



Mayor Robert E. Simison

City Council Members:

Joe Borton, President
Liz Strader, Vice President
Doug Taylor
John Overton
Anne Little Roberts
Luke Cavener

March 26, 2024

MEMORANDUM

TO: Mayor and City Council
CC: Emily Kane, David Miles, Bruce Freckleton
FROM: Caleb Hood, Deputy Director *CH*
RE: Linder Road Overpass – ITD Grant MOU

Recommended Council Action:

Authorize the Mayor to sign the attached Memorandum of Understanding (MOU) with the Idaho Transportation Department (ITD).

Background:

The 2023 Idaho Legislature appropriated \$100M to be used on local roads throughout the State to mitigate the impacts of adding new connections of state highways to interstate highways. Last summer, the City applied for a grant through the State's Strategic Initiatives Program to help offset the costs of the Linder Road Overpass project. ITD received 127 applications, seeking \$293M in transportation funding from communities around the State.

In December, the ITD Board voted to award the City \$4.3M for the Linder Road Overpass project. Earlier this year, ITD sent the City an award letter (attached) and a Memorandum of Understanding (MOU, attached) outlining both the City's and ITD's scope of responsibility for the subject grant.

Staff from the City's Legal and Community Development Departments have reviewed the MOU and recommend approval. City Staff is currently working with ACHD on supplemental agreements to facilitate the acceleration construction of the Linder Road project as a whole, including spending and reporting on the grant according to our application (attached) and grant award terms.

**MEMORANDUM OF UNDERSTANDING BETWEEN
THE IDAHO TRANSPORTATION DEPARTMENT
AND THE CITY OF MERIDIAN**

To provide the agreement guidelines for the Idaho Transportation Department (ITD) and the City of Meridian (GRANT RECIPIENT), hereinafter "Party" or "Parties", in cooperative endeavors within each agency's scope of responsibility related to the FY2024 Strategic Initiatives Program Local Transportation Grant Program.

AUTHORITY:

Idaho Code 40-719 created the Strategic Initiatives Grant Program and established the Strategic Initiatives Grant Program Fund, and Senate Bill No. 1189 appropriated funds to ITD for FY2024. Idaho Code section 40-317 and Idaho Code sections 67-2326 through 2333 and 67-2339.

AWARD AMOUNT AND PROJECT DESCRIPTION:

\$ 4,305,388.70 is approved from the Strategic Initiatives Grant Program for Grant Recipient's project as described in their application attached as Exhibit A for Linder Overpass and Roadway Corridor Improvements.

ITD RESPONSIBILITIES:

1. To ensure the Strategic Initiatives Grant Program is used to mitigate the impact of state highway projects on local roads or for economically significant local transportation projects that require the assistance of ITD to facilitate funding.
2. Review Grant Recipient's provided information outlined below and concur in project readiness before processing fund transfer(s) from the Strategic Initiatives Grant Program Fund to the Grant Recipient, and process funding transfer within 30 days of approving the Grant Recipient's request for construction funding.
3. Report annually to the transportation and defense committee of the House of Representatives and the transportation committee of the Senate of the Legislature regarding the Strategic Initiatives Grant Program.

GRANT RECIPIENT RESPONSIBILITIES:

1. Utilize Grant funding to complete project scope within allotted cost and schedule as described in Grant Recipient's application included as Exhibit A.
2. Provide account routing information for the transfer of the Strategic Initiatives Grant Program award.
3. Follow all applicable state laws governing the expenditures of state funds.
4. Submit construction-ready plans to ITD, including a construction schedule and request for construction funding.
5. Follow State procurement rules for advertising, bidding and award of contracts.
6. Provide construction oversight and project administration.

7. Provide an annual update on the project status no later than September 30, beginning in 2024.
8. Complete project construction, including any change orders or other contract adjustments.
9. Provide a final close-out report including a summary of project accounting, with before and after pictures upon project completion.
10. Responsible for answering media, public or government inquires related to the expenditures of these funds.

LIMITATIONS:

Nothing in this MOU between the Parties shall be construed as limiting or expanding the statutory or regulatory responsibilities of any involved individual in performing functions granted to them by law; or as requiring either entity to expend any sum in excess of its respective appropriation. Each and every provision of this MOU is subject to the laws and regulations of the state of Idaho and of the United States. Nothing in this MOU shall be construed as expanding the liability of the Parties. In the event of a liability claim, each Party shall defend their own interests. No Party shall be required to provide indemnification of the other Parties.

