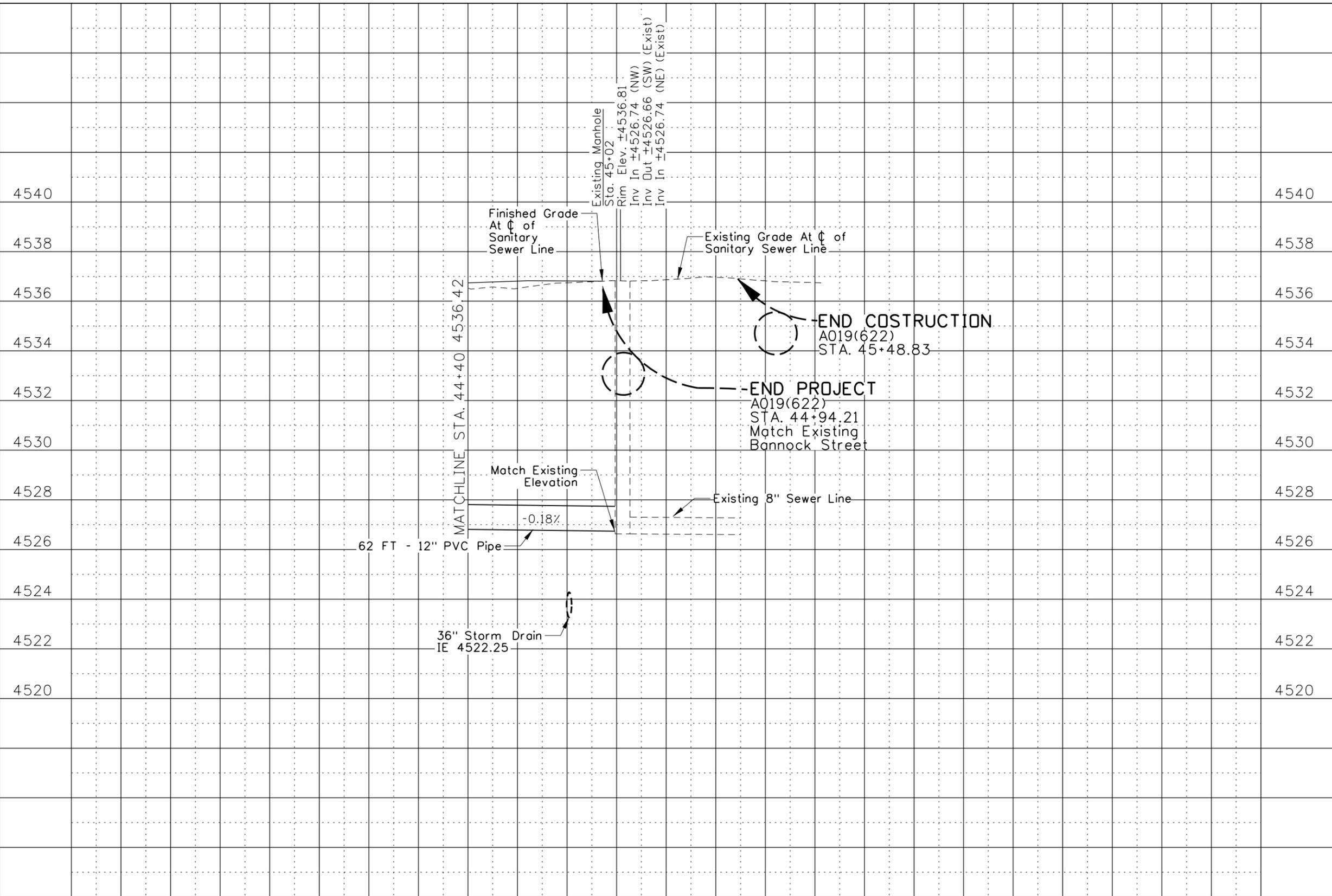
COUNTY ONEIDA

KEY NUMBER 19622

SHEET 93 OF 118



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Note:  
 1. Existing Utility Depths Shown In Profile Are Approximate.  
 2. Contractor Shall Provide By-Pass Pumping For Duration Of Sewer Structure Construction.

45 46

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. PALMER  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 19622\_SAN\_PROFILE\_05.dgn  
 DRAWING DATE: OCT 2022



PROJECT NO.  
 A019(622)

SANITARY SEWER PROFILE  
 BANNOCK ST., MALAD CITY  
 STA. 44+40 TO STA. 45+48.83

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 19622  
 SHEET 94 OF 118

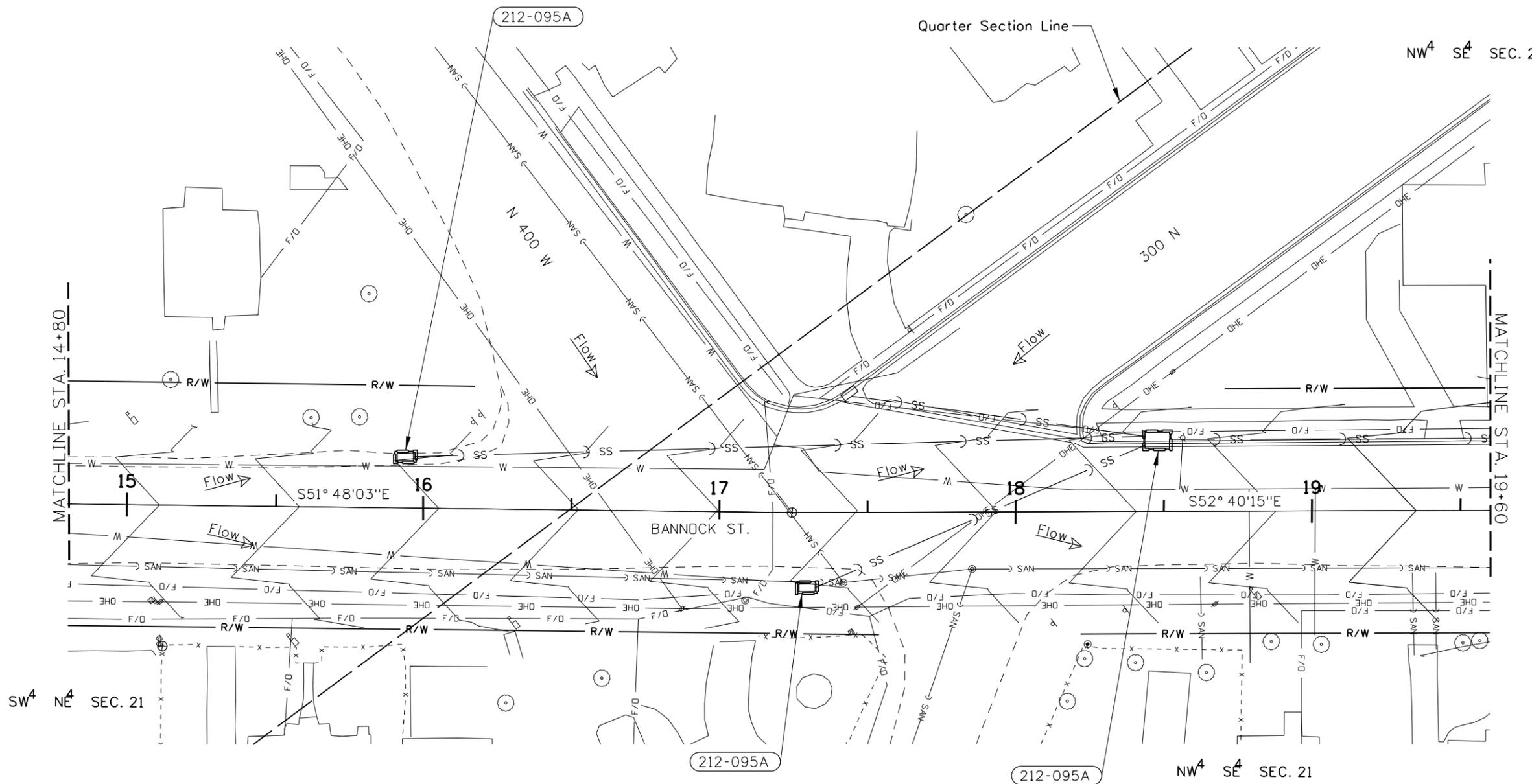


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T.14S., R.36E., B.M.

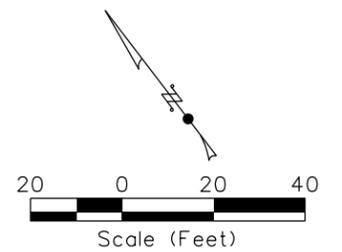
SW<sup>4</sup> NE<sup>4</sup> SEC. 21

212-095A Inlet Protection  
 1 EACH Sta. 15+94, 16' LT.  
 1 EACH Sta. 17+30, 24' RT.  
 1 EACH Sta. 18+48, 24' LT.



**LEGEND**  
 Direction Of Flow  
 Inlet Protection Using Fiber Wattle

Note:  
 One Additional Inlet Protection  
 Has Been Added to  
 Accomodate Any Open Pipe  
 During Demolition.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER  
 DESIGN CHECKED K. HARRIS  
 DETAILED M. SOUTHWICK  
 DRAWING CHECKED A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME 23901\_ERDS\_01.dgn  
 DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.  
 A023(901)

POLLUTION PREVENTION PLAN  
 BANNOCK ST., SIDEWALKS  
 TAP GRANT  
 STA. 14+80 TO STA. 19+60

**English**  
 COUNTY ONEIDA  
 KEY NUMBER 23901  
 SHEET 95 OF 118

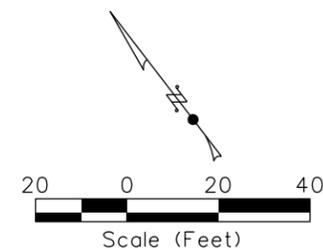
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T.14S., R.36E., B.M.

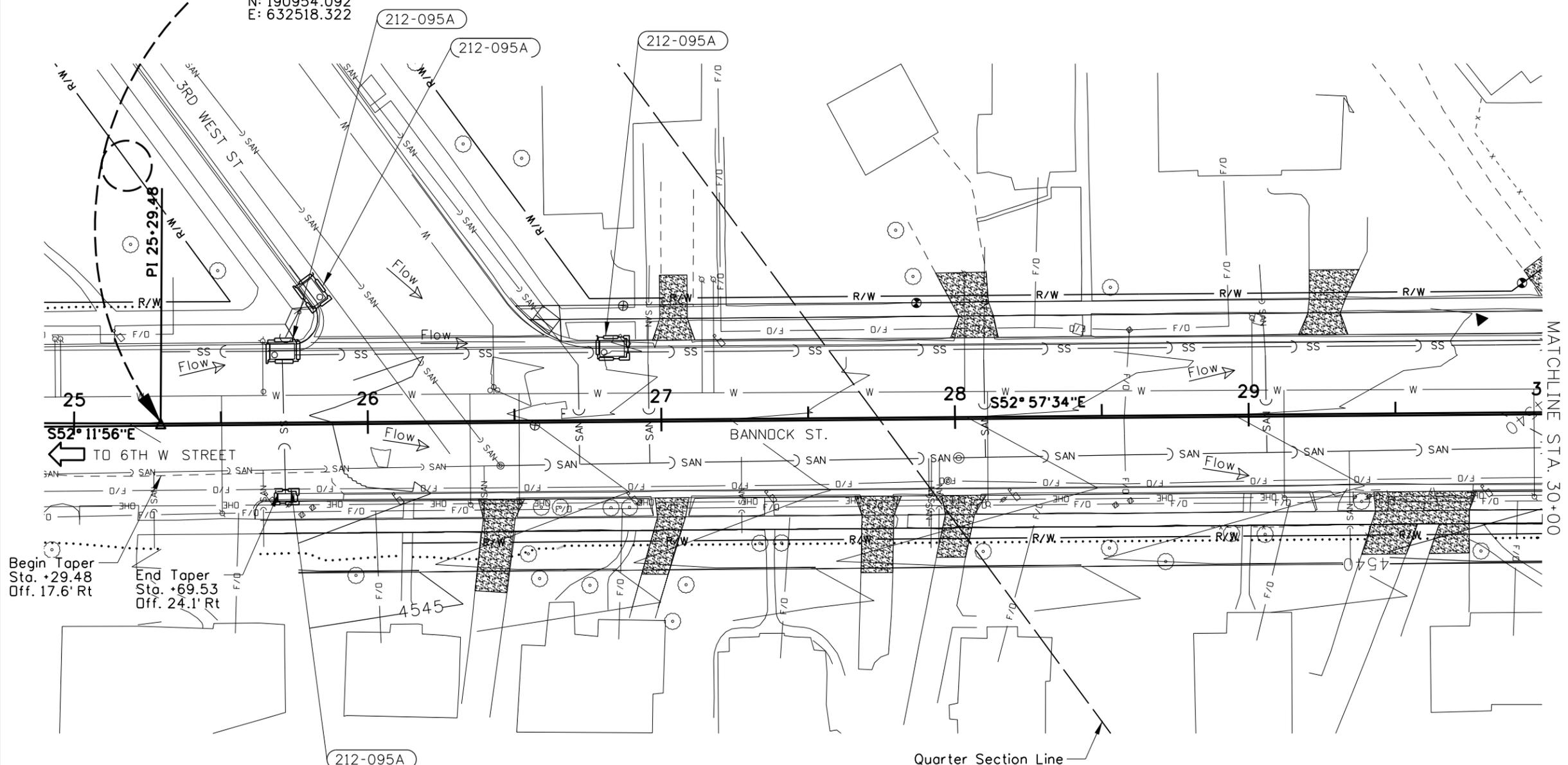
NW<sup>4</sup> SE<sup>4</sup> SEC. 21

NE<sup>4</sup> SE<sup>4</sup> SEC. 21

**BEGIN PROJECT  
BEGIN CONSTRUCTION**  
A019(622)  
STA. 25+29.48  
Match Existing Bannock Street  
N: 190954.092  
E: 632518.322



212-095A	Inlet Protection
1 EACH	Sta. 25+71, 44' Lt
1 EACH	Sta. 25+72, 24' Rt
1 EACH	Sta. 25+81, 44' Lt
1 EACH	Sta. 26+83, 24' Lt



**LEGEND**  
 Direction Of Flow  
 Inlet Protection

Note:  
One Additional Inlet Protection  
Has Been Added to  
Accomodate Any Open Pipe  
During Demolition.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_ERDS_001.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO  
TRANSPORTATION  
DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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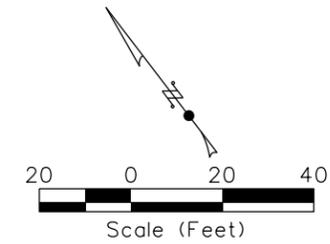
POLLUTION PREVENTION PLAN	BANNOCK ST., MALAD CITY STA. 25+29.48 TO STA. 30+00
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 96 OF 118

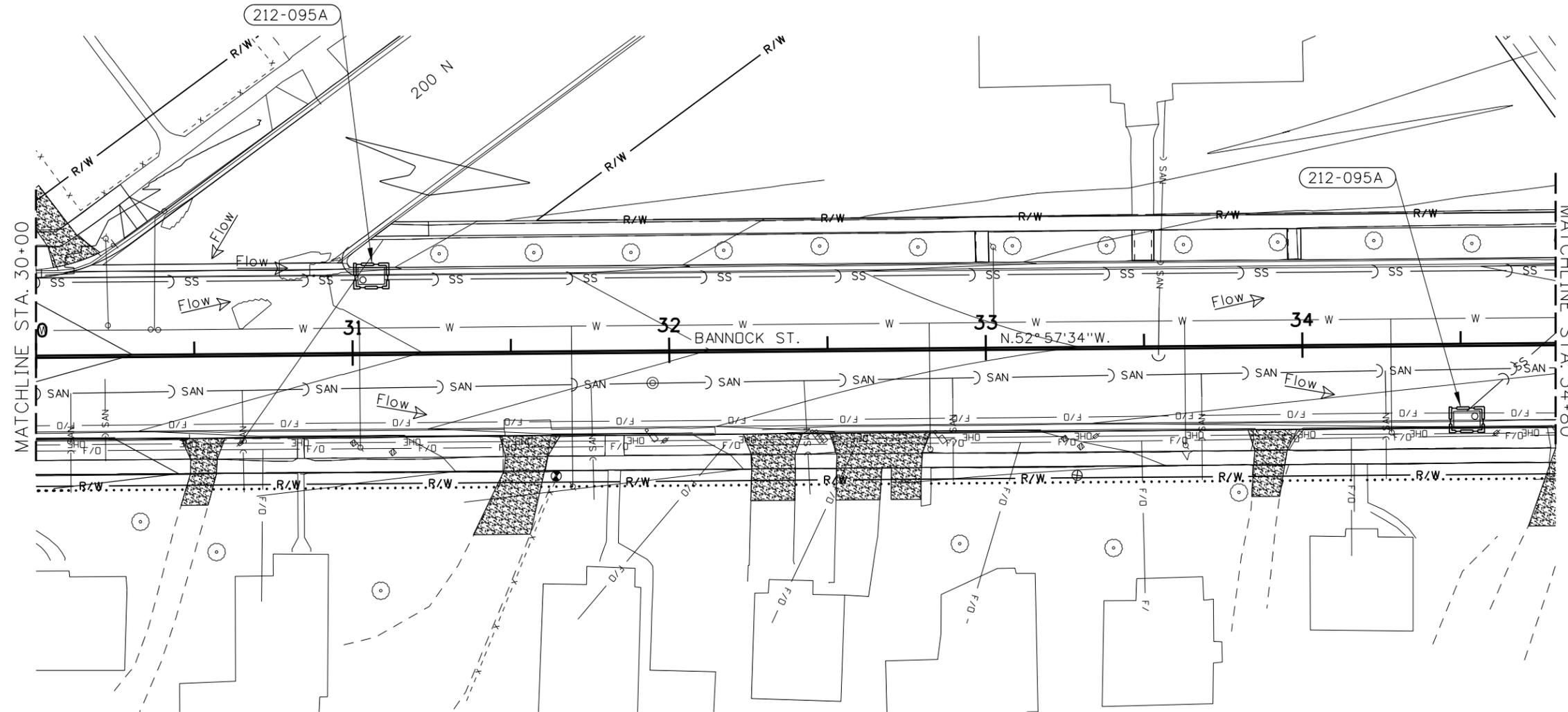


T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



212-095A Inlet Protection  
 1 EACH Sta. 31+06, 24' Lt  
 1 EACH Sta. 34+52, 24' Rt



**LEGEND**  
 Direction Of Flow  
 Inlet Protection

1/28/2025 F:\Rexburg\01ofFiles\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\ENV\19622\_ERDS\_002.dgn

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_ERDS_002.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO  
TRANSPORTATION  
DEPARTMENT**



FORSGREN *Associates Inc.*

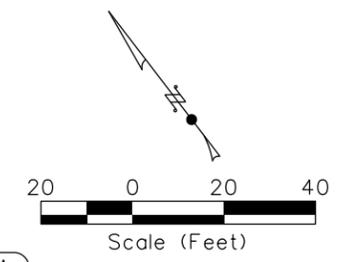
PROJECT NO.	A019(622)
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POLLUTION PREVENTION PLAN	BANNOCK ST., MALAD CITY STA. 30+00 TO STA. 34+80
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 97 OF 118

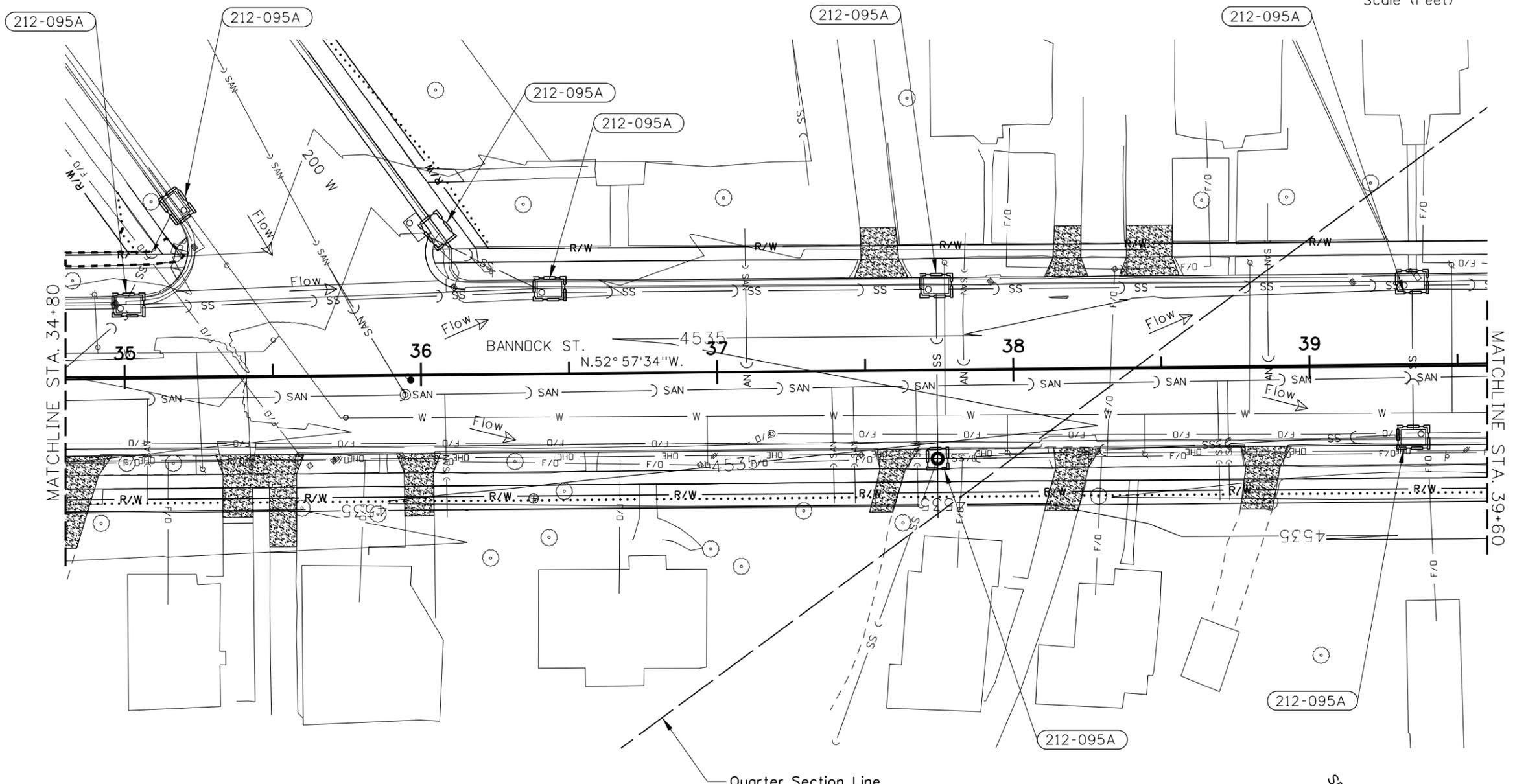
T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



212-095A Inlet Protection

- 1 EACH Sta. 35+01, 24' Lt
- 1 EACH Sta. 35+18, 57' Lt
- 1 EACH Sta. 36+06, 49' Lt
- 1 EACH Sta. 36+44, 29' Lt
- 1 EACH Sta. 37+74, 29' Lt
- 1 EACH Sta. 37+74, 30' Rt
- 1 EACH Sta. 39+35, 29' Lt
- 1 EACH Sta. 39+35, 24' Rt



**LEGEND**

- ← Direction Of Flow
- Inlet Protection

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_ERDS_003.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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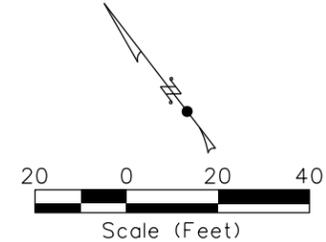
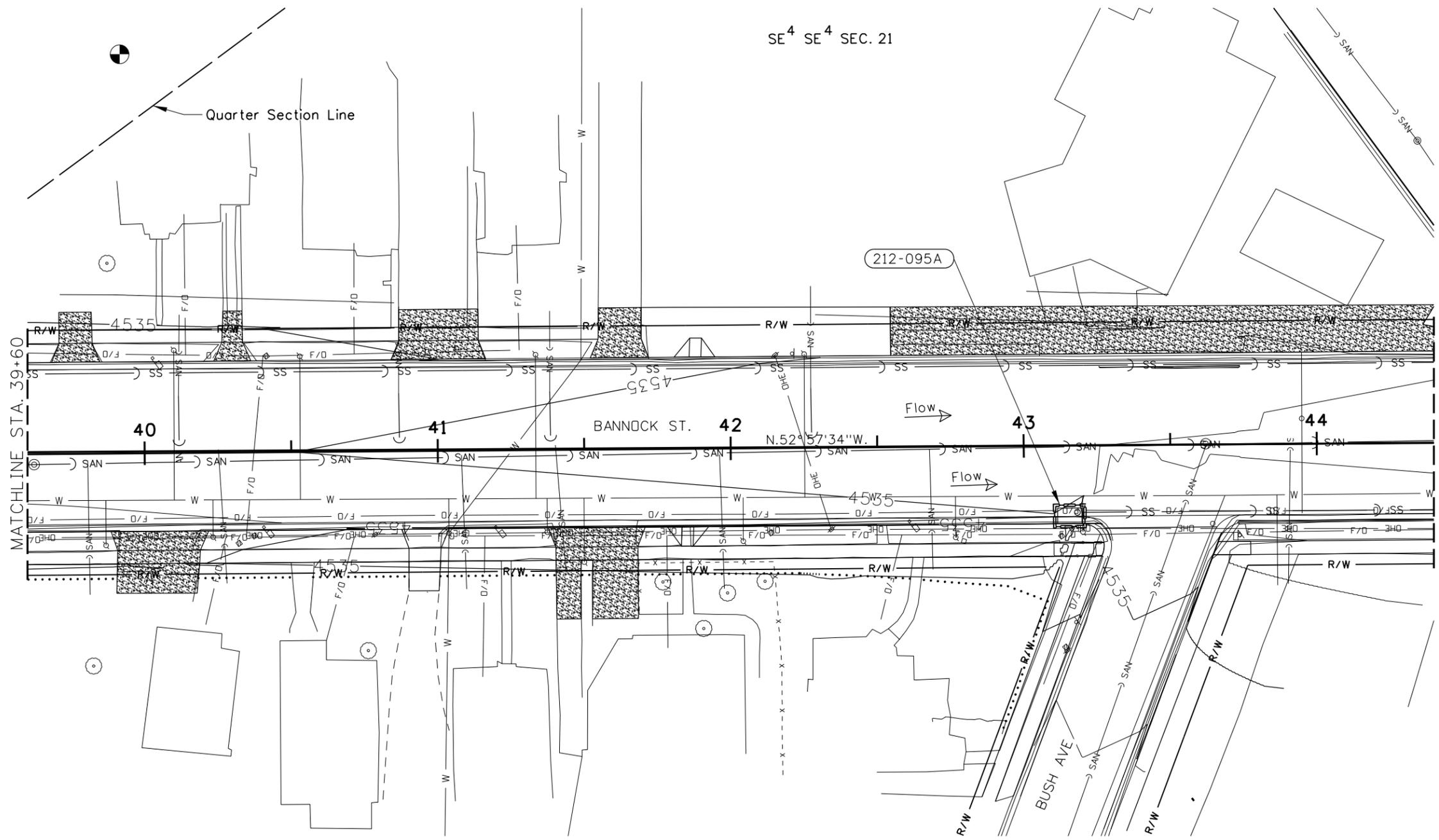
POLLUTION PREVENTION PLAN	
BANNOCK ST., MALAD CITY	
STA. 34+80 TO STA. 39+60	

<b>English</b>	
COUNTY	ONEIDA
KEY NUMBER	19622
SHEET	98 OF 118

T.14S., R.36E., B.M.

SE<sup>4</sup> SE<sup>4</sup> SEC. 21

212-095A Inlet Protection  
1 EACH Sta. 43+16, 24' Rt



1/28/2025 F:\Rexburg\01ofFiles\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\ENV\19622\_ERDS\_004.dgn

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_ERDS_004.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**  
  
 FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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POLLUTION PREVENTION PLAN	BANNOCK ST., MALAD CITY STA. 39+60 TO STA. 44+40
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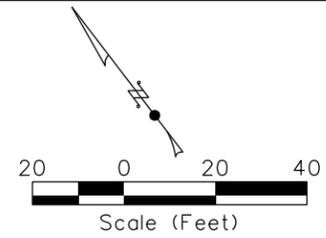
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COUNTY ONEIDA
KEY NUMBER 19622
SHEET 99 OF 118

PROFESSIONAL ENGINEER  
 LICENSED JUNE  
*Camille Miller*  
**17891**  
 12-22-2022  
 STATE OF IDAHO  
 CAMILLE MILLER

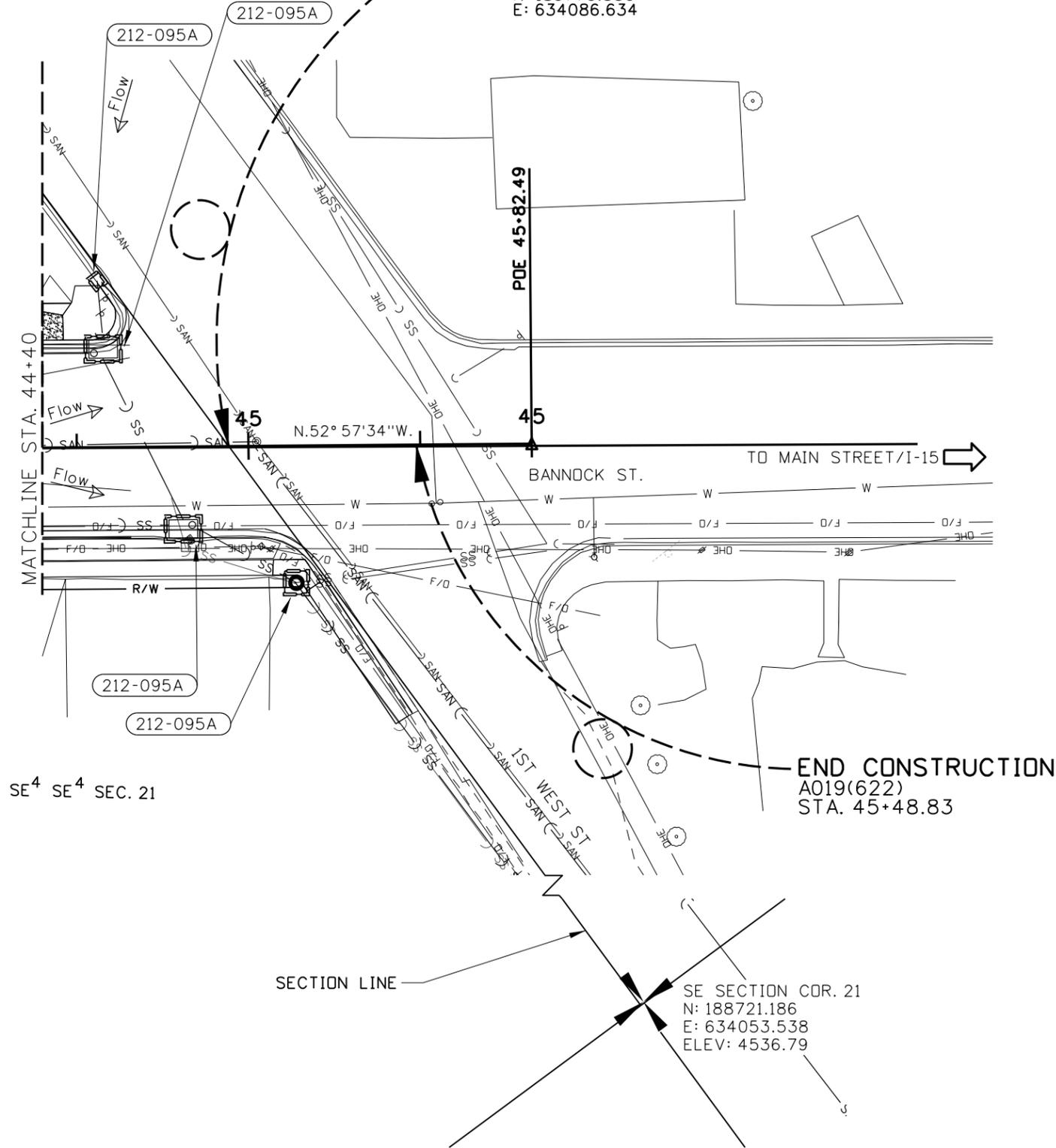
T.14S., R.36E., B.M.