EFFECTIVE DATE:

This MOU shall become effective upon the most recent signature by authorized representative of the Director, Idaho Transportation Department, and the authorized representative for the Grant Recipient, and will remain in force unless formally terminated by both Parties.

METHOD OF AMENDMENT OR TERMINATION:

Amendments or requests for termination of this MOU may be proposed in writing at any time by any Party. Amendments will become effective upon signature by all Parties to this MOU and shall be attached to this MOU and made a part thereof.

CONFLICTING PROVISION:

If any provision of this MOU shall contravene any statute or Constitutional provision or amendment, either now in effect or which may, during the course of this MOU be enacted, then that conflicting provision in the MOU shall be deemed null and void. In the event any provision of this MOU is determined null and void, all remaining provisions shall remain in full force and effect.

EFFECTIVE DATE: _____, 2024

IDAHO TRANSPORTATION DEPARTMENT

GRANT RECIPIENT



Dan McElhinney, Chief Deputy Director

Robert Simison, Mayor

LINDER OVERPASS AND ROADWAY PROJECT

STRATEGIC INITIATIVES GRANT PROGRAM
LOCAL TRANSPORTATION PROJECT GRANT APPLICATION
August 30, 2023



33 E Broadway Ave., Ste 102
Meridian, ID 83642
Phone: (208) 884-5533
www.meridiacity.org/compplan



1. Provide a description of the proposed project. Include the importance and need of the project, the regional benefit, and the overall impact to the local transportation system.

In April 2021, Meridian City Council approved a budget allocation of \$2.5 million dedicated to building the much-needed Linder Road at I-84 overpass. In August of 2021, the Ada County Highway District (ACHD) in partnership with City of Meridian and the Idaho Transportation Department (ITD) initiated design of improvements for Linder Road, Franklin Road and Overland Road including the overpass.

The current design, which is being completed by Keller Associates, includes an overpass spanning Interstate 84 and widening Linder Road with additional travel lanes and facilities for those that walk, bike, and roll. The design also includes intersection upgrades at Overland Road and Franklin Road, as well as a new pedestrian signal near Peregrine Elementary.

The extension of Linder Road over I-84 will provide greatly improved connectivity between north and south Treasure Valley and afford another route for motorists, bicyclists, and pedestrians within the area. Moreover, by providing this connection it will alleviate growing congestion at the Ten Mile Road and Meridian Road Interchanges as vehicles are able to use this alternate route. This critical transportation improvement would help to improve emergency response times by providing greater connectivity and access in the area and connect nearby neighborhoods to the school in project location.

More information can be found on the ACHD project webpage at this link:

<https://engage.achdidaho.org/linder-road-overpass-franklin-road-to-overland-road>

Project Map:



2. Provide project scope, construction limits and permits, schedule and estimated project cost.

Scope includes:

- A new four (4) lane I-84 overpass with pedestrian and bike facilities on both sides to be done in coordination with ITD
- Widening Linder Road, Franklin to overpass/I-84 from two to five lanes to be done in coordination with ACHD
- Extending Linder Road from Overland to the new overpass/I-84 to be done in coordination with ACHD
- Adding multi-use pathways for pedestrians and bicyclists on both sides of the roadway as per the adopted ACHD Bike Master Plan and the 2020 Capital Improvement Plan (CIP)
- Installing an enhanced pedestrian crossing on Linder Road near Waltman Street
- Replacing bridges over both the Tenmile Creek and Kennedy Lateral
- Rebuilding the Linder/Overland intersection for better multi-use pathway connection as well as ADA compliance
- Realign west section of Verbena Drive

Schedule and Cost:

Design Year: 2022-2024 (Funded) \$1.8 Million

Right-of-Way Year: 2024-2025 (Funded) \$5.5 Million

Construction Year: 2026 \$17.5 Million

Total Project Cost: \$24,800,000

3. Do you have all right-of-way (R/W) for your project? Explain (limit ½ page). Provide documentation of R/W, easements, or commitments.

A vast majority of the required right-of-way (R/W) required for this project already exists. However, some additional acquisition will be required to realize the roadway widening portion of this project. The Ada County Highway District has the right-of-way funding is programmed for 2024-2025. Although R/W is scheduled for 2024-2025 ACHD has already started conversations with property owners who are heavily impacted by the project. Right-of-way plans are expected to be delivered in early winter of 2024, at which time ACHD will begin the process of acquiring R/W.

Idaho Transportation Department owns the right of way required for their portion of this project, the overpass of I-84.

4. Are your engineering plans ready to bid or will they be ready within 6 months of grant award? Provide explanation of progress to date, and evidence of current project development (plan set).

Engineered plans are being developed at this time, and 99% design will be completed early-2024.

Thirty-percent (30%) design plans were completed in the fall of 2022. The initial public involvement meetings were completed in the spring of 2023. The project is advancing through 75% design which was received in August 2023, and a second series of public involvement meetings will occur in the fall of 2023. ROW plans are expected to be delivered in winter of 2024. The 95% design will be delivered after ROW plans are complete.

5. How does the project mitigate the impacts of state highway projects on local roads, OR why is the project economically significant and require the assistance of the Idaho Transportation Department? (limit 1 page)

With Meridian serving as a central connection in the County, citizens continue to request more road improvements allowing more efficient north-south travel within the County for all users. Construction of an I-84 overpass at Linder Road will address significant transportation infrastructure needs in Ada County. The City of Meridian, despite having no dedicated funding source for road improvements, had continued to champion this project for over 15 years.

The City of Meridian has a long history of steady growth, averaging a year-over year growth rate of about 6 percent over the past 25 years. Meridian has added over 8,000 new dwelling units in the last 3 years, accounting for over half of the County's growth in the same time. The City has also added over 4.4 million square feet of commercial space in the last three years. As Meridian and the region continue to grow, the transportation network will require expansion.

Linder Road Overpass (Linder OP) represents one of three overpasses identified as a priority for the unfunded state system identified in the Community Planning Association of Southwest Idaho's (COMPASS) regional long-range transportation plan, Communities in Motion 2040 2.0. Of those three projects, Linder Road is the only one without an existing overpass. Additionally, COMPASS has provided preliminary modeling information and Ada County Highway District (ACHD) has done a preliminary evaluation for widening of Linder Road from Franklin Road over the Interstate to Overland Road.

An extension of Linder Road over I-84 will provide greatly improved connectivity between north and south Treasure Valley and afford another route for motorists, bicyclists, and pedestrians within the area. Moreover, by providing this connection it will alleviate growing congestion at the Ten Mile Road and Meridian Road Interchanges as vehicles are able to use this alternate route.

Having an overpass of I-84 at Linder will become even more critical in the coming years as Amazon and Federal Express are both building significant distributions centers on Franklin Road between Linder Road and Ten Mile Roads, adjacent to the West Ada School District bus facility and Republic Services' Meridian location with a regional transfer station. Amazon and Federal Express alone are projected to add over 1,700 vehicle trips per day onto the existing system.

This overpass will alleviate existing barriers to efficient movement of people, goods, and services; excessive out of direction travel and signal delays for local trips; currently reduced emergency response reliability and services levels; and unnecessary trips on adjacent I-84 interchanges. Regionally, this bridge will also fill the last gap in the Linder Road corridor and would be the longest unbroken north-south arterial in Ada County, connecting the foothills to the Snake River. Unquestionably, a huge boost for commerce and travel interconnectivity.

City leadership has discussed this project with the leadership at ITD, Ada County, ACHD, and West Ada School District and each agency has stated support for this project.

6. Do you have community support for your project? Include unique letters of support from the supporting partners including Local/Rural planning groups, Metropolitan Planning Organizations, law enforcement, fire department, police department, school district, local businesses, etc. (limit 5 single page letters)

ACHD received community support from the initial public outreach. There were 2,300 website views and 350 survey responses. 69.3% responded in favor of the project design; (4.3% were unsure of the project design). Further information on the community outreach can be found on the project webpage at this link: <https://engage.achdidaho.org/linder-road-overpass-franklin-road-to-overland-road>.

Further, the City has received tremendous support from stakeholders on the Linder Overpass Task Force. These members have been active on the Task Force and advocating for the Linder Road Overpass realization since the Task Force’s inception in May 2021.