**END PROJECT**  
 A019(622)  
 STA. 44+94.21  
 Match Existing Bannock Street  
 N: 189770.550  
 E: 634086.634

SW<sup>4</sup> SW<sup>4</sup> SEC. 22



- 212-095A Inlet Protection
- 1 EACH Sta. 44+56, 48' Lt
  - 1 EACH Sta. 44+58, 29' Rt
  - 1 EACH Sta. 44+85, 24' Lt
  - 1 EACH Sta. 45+14, 40' Lt



SE<sup>4</sup> SE<sup>4</sup> SEC. 21

**END CONSTRUCTION**  
 A019(622)  
 STA. 45+48.83

SECTION LINE  
 SE SECTION COR. 21  
 N: 188721.186  
 E: 634053.538  
 ELEV: 4536.79

**LEGEND**

- Direction Of Flow
- Inlet Protection

1/28/2025 F:\Rexburg\01ofFiles\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\ENV\19622\_ERDS\_005.dgn

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_ERDS_005.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO  
TRANSPORTATION  
DEPARTMENT**

FORSGREN *Associates Inc.*

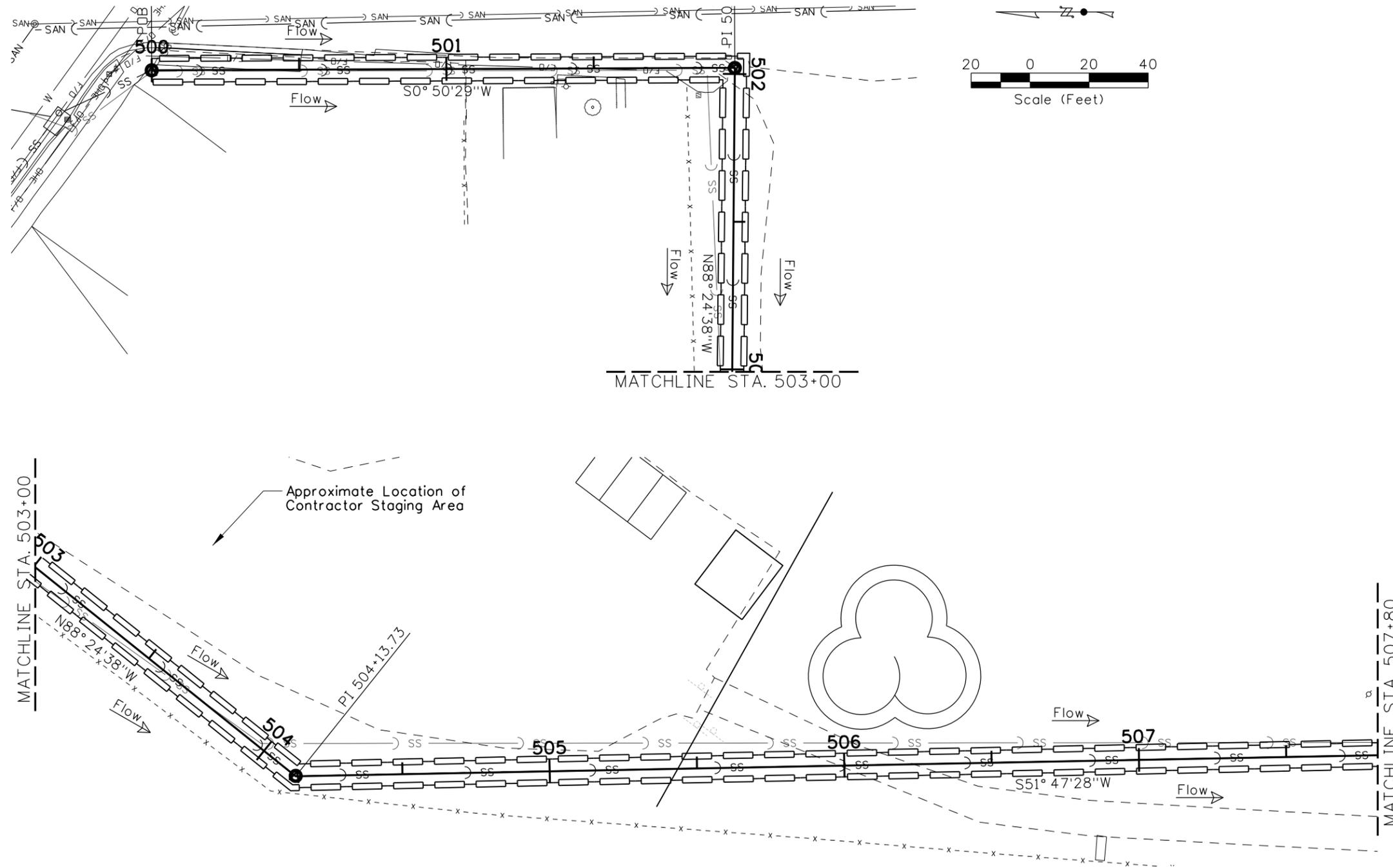
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POLLUTION PREVENTION PLAN	BANNOCK ST., MALAD CITY STA. 44+40 TO STA. 45+48.83
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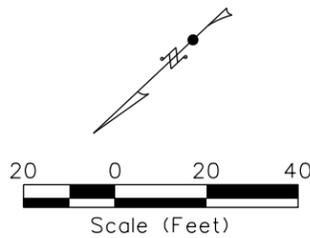
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COUNTY ONEIDA
KEY NUMBER 19622
SHEET 100 OF 118



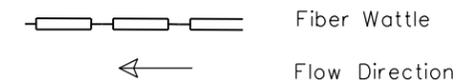
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212-011A Fiber Wattle	
310 LF	Sta. 500+00 To Sta. 503+00 Lt.
290 LF	Sta. 500+00 To Sta. 503+00 Rt.
482 LF	Sta. 503+00 To Sta. 507+80 Lt.
479 LF	Sta. 503+00 To Sta. 507+80 Rt.



**LEGEND**



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_ERDS_006.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

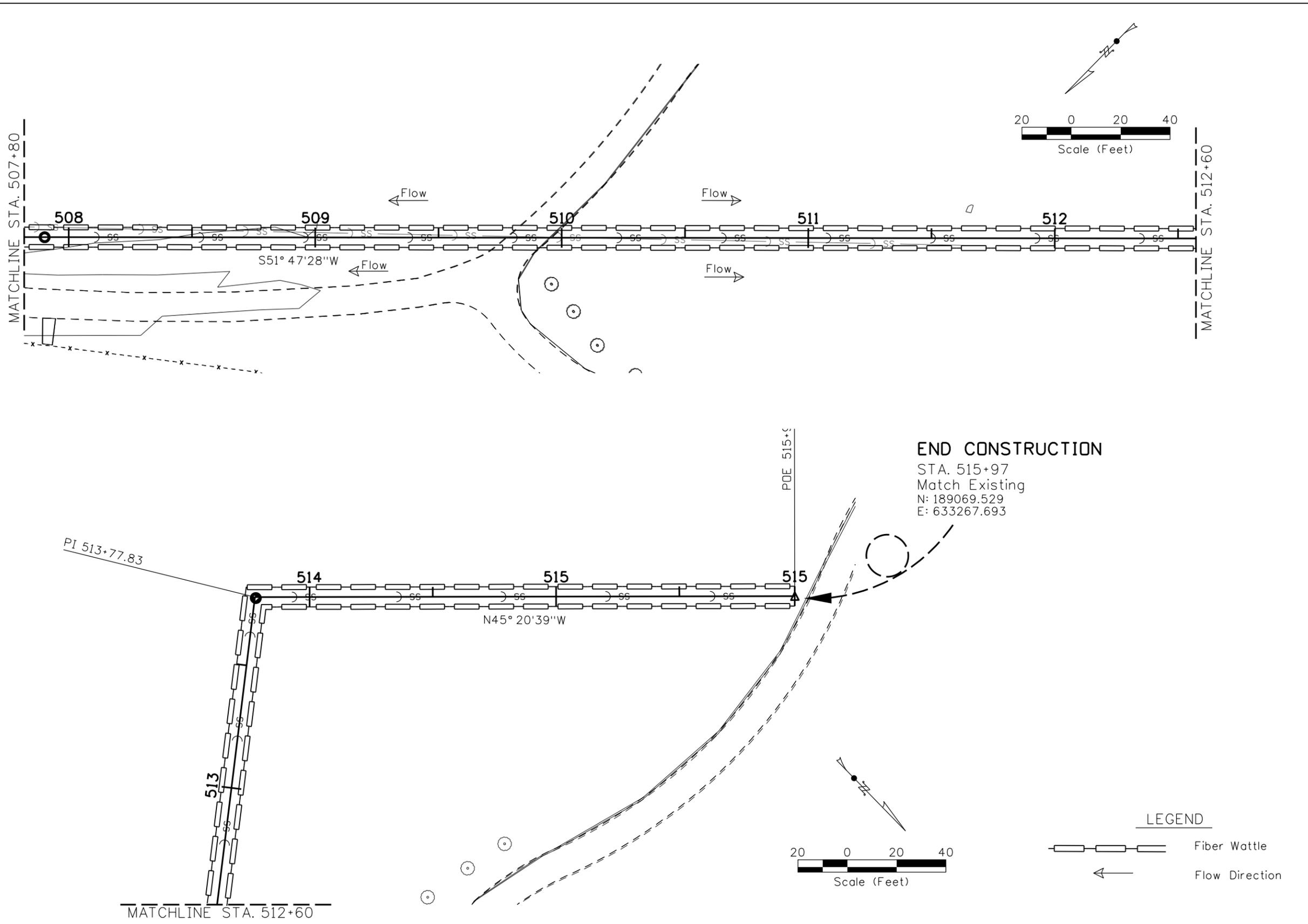
PROJECT NO.	A019(622)
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POLLUTION PREVENTION PLAN	<b>English</b>
BANNOCK ST., MALAD CITY	COUNTY ONEIDA
STA. 500+00 TO STA. 507+80	KEY NUMBER 19622
	SHEET 101 OF 118

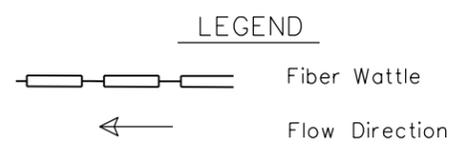
<b>English</b>	
COUNTY	ONEIDA
KEY NUMBER	19622
SHEET	101 OF 118



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212-011A	Fiber Wattle
475 LF	Sta. 507+80 To Sta. 512+60 Lt.
475 LF	Sta. 507+80 To Sta. 512+60 Rt.
353 LF	Sta. 512+60 To Sta. 515+97 Lt.
335 LF	Sta. 512+60 To Sta. 515+97 Rt.



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: 19622\_ERDS\_007.dgn

DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN *Associates Inc.*

PROJECT NO.	A019(622)
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POLLUTION PREVENTION PLAN	BANNOCK ST., MALAD CITY
	STA. 44+40 TO STA. 45+48.83

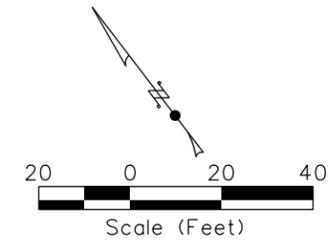
<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 102 OF 118



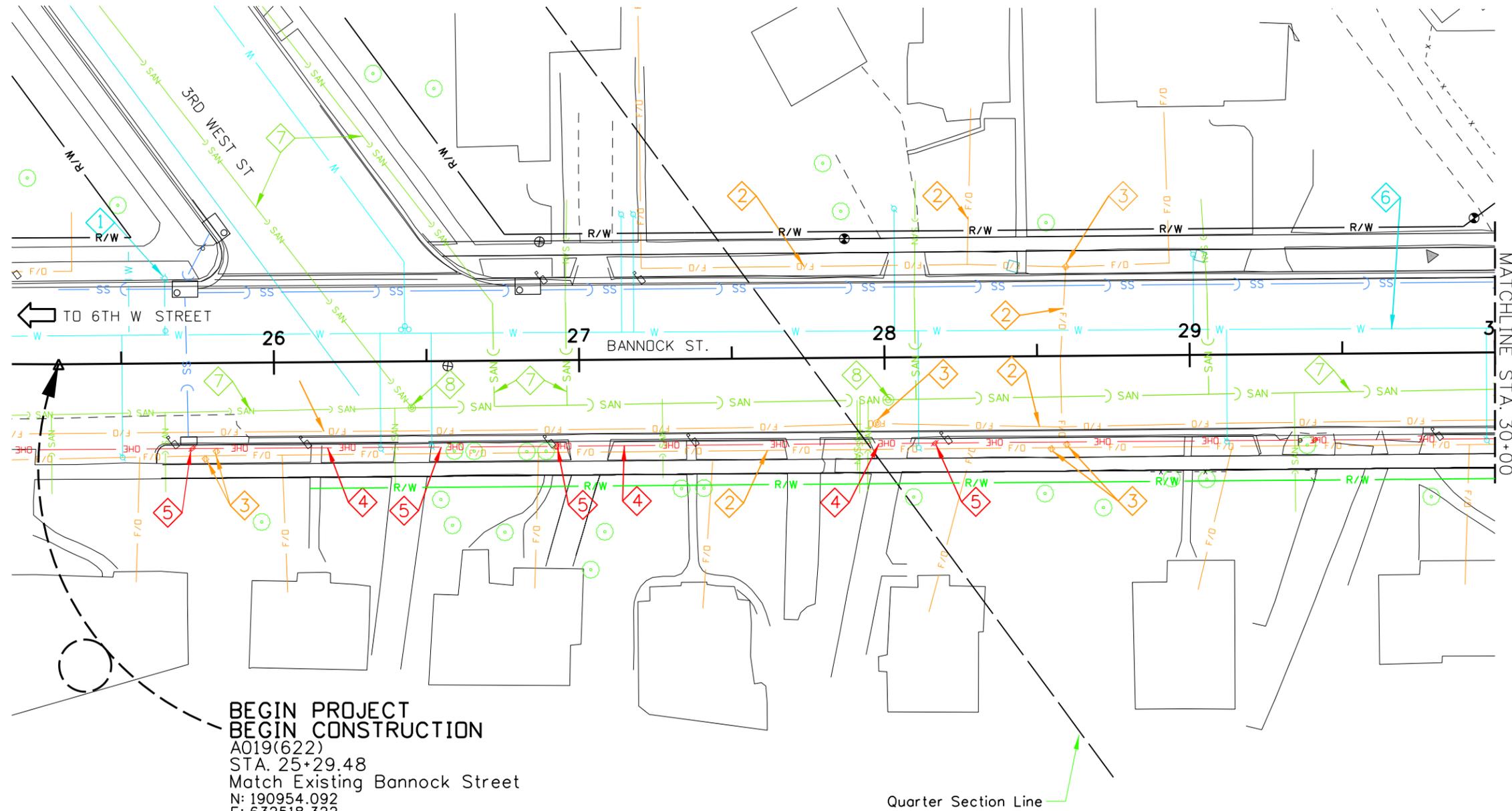
T.14S., R.36E., B.M.

NW<sup>4</sup> SE<sup>4</sup> SEC. 21

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



- ① Retain and Protect Fire Hydrant
- ② Retain And Protect Telephone & Fiber Optic Line (Depth Varies)
- ③ Retain And Protect Telephone Pedestal & Fiber Optic Vault
- ④ Retain And Protect Overhead Electric Line
- ⑤ Retain And Protect Overhead Power Pole
- ⑥ Retain And Protect Water Line
- ⑦ Retian And Protect Sanitary Sewer Line
- ⑧ Retain And Protect Sanitary Sewer Manhole



MATCHLINE STA. 30+00

← TO 6TH W STREET

**BEGIN PROJECT  
BEGIN CONSTRUCTION**  
A019(622)  
STA. 25+29.48  
Match Existing Bannock Street  
N: 190954.092  
E: 632518.322

Note:  
Refer To Sanitary Sewer And Storm  
Sewer Drawings For Construction.

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	
CADD FILE NAME 19622_UTIL_01.dgn		DRAWING DATE: OCT 2022

**IDAHO  
TRANSPORTATION  
DEPARTMENT**

FORSGREN *Associates Inc.*

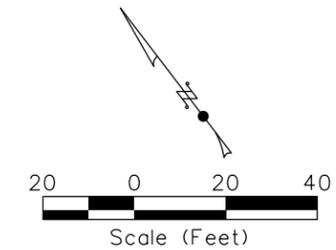
PROJECT NO.	A019(622)
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UTILITY PLAN	<b>BANNOCK STREET, MALAD CITY</b> STA. 25+29.48 TO STA. 30+00
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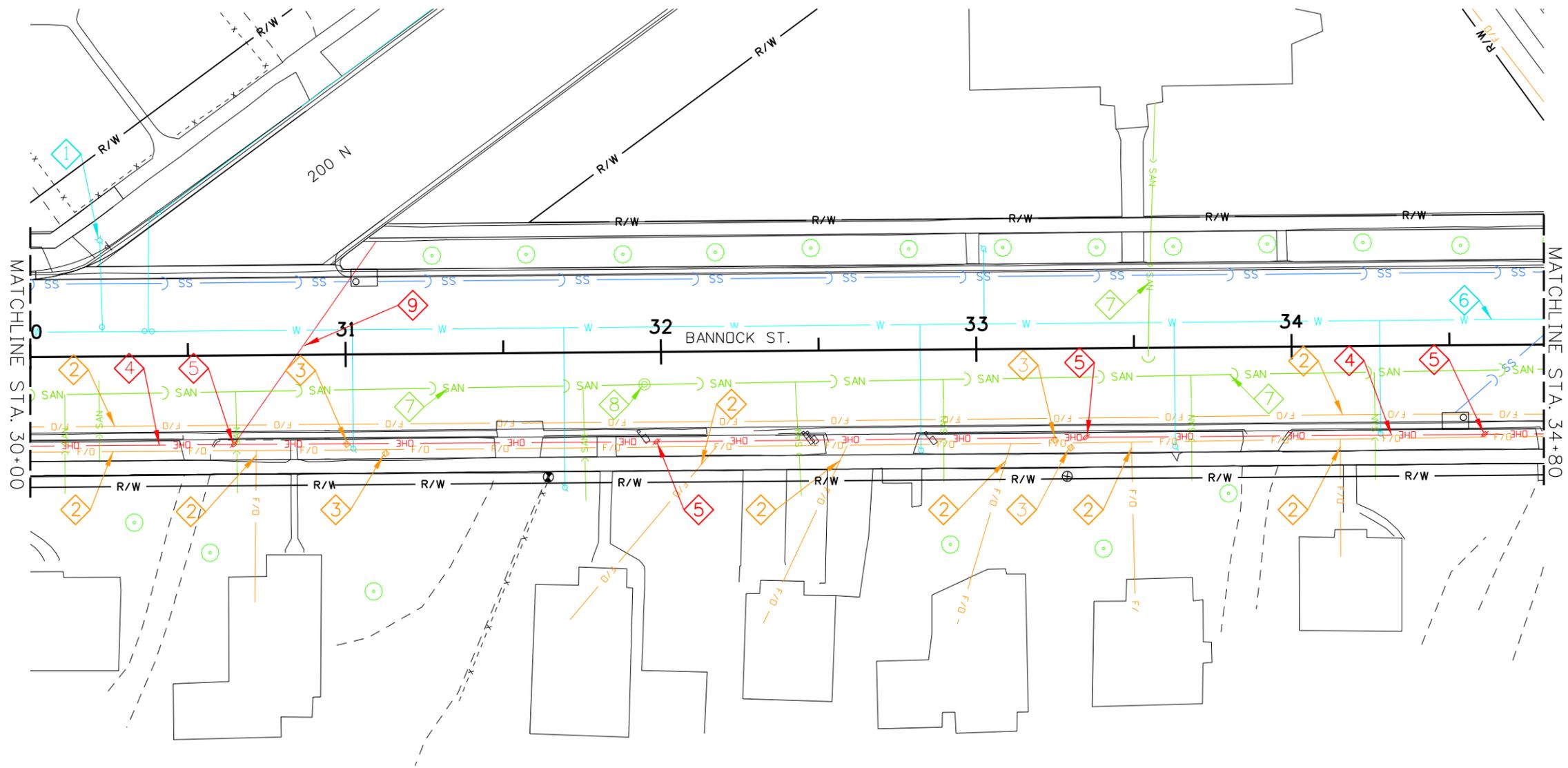
<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 103 OF 118

T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



- ① Retain and Protect Fire Hydrant
- ② Retain And Protect Telephone & Fiber Optic Line (Depth Varies)
- ③ Retain And Protect Telephone Pedestal & Fiber Optic Vault
- ④ Retain And Protect Overhead Electric Line
- ⑤ Retain And Protect Overhead Power Pole
- ⑥ Retain and Protect Water Line
- ⑦ Retian And Protect Sanitary Sewer Line
- ⑧ Retain And Protect Sanitary Sewer Manhole
- ⑨ Retain and Protect High Voltage (7200V) Overhead Primary Line



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1/28/2025

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 19622\_UTIL\_02.dgn

DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO. A019(622)

UTILITY PLAN

**BANNOCK STREET, MALAD CITY**

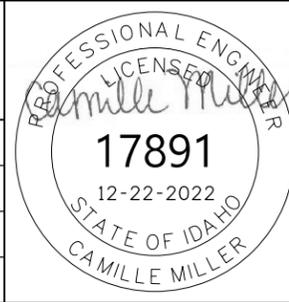
STA. 30+00 TO STA. 34+80

**English**

COUNTY ONEIDA

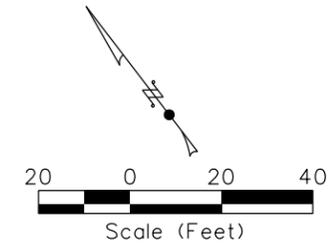
KEY NUMBER 19622

SHEET 104 OF 118

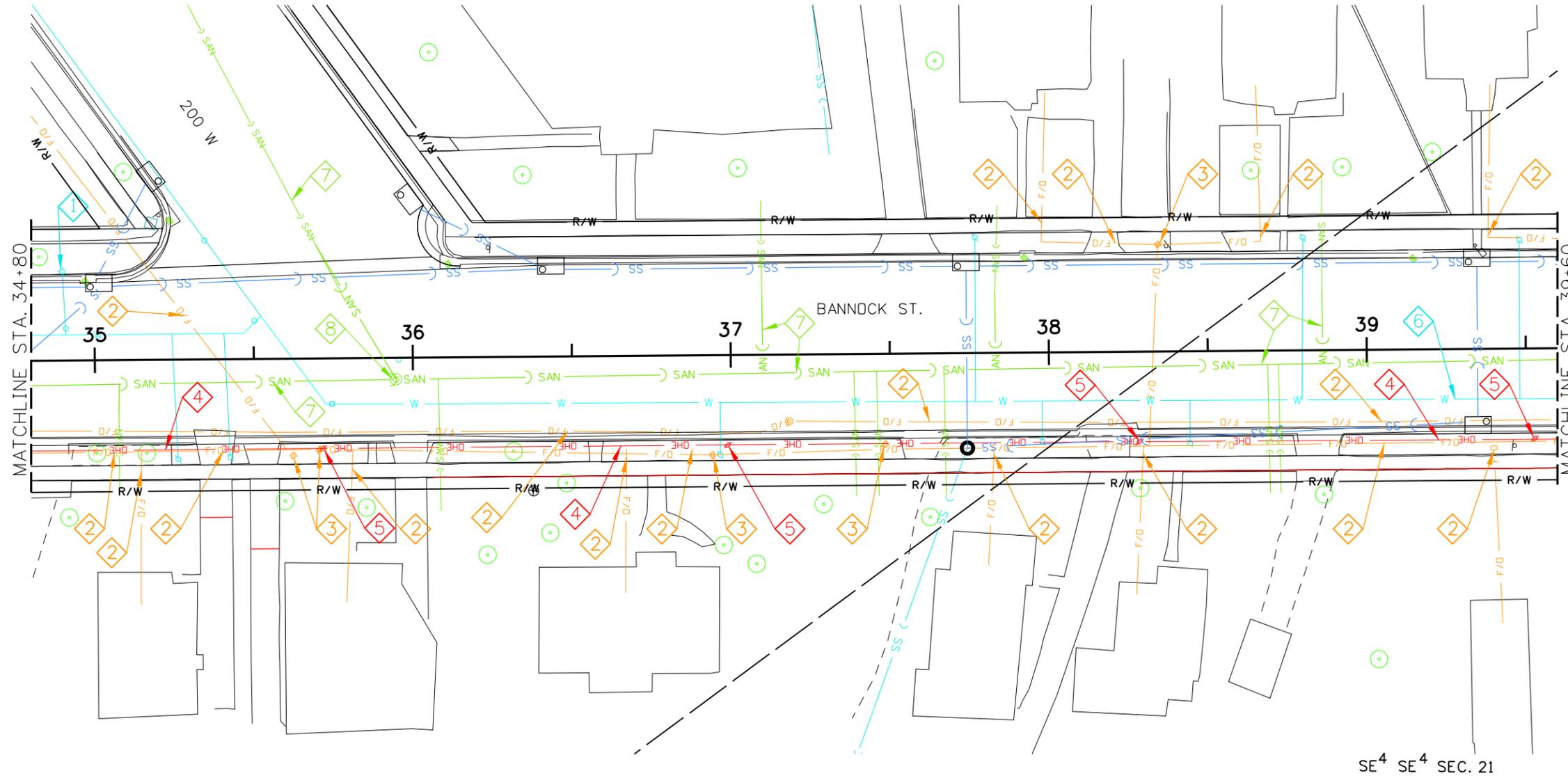


T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



- ① Retain and Protect Fire Hydrant
- ② Retain And Protect Telephone & Fiber Optic Line (Depth Varies)
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- ④ Retain And Protect Overhead Electric Line
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- ⑥ Retain And Protect Water Line
- ⑦ Retian And Protect Sanitary Sewer Line
- ⑧ Retian And Protect Sanitary Sewer Manhole



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1/28/2025

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME  
19622\_UTIL\_03.dgn

DRAWING DATE:  
OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.  
  
A019(622)

UTILITY PLAN  
**BANNOCK STREET, MALAD CITY**  
STA. 34+80 TO STA. 39+60

**English**

COUNTY ONEIDA

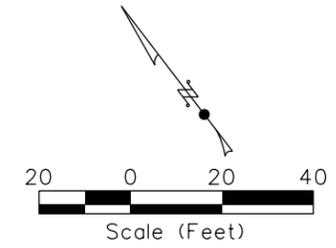
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SHEET 105 OF 118

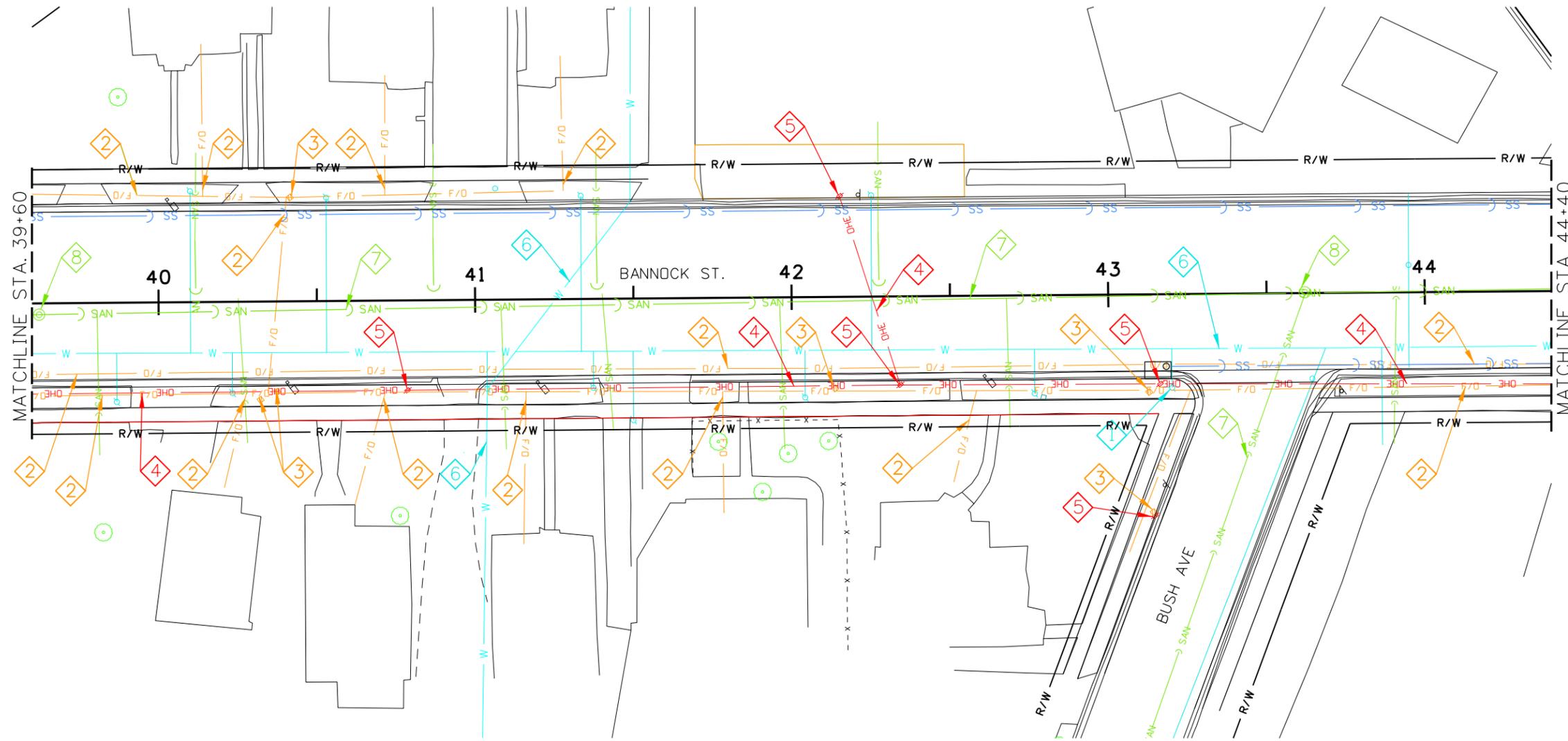


T.14S., R.36E., B.M.

SE<sup>4</sup> SE<sup>4</sup> SEC. 21



- ① Retain and Protect Fire Hydrant
- ② Retain And Protect Telephone & Fiber Optic Line (Depth Varies)
- ③ Retain And Protect Telephone Pedestal & Fiber Optic Vault
- ④ Retain And Protect Overhead Electric Line
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- ⑦ Retian And Protect Sanitary Sewer Line
- ⑧ Retain And Protect Sanitary Sewer Manhole



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1/28/2025

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME 19622\_UTIL\_04.dgn

DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO. A019(622)

UTILITY PLAN  
**BANNOCK STREET, MALAD CITY**  
STA. 39+60 TO STA. 44+40

**English**

COUNTY ONEIDA

KEY NUMBER 19622

SHEET 106 OF 118

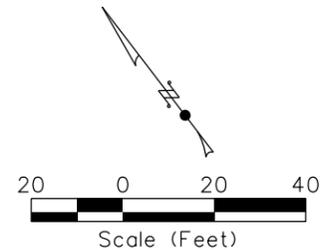


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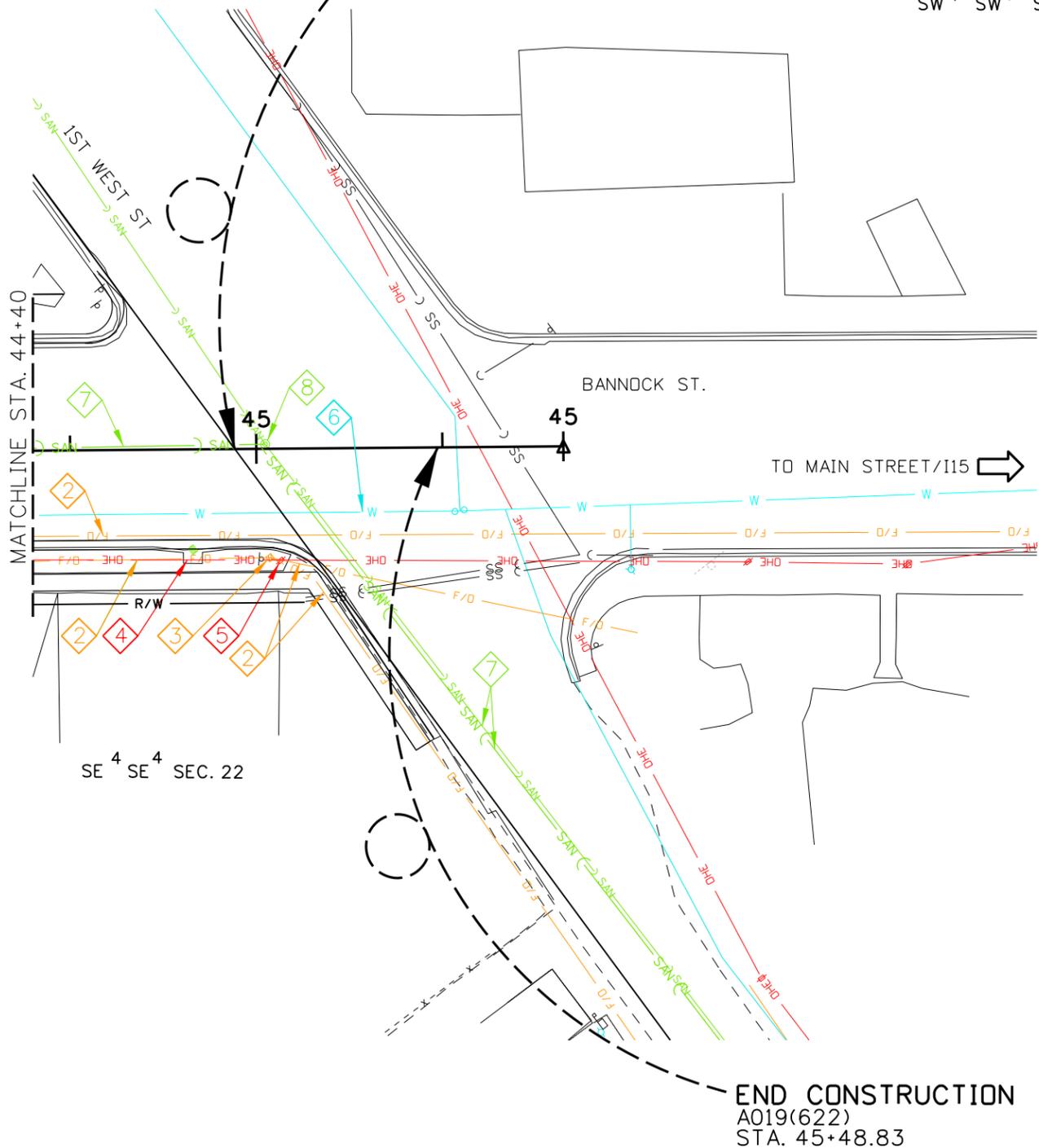
T.14S., R.36E., B.M.

**END PROJECT**  
 A019(622)  
 STA. 44+94.21  
 Match Existing Bannock Street  
 N: 189770.550  
 E: 634086.634

SW<sup>4</sup> SW<sup>4</sup> SEC. 21



- 2 Retain And Protect Telephone & Fiber Optic Line (Depth Varies)
- 3 Retain And Protect Telephone Pedestal & Fiber Optic Vault
- 4 Retain And Protect Overhead Electric Line
- 5 Retain And Protect Overhead Power Pole
- 6 Retain And Protect Water Line
- 7 Retain And Protect Sanitary Sewer Line
- 8 Retain And Protect Sanitary Sewer Manhole



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_UTIL_05.dgn  DRAWING DATE: OCT 2022
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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UTILITY PLAN	<b>BANNOCK STREET, MALAD CITY</b> STA. 44+40 TO STA. 45+48.83
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 107 OF 118



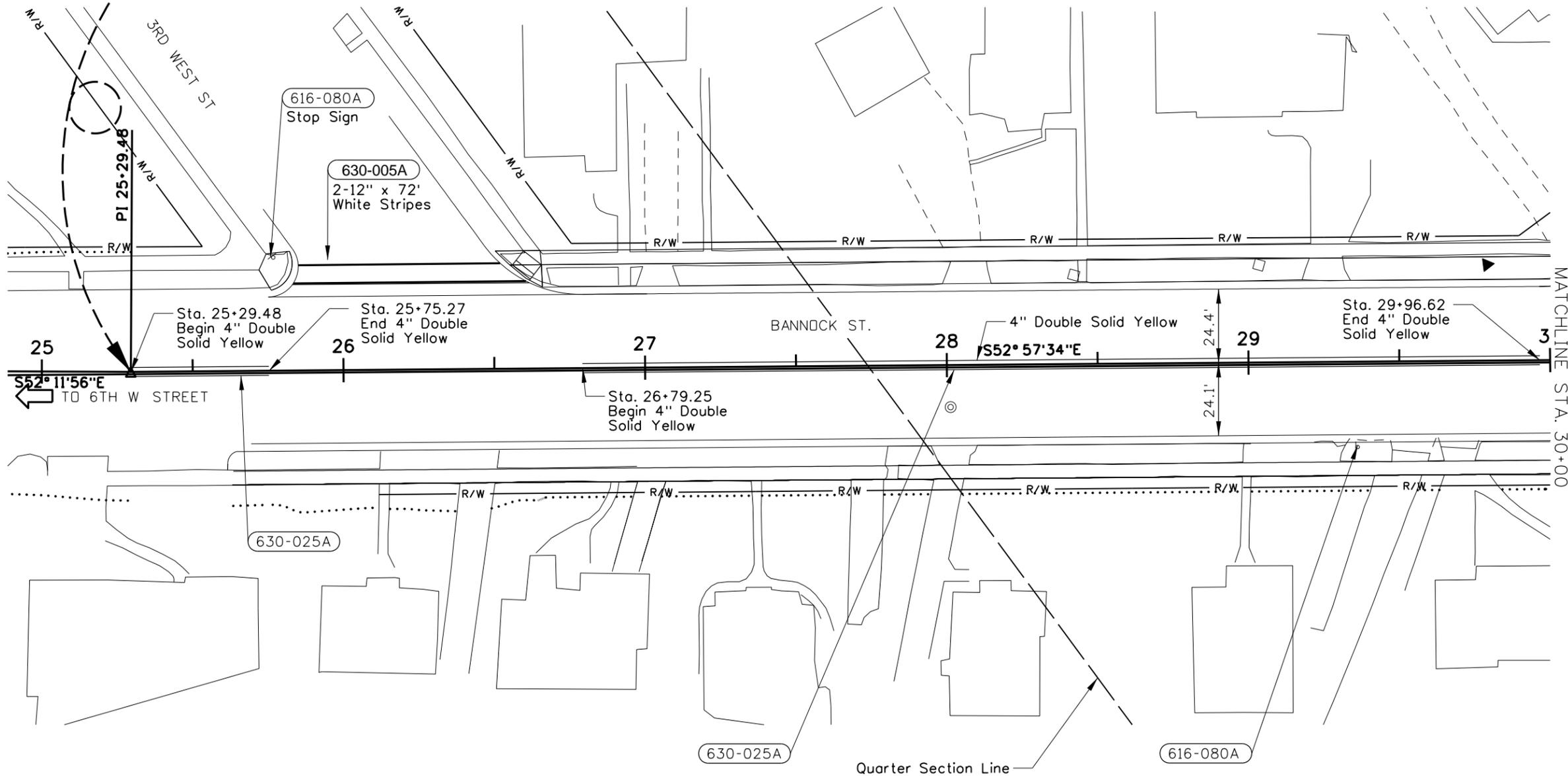
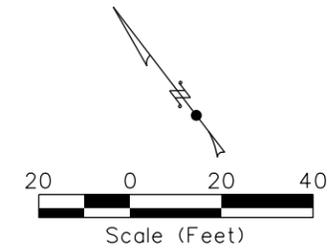
T.14S., R.36E., B.M.