Name	Agency
Robert Bennett	Republic Services
Todd McFarlane	Kendall Auto
Beau Manwaring	Hawkins Co.
Lisa Bachman	JUB Engineers
Sean Evans	Meridian Chamber of Commerce
Wayne Hammon	Associated General Contractors Idaho
Dave Reinhart	West Ada School District
Matt Stoll	COMPASS
Charlie Roundtree	Past City Council Member
Brent Moore	Ada County
Joe Stear	Mayor, City of Kuna
Doug Hansen	City of Kuna
Jace Hellman	City of Kuna

Letters of Support Attached:

- Ada County Highway District
- West Ada School District
- Meridian Police and Fire Department
- Meridian Chamber of Commerce

Other Attachments:

- Linder & I-84 Overpass 75% design situation and layout (S&L) acceptance from ITD
- Linder & I-84 Overpass 75% design S&L with minor revisions from latest project team meetings
- Linder, Franklin to Overland Widening 75% design plans



**Your Safety • Your Mobility
Your Economic Opportunity**

IDAHO TRANSPORTATION DEPARTMENT
P.O. Box 7129 • Boise, ID 83707-1129
(208) 334-8000 • itd.idaho.gov

May 16, 2023

Brian McCarthy
Ada County Highway District
3775 Adam Street
Garden City, Idaho 83714

Re: Linder Rd. over I-84 Bridge Situation and Layout

Dear Brian:

Enclosed is one print each of the Situation and Layout Drawing # 18146, Sheets 1 - 10, for the structure on this project.

ITD Bridge accepts the Situation and Layout as noted. You may inform the Consultant to proceed with the final design unless other agencies have unresolved comments.

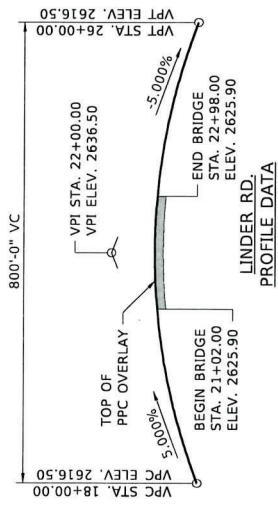
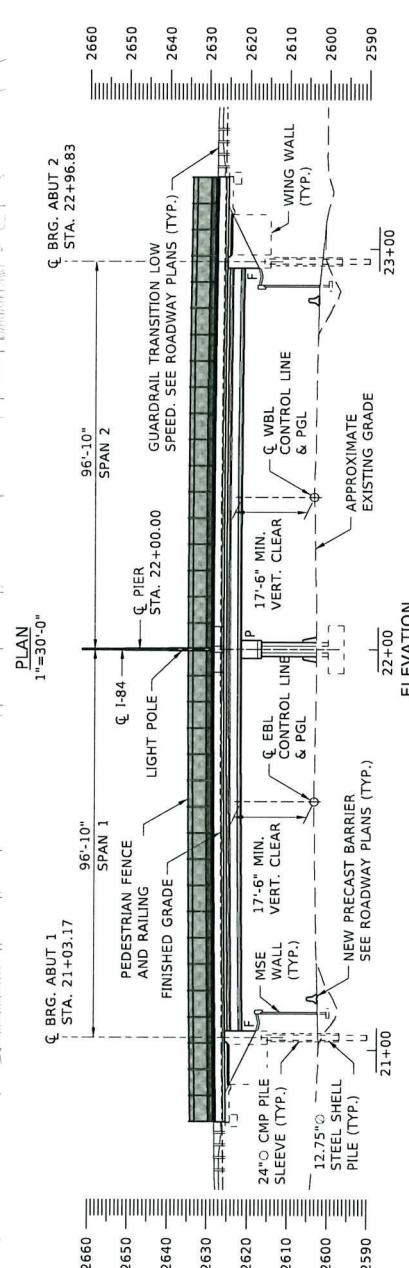
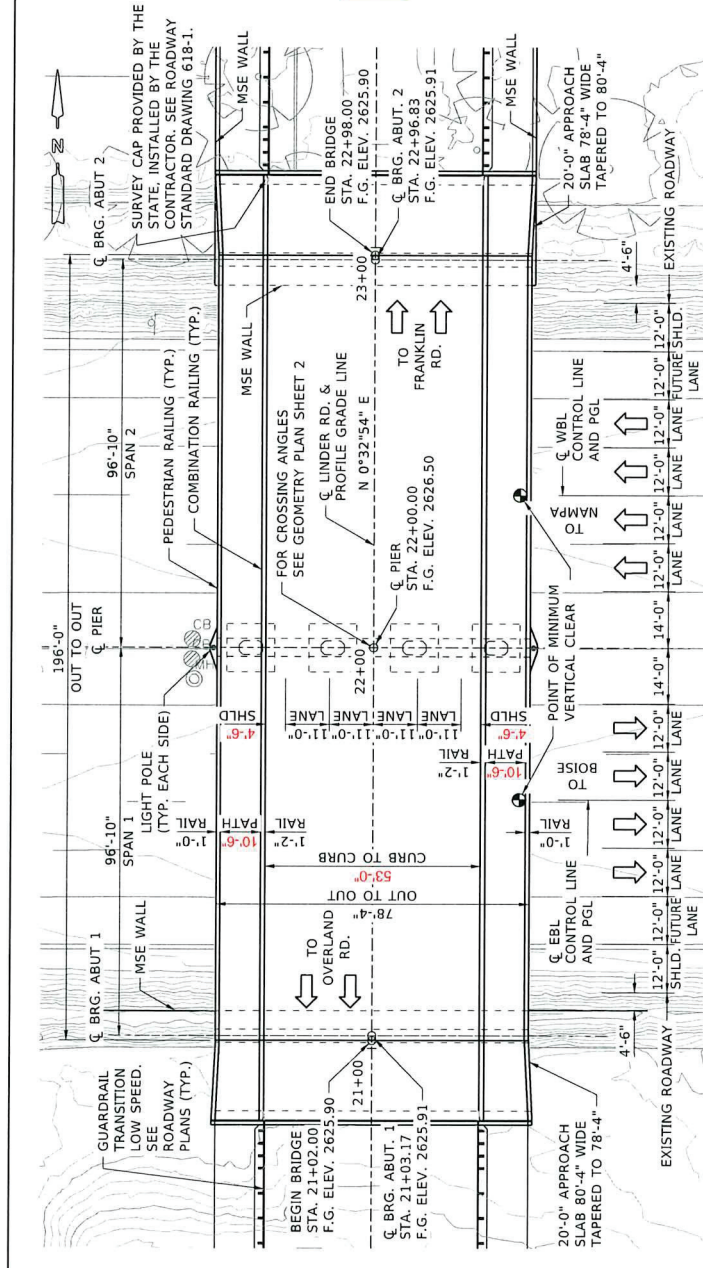
If you have any questions, please contact me at 208-334-8547.