NW<sup>4</sup> SE<sup>4</sup> SEC. 21

NE<sup>4</sup> SE<sup>4</sup> SEC. 21

**BEGIN PROJECT  
BEGIN CONSTRUCTION**

A019(622)  
STA. 25+29.48  
Match Existing Bannock Street  
N: 190954.092  
E: 632518.322



- 616-080A Reinstall Signs
  - 1 EACH 27+77, Off. 37' Lt
  - 1 EACH 29+36, Off. 38' Rt
- 630-005A Pav. Mkg. - Waterborne
  - 144 SF Sta. 25+81, 33' Lt. To Sta. 26+62, 34' Lt
- 630-025A Longitudinal Pavement Marking - Waterborne
  - 92 FT Sta. 25+29.48, To Sta. 25+75.27
  - 635 FT Sta. 26+79.25, To Sta. 29+96.62

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_PAV_01.dgn  DRAWING DATE: OCT 2022
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	

**IDAHO  
TRANSPORTATION  
DEPARTMENT**

FORSGREN *Associates Inc.*

PROJECT NO.	A019(622)
-------------	-----------

SIGNING & PAVEMENT MARKING PLAN	<b>English</b>
BANNOCK ST., MALAD CITY STA. 25+29.48 TO STA. 30+00	

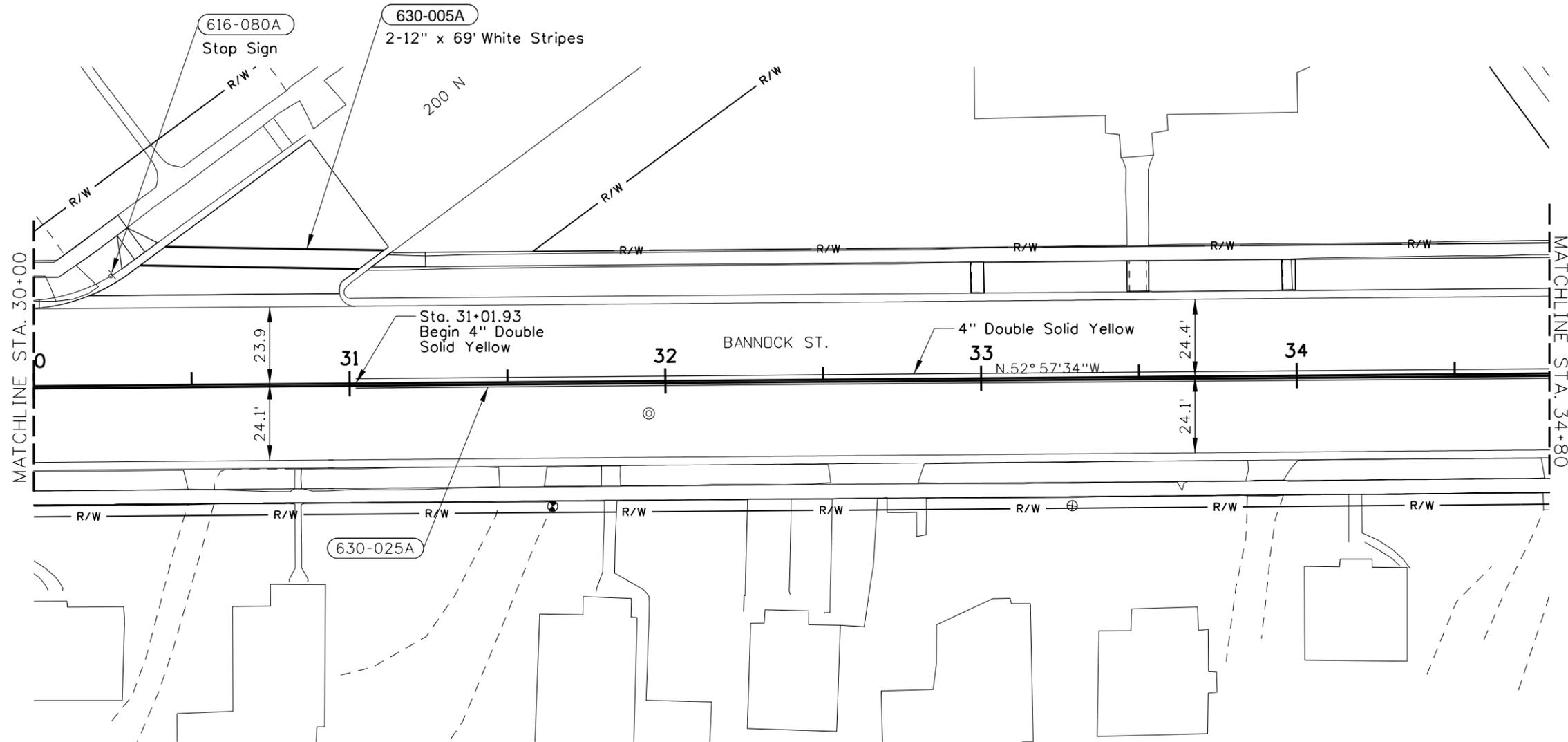
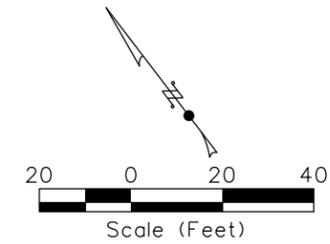
COUNTY	ONEIDA
KEY NUMBER	19622
SHEET	108 OF 118



1/28/2025 F:\Rexburg\01\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Pavement\_Marking\19622\_PAV\_02.dgn

T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



- 616-080A Reinstall Signs  
1 EACH 30+25, Off. 36' Lt
- 630-005A Pav. Mkg. - Waterborne  
42 SF Sta. 30+34, 41' Lt. To Sta. 31+11, 39' Lt
- 630-025A Longitudinal Pavement Marking - Waterborne  
756 FT Sta. 31+01.93, To Sta. 34+80.00

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 19622_PAV_02.dgn
DRAWING DATE: OCT 2022

**IDAHO TRANSPORTATION DEPARTMENT**



FORSGREN Associates Inc.

PROJECT NO.	A019(622)
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SIGNING & PAVEMENT MARKING PLAN	<b>English</b>
BANNOCK ST., MALAD CITY STA. 30+00 TO STA. 34+80	

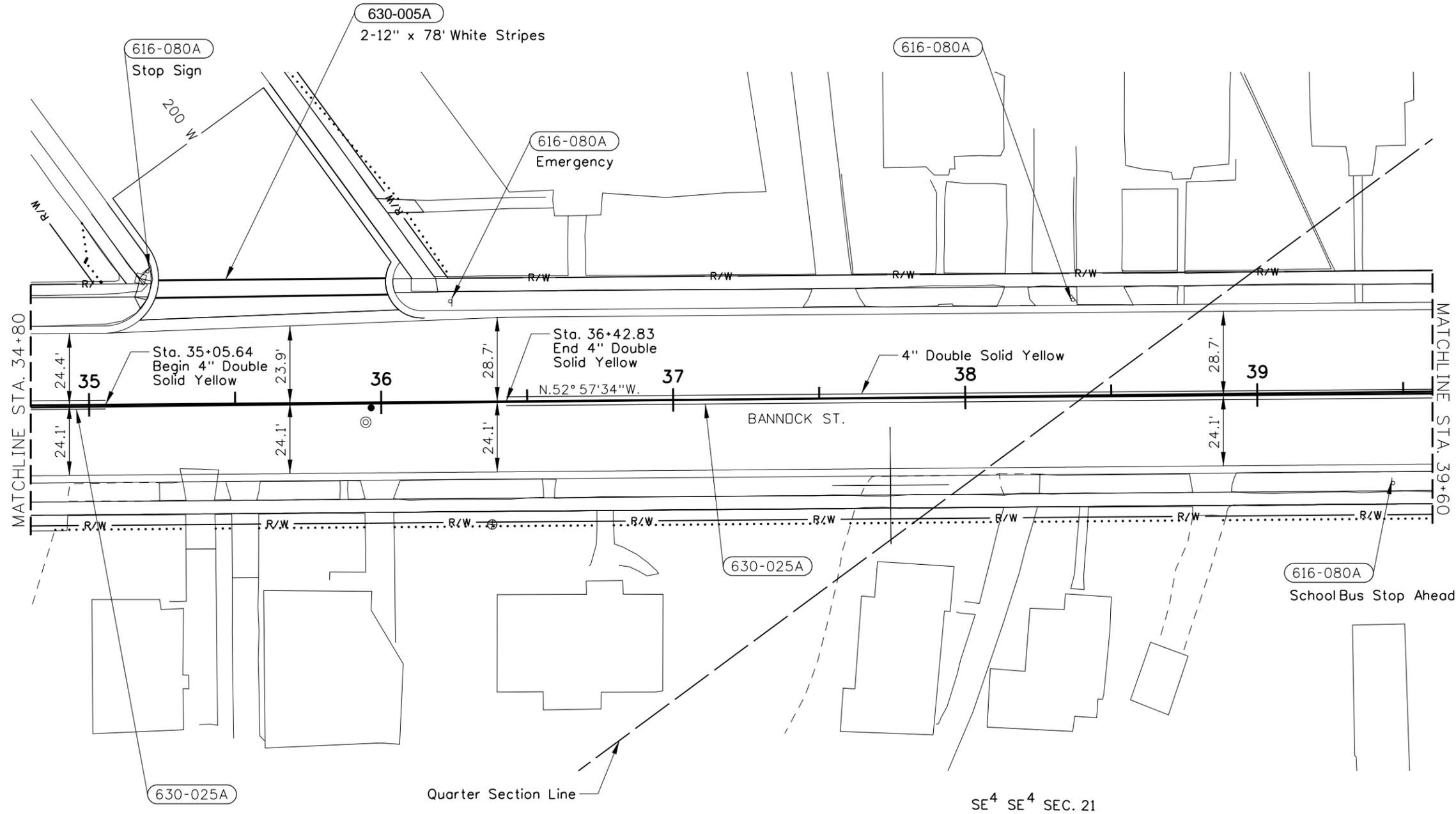
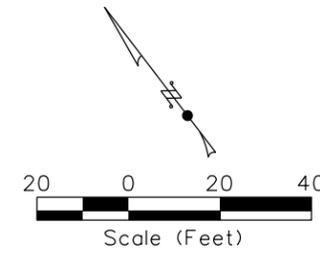
COUNTY	ONEIDA
KEY NUMBER	19622
SHEET	109 OF 118



1/28/2025 F:\Rexburg\01\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Pavement\_Marking\19622\_PAV\_03.dgn

T.14S., R.36E., B.M.

NE<sup>4</sup> SE<sup>4</sup> SEC. 21



<b>616-080A</b>	Reinstall Signs
1 EACH	35+20, Off. 45' Lt
1 EACH	36+24, Off. 34' Lt
1 EACH	38+37, Off. 33' Lt
1 EACH	39+46, Off. 30' Rt
<b>630-005A</b>	Pav. Mkg. - Waterborne
156 SF	Sta. 35+23, 39' Lt. To Sta. 36+03, 40' Lt
<b>630-025A</b>	Longitudinal Pavement Marking - Waterborne
51 FT	Sta. 34+80.00, To Sta. 35+05.64
634 FT	Sta. 36+42.83, To Sta. 39+60.00

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_PAV_03.dgn  DRAWING DATE: OCT 2022
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	
DRAWING CHECKED	A. BASS	

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.	A019(622)
-------------	-----------

SIGNING & PAVEMENT MARKING PLAN	<b>English</b>
BANNOCK ST., MALAD CITY STA. 34+80 TO STA. 39+60	

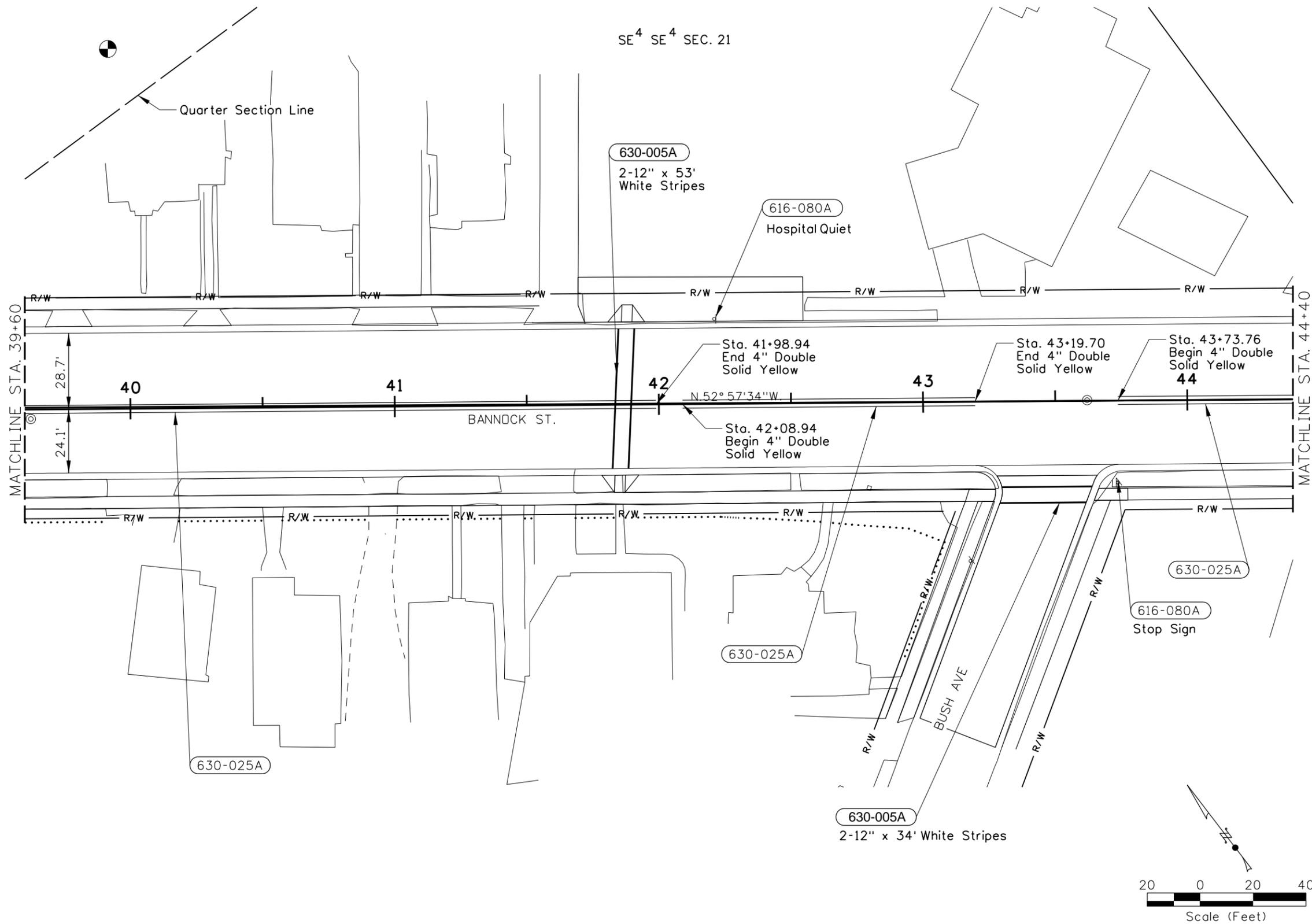
COUNTY	ONEIDA
KEY NUMBER	19622
SHEET	110 OF 118



1/28/2025 F:\Rexburg\01\01-19-0117 Bannock St. Phase I Design\9 CAD\pr\19622\Project\_Development\Plan\_Sheets\Pavement\_Marking\19622\_PAV\_04.dgn

T.14S., R.36E., B.M.

SE<sup>4</sup> SE<sup>4</sup> SEC. 21



- 616-080A Reinstall Signs
  - 1 EACH 42+21, Off. 32' Lt
  - 1 EACH 43+73, Off. 31' Rt
- 630-005A Pav. Mkg. - Waterborne
  - 106 SF Sta. 41+82, 24' Rt. To Sta. 41+91, 29' Lt.
  - 68 SF Sta. 43+30, 32' Rt. To Sta. 43+64, 32' Rt.
- 630-025A Longitudinal Pavement Marking - Waterborne
  - 478 FT Sta. 39+60.00, To Sta. 41+98.94
  - 222 FT Sta. 42+08.94, To Sta. 43+19.70
  - 132 FT Sta. 43+73.76, To Sta. 44+40.00



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  CADD FILE NAME 19622_PAV_04.dgn  DRAWING DATE: OCT 2022
DESIGN CHECKED K. HARRIS	
DETAILED M. PALMER	
DRAWING CHECKED A. BASS	

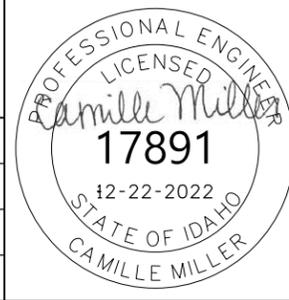
**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN *Associates Inc.*

PROJECT NO.  A019(622)
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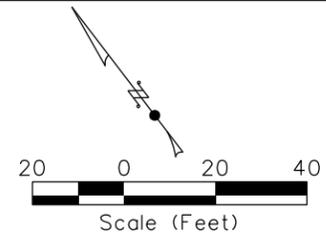
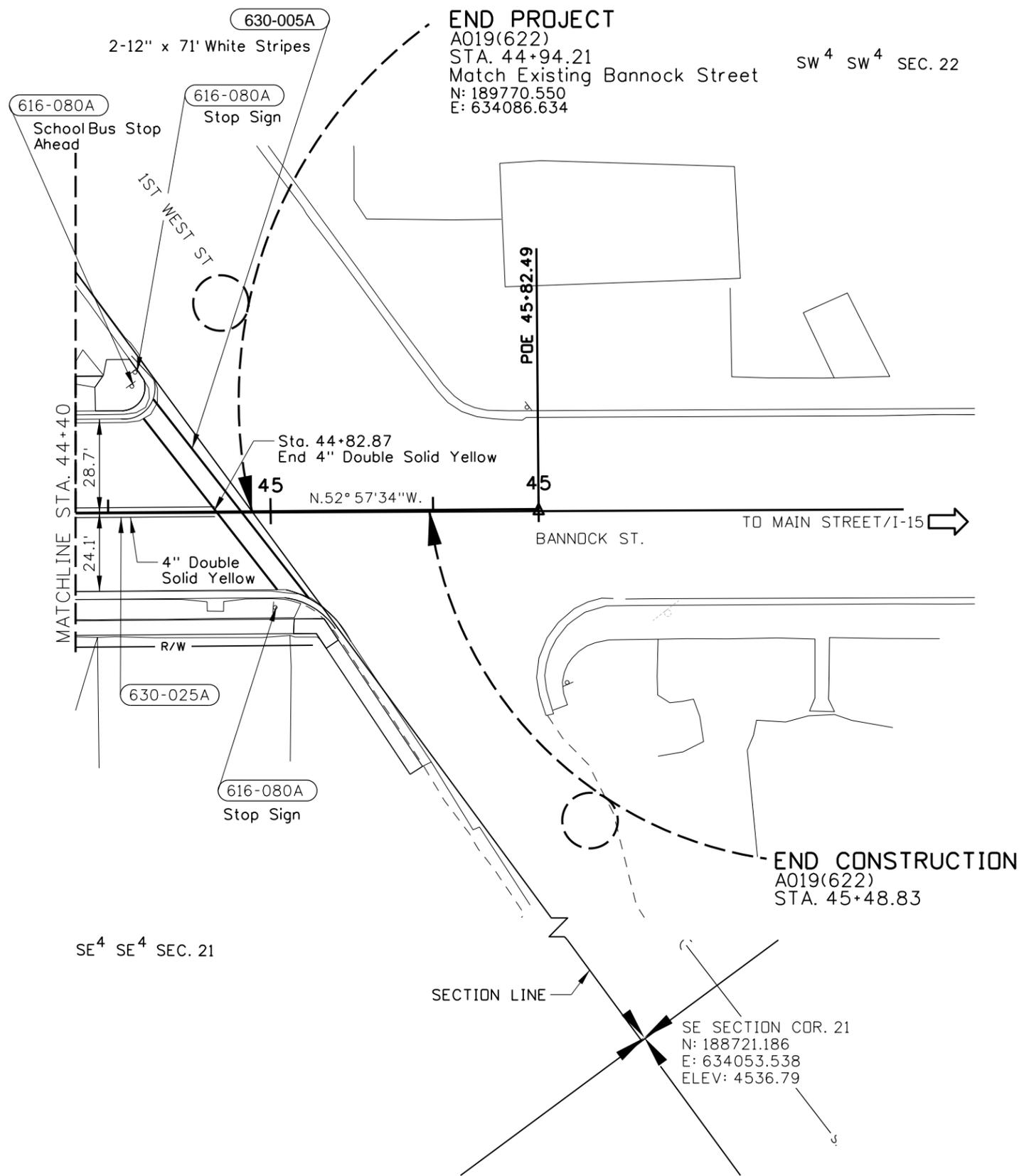
SIGNING & PAVEMENT MARKING PLAN  BANNOCK ST., MALAD CITY STA. 39+60 TO STA. 44+40
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 19622
SHEET 111 OF 118



1/28/2025 F:\Rexburg\01\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\Pavement\_Marking\19622\_PAV\_05.dgn

T.14S., R.36E., B.M.



- 616-080A** Reinstall Signs  
 1 EACH 44+58, Off. 39' Lt  
 1 EACH 44+59, Off. 43' Lt  
 1 EACH 45+01, Off. 30' Rt
- 630-005A** Pav. Mkg. - Waterborne  
 142 SF Sta. 44+61, 28.7' Lt To  
 Sta. 45+12, 24.1' Rt.
- 630-025A** Longitudinal Pavement  
 Marking - Waterborne  
 86 FT Sta. 44+40.00, To  
 Sta. 44+82.87

**END PROJECT**

A019(622)  
 STA. 44+94.21  
 Match Existing Bannock Street  
 N: 189770.550  
 E: 634086.634

SW<sup>4</sup> SW<sup>4</sup> SEC. 22

**END CONSTRUCTION**

A019(622)  
 STA. 45+48.83

SE<sup>4</sup> SE<sup>4</sup> SEC. 21

SE SECTION CDR. 21  
 N: 188721.186  
 E: 634053.538  
 ELEV: 4536.79

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_PAV_05.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO  
TRANSPORTATION  
DEPARTMENT**

FORSGREN *Associates Inc.*

PROJECT NO.	SIGNING & PAVEMENT MARKING PLAN
A019(622)	<b>English</b> BANNOCK ST., MALAD CITY STA. 44+40 TO STA. 45+48.83

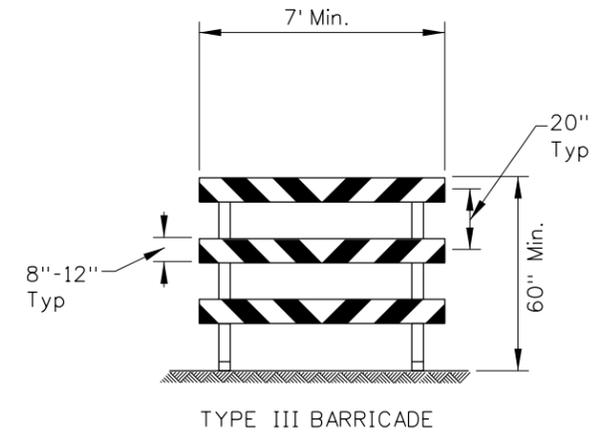
COUNTY	ONEIDA
KEY NUMBER	19622
SHEET	112 OF 118



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**NOTES:**

1. ALL TAPER LENGTHS, AND WORK ZONE TRAFFIC CONTROL SIGNING AND DEVICES USED BY THE CONTRACTOR, SHALL MEET OR EXCEED THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS ADOPTED BY THE STATE.
2. ALL SIGNS AND CHANNELIZING DEVICES USED BY THE CONTRACTOR SHALL BE NEW OR IN LIKE NEW CONDITION AND SHALL MEET THE RETRO REFLECTIVITY REQUIREMENTS OF THE IDAHO TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SUBSECTION 712.02.
3. TRAFFIC CONTROL OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE IDAHO TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SUBSECTION 105.14 D - MAINTENANCE OF TRAFFIC.
4. THE CONTRACTOR SHALL SUBMIT A NEW TRAFFIC CONTROL PLAN FOR APPROVAL IF THE TRAFFIC CONTROL PLAN AS SHOWN DOES NOT CONFORM TO THE CONTRACTOR'S METHOD OF OPERATION.
5. ALL DISTANCES BETWEEN SIGNS ARE A MINIMUM AND MAY REQUIRE SPACING ADJUSTMENTS IN THE FIELD DEPENDING ON PREVAILING CONDITIONS, AND/OR CONFLICTS WITH EXISTING SIGNS.
6. ADDITIONAL SIGNING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER, INCIDENTAL TO TRAFFIC CONTROL PLAN.
7. SIGNS AND SIGN STANDS NOT IN USE SHALL BE REMOVED OR LAID DOWN. ALL WORK ZONE SIGNING NOT IN USE SHALL BE COMPLETELY COVERED OR REMOVED AND LAID DOWN WITH SIGN FACE UP.
8. CONTRACTOR SHALL COVER CONFLICTING SIGNS BY AN ENGINEER APPROVED METHOD OR REMOVED DURING CONSTRUCTION. SIGNS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. BLACK PLASTIC WILL NOT BE ACCEPTED BY THE DEPARTMENT.
9. SIGNS 48" x 48" OR LARGER SHALL REQUIRE TWO POSTS IF TYPE E-2 STEEL POSTS ARE UTILIZED BY THE CONTRACTOR; OR ONE TYPE D-3 WOOD SIGN POST INSTALLED PER STANDARD DRAWING 616-7 AND 618-10.
10. THE CONTRACTOR SHALL MOUNT ALL POST MOUNTED SIGNS A MINIMUM OF 7 FT ABOVE THE LEVEL OF THE ROADWAY MEASURED FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE PAVEMENT SURFACE. THE HEIGHT TO THE BOTTOM OF A SECONDARY SIGN MOUNTED BELOW ANOTHER SIGN SHALL BE 6 FT.
11. THE CONTRACTOR SHALL MOUNT ALL SIGNS MOUNTED ON TEMPORARY SIGN STANDS A MINIMUM OF 5 FT ABOVE THE LEVEL OF THE ROADWAY MEASURED FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE PAVEMENT SURFACE. TEMPORARY SIGN STANDS SHALL BE PERMITTED ONLY WHERE SIGNS ARE PLACED AT THE SAME LOCATION LESS THAN THREE (3) DAYS.
12. ALL WORK ZONE SIGNING, TEMPORARY PAVEMENT MARKINGS, AND DRUMS SHALL BE IN PLACE PRIOR TO ANY DIVERSION OF TRAFFIC ONTO THE CONSTRUCTION DETOURS.
13. THE CONTRACTOR SHALL HAVE A CERTIFIED WORK SITE INCIDENTAL TO TRAFFIC CONTROL SUPERVISOR ON SITE TO DIRECT THE INSTALLATION AND MODIFICATION OF THE TRAFFIC CONTROL.
14. THE CONTRACTOR SHALL COORDINATE WORK WITH THE AUTHORITIES HAVING JURISDICTION OVER THE LOCAL ROADS IMPACTED BY THIS PROJECT, INCLUDING OBTAINING ANY REQUIRED PERMITS.
15. ALL EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SHALL BE COVERED UP OR REMOVED. IF THE CONTRACTOR REMOVES THE SIGNS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RESET THE SIGNS AND/OR REPLACE ANY SIGNS THAT ARE DAMAGED AT CONTRACTOR'S OWN EXPENSE OR AS DIRECTED BY THE ENGINEER.



**SUMMARY OF TEMPORARY TRAFFIC CONTROL SIGNS**

SIGN	CLASS	DESCRIPTION	SIZE	QUAN.	SF	SQUARE FEET
M4-9R	B	DETOUR	30"x24"	6	5	30
M4-9L	B	DETOUR	30"x24"	4	5	20
G20-2	B	END ROAD WORK	48"x24"	2	8	16
W20-1	B	ROAD WORK AHEAD	48"x48"	2	16	32
R9-9	B	SIDEWALK CLOSED	24"x12"	3	2	6
R9-10	B	SIDEWALK CLOSED <--> USE OTHER SIDE	24"x18"	2	3	6
W20-4	B	ONE LANE ROAD AHEAD	48"x48"	2	16	32
W1-4(R)	B	LANE SHIFT	48"x48"	1	16	16
W3-2	B	YIELD AHEAD	48"x48"	1	16	16
R1-2	B	YIELD	36"x36"x36"	1	13.5	13.5
R1-2A	B	TO ONCOMING TRAFFIC	24"x18"	1	3	3
SUBTOTAL						190.5
SUBTOTAL +20%						228.6
DRUMS						-
BARRICADE TYPE III						4
TUBULAR MARKERS						20

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED K. HARRIS	
DETAILED M. SOUTHWICK	CADD FILE NAME 23901_TRCP_01.dgn
DRAWING CHECKED A. BASS	DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

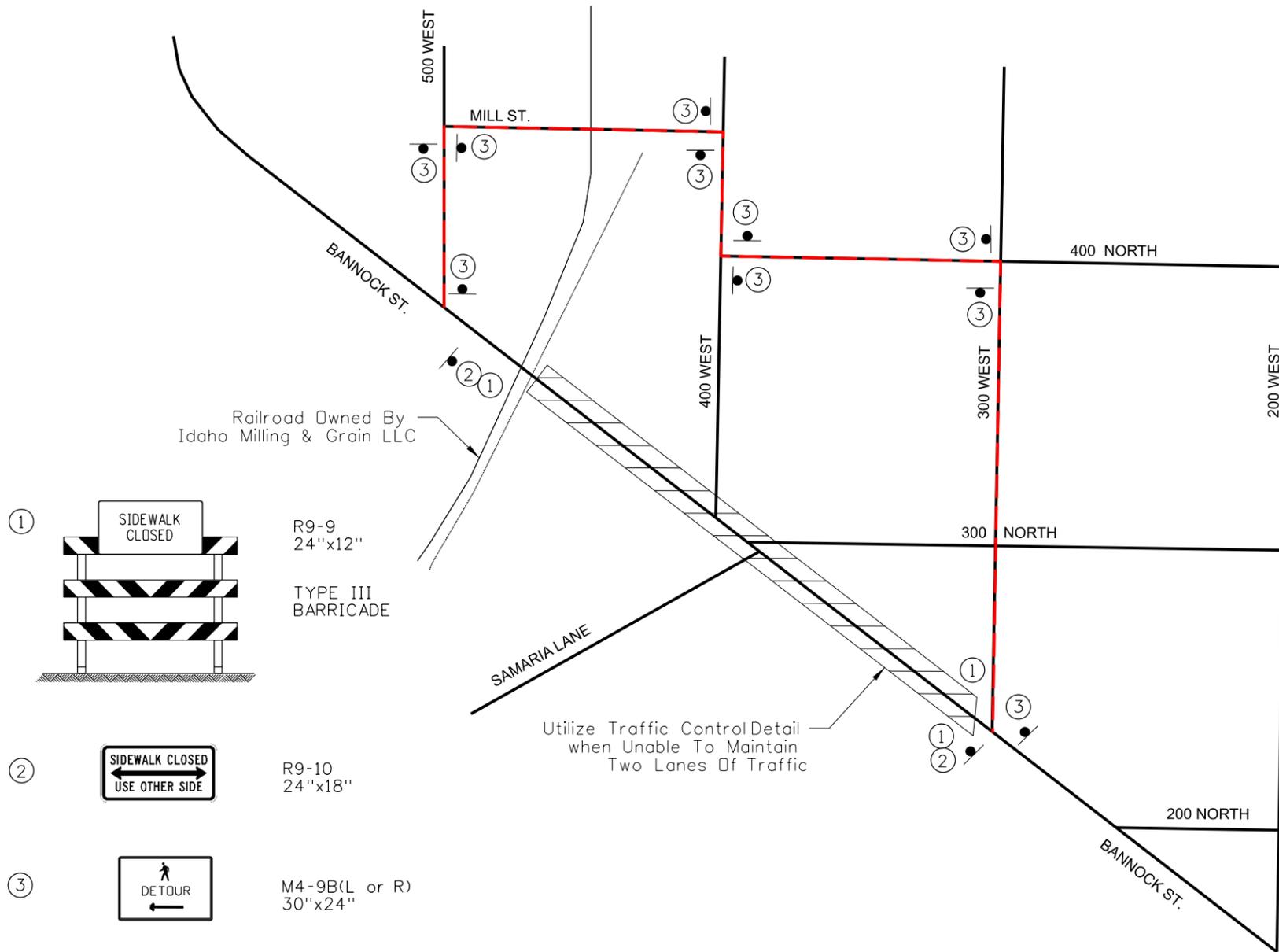
FORSGREN Associates Inc.