Sincerely,

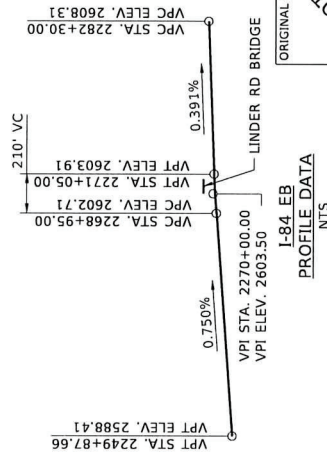
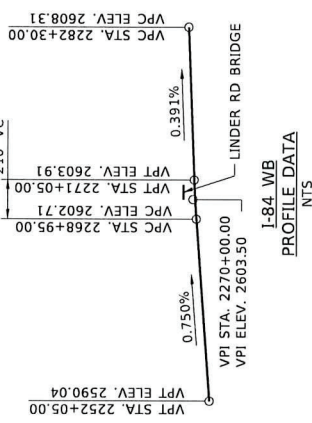
Shanon Murgoitio, P.E.
Bridge Section

Enclosure

cc: Aaron Bauges, ITD D1



ITD provided an S&L acceptance letter on May 16, 2023. Revised items in red are based on recent discussions to adjust the interior barrier location by 0.5 ft.



APPROVED FOR CONSTRUCTION
 PRELIMINARY
 ORIGINAL SIGNED BY: _____ DATE SIGNED: 10/10

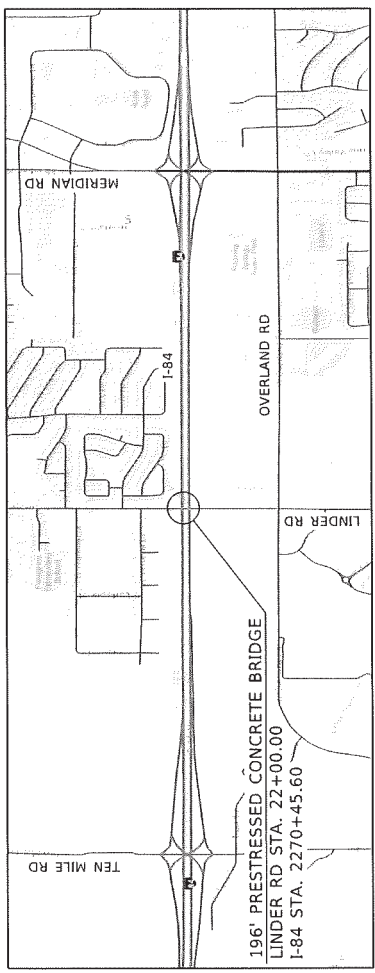
BRIDGE PLANS	BRIDGE KEY NO.	34260
COUNTY	ADA	KEY NO.
BRIDGE DWG. NO.	18146	1 OF 10

SITUATION AND LAYOUT
 196' PRESTRESSED CONCRETE BRIDGE
 LINDER ROAD OVER I-84
 I-84 STA. 2270+45.60 LINDER RD STA. 22+00.00

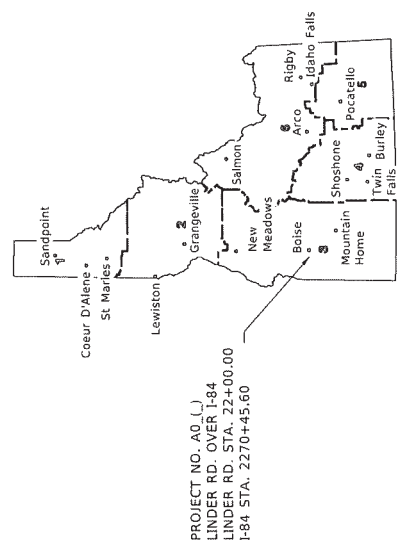
ENGLISH	PROJECT NO.	A0 ()
FORGREN Associates, Inc.	DRAWING DATE:	4/18/2023

DESIGNED BY	DELETED	DESIGNED BY	DELETED
DESIGN CHECKED	B. SCHILLER	DESIGN CHECKED	B. SCHILLER
DATE	04/18/2023	DATE	04/18/2023
DWG. CHECKED	K. JACOBSEN	DWG. CHECKED	K. JACOBSEN
CORRECTIONS	1.1 SPAN	CORRECTIONS	1.1 SPAN

NO.	DATE	BY	DESCRIPTION



VICINITY MAP
NTS



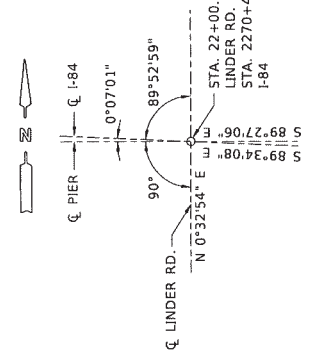
VICINITY MAP
NTS

SHEET INDEX

- 1 SITUATION AND LAYOUT
- 2 SHEET INDEX, QUANTITIES, & VICINITY MAP
- 3 DESIGN AND GENERAL NOTES (1 OF 2)
- 4 DESIGN AND GENERAL NOTES (2 OF 2)
- 5 FOUNDATION INVESTIGATION (1 OF 2)
- 6 FOUNDATION INVESTIGATION (2 OF 2)
- 7 PIER CONFIGURATION
- 8 PIER DETAIL
- 9 TYPICAL SECTION
- 10 MSE WALL DETAILS