PROJECT NO.	TEMPORARY TRAFFIC CONTROL PLAN
A023(901)	<b>English</b>

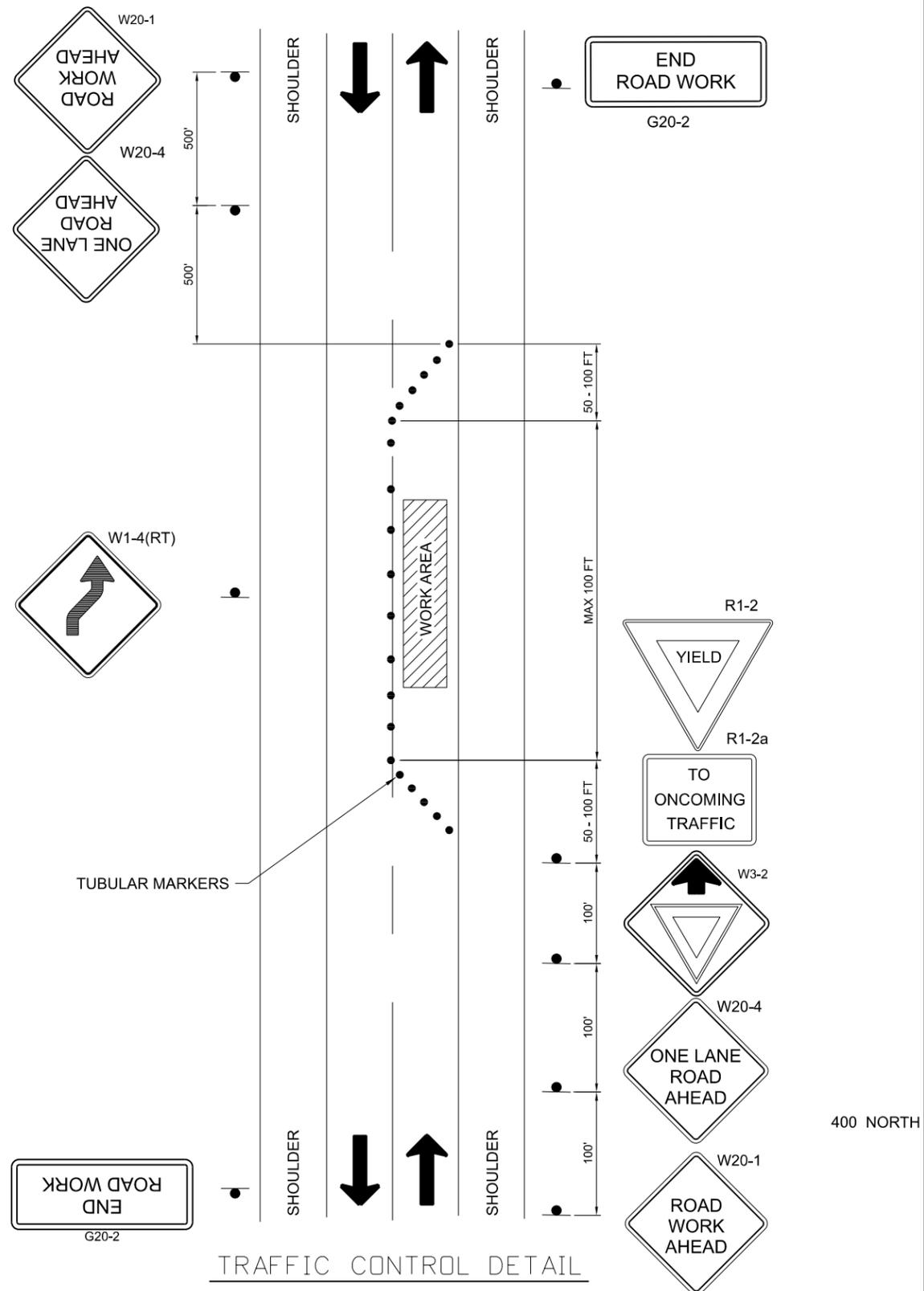
BANNOCK ST., SIDEWALKS TAP GRANT
COUNTY ONEIDA
KEY NUMBER 23901
SHEET 113 OF 118



1/28/2025 F:\Rexburg\01\01-19-0117 Bannock St. Phase I Design\9 CAD\pr\19622\Project\_Development\Plan\_Sheets\KN\_23901 - Sidewalk\23901\_TRCP\_02.dgn



- ① TYPE III BARRICADE  
R9-9 24"x12"
- ② R9-10 24"x18"
- ③ M4-9B(L or R) 30"x24"
- WORK ZONE
- WARNING SIGN
- PEDESTRIAN DETOUR PATH



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. SOUTHWICK	CADD FILE NAME 23901_TRCP_02.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: JAN 2024

**IDAHO TRANSPORTATION DEPARTMENT**

FORSGREN Associates Inc.

PROJECT NO.	A023(901)
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TEMPORARY TRAFFIC CONTROL PLAN	BANNOCK ST., SIDEWALKS TAP GRANT
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<b>English</b>
COUNTY ONEIDA
KEY NUMBER 23901
SHEET 114 OF 118

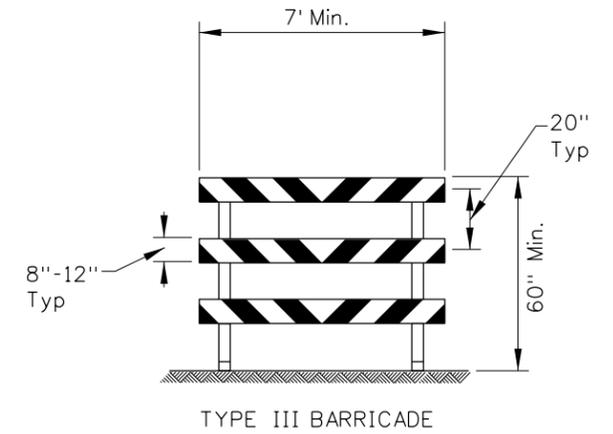
PROFESSIONAL ENGINEER  
LICENSED  
*Camille Miller*  
**17891**  
02-06-2024  
STATE OF IDAHO  
CAMILLE MILLER

I:\28\2025 F:\Rexburg\01\19-0117 Bannock St. Phase I Design\9 CAD\pr\19622\Project\_Development\Plan\_Sheets\TRAFFIC CONTROL\19622\_TRCP\_001.dgn

**NOTES:**

1. ALL TAPER LENGTHS, AND WORK ZONE TRAFFIC CONTROL SIGNING AND DEVICES USED BY THE CONTRACTOR, SHALL MEET OR EXCEED THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS ADOPTED BY THE STATE.
2. ALL SIGNS AND CHANNELIZING DEVICES USED BY THE CONTRACTOR SHALL BE NEW OR IN LIKE NEW CONDITION AND SHALL MEET THE RETRO REFLECTIVITY REQUIREMENTS OF THE IDAHO TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SUBSECTION 712.02.
3. TRAFFIC CONTROL OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE IDAHO TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SUBSECTION 105.14 D - MAINTENANCE OF TRAFFIC.
4. THE CONTRACTOR SHALL SUBMIT A NEW TRAFFIC CONTROL PLAN FOR APPROVAL IF THE TRAFFIC CONTROL PLAN AS SHOWN DOES NOT CONFORM TO THE CONTRACTOR'S METHOD OF OPERATION.
5. ALL DISTANCES BETWEEN SIGNS ARE A MINIMUM AND MAY REQUIRE SPACING ADJUSTMENTS IN THE FIELD DEPENDING ON PREVAILING CONDITIONS, AND/OR CONFLICTS WITH EXISTING SIGNS.
6. ADDITIONAL SIGNING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
7. SIGNS AND SIGN STANDS NOT IN USE SHALL BE REMOVED OR LAID DOWN. ALL WORK ZONE SIGNING NOT IN USE SHALL BE COMPLETELY COVERED OR REMOVED AND LAID DOWN WITH SIGN FACE UP.
8. CONTRACTOR SHALL COVER CONFLICTING SIGNS BY AN ENGINEER APPROVED METHOD OR REMOVED DURING CONSTRUCTION. SIGNS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. BLACK PLASTIC WILL NOT BE ACCEPTED BY THE DEPARTMENT.
9. SIGNS 48" x 48" OR LARGER SHALL REQUIRE TWO POSTS IF TYPE E-2 STEEL POSTS ARE UTILIZED BY THE CONTRACTOR; OR ONE TYPE D-3 WOOD SIGN POST INSTALLED PER STANDARD DRAWING 616-7 AND 618-10.
10. THE CONTRACTOR SHALL MOUNT ALL POST MOUNTED SIGNS A MINIMUM OF 7 FT ABOVE THE LEVEL OF THE ROADWAY MEASURED FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE PAVEMENT SURFACE. THE HEIGHT TO THE BOTTOM OF A SECONDARY SIGN MOUNTED BELOW ANOTHER SIGN SHALL BE 6 FT.
11. THE CONTRACTOR SHALL MOUNT ALL SIGNS MOUNTED ON TEMPORARY SIGN STANDS A MINIMUM OF 5 FT ABOVE THE LEVEL OF THE ROADWAY MEASURED FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE PAVEMENT SURFACE. TEMPORARY SIGN STANDS SHALL BE PERMITTED ONLY WHERE SIGNS ARE PLACED AT THE SAME LOCATION LESS THAN THREE (3) DAYS.
12. ALL WORK ZONE SIGNING, TEMPORARY PAVEMENT MARKINGS, AND DRUMS SHALL BE IN PLACE PRIOR TO ANY DIVERSION OF TRAFFIC ONTO THE CONSTRUCTION DETOURS.
13. THE CONTRACTOR SHALL HAVE A CERTIFIED WORK SITE TRAFFIC CONTROL SUPERVISOR ON SITE TO DIRECT THE INSTALLATION AND MODIFICATION OF THE TRAFFIC CONTROL.
14. THE CONTRACTOR SHALL COORDINATE WORK WITH THE AUTHORITIES HAVING JURISDICTION OVER THE LOCAL ROADS IMPACTED BY THIS PROJECT, INCLUDING OBTAINING ANY REQUIRED PERMITS.
15. ALL EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SHALL BE COVERED UP OR REMOVED. IF THE CONTRACTOR REMOVES THE SIGNS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RESET THE SIGNS AND/OR REPLACE ANY SIGNS THAT ARE DAMAGED AT CONTRACTOR'S OWN EXPENSE OR AS DIRECTED BY THE ENGINEER.
16. THE TRAFFIC CONTROL SUPERVISOR SHALL MAINTAIN A DAILY DIARY AND PROVIDE THE DAILY DIARY TO THE ENGINEER WITHIN 24 HOURS OF COMPLETION. DIARY ENTRIES SHALL INCLUDE PERSONNEL USED IN TRAFFIC CONTROL OPERATION, NUMBER OF HOURS FOR EACH PERSON, CONDITION OF ALL TRAFFIC CONTROL DEVICES, REPAIR AND REPLACEMENT WORK COMPLETED, AND UNSUAL OCCURRENCES INVOLVING THE TRAVELING PUBLIC. DAILY DIARY DEVELOPMENT WILL BE PAID FOR UNDER XXXX. THE ENGINEER WILL MONITOR THE TIME FOR DAILY DIARY DEVELOPMENT AND MAY DISCONTINUE THIS DEVELOPMENT AT ANY TIME. WORK CONDITIONS SHALL BE MONITORED A MINIMUM OF TWICE DAILY TO ENSURE TRAFFIC CONTROL MEASURES ARE OPERATING EFFECTIVELY AND THAT ALL DEVICES USED CLEARLY VISIBLE AND IN GOOD REPAIR.
17. ALL TEMPORARY SPEED LIMIT SIGNS SHALL HAVE TYPE B HIGH-INTENSITY FLASHING WARNING LIGHT IN OPERATION AT ALL TIMES. FLASHING WARNING LIGHTS SHALL BE MOUNTED NO GREATER THAN 12 INCHES ABOVE THE SIGN. ONLY TEMPORARY SPEED LIMIT SIGNS REQUIRE FLASHING WARNING LIGHTS.

18. THE "INCREASED FINES FOR WORK ZONE SPEED VIOLATIONS" SIGN (R2-6) SHALL ONLY BE USED WHERE THE SPEED LIMIT HAS BEEN TEMPORARILY REDUCED FOR CONSTRUCTION.
19. THE "MOTORCYCLES USE CAUTION" SIGN (W21-703B) IS A SUPPLEMENTAL SIGN AND SHALL ONLY BE MOUNTED BELOW THE TEMPORARY WARNING SIGNS "LOOSE GRAVEL" (W8-13B(o)), "ABRUPT LANE EDGE" (W21-7B), AND "GROOVED PAVEMENT" (W21-704B).



**SUMMARY OF TRAFFIC CONTROL SIGNS**

SIGN	CLASS	DESCRIPTION	SIZE	QUAN.	SF	SQUARE FEET
M4-9R 1	B	DETOUR	30"x24"	8	5	40
M4-9L 2	B	DETOUR	30"x24"	7	5	35
R11-4 3	B	ROAD CLOSED TO THRU TRAFFIC	60"x30"	6	12.5	75
G20-2 4	B	END ROAD WORK	48"x24"	2	8	16
W20-1 5	B	ROAD WORK AHEAD	48"x48"	2	16	32
M4-4 6	B	TRUCK	24"x12"	12	2	24
M4-8 7	B	DETOUR	30"x15"	4	3.1	12.4
R2-201 7	A	SPEED LIMIT 25	36"x48"	4	12	48
R9-9 8	B	SIDEWALK CLOSED	24"x12"	4	2	8
R9-10R 9	B	SIDEWALK CLOSED ← CROSS HERE	24"x18"	2	3	6
M4-8a 10	B	END DETOUR	24"x18"	2	3	6
W20-2 11	B	DETOUR AHEAD	24"x24"	2	4	8
M4-9B 12	B	PEDESTRIAN DETOUR	30"x24"	8	5	40
SUBTOTAL						350.4
SUBTOTAL +20%						420.5
DRUMS						-
BARRICADE TYPE III						10
TUBULAR MARKERS						-

REVISIONS				DESIGNED	SCALES SHOWN
NO.	DATE	BY	DESCRIPTION		ARE FOR 11" X 17" PRINTS ONLY
				C. MILLER	
				K. HARRIS	
				M. PALMER	CADD FILE NAME 19622_TRCP_001.dgn
				A. BASS	DRAWING DATE: OCT 2022

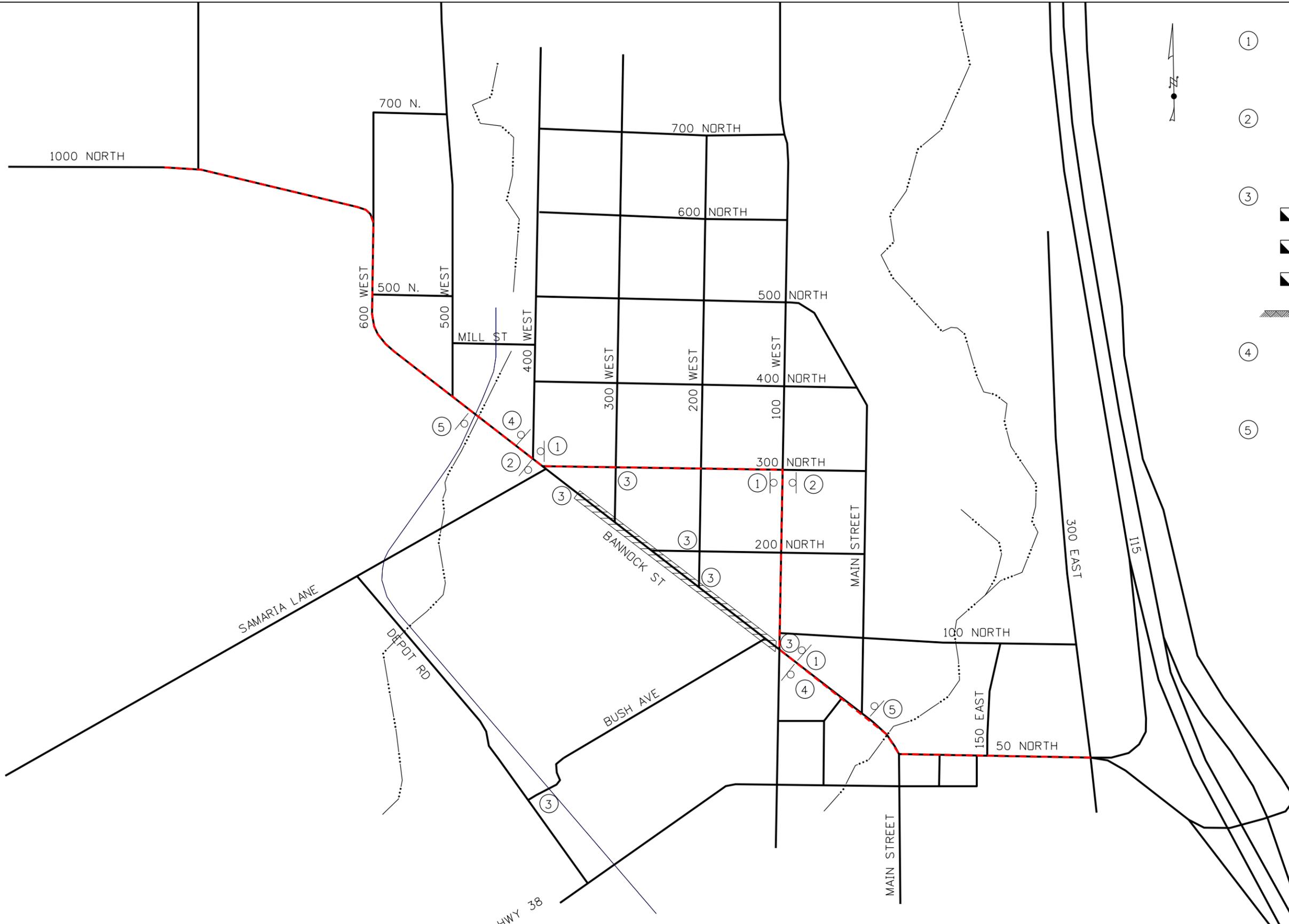
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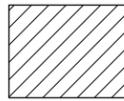
*FORSGREN Associates Inc.*

PROJECT NO.	TEMPORARY TRAFFIC CONTROL PLAN
A019(622)	<b>English</b>
BANNOCK ST., MALAD CITY	

COUNTY	ONEIDA
KEY NUMBER	19622
SHEET	115 OF 118

1/28/2025 F:\Rexburg\01\Structure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\TRAFFIC CONTROL\19622\_TRCP\_002.dgn



- ①  M4-9R  
30"x24"
- ②  M4-9L  
30"x24"
- ③  R11-4  
60"x30"  
TYPE III  
BARRICADE
- ④  G20-2  
48"x24"
- ⑤  W20-1  
48"x48"
-  WORK ZONE
-  WARNING SIGN

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER
DESIGN CHECKED	K. HARRIS
DETAILED	M. PALMER
DRAWING CHECKED	A. BASS

SCALES SHOWN  
ARE FOR 11" X 17"  
PRINTS ONLY

CADD FILE NAME  
19622\_TRCP\_002.dgn

DRAWING DATE:  
OCT 2022

**IDAHO  
TRANSPORTATION  
DEPARTMENT**

FORSGREN *Associates Inc.*



PROJECT NO.  
  
A019(622)

TEMPORARY TRAFFIC CONTROL PLAN  
  
BANNOCK ST., MALAD CITY  
  
**PLAN VIEW**

**English**

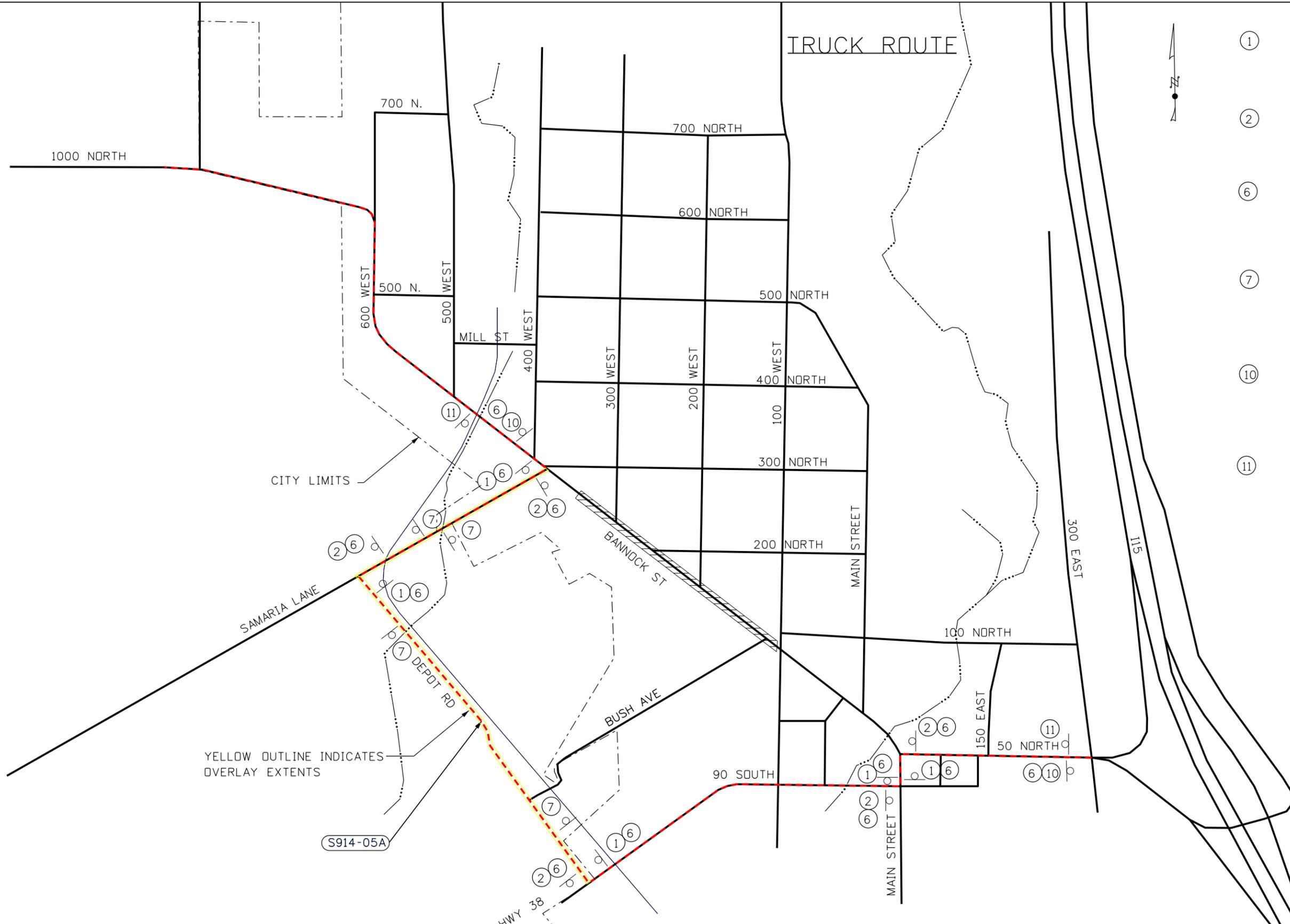
COUNTY ONEIDA

KEY NUMBER 19622

SHEET 116 OF 118

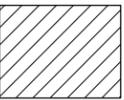


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YELLOW OUTLINE INDICATES  
OVERLAY EXTENTS

CITY LIMITS

- ①  M4-9R  
30"X24"
- ②  M4-9L  
30"X24"
- ⑥  M4-4  
24"X12"
- ⑦  M4-8  
30"X15"  
 R2-201  
36"X48"
- ⑩  M4-8a  
24"X18"
- ⑪  W20-2  
24"X424"
-  WORK ZONE
-  WARNING SIGN

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	K. HARRIS	
DETAILED	M. PALMER	CADD FILE NAME 19622_TRCP_003.dgn
DRAWING CHECKED	A. BASS	DRAWING DATE: OCT 2022

**IDAHO  
TRANSPORTATION  
DEPARTMENT**

FORSGREN *Associates Inc.*



PROJECT NO.	A019(622)
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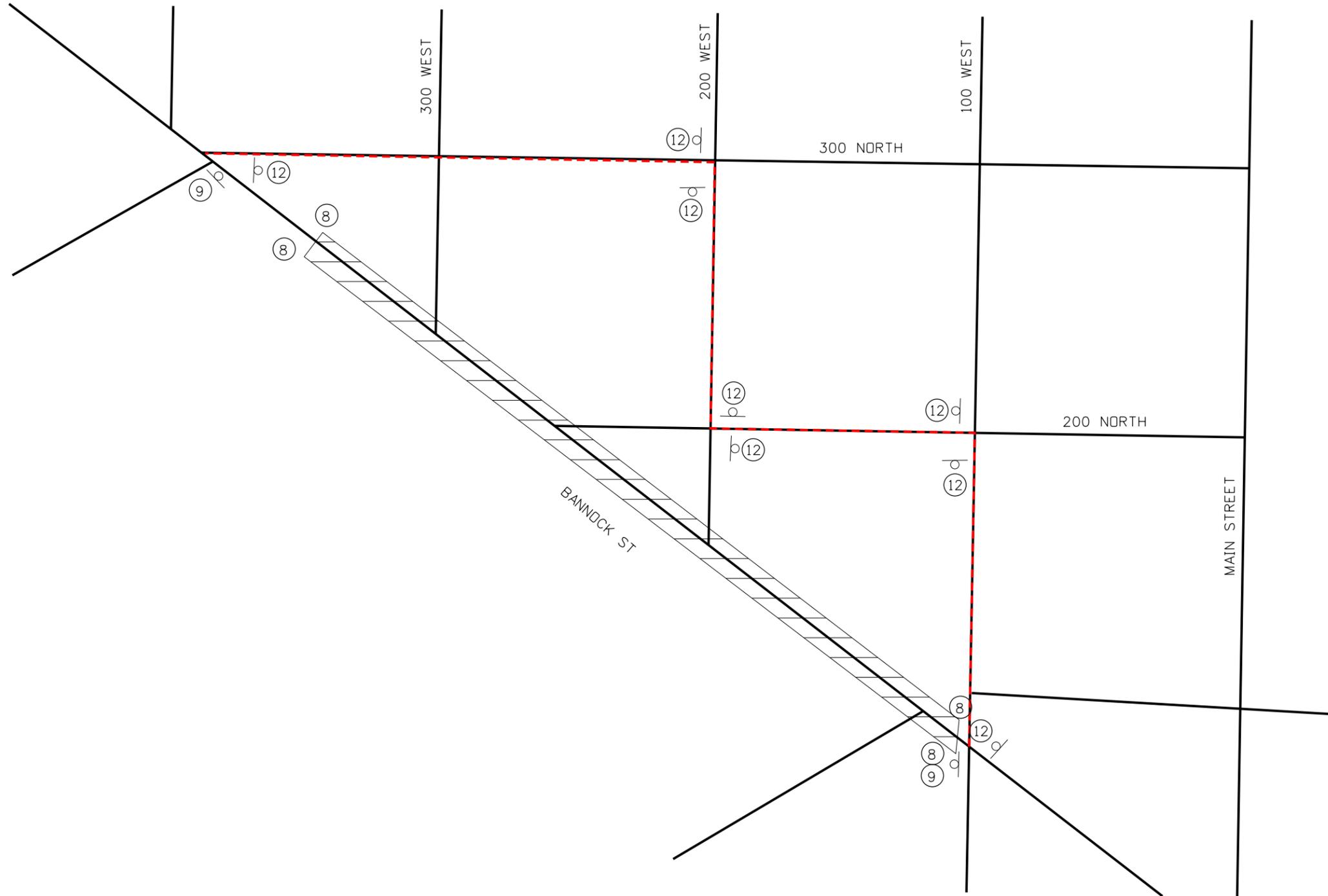
TEMPORARY TRAFFIC CONTROL PLAN	<b>English</b>
BANNOCK ST., MALAD CITY	
PLAN VIEW	

COUNTY	ONEIDA
KEY NUMBER	19622
SHEET	117 OF 118

PROFESSIONAL ENGINEER  
LICENSED IN IDAHO  
*Camille Miller*  
**17891**  
12-22-2022  
STATE OF IDAHO  
CAMILLE MILLER

1/28/2025 F:\Rexburg\01ofStructure\Malad, City of\01-19-0117 Bannock St. Phase I Design\9 CAD\prj19622\Project\_Development\Plan\_Sheets\TRAFFIC CONTROL\19622\_TRCP\_004.dgn

# PEDESTRIAN ROUTE



- 8
R9-9  
24"x12"
- 9
R9-10  
24"x18"
- 12
M4-9B(L or R)  
30"x24"
- WORK ZONE
- d
WARNING SIGN

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED C. MILLER	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED K. HARRIS	
DETAILED M. PALMER	
DRAWING CHECKED A. BASS	
CADD FILE NAME 19622_TRCP_004.dgn	
DRAWING DATE: OCT 2022	

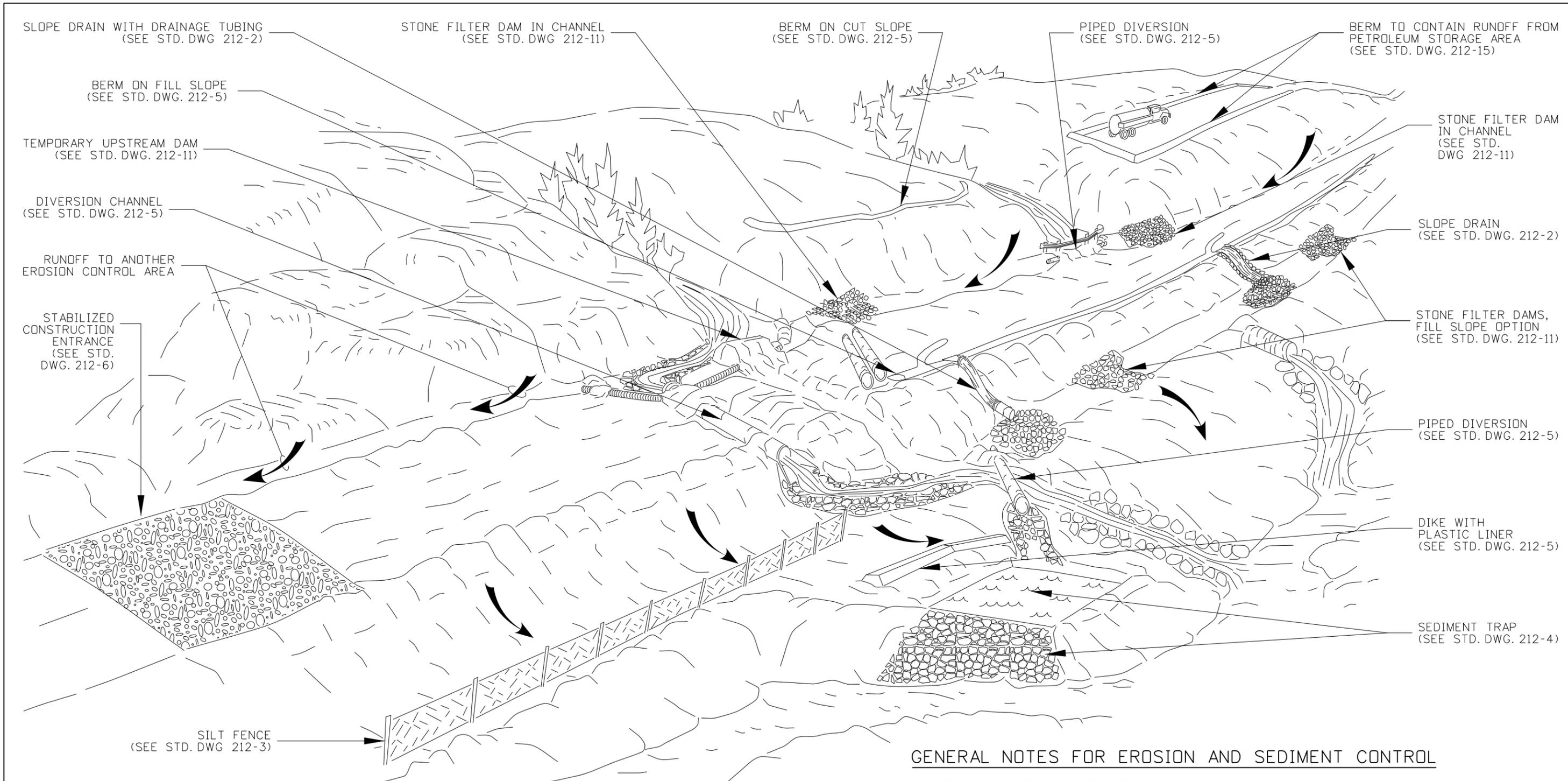
## IDAHO TRANSPORTATION DEPARTMENT

FORSGREN *Associates Inc.*

PROJECT NO.	TEMPORARY TRAFFIC CONTROL PLAN
A019(622)	BANNOCK ST., MALAD CITY
<b>PLAN VIEW</b>	

<b>English</b>	
COUNTY ONEIDA	
KEY NUMBER 19622	
SHEET 118 OF 118	



**GENERAL NOTES FOR EROSION AND SEDIMENT CONTROL**

1. USE THE EROSION AND SEDIMENT CONTROL STANDARD DRAWINGS IN CONJUNCTION WITH THE ITD BEST MANAGEMENT PRACTICES MANUAL.
2. THE PLACEMENT OF EROSION CONTROL MEASURES IS SITE SPECIFIC. OBTAIN THE ENGINEER'S APPROVAL OF THE EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO INSTALLATION.
3. EROSION AND SEDIMENT CONTROL MEASURES PLACEMENT AND INSTALLATION MAY BE CONTROLLED BY THE NPDES, 404 PERMIT OR CONTRACT SPECIFICATIONS.
4. DRAWING NOT TO SCALE

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	9-93	MSM	6	12-16	RDL			
2	6-96	MSM	7	02-21	TWF			
3	10-10	KEH						
4	10-11	KEH						
5	12-12	RDL						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME: 212-01\_0421.dgn  
 DRAWING DATE: APRIL, 1993

**IDAHO TRANSPORTATION DEPARTMENT**

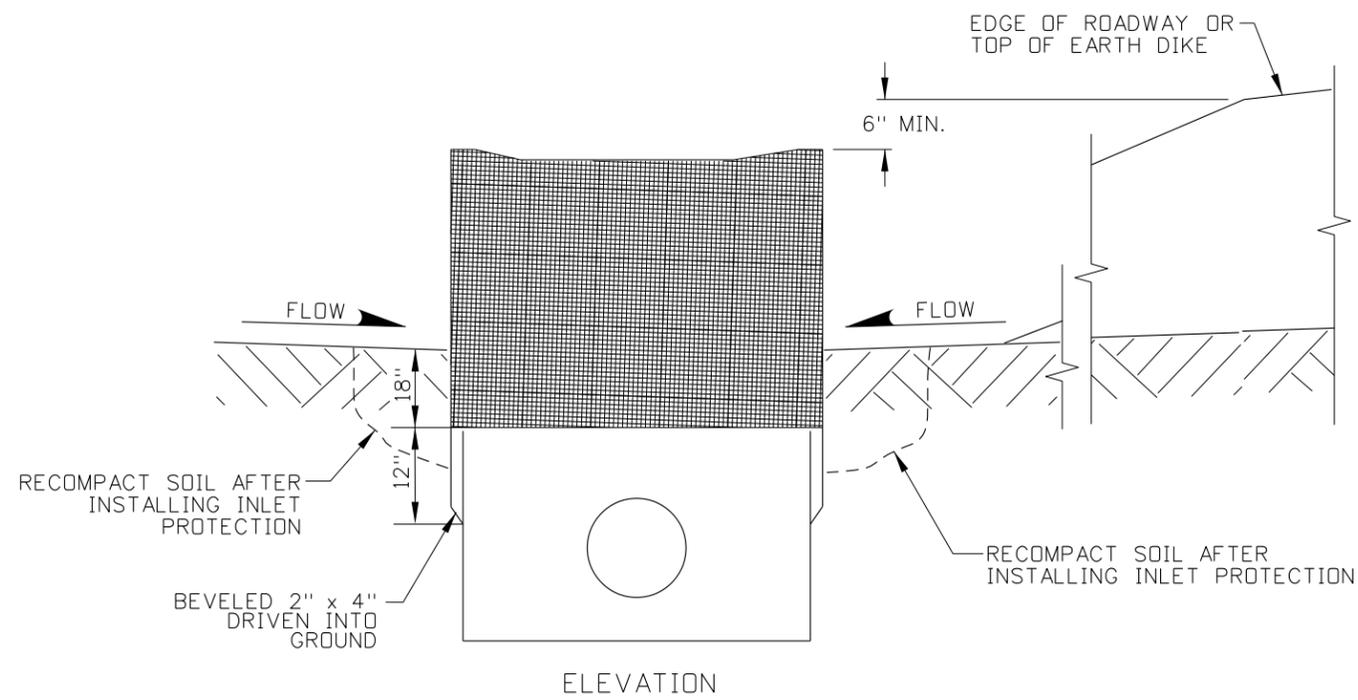


BOISE IDAHO

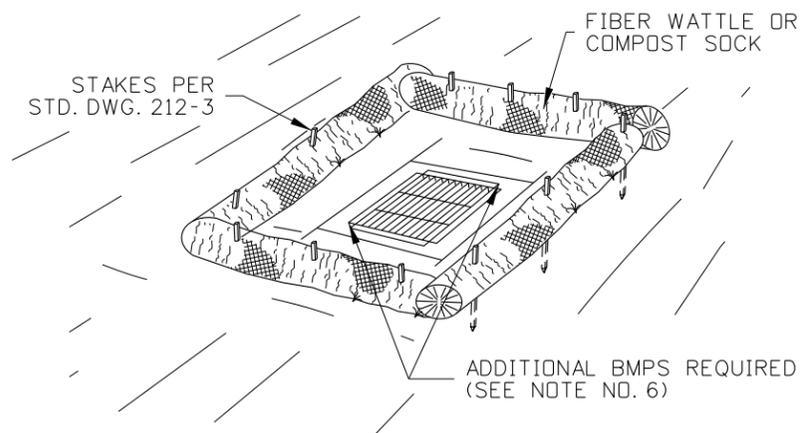
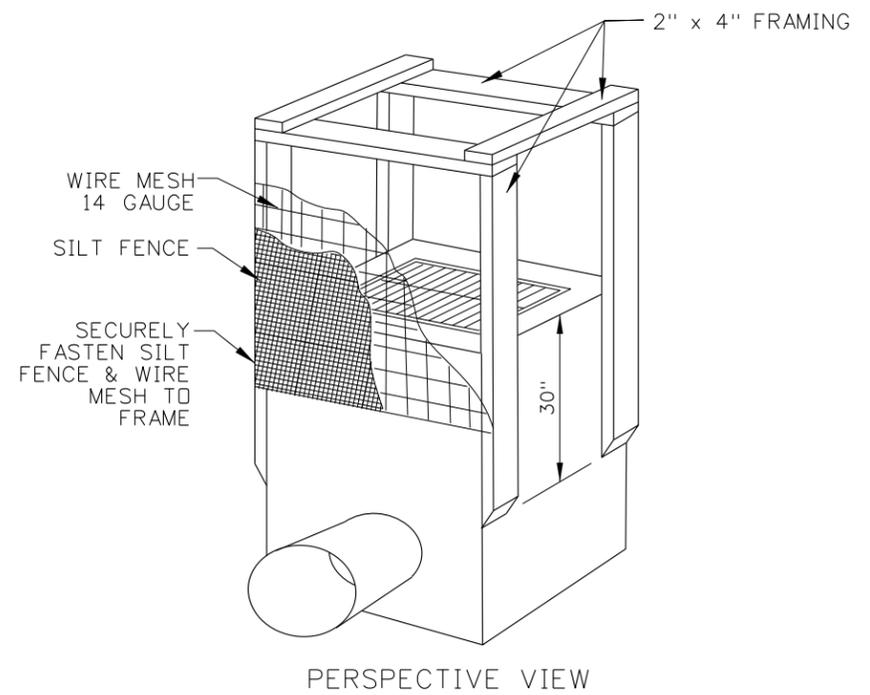
ORIGINAL SIGNED BY: KEVIN SABLAN  
 DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING  
**EROSION AND SEDIMENT CONTROL**  
 EXAMPLE APPLICATIONS

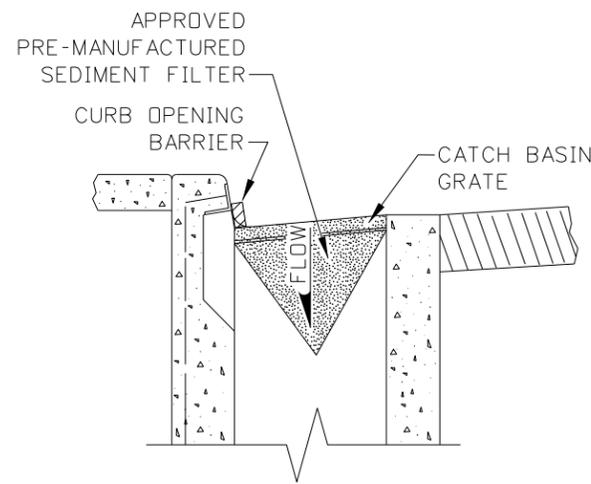
**English**  
 STANDARD DRAWING NO.  
 212-1  
 SHEET 1 OF 1



**FRAMED WIRE/FABRIC FILTER**



**FIBER WATTLE FILTER**



**PRE-MANUFACTURED SEDIMENT FILTER FOR INLET GRATE**

**NOTES**

1. SEE THE GENERAL NOTES FOR EROSION CONTROL STANDARD DRAWINGS ON 212-1.
2. REMOVE TRASH, DEBRIS, DUFF, AND MATERIALS THAT MAY INTERFERE WITH THE INLET OR CATCH BASIN PROTECTION FUNCTION PRIOR TO PLACEMENT AND DAILY THEREAFTER OR AS NEEDED.
3. ADJUST TO ENSURE EFFECTIVENESS.
4. FRAMED WIRE/FABRIC FILTER AND FIBER WATTLE FILTERS ARE INTENDED TO BE USED ON STRUCTURES NOT PRESENTLY SURROUNDED BY PAVEMENT.
5. ENSURE WATER DISCHARGING FROM THE INLET MEETS APPLICABLE WATER QUALITY STANDARDS.
6. USE IN CONJUNCTION WITH OTHER INLET PROTECTION DEVICES, NOT AS THE SOLE BMP. SEE SECTION SC-6 IN THE BMP MANUAL.
7. DRAWING NOT TO SCALE.

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	10-10	KEH						
2	10-11	KEH						
3	01-13	RDL						
4	03-21	TWF						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME: 212-07\_0421.dgn  
 DRAWING DATE: JUNE, 1996

**IDAHO TRANSPORTATION DEPARTMENT**



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN  
 DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING  
**TEMPORARY EROSION AND SEDIMENT CONTROL INLET PROTECTION**  
 REQUIRES STD. DWG. 212-1

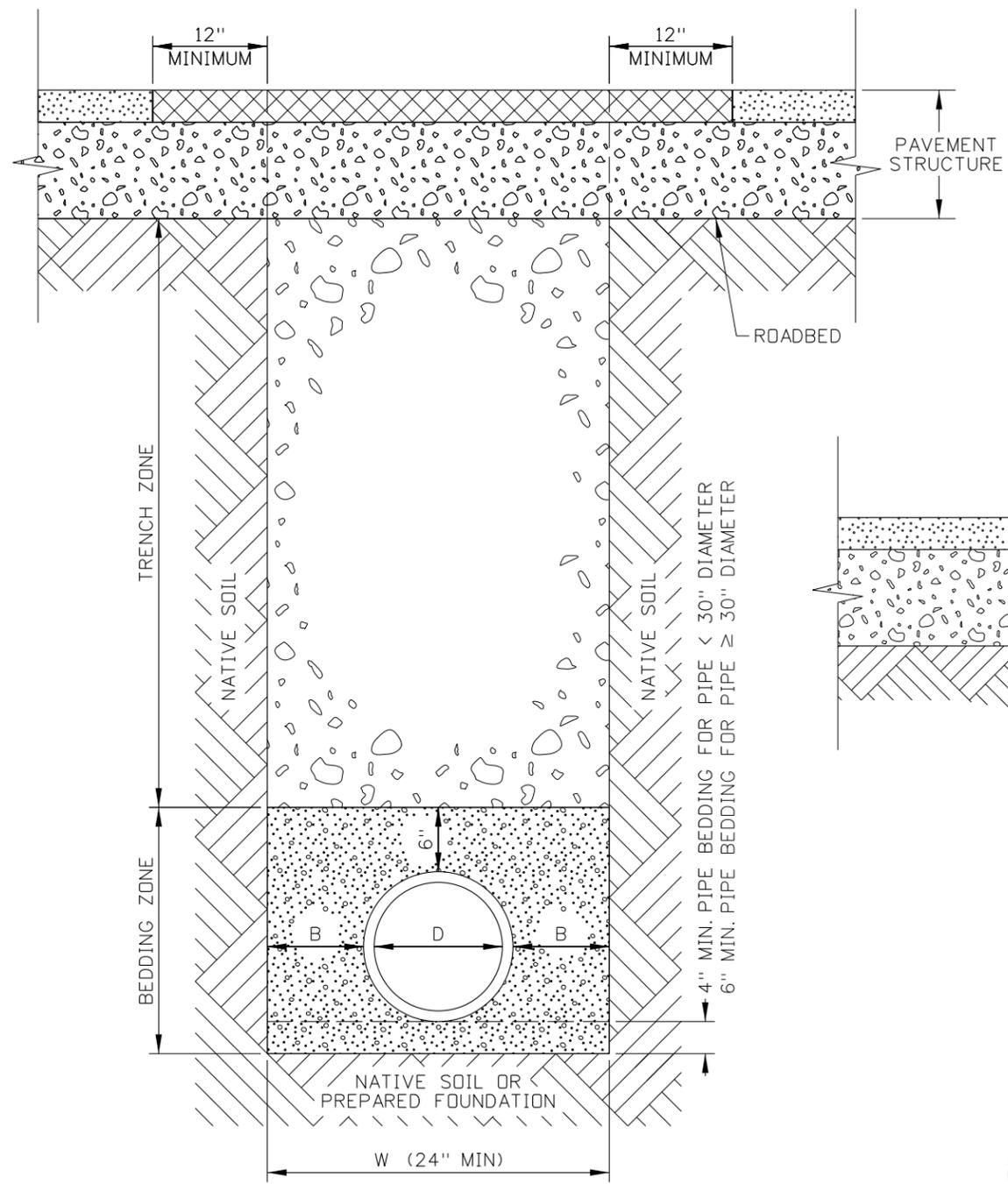
ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

**English**

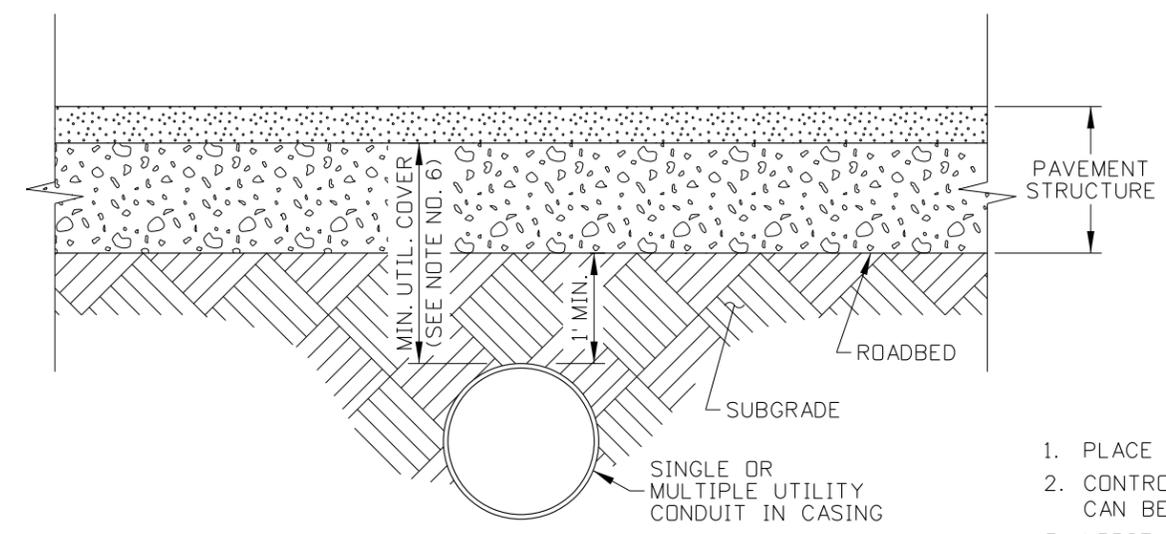
STANDARD DRAWING NO.  
**212-7**

SHEET 1 OF 1

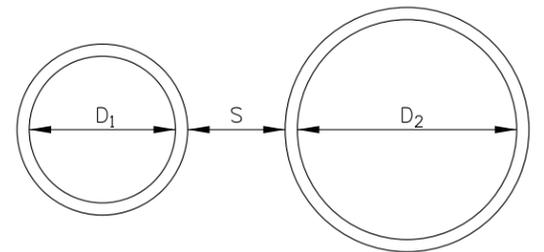




**TRENCHING**



**JACKING, DRIVING, OR BORING**



**MULTIPLE PIPE INSTALLATION DETAIL**  
(SEE NOTE NO. 4)

MATERIALS AND COMPACTION TABLE				
PIPE LOCATION	BEDDING ZONE		TRENCH ZONE	
	MATERIAL REQUIREMENT	COMPACTION REQUIREMENT	MATERIAL REQUIREMENT	COMPACTION REQUIREMENT
INSIDE ROADWAY PRISM	COARSE AGGREGATE FOR CONCRETE SIZE NO. 1, NO. 2A, OR NO. 2B (SUBSECTION 703.02)	ENGINEER ACCEPTANCE	3/4" AGGREGATE FOR BASE (SUBSECTION 703.04) (SEE NOTE NO. 1)	CLASS A COMPACTION (SECTION 205) OR 95% OF IT-74
OUTSIDE ROADWAY PRISM	COARSE AGGREGATE FOR CONCRETE SIZE NO. 1, NO. 2A, OR NO. 2B (SUBSECTION 703.02)	ENGINEER ACCEPTANCE	GRANULAR BORROW OR NATIVE MATERIALS WITH MAXIMUM SIZE OF 6" AND FREE FROM WOOD WASTE OR DELETERIOUS MATERIALS. (SEE NOTE NO. 1)	CLASS D COMPACTION (SECTION 205)

MINIMUM DIMENSION TABLE (SEE NOTE NOS. 3 AND 4)		
D (INCHES)	B (INCHES)	S (INCHES)
≤ 6	10	24
7 TO 15	12	24
16 TO 30	18	24
> 30	24	GREATER OF 24 OR D/2

**NOTES**

1. PLACE MATERIAL IN ACCORDANCE WITH SECTION 210.
2. CONTROLLED DENSITY FILL (CDF) IN ACCORDANCE WITH SECTION 522 CAN BE USED IF APPROVED BY THE ENGINEER.
3. LOOSE LIFT THICKNESS DIRECTLY ON TOP OF PIPE MAY BE INCREASED WITH APPROVAL TO PREVENT DAMAGE TO PIPE DURING COMPACTION.
4. WHEN TWO DIFFERENT DIAMETER PIPES ARE INSTALLED, USE THE LARGER D DIMENSION TO DETERMINE THE S DIMENSION.
5. WHEN THE PIPE DIAMETER IS 36 INCHES OR GREATER AND THE PIPE IS INSTALLED DURING EMBANKMENT CONSTRUCTION, USE B DIMENSION EQUAL TO THE PIPE DIAMETER.
6. PROVIDE THE FOLLOWING MINIMUM COVER DEPTHS:  
 WATER: 4'  
 LIQUID OR GAS PETROLEUM: 4'  
 ELECTRICAL MAIN LINE: 4'  
 COMMUNICATIONS OR ELECTRONICS: 2'  
 UTILITY OWNERS AND LOCAL PUBLIC AGENCIES MAY HAVE DIFFERENT MINIMUM COVER DEPTHS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE REQUIRED COVER DEPTHS.
7. PERFORM TRENCHING PER OSHA REQUIREMENTS.
8. DO NOT DISTURB THE INSTALLED PIPE OR CONDUIT, OR LEAVE VOIDS WHEN USING TRENCH BOXES OR SHIELDS.
9. DRAWINGS NOT TO SCALE.

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	12-15	RDL	6	03-21	TWF			
2	03-16	RDL						
3	06-17	RDL						
4	06-18	HEB						
5	11-18	TWF						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME: 601-1\_0421.dgn  
 DRAWING DATE: MAY 2014

**IDAHO TRANSPORTATION DEPARTMENT**



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN  
 DESIGN/TRAFFIC SERVICES ENGINEER

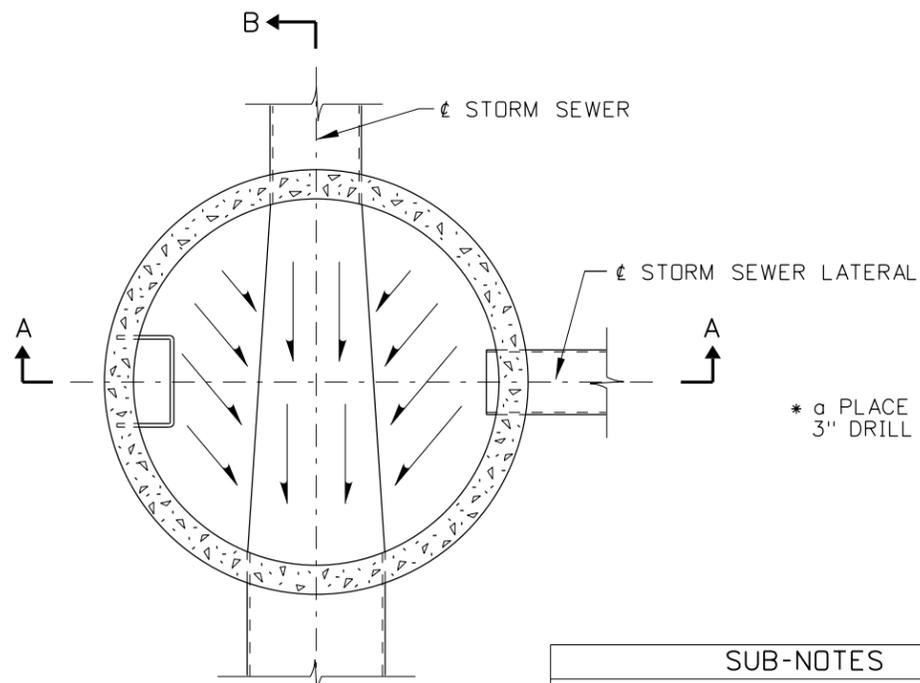
STANDARD DRAWING  
**PIPE AND CONDUIT INSTALLATION**

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

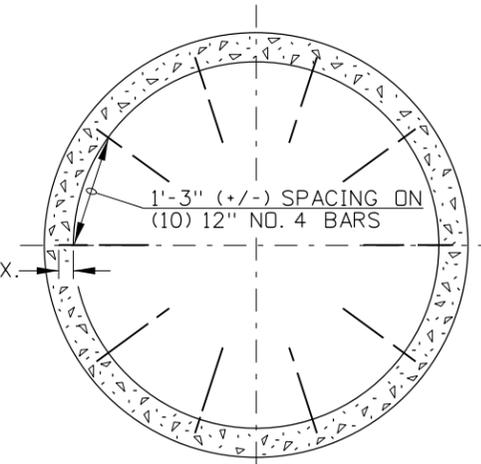
**English**

STANDARD DRAWING NO.  
**601-1**

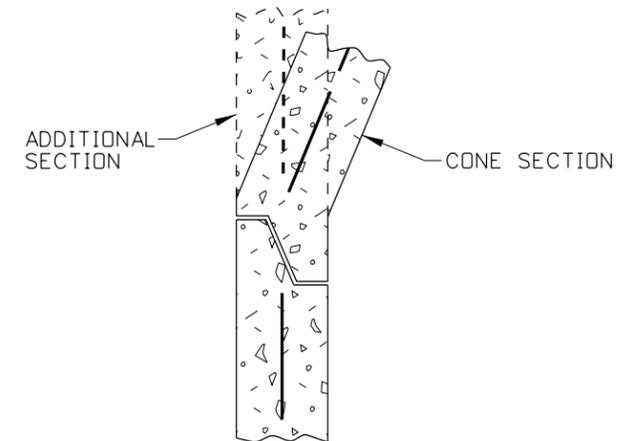
SHEET 1 OF 1



SECTION C-C  
(SCALE 1/2"=1')



FLOOR METAL REINFORCEMENT



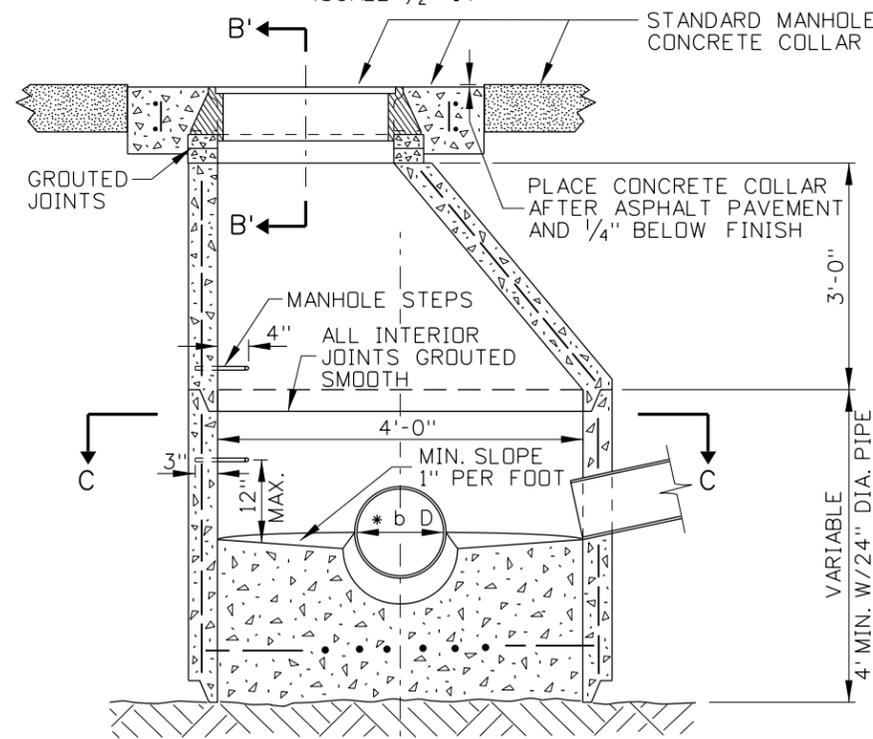
PRECAST CONSTRUCTION JOINT DETAIL

(NO SCALE)

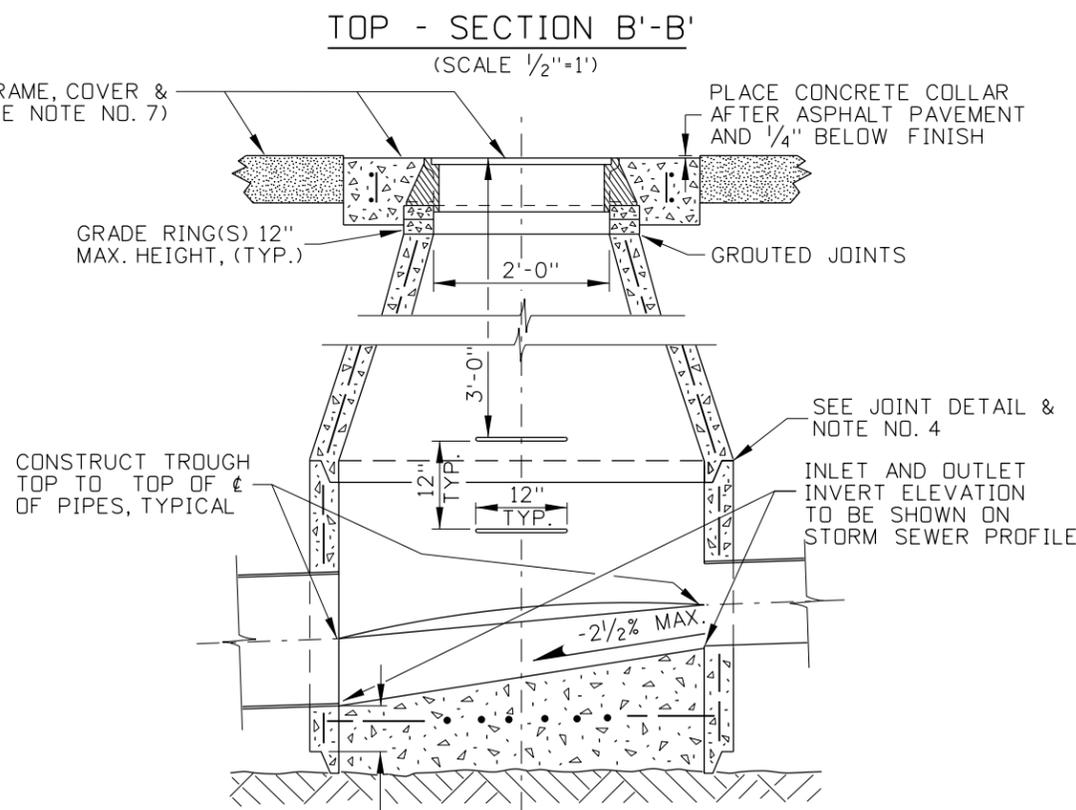
NOTES

- CARE SHALL BE TAKEN TO AVOID PLACING MANHOLES IN WHEEL PATHS.
- MANHOLES TYPE A MAY BE EITHER PRECAST OR CAST-IN-PLACE. PRECAST MANHOLES SHALL MEET THE REQUIREMENTS OF ASTM C478. PRIOR APPROVAL OF THE SHOP DRAWING WILL BE REQUIRED ON PRECAST UNITS WITH FLOOR AND/OR PIPE OPENINGS.
- CAST-IN-PLACE MANHOLES TYPE A SHALL CONFORM TO SECTION 609 - MINOR STRUCTURES OF THE CURRENT ITD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. CAST-IN-PLACE MANHOLES SHALL HAVE 6" WALLS AND MINIMUM 8" FLOORS. THE METAL REINFORCEMENT USED ON THE WALLS AND FLOORS SHALL BE NO. 4 BARS. ALL REINFORCEMENT SHALL HAVE A MINIMUM CONCRETE COVER OF 2" AND/OR 3" IF CAST AGAINST EARTH.
- ALL CONNECTIONS AND BROKEN AREAS SHALL BE GROUTED SMOOTH TO FORM A WATER TIGHT MANHOLE. MASTIC SEALANTS, GASKETS, AND O-RINGS USED ON PRECAST SECTION(S) CONSTRUCTION JOINT(S) SHALL CONFORM TO AASHTO AND ASTM REQUIREMENTS.
- BENDS IN THE MAIN STORM SEWER SHALL BE MADE BY FORMING CURVED CHANNELS WITHIN THE MANHOLE. THE INSIDE OF THE TOP LATERAL PIPES MAY NOT BE LOWER THAN THE INSIDE TOP OF MAIN SEWER PIPES. WHEN THE INVERT OF A LATERAL PIPE FALLS BELOW THE 1" PER FOOT MINIMUM SLOPE LINE, THE CHANNEL SHALL BE FORMED FROM THE LATERAL PIPE TO THE MAIN SEWER.
- WHEN MANHOLE STEPS ARE REQUIRED AN ECCENTRIC CONE SECTION SHALL BE USED. PLASTIC COATED MANHOLE STEPS SHALL BE PLACED IN MANHOLES GREATER THAN 4' IN DEPTH. PLASTIC COATED MANHOLE STEPS SHALL CONFORM TO IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION.
- USE OF A PLASTIC MANHOLE FRAME SUPPORT, I. E. WHIRLY-GIG OR COMPARABLE DEVICE, IS AN ACCEPTABLE CONSTRUCTION OPTION (FOR FURTHER INFORMATION REFER TO STANDARD DRAWING 605-13).
- CHEMICAL RESISTANT LINERS MAY BE REQUIRED (SEE PLANS AND/OR SPECIAL PROVISIONS).
- STANDARD DRAWING 605-13 SHALL ACCOMPANY THIS DRAWING.

SUB-NOTES	
* a	PRECAST UNITS ONLY
* b	24" MAXIMUM PIPE DIA., FOR LARGER PIPE USE MANHOLE TYPE D.



SECTION A-A  
(SCALE 1/2"=1')



TOP - SECTION B'-B'  
(SCALE 1/2"=1')



BOTTOM - SECTION B-B  
(SCALE 1/2"=1')

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	03-64		6	12-93	MSM	11	09-10
2	04-71		7	11-01	MSM		
3	05-74		8	06-03	MSM		
4	02-75		9	12-04	MSM		
5	12-92	MSM	10	05-07	MSM		

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME: 605-10\_1010.dgn  
DRAWING DATE: JUNE, 1961

**IDAHO TRANSPORTATION DEPARTMENT**

BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS  
ASSISTANT CHIEF ENGINEER (DEVELOPMENT)

ORIGINAL SIGNED BY: TOM COLE  
CHIEF ENGINEER

STANDARD DRAWING

**MANHOLE TYPE A**

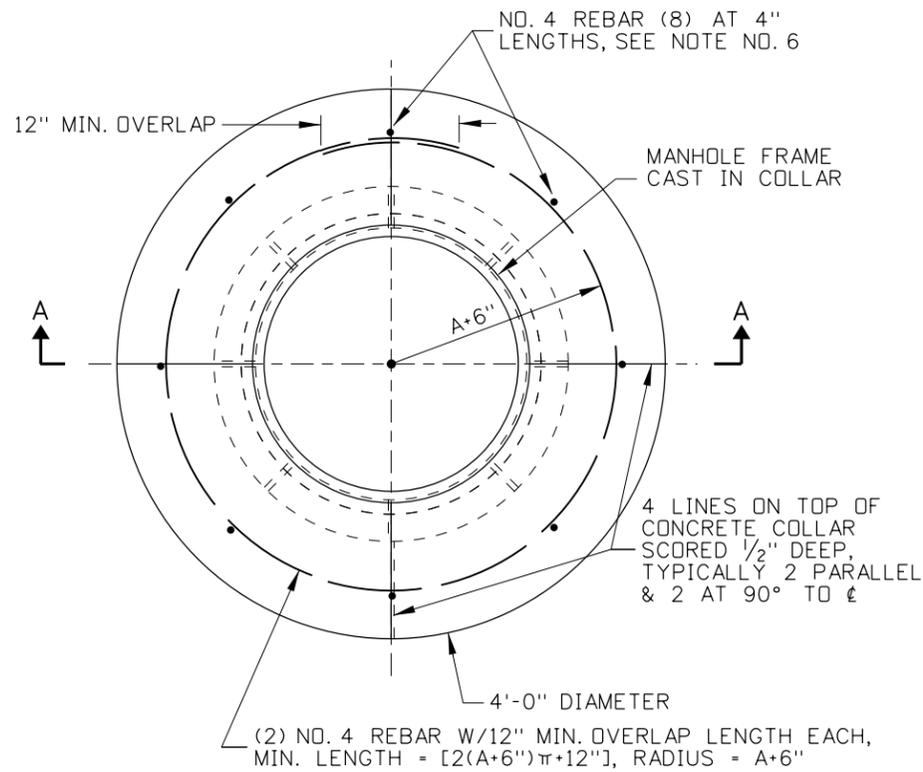
REQUIRES STD. DWG. 605-13

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

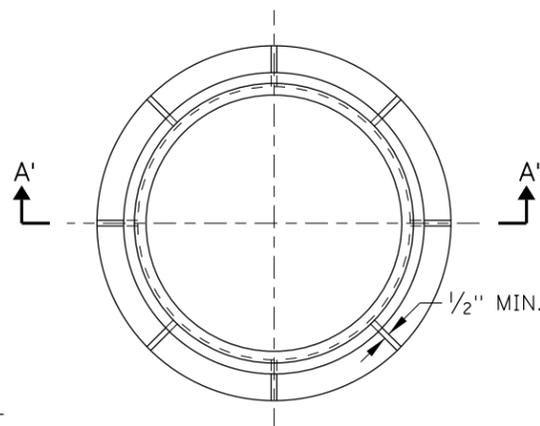
**English**

STANDARD DRAWING NO. **605-10**

SHEET 1 OF 1

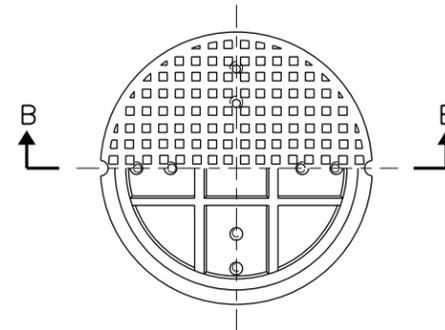


CONCRETE COLLAR PLAN



FRAME PLAN

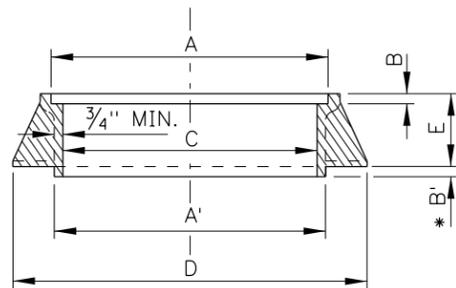
COVER PLAN - TOP HALF VIEW



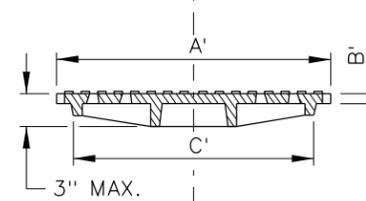
COVER PLAN - BOTTOM HALF VIEW

STANDARD MANHOLE FRAME BASIC DIMENSIONS	
A	24 1/8"
B	1"
C	21" MIN.
D	31" MIN.
E	5"
STANDARD MANHOLE COVER BASIC DIMENSIONS	
A'	23 7/8"
* B'	1"
C'	20"

\* B' MANHOLE FRAME BOTTOM TO FIT INSIDE ANOTHER FRAME LID OPENING



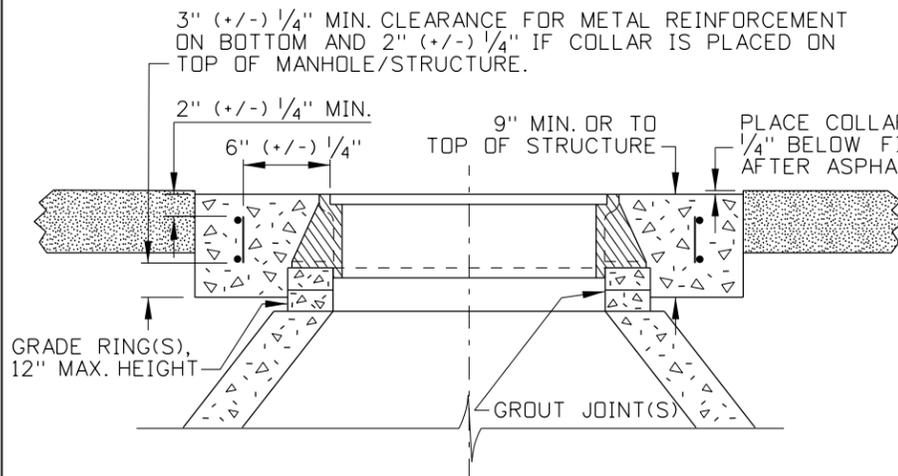
SECTION A-A



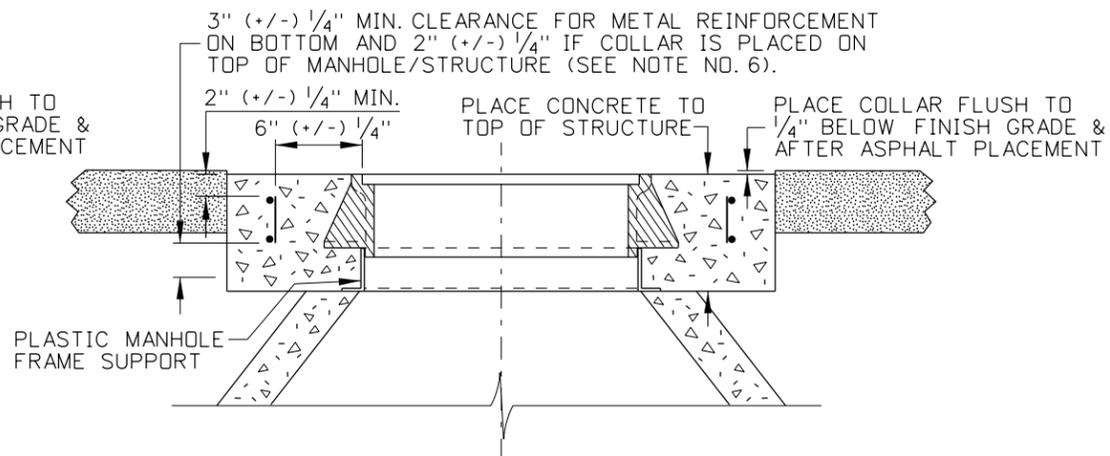
SECTION B-B

NOTES

1. THE MINIMUM WEIGHT OF THE FRAMES SHALL BE 150LBS. AND THE MINIMUM WEIGHT OF COVERS SHALL BE 110LBS. THESE FRAMES AND COVERS ARE TO BE USED IN ALL TRAFFIC AND NON-TRAFFIC AREAS.
2. FRAMES AND COVERS SHALL CONFORM TO AASHTO M 306-05 AND SHALL BE MADE OF CLASS 35B GRAY IRON.
3. THE LAYOUT AND DIMENSIONS OF THE WEBS ARE TYPICAL MINIMUMS. PROPRIETARY MANHOLE COVERS WITHOUT WEBS ARE ACCEPTABLE PROVIDED THEY MEET AASHTO M 306-05 AND MINIMUM WEIGHT REQUIREMENTS. ALL COVER DESIGNS SHALL BE PROVIDED WITH AN ANTI-SHIFT SKIRT THAT EXTENDS A MINIMUM OF 1" BELOW THE COVER SEAT.
4. THE SURFACE SHOWN IS FOR ILLUSTRATION ONLY. ANY SURFACE DESIGN, OTHER THAN SMOOTH, MAY BE USED UPON APPROVAL.
5. A CAST-IN-PLACE CONCRETE COLLAR SHALL BE PLACED AROUND THE MANHOLE FRAME UNLESS OTHERWISE DIRECTED. THE CONCRETE COLLAR SHALL MEET THE REQUIREMENTS OF SECTION 609 - MINOR STRUCTURES, OF THE CURRENT ITD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
6. THE CONCRETE COLLAR SHALL BE PLACED TO THE TOP OF THE MANHOLE/STRUCTURE OR HAVE A MINIMUM THICKNESS OF 9". WHEN THE CONCRETE COLLAR IS PLACED ON TOP OF A MANHOLE/STRUCTURE THE THICKNESS SHALL NOT BE LESS THAN THE "F DIMENSION" OF THE FRAME. THE VERTICAL METAL REINFORCEMENT LENGTHS MAY BE ADJUSTED WHEN THE COLLAR IS PLACED ON TOP OF A STRUCTURE/MANHOLE.
7. USE OF A PLASTIC MANHOLE FRAME SUPPORT, I.E. WHIRLY-GIG OR COMPARABLE DEVICE, IS AN ACCEPTABLE CONSTRUCTION OPTION.
8. NOT TO SCALE.



MANHOLE FRAME SUPPORTED WITH CONC. COLLAR RINGS (SEE NOTE NO. 6)



PLASTIC MANHOLE FRAME SUPPORT (SEE NOTE NO. 7)

SECTION A-A

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	06-61	NS	6	10-05	MSM		
2	02-74		7	06-07	MSM		
3	12-92	MSM	8	09-10	PLR		
4	05-95	MSM					
5	11-01	MSM					

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME: 605-13\_1010.dgn  
 DRAWING DATE: JUNE, 1961

IDAHO TRANSPORTATION DEPARTMENT



BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS  
 ASSISTANT CHIEF ENGINEER (DEVELOPMENT)  
 ORIGINAL SIGNED BY: TOM COLE  
 CHIEF ENGINEER

STANDARD DRAWING

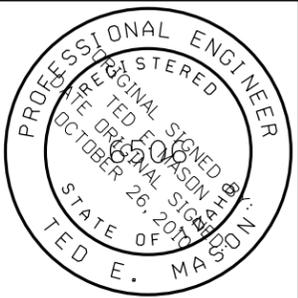
MANHOLE FRAME, COVER, & CONCRETE COLLAR

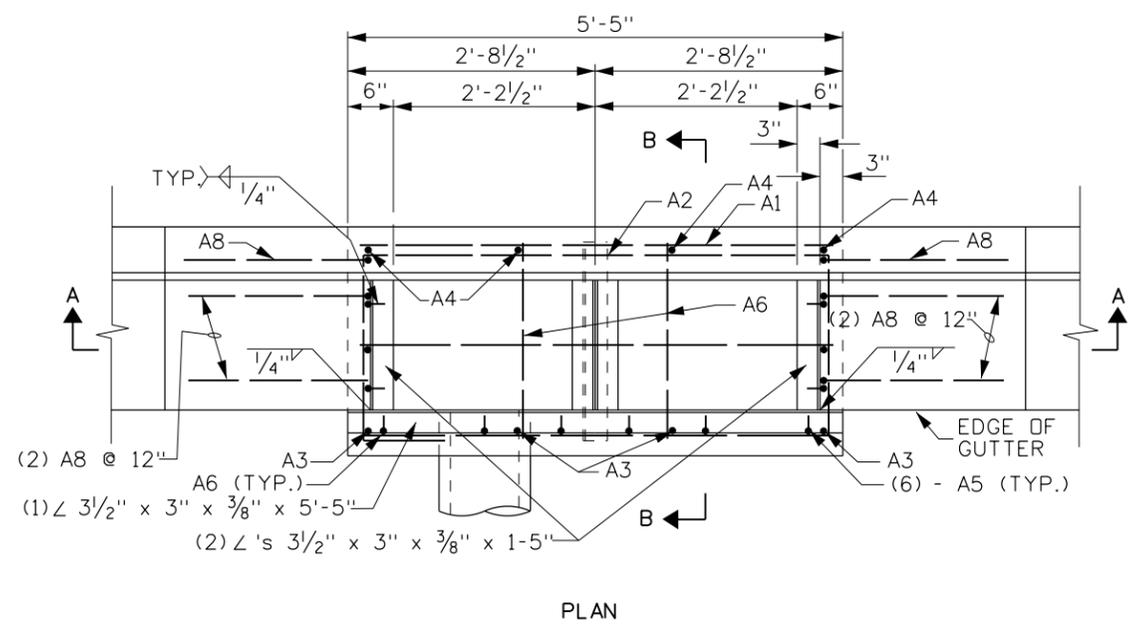
English

STANDARD DRAWING NO. 605-13

SHEET 1 OF 1

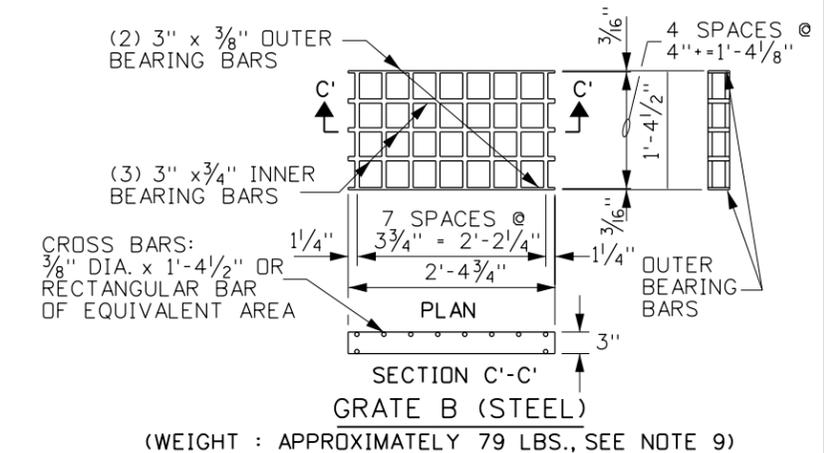
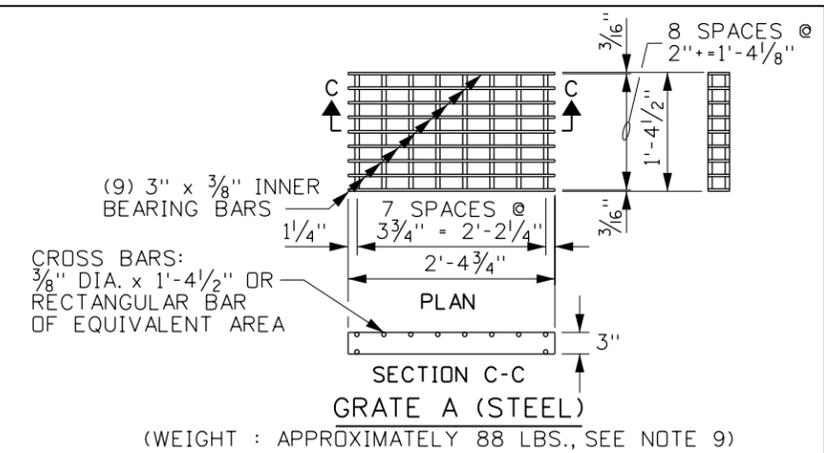
ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho





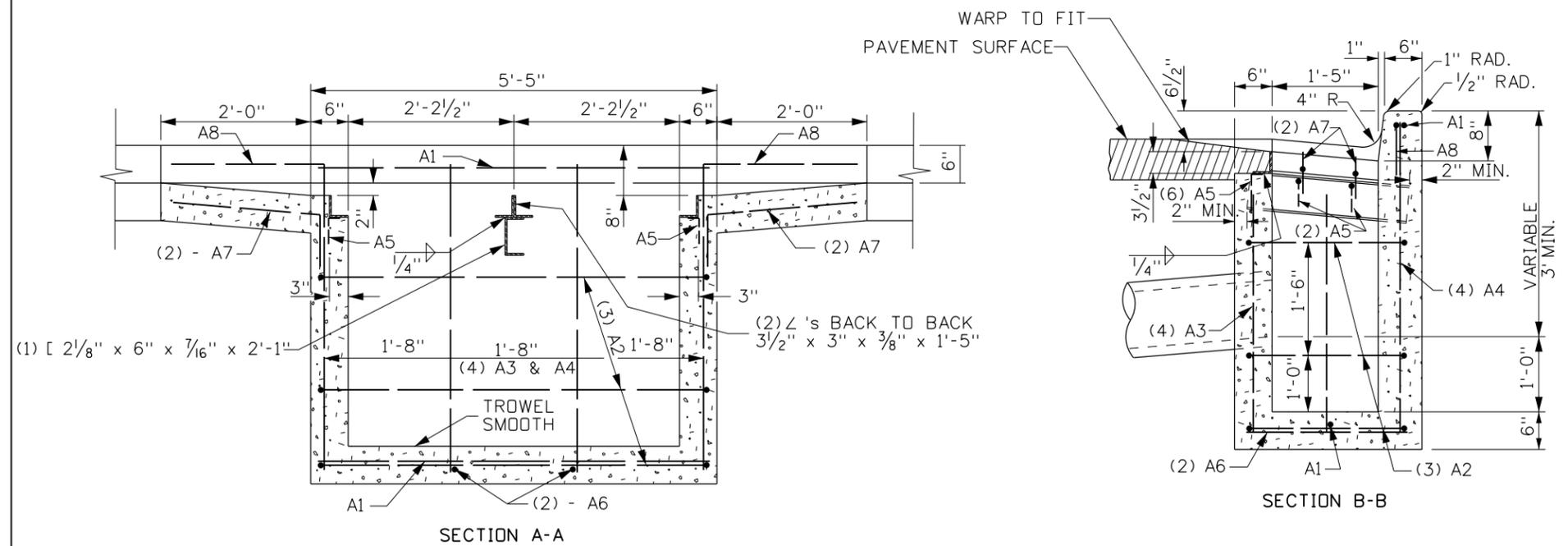
BAR LIST					
MARK	LOCATION	SIZE	TOTAL LENGTH	NO.	SKETCH
A1	FLOOR & WALLS	4	5'-1"	2	5'-1"
A2	WALLS	4	15'-1"	3	5'-0" 5'-0" 1" MIN. OVERLAP
* A3	FRONT WALL	4	3'-7"	4	3'-7"
* A4	BACK WALL	4	4'-1"	4	4'-1"
A5	GRATE DOWEL	4	7"	10	2 L 5"
A6	WALL	4	2'-2"	2	2'-2"
A7	GUTTER & SIDE WALLS	4	2'-9"	4	5° 2'-0" 6"
A8	CURB & BACK WALL	4	3'-3"	2	2'-0" 1'-3"

113.75 L.F. AT 0.668 LBS/FT. = 76.00 LBS  
\* (SEE NOTE NO. 7)



NOTES

- CATCH BASINS MAY EITHER BE PRECAST OR CAST-IN-PLACE. PRECAST UNITS SHALL MEET THE REQUIREMENTS OF ASTM C913. PRIOR APPROVAL OF THE SHOP DRAWING WILL BE REQUIRED ON MODIFIED UNITS.
- CAST-IN-PLACE CATCH BASINS SHALL CONFORM TO SECTION 609 - MINOR STRUCTURES OF THE CURRENT ITD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- A 1" SIDE DRAFT IS ALLOWED FOR FORM REMOVAL.
- THE GRADE LINE OF THE TOP INSIDE OF ANY PIPE SHALL ENTER AT A POINT NO LOWER THAN THE TOP INSIDE OF THE OUTLET PIPE.
- PIPES CAN ENTER OR LEAVE THE BOX IN ANY DIRECTION. ALL CONNECTIONS AND BROKEN AREAS SHALL BE GROUTED SMOOTH.
- STEEL ANGLES SHALL BE SET SO THAT EACH BEARING BAR OF PREFABRICATED GRATE SHALL HAVE FULL BEARING ON BOTH ENDS. THE FINISHED TOP OF CONCRETE SHALL BE EVEN WITH THE ANGLE/GRATE SURFACE. THE STRUCTURAL STEEL NEED NOT BE PAINTED BUT SHALL MEET THE REQUIREMENTS OF ASTM A 36.
- ALL METAL REINFORCEMENT USED SHALL BE NO. 4 BARS. THE METAL REINFORCEMENT SHALL BE SMOOTH CUT TO ACCOMMODATE PIPES. VERTICAL BARS NEED TO BE LENGTHENED FOR CATCH BASINS DEEPER THAN 4'-6".
- GRATE B WILL BE USED ONLY WHEN SPECIFIED.
- GRAY IRON CAST TO THE DIMENSIONS GIVEN FOR THE STEEL GRATES MAY BE USED. THE CASTINGS SHALL CONFORM TO AASHTO M306 CLASS 35B GRAY IRON CASTINGS.
- CATCH BASIN GRATES MAY EITHER BE RESISTANCE WELDED OR ARC WELDED. IN EITHER CASE THE GRATE SHALL BE TRUE AND FLUSH.
- NOT TO SCALE.



CATCH BASIN - DETAILS

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	10-80		6	03-01	MSM		
2	04-82		7	12-04	MSM		
3	03-84		8	11-08	JRV		
4	01-89						
5	12-94	MSM					

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME: 605-23\_1108.dgn  
DRAWING DATE: OCTOBER, 1980

**IDAHO TRANSPORTATION DEPARTMENT**

BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS  
ASSISTANT CHIEF ENGINEER (DEVELOPMENT)

ORIGINAL SIGNED BY: TOM COLE  
CHIEF ENGINEER

STANDARD DRAWING

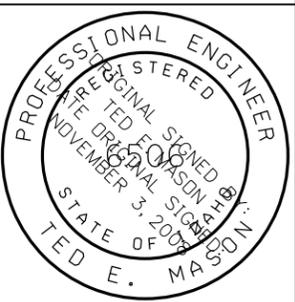
**CATCH BASIN TYPE 6**

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

**English**

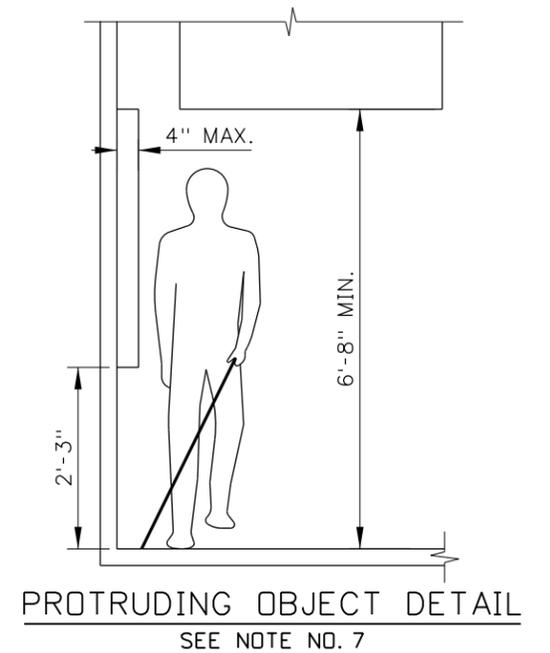
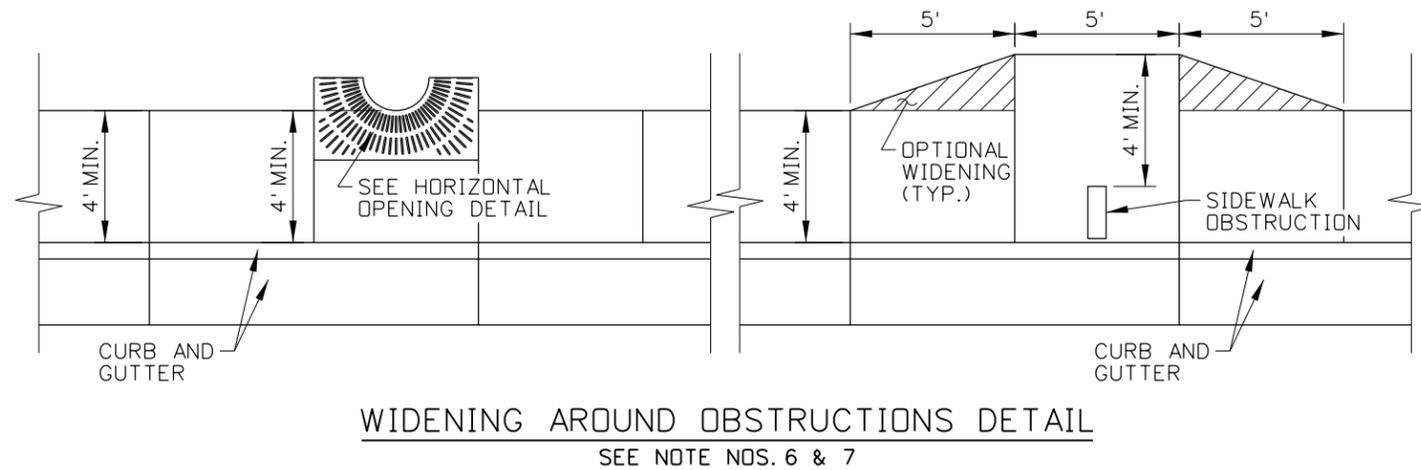
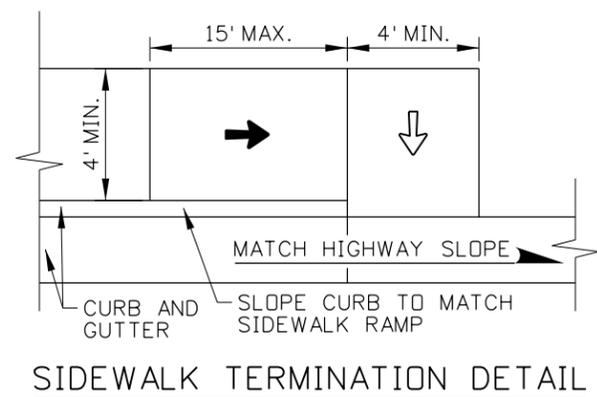
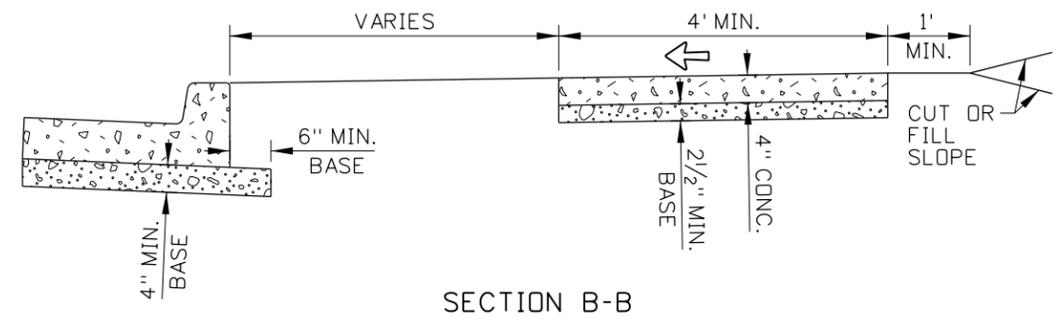
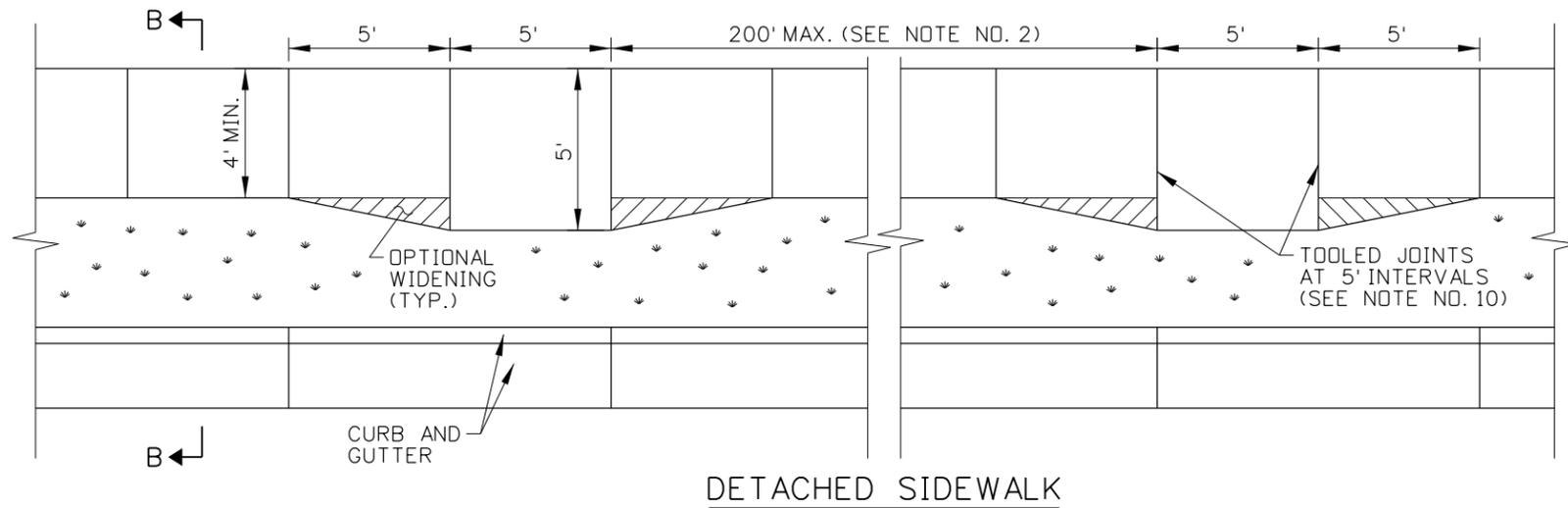
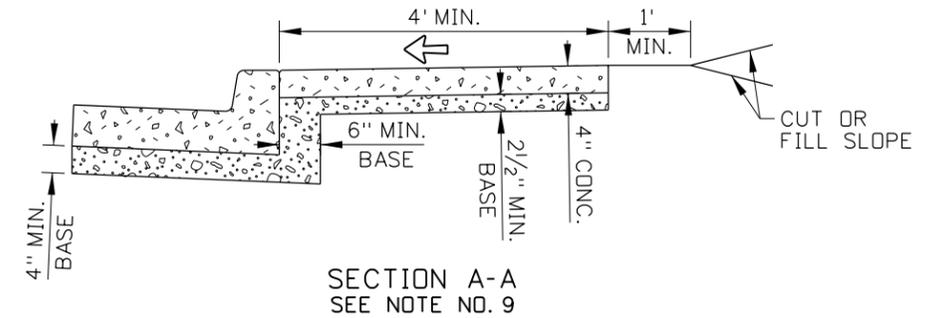
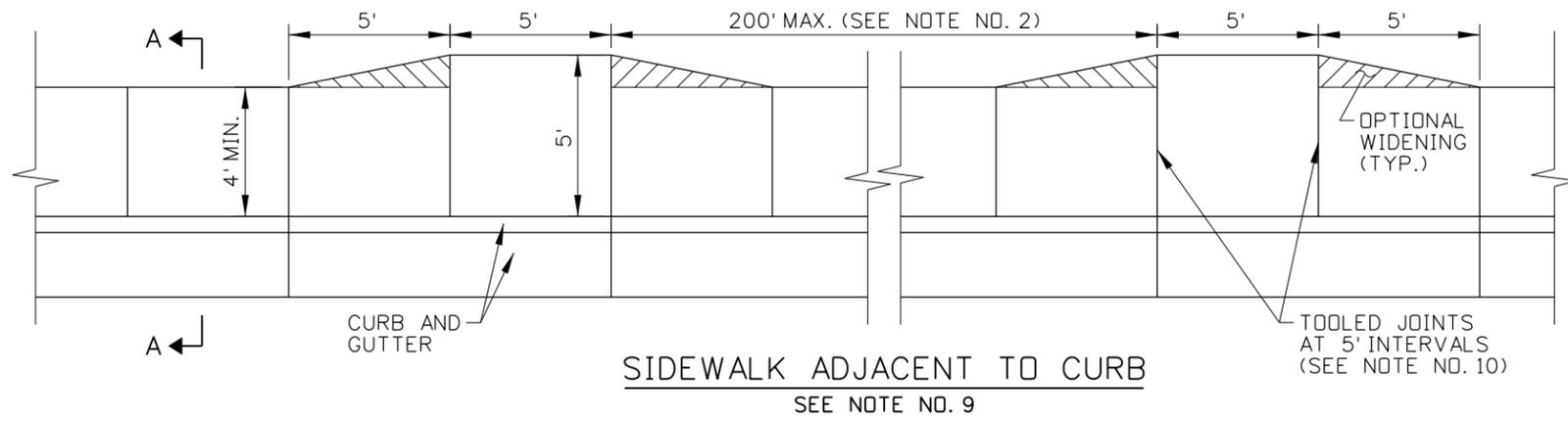
STANDARD DRAWING NO. **605-23**

SHEET 1 OF 1



**SYMBOL LEGEND**

- ↖ 1.0% TO 2.0% SLOPE
- ↙ 5.0% TO 8.3% RUNNING SLOPE, 2.0% OR FLATTER CROSS SLOPE



ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME: 614-1\_0615.dgn  
DRAWING DATE: MAY, 2015

**IDAHO TRANSPORTATION DEPARTMENT**



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN  
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING  
**SIDEWALKS**

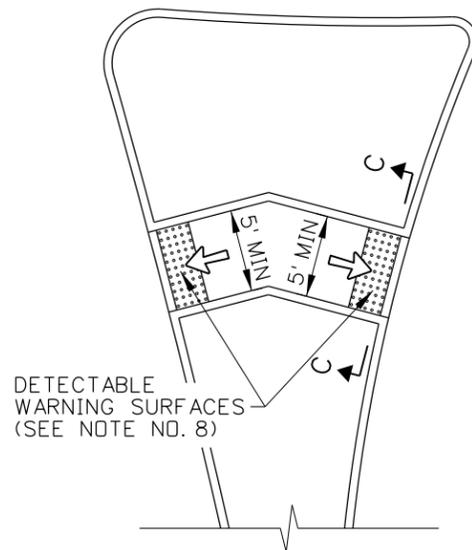
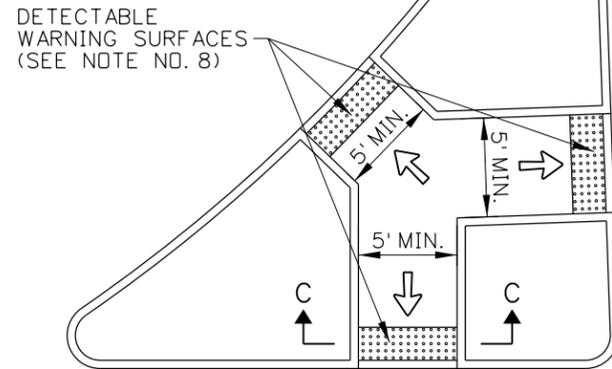
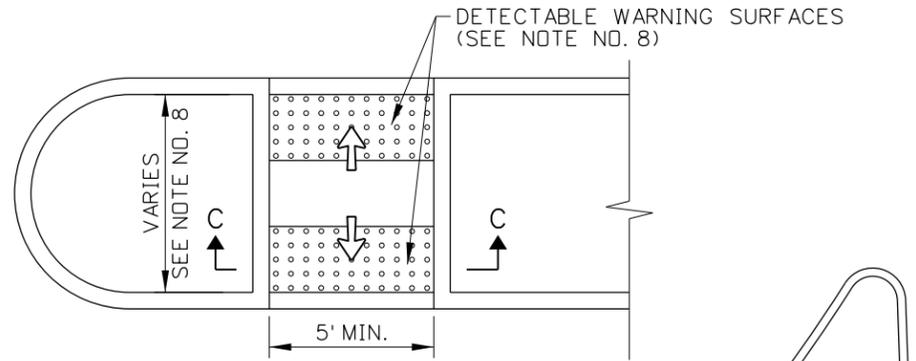
**English**  
STANDARD DRAWING NO.  
**614-1**  
SHEET 1 OF 2

**SYMBOL LEGEND**

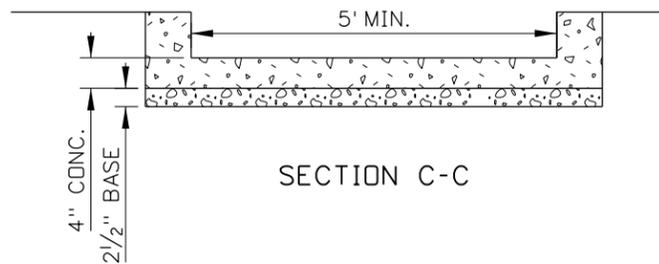
- ↖ 1.0% TO 2.0% SLOPE
- ↙ 5.0% TO 8.3% RUNNING SLOPE,  
2.0% OR FLATTER CROSS SLOPE

**NOTES**

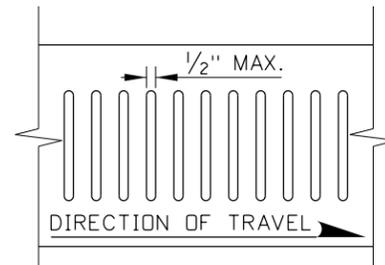
1. SIDEWALKS MAY CONSIST OF A PEDESTRIAN CIRCULATION PATH AND A PEDESTRIAN ACCESS ROUTE. THE PEDESTRIAN CIRCULATION PATH IS A PREPARED SURFACE PROVIDED FOR PEDESTRIAN TRAVEL IN THE PUBLIC RIGHT-OF-WAY. THE PEDESTRIAN ACCESS ROUTE IS A CONTINUOUS AND UNOBSTRUCTED PATH OF TRAVEL PROVIDED FOR PEDESTRIANS WITH DISABILITIES WITHIN OR COINCIDING WITH A PEDESTRIAN CIRCULATION PATH.
2. PROVIDE AT LEAST 4' OF CONTINUOUS CLEAR WIDTH OF PEDESTRIAN ACCESS ROUTE, EXCLUSIVE OF THE CURB WIDTH. WHERE SIDEWALKS ARE WIDER THAN 4', ONLY A PORTION OF THE SIDEWALK IS REQUIRED TO BE PART OF THE PEDESTRIAN ACCESS ROUTE.  
  
PROVIDE A PASSING SPACE AT 200' OR SHORTER INTERVALS WHEN THE CLEAR WIDTH OF THE PEDESTRIAN ACCESS ROUTE IS LESS THAN 5'. ENSURE THAT THE DIMENSIONS OF THE PASSING SPACE ARE AT LEAST 5' BY 5'. INTERSECTING SIDEWALKS, DRIVEWAYS, AND ALLEYS MAY BE USED AS PASSING SPACES.
3. ENSURE THAT THE GRADE OF THE PEDESTRIAN ACCESS ROUTE DOES NOT EXCEED THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT HIGHWAY.
4. ENSURE THAT THE CROSS SLOPE OF THE PEDESTRIAN ACCESS ROUTE WITHIN THE SIDEWALK DOES NOT EXCEED TWO PERCENT.
5. VERTICAL SURFACE DISCONTINUITIES MAY OCCASIONALLY OCCUR AT EXPANSION JOINTS, UTILITY COVERS, VAULT FRAMES, AND GRATINGS WITHIN THE SIDEWALK. ENSURE THAT VERTICAL SURFACE DISCONTINUITIES DO NOT EXCEED 1/2". BEVEL VERTICAL SURFACE DISCONTINUITIES BETWEEN 1/4" AND 1/2" WITH A 2:1 SLOPE ACROSS THE ENTIRE VERTICAL SURFACE DISCONTINUITY.
6. ENSURE THAT HORIZONTAL OPENINGS IN GRATINGS AND JOINTS DO NOT PERMIT PASSAGE OF A SPHERE MORE THAN 1/2" IN DIAMETER.
7. OBJECTS PROTRUDING INTO OR OVERHANGING A PEDESTRIAN CIRCULATION PATH MUST NOT REDUCE THE MINIMUM CLEAR WIDTH OF THE PEDESTRIAN ACCESS ROUTE. PROTRUDING OBJECTS INCLUDE STREET FURNITURE, STREET LIGHTS, UTILITY POLES, EQUIPMENT CABINETS, SIGN POSTS AND SIGNS, PARKING METERS, TRASH RECEPTACLES, PUBLIC TELEPHONES, MAILBOXES, NEWSPAPER VENDING MACHINES, BENCHES, TRANSIT SHELTERS, KIOSKS, BICYCLE RACKS, PLANTERS AND PLANTED TREES, AND STREET SCULPTURES.  
  
ENSURE THAT OBJECTS WITH LEADING EDGES BETWEEN 2'-3" AND 6'-8" ABOVE THE FINISH SURFACE DO NOT PROTRUDE MORE THAN 4" HORIZONTALLY INTO THE PEDESTRIAN CIRCULATION PATH.
8. PROVIDE DETECTABLE WARNING SURFACES ON PEDESTRIAN REFUGE ISLANDS WITH CURB RAMPS OR WHEN CUT-THROUGH AT STREET LEVEL AND REFUGE ISLAND WIDTHS ARE GREATER THAN SIX FEET IN THE DIRECTION OF PEDESTRIAN TRAVEL. DO NOT INSTALL DETECTABLE WARNING SURFACES AT PEDESTRIAN REFUGE ISLANDS THAT ARE CUT-THROUGH AT STREET LEVEL AND ARE LESS THAN SIX FEET IN WIDTH IN THE DIRECTION OF PEDESTRIAN TRAVEL. SEE STANDARD DRAWING 614-3 FOR DETECTABLE WARNING SURFACE DETAILS.
9. USE A BOND PREVENTATIVE BETWEEN THE SIDEWALK AND CURB WHEN CONSTRUCTED SEPARATELY AND PLACED ADJACENT TO EACH OTHER.
10. ALIGN CURB AND SIDEWALK JOINTS. CONSTRUCT JOINTS AT 5' INTERVALS THAT ARE APPROXIMATELY 1/8" WIDE AND 3/4" IN DEPTH. CONSTRUCT A LONGITUDINAL JOINT WHEN THE SIDEWALK IS 8' WIDE OR WIDER. INSTALL A PREFORMED EXPANSION JOINT FILLER EVERY 40'.
11. DRAWING NOT TO SCALE.



**PEDESTRIAN REFUGE ISLAND DETAILS**

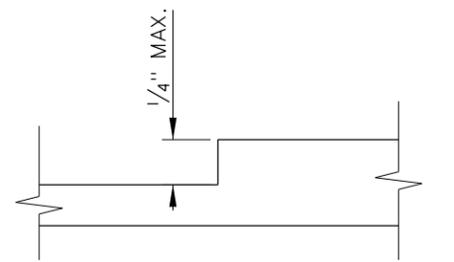


**SECTION C-C**

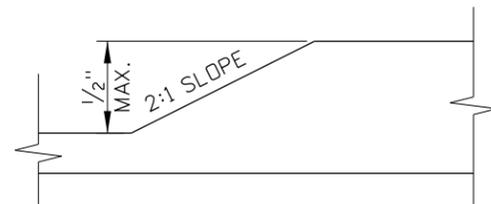


**HORIZONTAL OPENING DETAIL**

SEE NOTE NO. 6



**VERTICAL DISCONTINUITY OF 1/4" OR LESS**



**VERTICAL DISCONTINUITY BETWEEN 1/4" AND 1/2"**

**VERTICAL SURFACE DISCONTINUITY DETAIL**

SEE NOTE NO. 5

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
CADD FILE NAME: 614-1\_0615.dgn  
DRAWING DATE: MAY, 2015

**IDAHO TRANSPORTATION DEPARTMENT**



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN  
DESIGN/TRAFFIC SERVICES ENGINEER

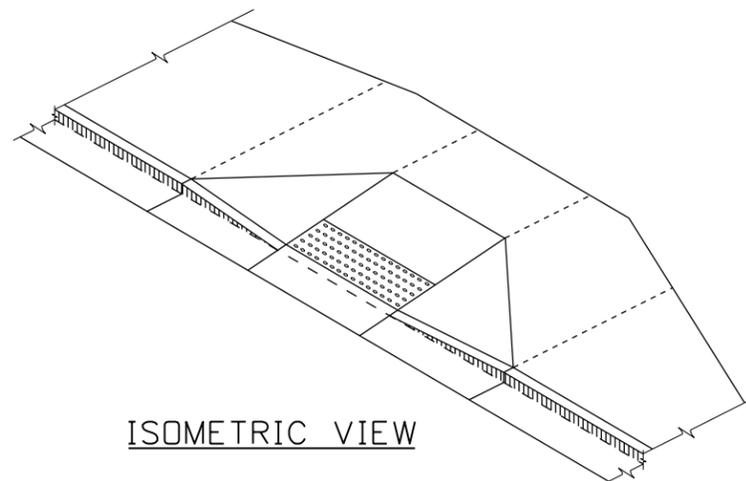
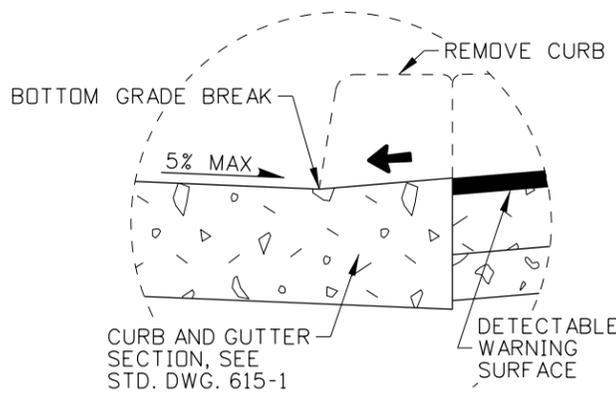
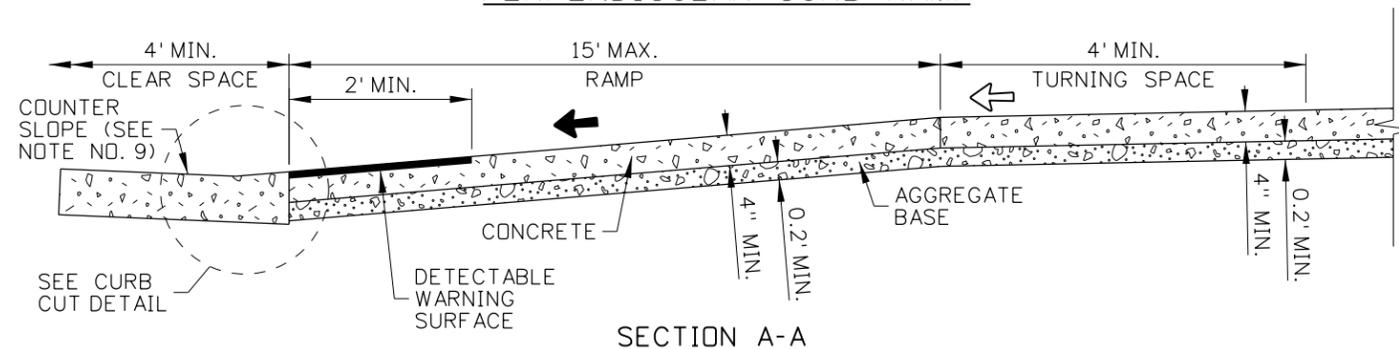
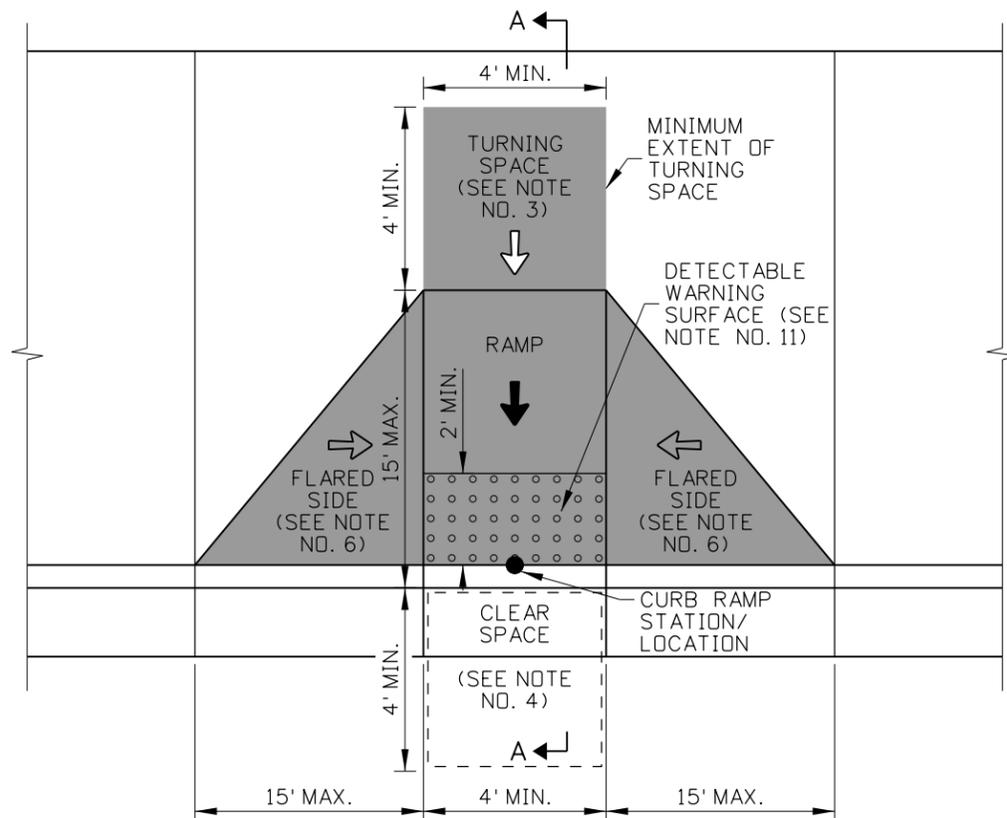
STANDARD DRAWING  
**SIDEWALKS**

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

**English**

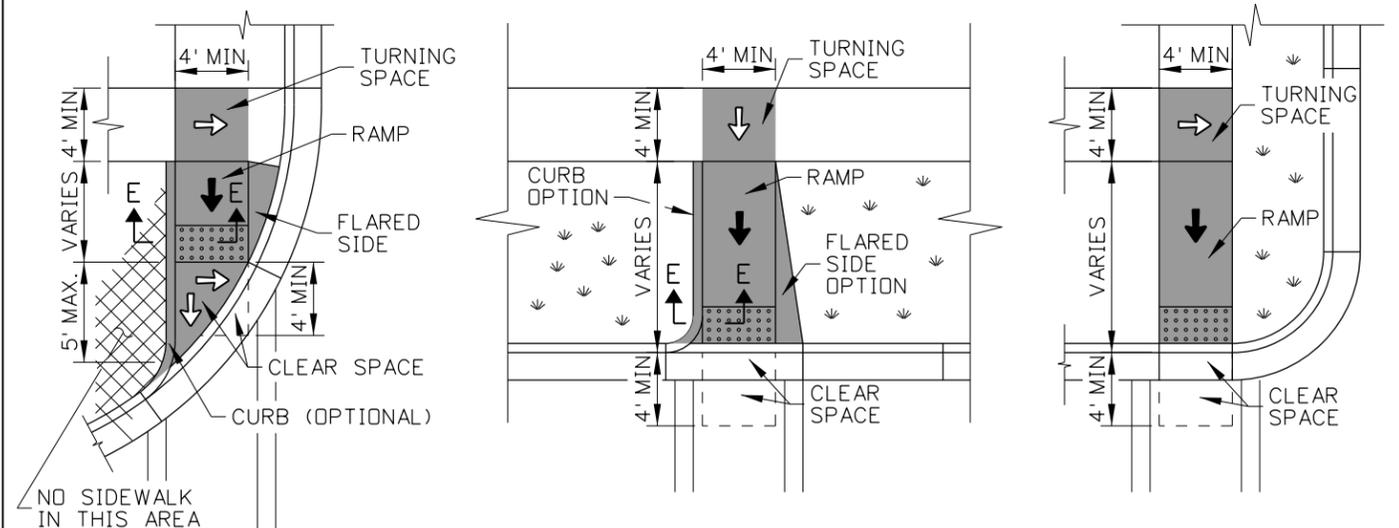
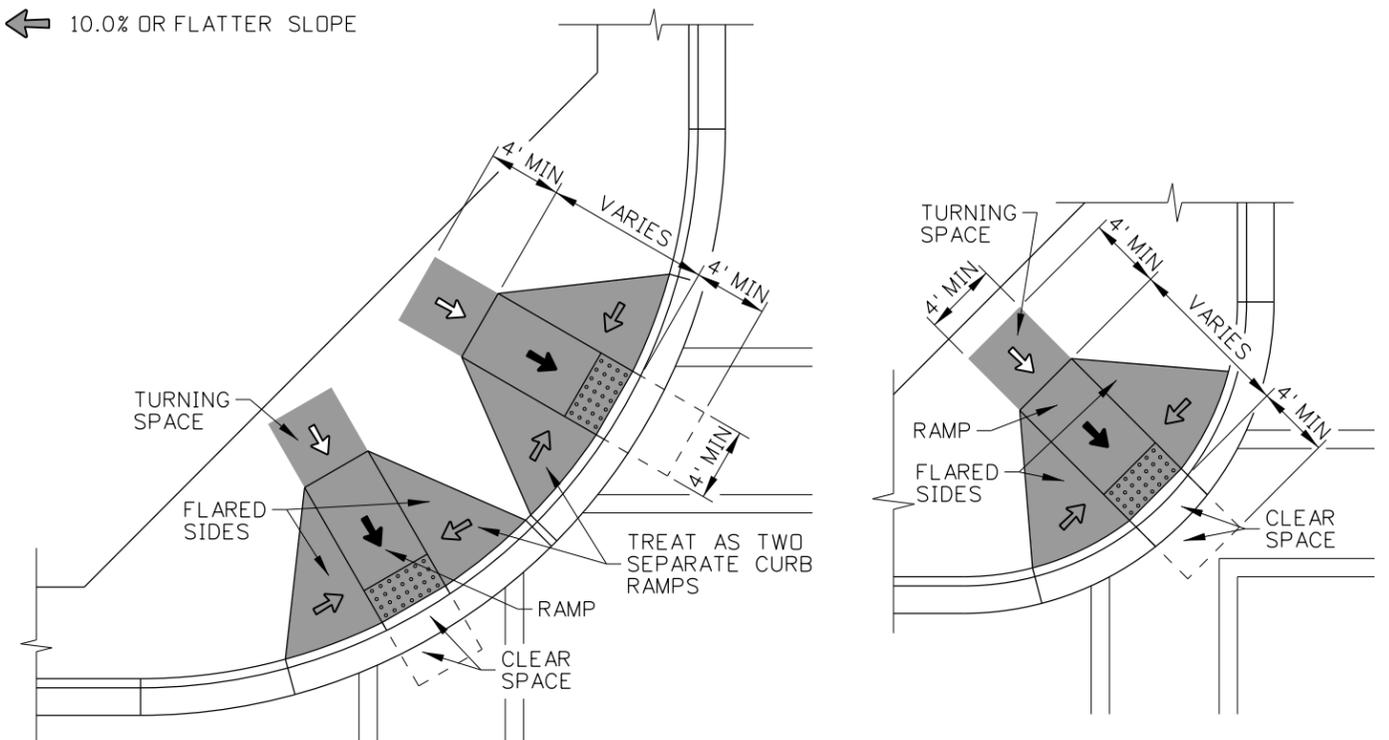
STANDARD DRAWING NO. **614-1**

SHEET 2 OF 2



**SYMBOL LEGEND**

- ↖ 1.0% TO 2.0% SLOPE
- ↙ 5.0% TO 8.3% RUNNING SLOPE, 2.0% OR FLATTER CROSS SLOPE
- ↘ 10.0% OR FLATTER SLOPE



REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	09-93	MSM	6	07-03	MSM	11	07-10	JAW
2	12-95	MSM	7	12-04	MSM	12	09-11	TEM
3	06-98	MSM	8	06-05	MSM	13	05-15	RDL
4	08-01	MSM	9	05-06	MSM			
5	10-02	MSM	10	05-07	MSM			

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: 614-3\_0615.dgn

DRAWING DATE: JUNE, 1990

**IDAHO TRANSPORTATION DEPARTMENT**



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN  
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

**CURB RAMPS**

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

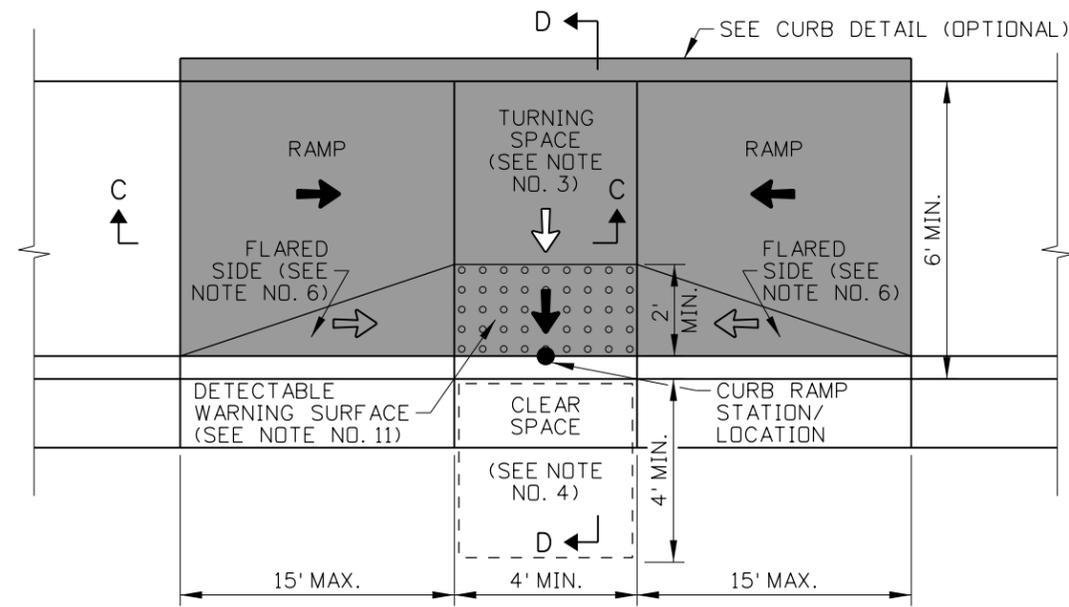
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STANDARD DRAWING NO. **614-3**

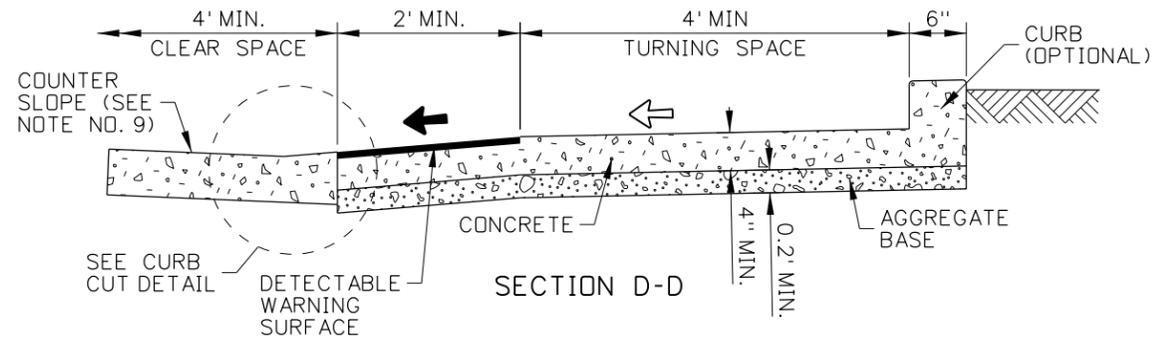
SHEET 1 OF 4

PROFESSIONAL ENGINEER  
LICENSED  
13683  
RYAN D. LANCASTER  
STATE OF IDAHO

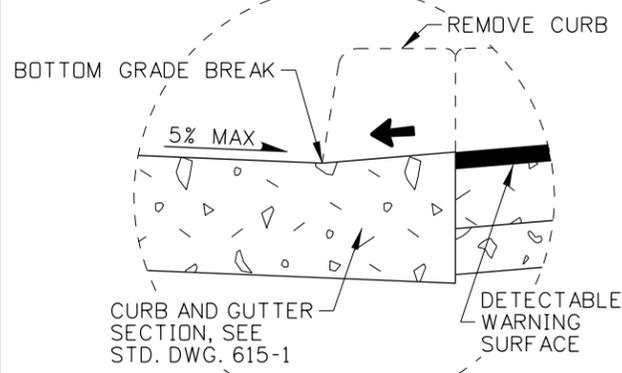




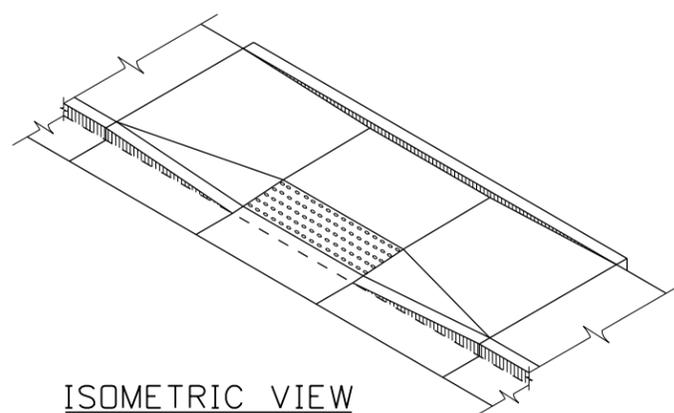
COMBINATION CURB RAMP



SECTION D-D



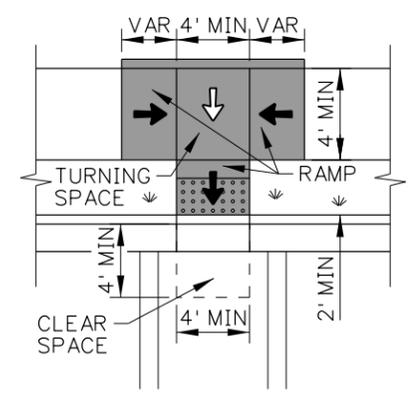
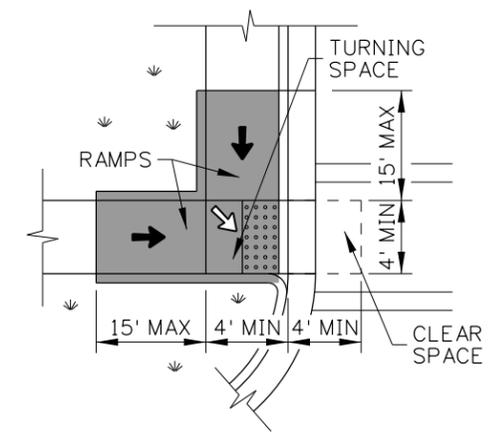
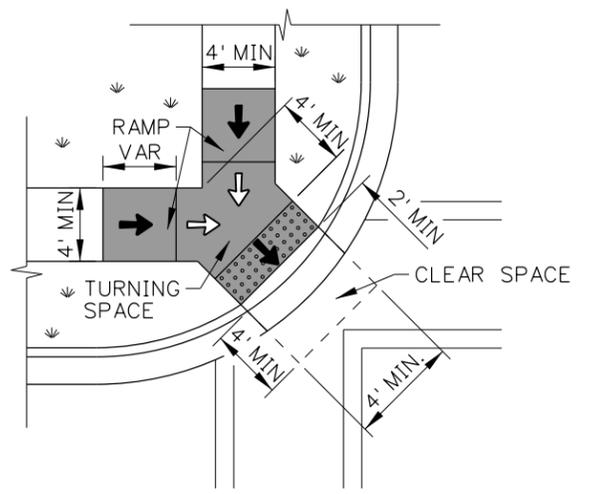
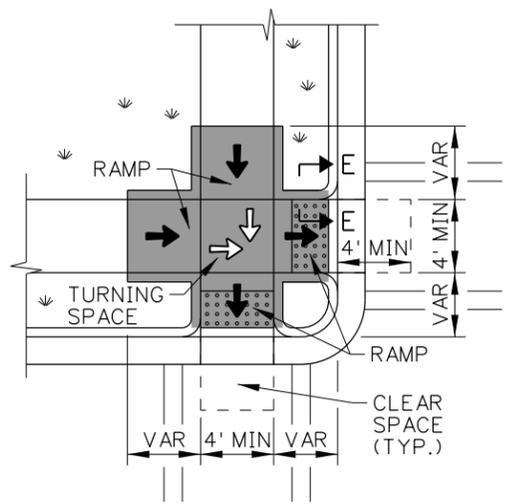
CURB CUT DETAIL



ISOMETRIC VIEW

SYMBOL LEGEND

- ↔ 1.0% TO 2.0% SLOPE
- ↖ 5.0% TO 8.3% RUNNING SLOPE, 2.0% OR FLATTER CROSS SLOPE
- ↗ 10.0% OR FLATTER SLOPE



EXAMPLE APPLICATIONS

REVISIONS								
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2	12-95	MSM	7	12-04	MSM	12	09-11	TEM
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4	08-01	MSM	9	05-06	MSM			
5	10-02	MSM	10	05-07	MSM			

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME: 614-3\_0615.dgn  
 DRAWING DATE: JUNE, 1990

**IDAHO TRANSPORTATION DEPARTMENT**

BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN  
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STANDARD DRAWING  
**CURB RAMPS**

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

**English**

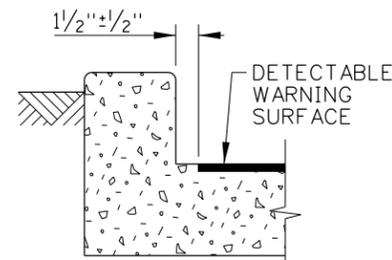
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SHEET 3 OF 4

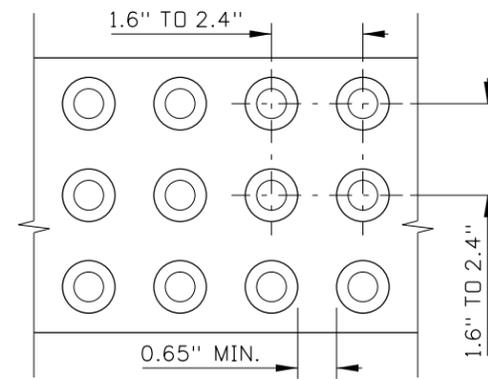
PROFESSIONAL ENGINEER  
 LICENSED  
 RYAN D. LANCASTER  
 STATE OF IDAHO  
 13683

**SYMBOL LEGEND**

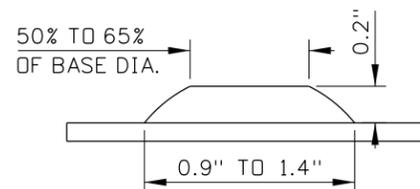
- ← 1.0% TO 2.0% SLOPE
- ← 5.0% TO 8.3% RUNNING SLOPE, 2.0% OR FLATTER CROSS SLOPE
- ← 10.0% OR FLATTER SLOPE



SECTION E-E

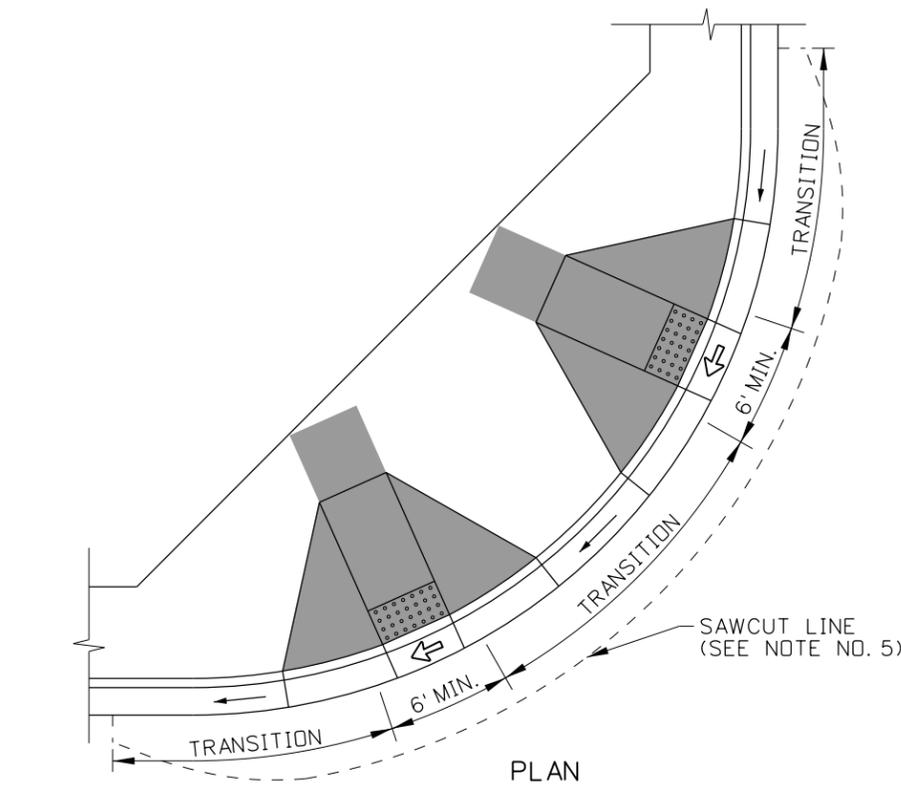


DOME SPACING

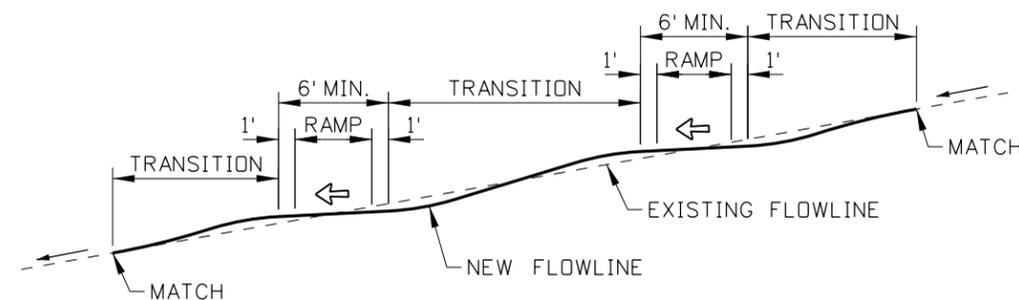


DOME SIZE

**DETECTABLE WARNING SURFACE DETAILS**  
SEE NOTE NO. 11



PLAN



PROFILE

**FLOWLINE PROFILE DETAIL**  
SEE NOTE NO. 5

**NOTES**

1. EXTENTS OF CURB RAMP PAY ITEMS ARE SHOWN IN GRAY SHADING.
2. CURB RAMP CAN BE PERPENDICULAR, PARALLEL, OR A COMBINATION OF PARALLEL AND PERPENDICULAR RAMP. EXAMPLE APPLICATIONS OF EACH ARE SHOWN ON SHEETS 1, 2, AND 3.  
PERPENDICULAR CURB RAMP: PERPENDICULAR CURB RAMP HAS A RAMP THAT CUTS THROUGH THE CURB AT RIGHT ANGLES OR MEETS THE GUTTER GRADE BREAK AT RIGHT ANGLES WHEN THE CURB IS CURVED.  
PARALLEL CURB RAMP: PARALLEL CURB RAMP HAS A RAMP OR RAMPS IN-LINE WITH THE DIRECTION OF SIDEWALK TRAVEL AND LOWER THE SIDEWALK TO A LEVEL TURNING SPACE WHERE A TURN IS MADE TO ENTER THE PEDESTRIAN STREET CROSSING.  
COMBINATION CURB RAMP: COMBINATION CURB RAMP HAS FEATURES FROM PERPENDICULAR AND PARALLEL CURB RAMP.
3. PROVIDE A TURNING SPACE WITH A 2.0% OR FLATTER SLOPE IN EACH DIRECTION. TURNING SPACES MAY OVERLAP WITH OTHER TURNING SPACES AND CLEAR SPACES.  
PERPENDICULAR CURB RAMP: PROVIDE A 4' BY 5' MINIMUM TURNING SPACE WHEN THE TURNING SPACE IS CONSTRAINED AT THE BACK-OF-SIDEWALK.  
PARALLEL CURB RAMP: PROVIDE A 4' BY 5' TURNING SPACE WHEN THE TURNING SPACE IS CONSTRAINED ON TWO OR MORE SIDES. ENSURE THAT THE 5' DIMENSION IS PROVIDED IN THE DIRECTION OF THE PEDESTRIAN STREET CROSSING.
4. PROVIDE A CLEAR SPACE BEYOND THE BOTTOM OF THE GRADE BREAK THAT IS WITHIN THE WIDTH OF THE PEDESTRIAN STREET CROSSING AND WHOLLY OUTSIDE THE PARALLEL VEHICLE TRAFFIC LANE.
5. CROSS SLOPE IS THE SLOPE PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAVEL. ENSURE THAT THE CROSS SLOPE OF THE RAMP AND TURNING SPACE DOES NOT EXCEED TWO PERCENT. AT PEDESTRIAN STREET CROSSINGS WITHOUT YIELD OR STOP CONTROL AND AT MIDBLOCK PEDESTRIAN STREET CROSSINGS, THE CROSS SLOPE MAY MATCH THE STREET OR HIGHWAY GRADE. FLATTEN THE GUTTER FLOWLINE THROUGH CURB RAMP TO TWO PERCENT OR FLATTER WHEN NEEDED. WHEN THE PAVEMENT IS SAWCUT TO FLATTEN THE FLOWLINE, VARY THE WIDTH OF THE SAWCUT SO THAT THE PAVEMENT PATCH SMOOTHLY MATCHES THE EXISTING PAVEMENT.
6. PROVIDE FLARED SIDES ON PERPENDICULAR CURB RAMP, OR COMBINATION CURB RAMP WHERE A PEDESTRIAN CIRCULATION PATH CROSSES THE CURB RAMP. THE FLARED SIDES ARE PART OF THE PEDESTRIAN CIRCULATION PATH, BUT ARE NOT PART OF THE PEDESTRIAN ACCESS ROUTE. THE SLOPE OF THE FLARED SIDES IS MEASURED PARALLEL TO THE CURB LINE. FLARED SIDES ARE NOT NEEDED OR MAY BE STEEPER WHEN THE PEDESTRIAN CIRCULATION PATH DOES NOT CROSS THE CURB RAMP.
7. THE PEDESTRIAN CIRCULATION PATH IS A PREPARED SURFACE PROVIDED FOR PEDESTRIAN TRAVEL IN THE PUBLIC RIGHT-OF-WAY. THE PEDESTRIAN ACCESS ROUTE IS A CONTINUOUS AND UNOBSTRUCTED PATH OF TRAVEL PROVIDED FOR PEDESTRIANS WITH DISABILITIES WITHIN OR COINCIDING WITH A PEDESTRIAN CIRCULATION PATH.
8. ENSURE THAT GRADE BREAKS ARE PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN AND ARE FLUSH. DO NOT CREATE GRADE BREAKS ON THE SURFACE OF RAMP RUNS AND TURNING SPACES.
9. ENSURE THAT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE FOOT OF CURB RAMP RUNS DOES NOT EXCEED FIVE PERCENT.
10. WHERE PRACTICAL, PLACE UTILITY COVERS, VAULT FRAMES, AND GRATINGS OUTSIDE RAMP RUNS, TURNING SPACES, OR GUTTER AREAS. LOCATE CATCH BASINS AND INLETS OUTSIDE OF RAMP RUNS.
11. DETECTABLE WARNING SURFACES CONSIST OF TRUNCATED DOMES ALIGNED IN A SQUARE OR RADIAL GRID PATTERN. PROVIDE DETECTABLE WARNING SURFACES THAT CONTRAST VISUALLY WITH ADJACENT GUTTER, HIGHWAY, OR PEDESTRIAN ACCESS ROUTE SURFACE, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. ENSURE THAT THE DETECTABLE WARNING SURFACE EXTENDS THE FULL WIDTH OF THE RAMP RUN (EXCLUDING FLARED SIDES) OR TURNING SPACE.  
PERPENDICULAR AND COMBINATION CURB RAMP: WHERE THE ENDS OF THE BOTTOM GRADE BREAK ARE IN FRONT OF THE BACK OF CURB, PLACE THE DETECTABLE WARNING SURFACE AT THE BACK OF CURB.  
WHERE THE ENDS OF THE BOTTOM GRADE BREAK ARE BEHIND THE BACK OF CURB, PLACE THE DETECTABLE WARNING SURFACE ON THE RAMP RUN WITHIN ONE DOME SPACING OF THE BOTTOM GRADE BREAK AND WITHIN 5' OF THE BACK OF CURB.  
PARALLEL CURB RAMP: PLACE DETECTABLE WARNING SURFACE ON THE TURNING SPACE AT THE BACK OF CURB.
12. USE A BOND PREVENTATIVE BETWEEN THE CURB RAMP OR SIDEWALK AND CURB WHEN CONSTRUCTED SEPARATELY AND PLACED ADJACENT TO EACH OTHER.
13. ALIGN ALTERNATING CURB AND SIDEWALK JOINTS. CONSTRUCT JOINTS APPROXIMATELY 1/8" WIDE AND 3/4" IN DEPTH.
14. DRAWING NOT TO SCALE.

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
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2	12-95	MSM	7	12-04	MSM	12	09-11
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**IDAHO TRANSPORTATION DEPARTMENT**



BOISE IDAHO

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DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING  
**CURB RAMPS**

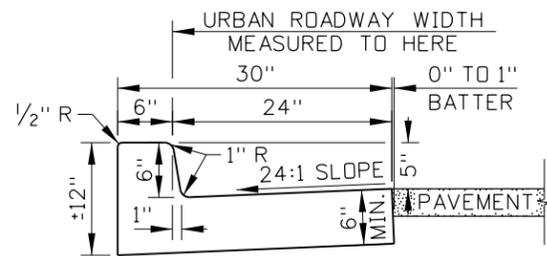
ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

**English**

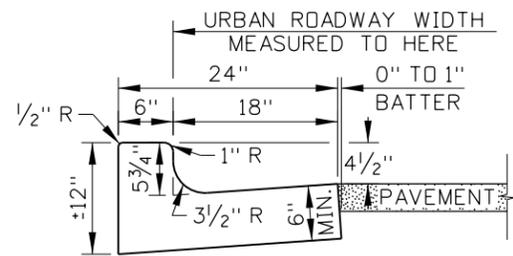
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SHEET 4 OF 4

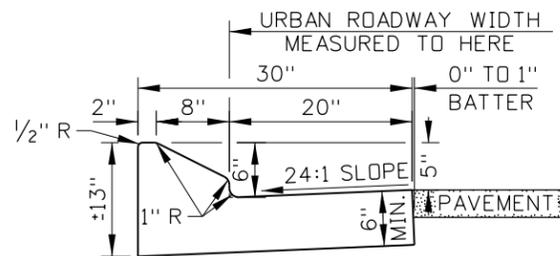




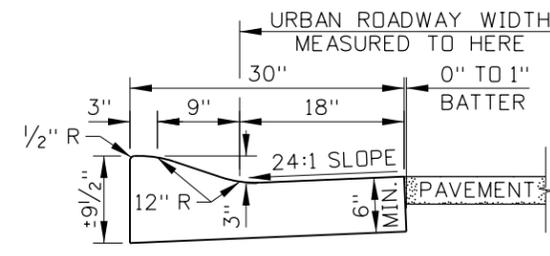
CURB AND GUTTER TYPE 1



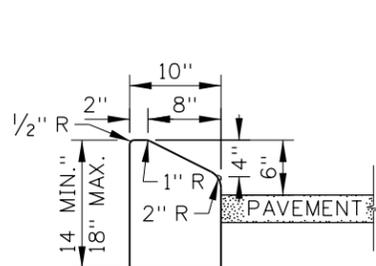
CURB AND GUTTER TYPE 2  
(SEE NOTE NO. 4)



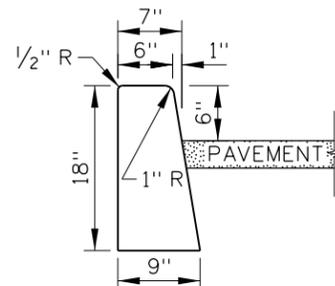
CURB AND GUTTER TYPE 3



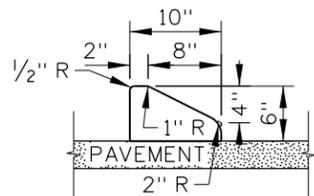
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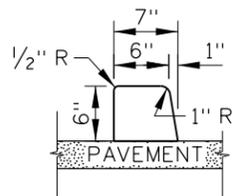
CURB TYPE 1



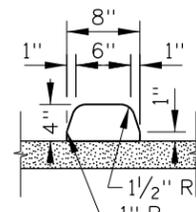
CURB TYPE 2



CURB TYPE 3  
(SEE NOTE NO. 3)



CURB TYPE 4  
(SEE NOTE NO. 3)



CURB TYPE 5  
(SEE NOTE NO. 3)

NOTES

1. TRANSITION BETWEEN DIFFERENT TYPES OVER 10 FEET.
2. PROVIDE 4 INCHES OF AGGREGATE BASE UNDER CURB AND GUTTER, CURB, OR GUTTER UNLESS THE CURB IS PLACED ON PAVEMENT.
3. PORTLAND CEMENT CONCRETE CURB OR TRAFFIC SEPARATOR ON ASPHALT CONCRETE PAVEMENT:

PROVIDE A KEY IN THE PAVEMENT AT THE CENTERLINE OF THE CURB OR TRAFFIC SEPARATOR. SEE THE KEY DETAIL.

CONCRETE CURBS OR TRAFFIC SEPARATORS MAY BE PINNED TO THE PAVEMENT STRUCTURE IN LIEU OF THE KEY. DRILL THE PAVEMENT AND PLACE PINS BEFORE THE CURB OR TRAFFIC SEPARATOR IS CONSTRUCTED. SEE THE PIN DETAIL.

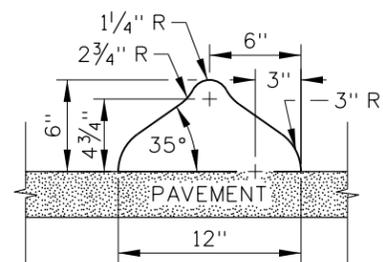
PORTLAND CEMENT CONCRETE CURB OR TRAFFIC SEPARATOR ON PORTLAND CEMENT CONCRETE PAVEMENT:

USE AN EPOXY BONDING AGENT. NO KEY IS NEEDED.

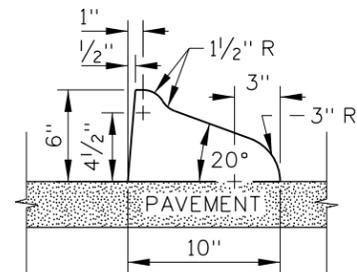
ASPHALT CONCRETE CURB OR TRAFFIC SEPARATOR ON ASPHALT CONCRETE PAVEMENT:

NO KEY IS NEEDED. ENSURE THAT THE CURB IS BONDED TO THE PAVEMENT.

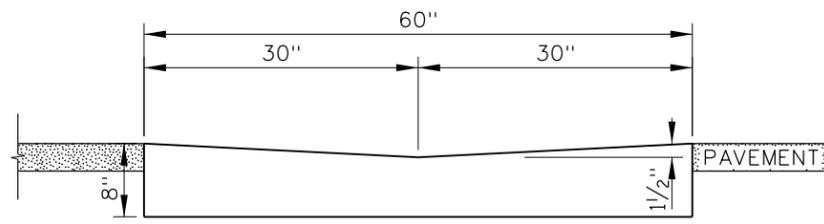
4. ENSURE THAT THE GUTTER SLOPE DOES NOT EXCEED 5 PERCENT AT CURB RAMPS.
5. TAPER THE LAST 6 FEET OF CURB AND GUTTER TYPES 1, 2, 3, AND 4 AND CURB TYPES 1 AND 2 DOWN TO A 1 INCH HEIGHT. TAPER CURB TYPES 3, 4, AND 5 AND TRAFFIC SEPARATORS TYPES 1 AND 2 DOWN TO A 1 INCH HEIGHT AT A 1:1 SLOPE.
6. DRAWING NOT TO SCALE.



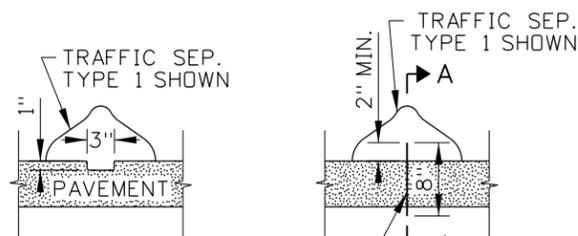
TRAFFIC SEPARATOR TYPE 1  
(SEE NOTE NO. 3)



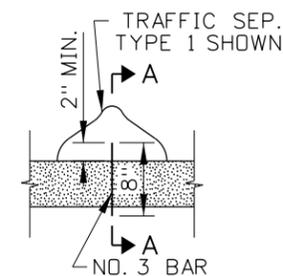
TRAFFIC SEPARATOR TYPE 2  
(SEE NOTE NO. 3)



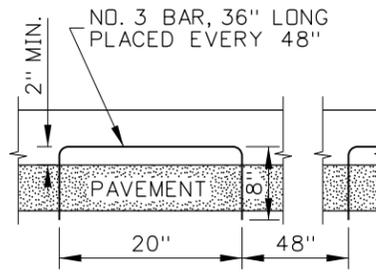
GUTTER TYPE 1



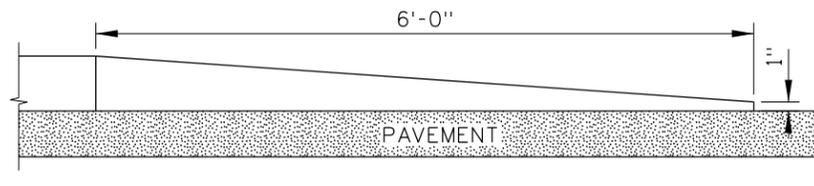
KEY DETAIL  
(SEE NOTE NO. 3)



PIN DETAIL  
(SEE NOTE NO. 3)

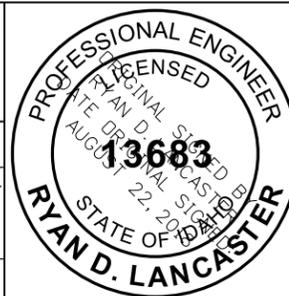


SECTION A-A



CURB TERMINUS DETAIL  
(SEE NOTE NO. 5)

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho



REVISIONS								
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4	12-94	MSM	9	11-14	RDL			
5	12-01	MSM	10	06-17	RDL			

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CADD FILE NAME: 615-1\_0818.dgn  
DRAWING DATE: APRIL, 1961

IDAHO TRANSPORTATION DEPARTMENT  
BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN  
DESIGN/TRAFFIC SERVICES ENGINEER

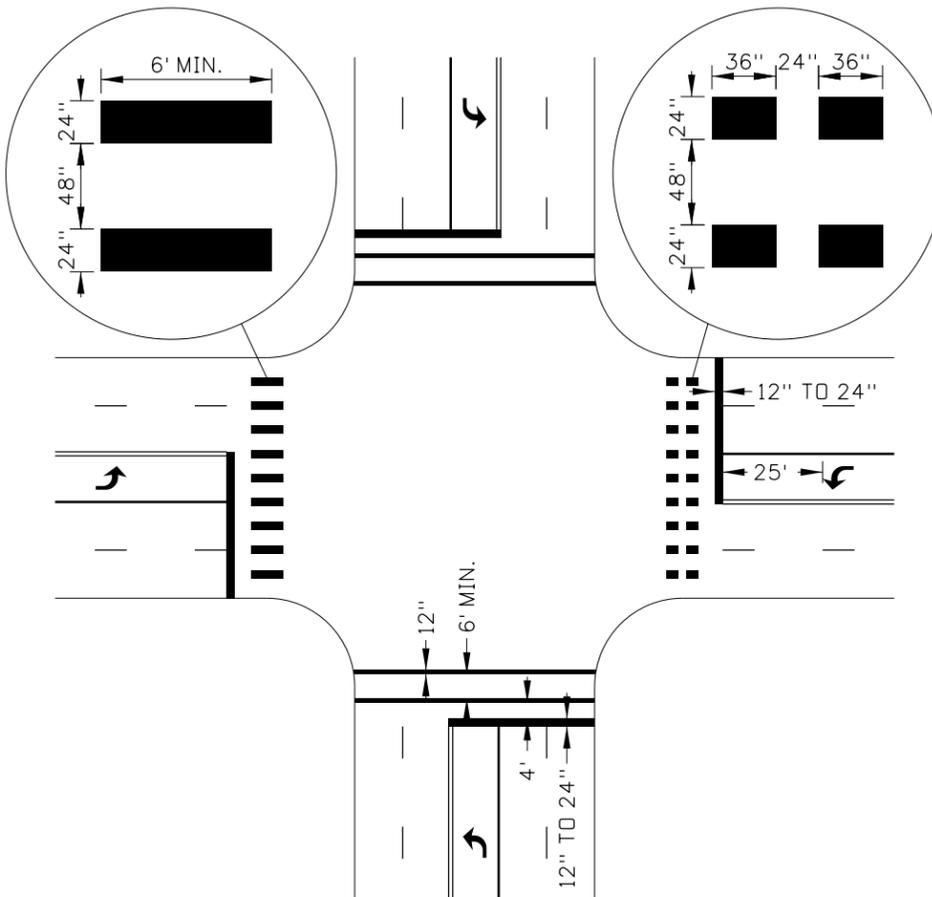
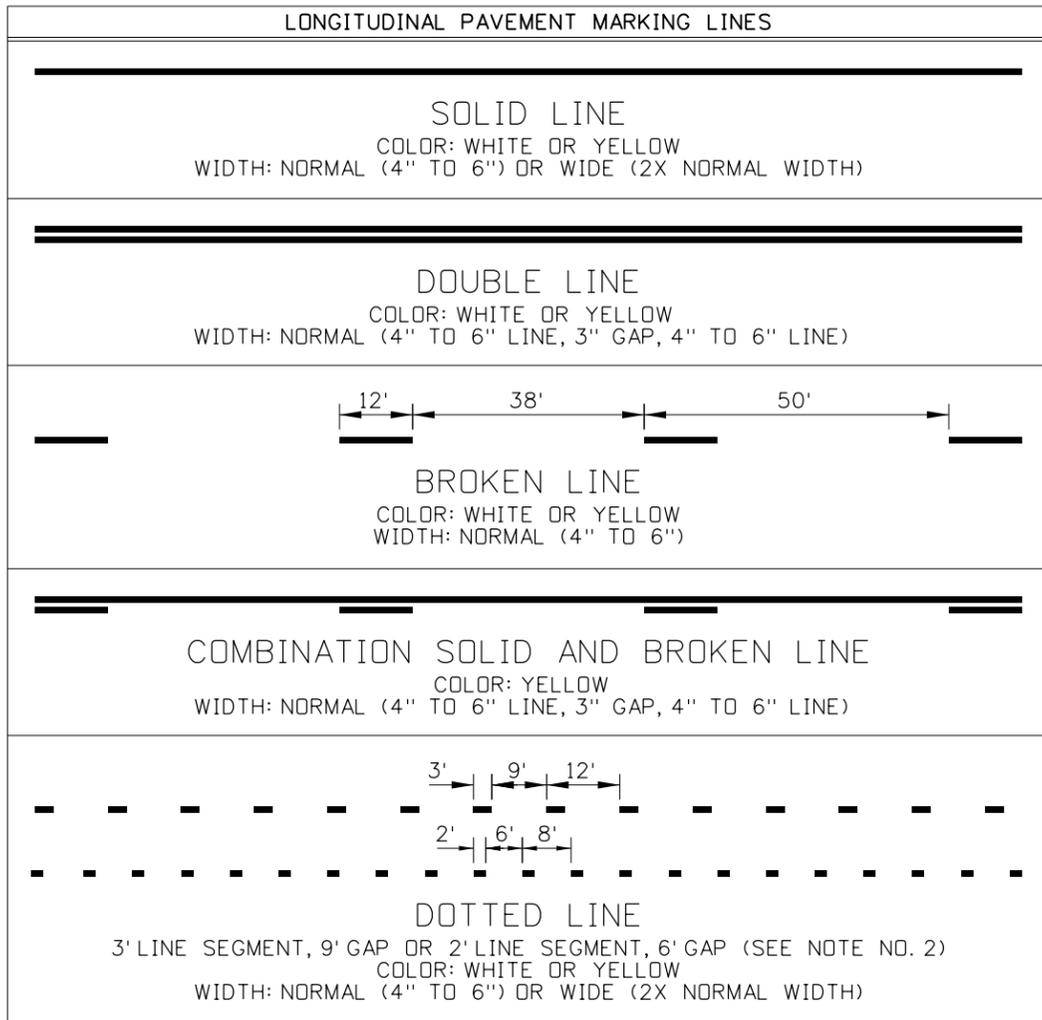
STANDARD DRAWING  
CURB AND GUTTER

English  
STANDARD DRAWING NO. 615-1  
SHEET 1 OF 1

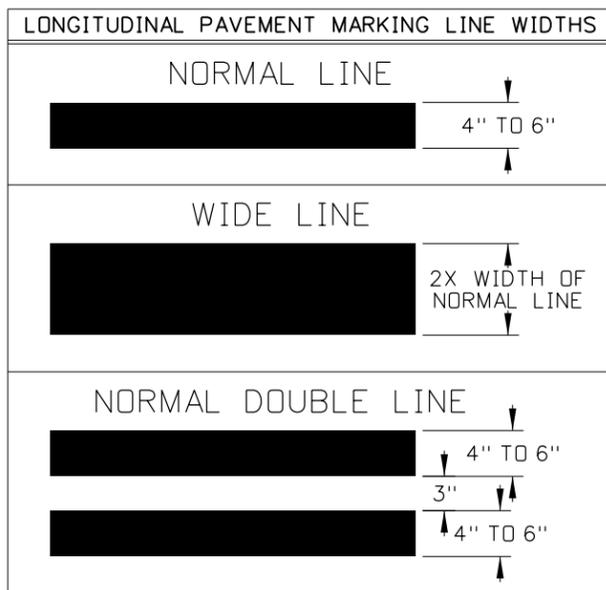
**NOTES**

- USE WHITE AND YELLOW PAVEMENT MARKINGS AS FOLLOWS:  
 WHITE:  
 A. THE SEPARATION OF TRAFFIC TRAVELING IN THE SAME DIRECTION.  
 B. THE RIGHT-HAND EDGE OF THE HIGHWAY.  
 YELLOW:  
 A. THE SEPARATION OF TRAFFIC TRAVELING IN OPPOSITE DIRECTIONS.  
 B. THE LEFT-HAND EDGE DIVIDED HIGHWAYS, ONE-WAY STREETS, OR RAMP.  
 C. TWO-WAY LEFT-TURN LANES.
- USE LONGITUDINAL PAVEMENT MARKINGS AS FOLLOWS:  
 A. USE SOLID LINES TO INDICATE THE LEFT OR RIGHT EDGE OF TRAVEL WAY OR TO DISCOURAGE LANE CHANGING.  
 B. USE DOUBLE LINES TO PROHIBIT PASSING OR LANE CHANGING.  
 C. USE BROKEN LINES TO INDICATE PASSING OR LANE CHANGING ARE PERMITTED. USE THE 12' LINE SEGMENT, 38' GAP PATTERN FOR ALL SPEEDS.  
 D. USE COMBINATION SOLID AND BROKEN LINES TO PROHIBIT PASSING IN ONE DIRECTION WHILE PERMITTING PASSING IN THE OPPOSITE DIRECTION OR TO INDICATE A TWO-WAY LEFT-TURN LANE.  
 E. USE DOTTED LINES AS FOLLOWS:  
 3' LINE SEGMENT, 9' GAP:  
 I. TO SEPARATE A THROUGH LANE AND A LANE THAT BECOMES A MANDATORY EXIT OR TURN LANE (DROPPED LANE).  
 II. TO SEPARATE THROUGH LANES AND TURN LANES OR RAMP.  
 III. TO SEPARATE A THROUGH LANE AND AN AUXILIARY LANE 2 MILES OR LESS IN LENGTH BETWEEN FREEWAY ENTRANCE RAMP AND EXIT RAMP OR 1 MILE OR LESS IN LENGTH BETWEEN INTERSECTIONS.  
 2' LINE SEGMENT, 6' GAP:  
 I. AS A LANE LINE EXTENSION THROUGH AN INTERSECTION.
- USE 12' VEHICULAR TRAVEL LANES UNLESS OTHERWISE INDICATED. MEASURE LANE WIDTHS FROM THE CENTER OF LINE TO THE CENTER OF LINE.
- THE PAVEMENT MARKING APPLICATION EXAMPLES PRESENTED SHOW COMMON APPLICATION. MODIFY AS NEEDED TO ACCOMMODATE OTHER SITUATIONS.
- METHODS FOR DETERMINING TURN-LANE LENGTH ARE DESCRIBED IN THE ITD TRAFFIC MANUAL.
- USE 15W FOR POSTED SPEED LIMITS OF 45 MPH OR GREATER. USE 8W FOR POSTED SPEED LIMITS OF 40 MPH OR LESS. W IS THE OFFSET WIDTH IN FEET.
- USE DISTANCE L WHEN PRACTICAL. USE THE FOLLOWING EQUATION TO DETERMINE L:  

$$L = WS$$
 WHERE:  
 W = OFFSET WIDTH IN FEET  
 S = POSTED SPEED LIMIT
- USE LANE-USE ARROWS AND WORD PAVEMENT MARKINGS AS SHOWN. SOME MARKINGS ARE OPTIONAL.  
 A. USE TWO OR MORE LANE-USE ARROWS UNLESS THE TURN-LANE LENGTH IS LESS THAN 75 FEET. IF SHORTER THAN 75 FEET, THE DOWNSTREAM ARROW CAN BE OMITTED.  
 B. USE TWO-WAY LEFT-TURN ARROW MARKINGS NEAR THE BEGINNING OF A TWO-WAY LEFT-TURN LANE AND EVERY 1/2 MILE THEREAFTER.
- BREAK EDGE AND LANE LINES AT INTERSECTIONS WITH MINOR ROADS. CONTINUE EDGE AND LANE LINES THROUGH DRIVEWAY APPROACHES.
- ON TWO-LANE HIGHWAYS, PAINT THE CENTERLINE IN ONE DIRECTION IN ASCENDING STATION/MILEPOST DIRECTION AS SHOWN.
- DRAWINGS NOT TO SCALE.



**EXAMPLE STOP LINE AND CROSSWALK DETAIL**



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**PAVEMENT MARKINGS**

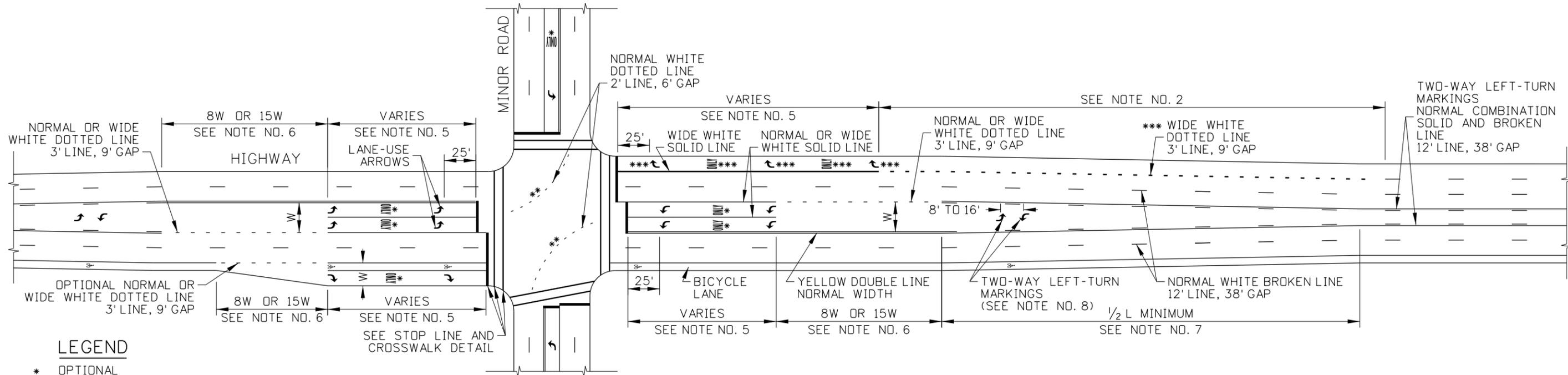
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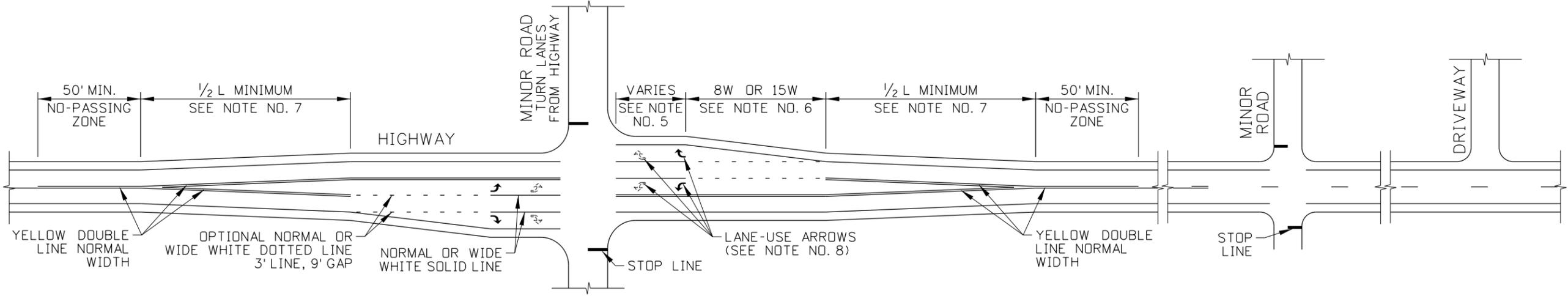
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 RYAN D. LANCASTER  
 STATE OF IDAHO



**LEGEND**

- \* OPTIONAL
- \*\* DOTTED LANE LINE EXTENSION (2' SEGMENT, 6' GAP)
- \*\*\* REQUIRED WHERE THROUGH LANE BECOMES MANDATORY TURN LANE

**EXAMPLE URBAN HIGHWAY PAVEMENT MARKINGS**



**EXAMPLE RURAL HIGHWAY PAVEMENT MARKINGS**

SEE NOTE NO. 9

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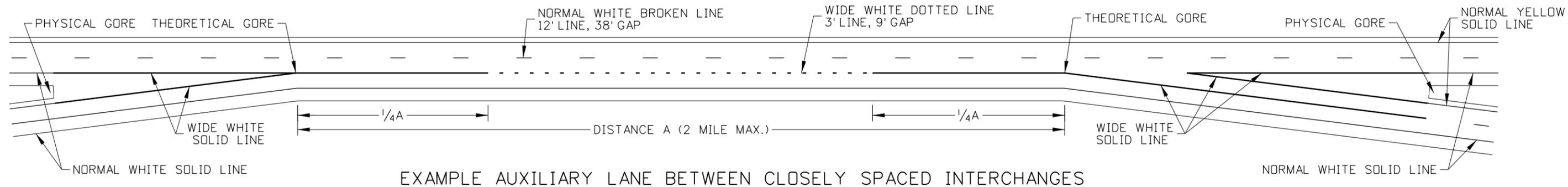
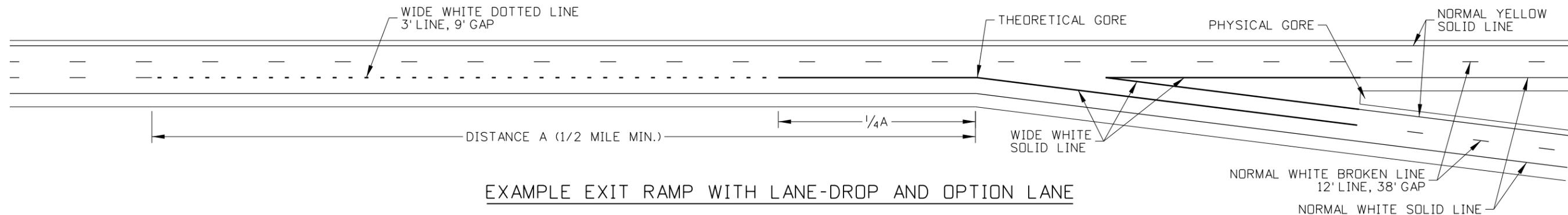
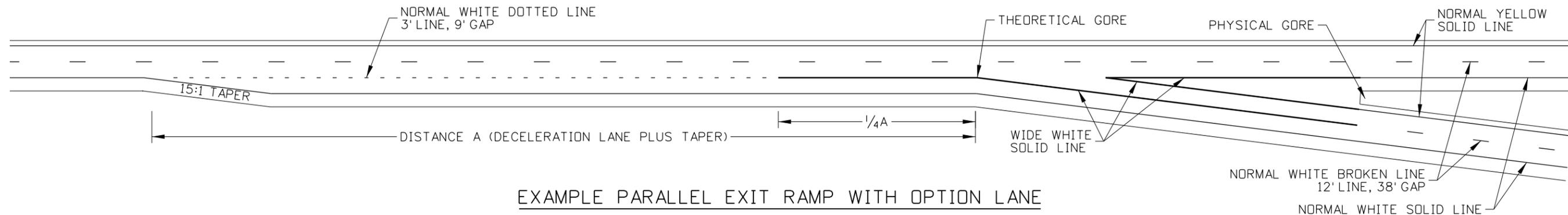
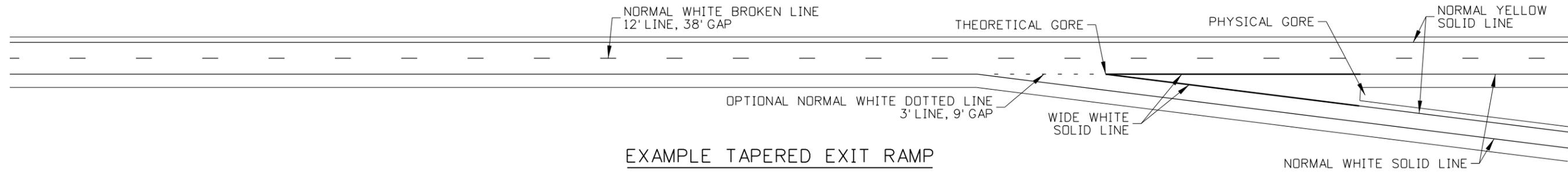
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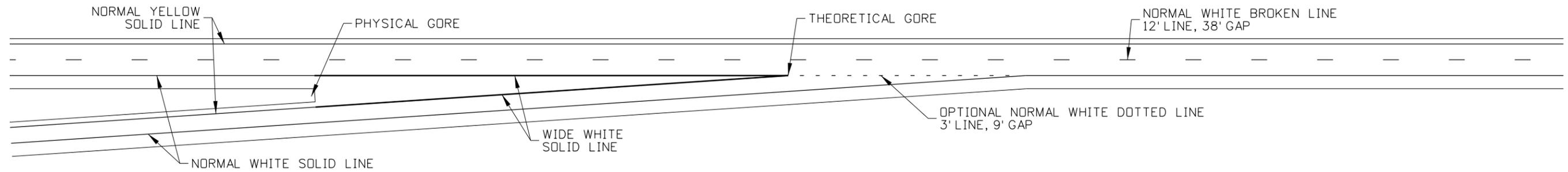
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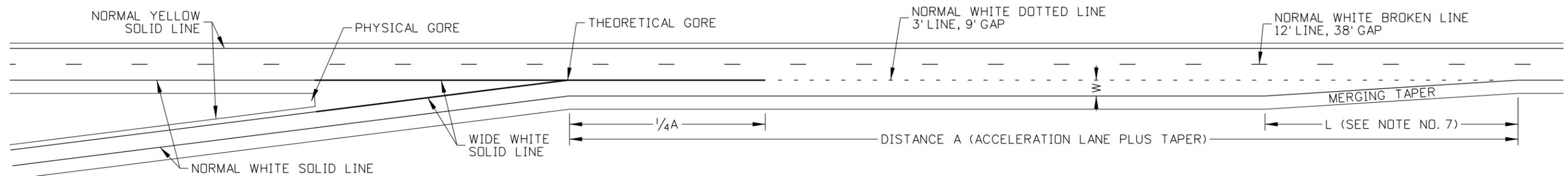
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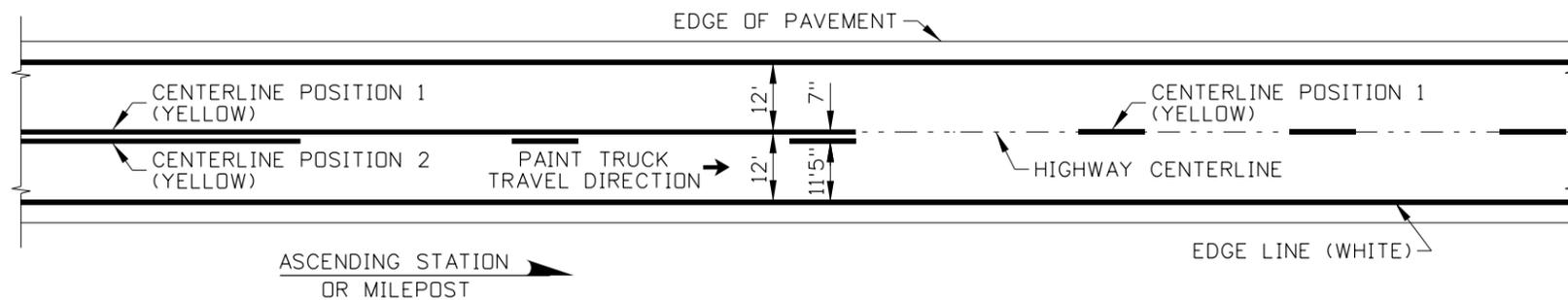
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13683  
STATE OF IDAHO  
MARCH 17, 2016



EXAMPLE TAPERED ENTRANCE RAMP

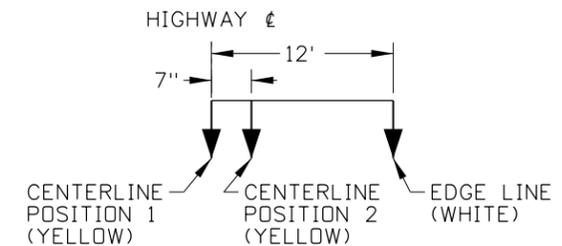


EXAMPLE PARALLEL ENTRANCE RAMP



PAVEMENT MARKINGS ON TWO-WAY HIGHWAYS

SEE NOTE NO. 10 AND PAINT TRUCK SETUP DETAIL



PAINT TRUCK SETUP DETAIL

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