ONE DIRECTIONAL DATA

- CONSTRUCTION YEAR 2030
- AADT 24,300
- CAADT 729
- 3.0%
- FUTURE YEAR 2050
- AADT 29,700
- CAADT 891
- 3.0%



GEOMETRY PLAN
NTS

QUANTITIES

- 210-005A STRUCTURE EXCAVATION SCH. NO. 1 (SOIL) - - - - - CY
- 210-015A COMPACTING BACKFILL - - - - - CY
- + 502-140A CONCRETE CLASS 40A SCH. NO. 1 - - - - - CY
- + 502-310A CONCRETE CLASS 40AF SCH. NO. 2 - - - - - CY
- + 502-380A PRESTRESSED WIDE FLANGE GIRDER (TOP FLANGE 49", DEPTH 42") - - - - - FT
- + 502-435A APPROACH SLAB (DEPTH 12") - - - - - SY
- + 503-010A METAL REINFORCEMENT SCH. NO. 1 - - - - - LB
- + 503-015A METAL REINFORCEMENT SCH. NO. 2 - - - - - LB
- + 503-020A EPOXY-COATED METAL REINFORCEMENT - - - - - FT
- + 504-035A PEDESTRIAN RAILING - - - - - FT
- + 504-040A COMBINATION RAILING - - - - - FT
- 505-100A PROVIDE AND DRIVE 12.75" DIA. STEEL SHELL PILE - - - - - FT
- 505-150A PILE POINTS (12.75") - - - - - FT
- + 505-205A SPICE STEEL PILE BEFORE DRIVING - - - - - EA
- 505-215A SPICE STEEL PILE DURING DRIVING - - - - - EA
- 509-005A NONSTRUCTURAL CONCRETE CLASS 15 - - - - - CY
- + 221-005A DYNAMIC PILE TESTING - - - - - EA
- + 221-010A CONTROLLED DENSITY FILL - - - - - CY
- + 551-005A PPC OVERLAY PREPARATION - - - - - SY
- + 551-010A PPC OVERLAY MATERIAL - - - - - SY
- + 566-010A COMPRESSION SEAL EXPANSION JOINT (STYLE __, SIZE __, ARMOR ANGLE (Y/N)) - - - - - FT
- 574-005A ANTI-GRAFFITI COATING - - - - - FT
- + 575-005A TEXTURED CONCRETE SURFACE - - - - - SF
- + 576-005A GLASS FIBER REINFORCED POLYMER (GFRP) REINFORCEMENT - - - - - FT
- 577-005A PILE SLEEVES (24") - - - - - FT
- 584-005A TEMPORARY SHORING FOR BRIDGES - - - - - FT
- 586-005A UTILITY CONDUITS - COMPLETE - HANGERS (LENGTH _) - - - - - LS
- + 5501-17A MSE RETAINING WALL - - - - - SF
- + 5501-18A COPING FOR MSE RETAINING WALL - - - - - FT

+ DENOTES PLAN QUANTITY

ORIGINAL SIGNED BY: _____
 APPROVED FOR CONSTRUCTION
 PRELIMINARY
 DATE SIGNED: DATE

NO. DATE BY	REVISIONS	DESIGNED	SCALES SHOWN	IDaho TRANSPORTATION DEPARTMENT	ENGLISH PROJECT NO.	SHEET INDEX, QUANTITIES, & VICINITY MAP	BRIDGE PLANS	
	DESCRIPTION	DESIGNED BY E. JACOBSEN	ARE FOR 11" X 17" PRINTS ONLY					BRIDGE KEY NO. 34280
		DESIGNED BY T. GHAN	CADD FILE NAME p196r196bridge.dwg	FORSGREN Associates, Inc.	PROJECT NO. A0_()	196' PRESTRESSED CONCRETE BRIDGE LINDER ROAD OVER I-84	COUNTY ADA	
		DRAWN BY E. JACOBSEN	YOUR SAFETY - YOUR MOBILITY - YOUR ECONOMIC OPPORTUNITY				BRIDGE DWG. NO. 18146	KEY NO. 34280
		CHECKED BY E. JACOBSEN	DRAWING DATE: 4/18/2023					
		CORRECTIONS						

DESIGN NOTES

DESIGN SPECIFICATIONS
 IN ACCORDANCE WITH "AASHTO LRFD BRIDGE DESIGN SPECIFICATION" 9th EDITION AND JUNE 2022
 ITD BRIDGE DESIGN LRFD MANUAL.
DESIGN PROCEDURES
 GIRDERS DESIGNED AS SIMPLE SPANS AND SLAB REINFORCEMENT ADDED TO CONTROL CRACKING
 OVER THE PIERS.
 DECK SLAB DESIGNED USING EMPIRICAL DESIGN METHOD. RAILING CONFORMS TO MASH TL-4.
 DESIGN SPEED IS 35 mph.
 ABUTMENT/PIER DESIGNED TO RESIST THE VEHICULAR COLLISION FORCE.
 THIS BRIDGE IS CLASSIFIED AS "ESSENTIAL" AND UTILIZES A LOAD MODIFIER OF 1.05 FOR
 OPERATIONAL IMPORTANCE.
 THE FOLLOWING PROPRIETARY COMPUTER SOFTWARE PROGRAMS WERE USED TO FACILITATE THE
 STRUCTURAL ANALYSIS:

NAME	VERSION	RELEASE DATE	NAME	VERSION	RELEASE DATE

DESIGN LOADS

PERMANENT LOADS			
DC	UNIT WEIGHT OF REINFORCED CONCRETE	0.150 kcf	
DW	INITIAL WEARING SURFACE	0.009 ksf	
	FUTURE WEARING SURFACE	0.000 ksf	
	FUTURE UTILITIES	0.100 klf	
EV	UNIT WEIGHT OF SOIL	0.130 kcf	
EH	ACTIVE PRESSURE	0.036 kcf	
	AT-REST PRESSURE	0.057 kcf	
TRANSIENT LOADS			
LL	HL-93 INCLUDING PAIR OF DESIGN TANDEMS IN NEGATIVE MOMENT REGIONS		
IM	DYNAMIC ALLOWANCE APPLIED TO TRUCK & TANDEM		x.xx ft
LS	LIVE LOAD SURCHARGE AT ABUTMENT		x.xx ft
	LIVE LOAD SURCHARGE AT WING WALL		0° F TO 80° F
TU	UNIFORM TEMPERATURE RANGE		60° F
	BASE SETTING TEMPERATURE		
EXTREME EVENT LOADS			
EQ	SITE CLASS		D
	ACCELERATION COEFFICIENT 5d1		0.159 g
	SEISMIC PERFORMANCE ZONE		2
CT	VEHICULAR COLLISION FORCE		600 K

GENERAL NOTES

CONSTRUCTION SPECIFICATIONS
 MATERIALS, CONSTRUCTION AND WORKMANSHIP WILL BE IN ACCORDANCE WITH THE STATE OF IDAHO
 TRANSPORTATION DEPARTMENT, "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION", 2023
 EDITION, THE PROJECT PLANS AND SPECIFICATIONS.

MATERIAL

CONCRETE : DECK SLAB AND PARAPET - CLASS 40AF f'c = 4,000 ksi
 ABUTMENT AND WINGS - CLASS 40A f'c = 4,000 ksi
 PRESTRESS GIRDERS f'c = 8,500 ksi
 METAL REINFORCEMENT : AASHTO M31, GRADE 60 fy = 60,000 ksi
 PRESTRESSING REINFORCEMENT: AASHTO M203, GRADE 270 LOW RELAXATION fpu = 270,000 ksi
PLAN DIMENSIONS AND ELEVATIONS

BEVEL ALL EXPOSED EDGES OF CONCRETE 3/4" UNLESS NOTED OTHERWISE
 ALL DIMENSIONS TO REINFORCING STEEL ARE TO CENTERLINE OF BAR UNLESS NOTED OTHERWISE.
 PROVIDE 2" CONCRETE COVER MEASURED FROM THE FACE OF THE CONCRETE TO THE FACE OF ANY
 REINFORCING BAR, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
 PROVIDE REINFORCING STEEL SPLICE LENGTHS IN ACCORDANCE WITH AASHTO SPECIFICATIONS.

CONSTRUCTION

ALL EPOXY COATED REINFORCING STEEL IS DESIGNATED BY AN "E" AFTER THE BAR MARK. ALL GLASS
 FIBER REINFORCED POLYMER REINFORCEMENT IS DESIGNATED BY A "G" AFTER THE BAR MARK.
 CONSTRUCTION JOINTS WILL BE PERMITTED ONLY AT THE LOCATIONS SHOWN ON THE PLANS OR AS
 APPROVED BY THE ENGINEER.

ALL ELEVATIONS ARE BASED ON NAVD 88 DATUM.

INCIDENTAL ITEMS

ALL ITEMS SHOWN OR NOTED ON PLANS WHICH ARE NOT SPECIFICALLY BID ITEMS ARE CONSIDERED
 INCIDENTAL ITEMS. THE COST OF FURNISHING AND INSTALLING ALL INCIDENTAL ITEMS WILL NOT BE PAID
 FOR SEPARATELY, BUT INCLUDED IN THE UNIT PRICE BID FOR OTHER ITEMS, UNLESS NOTED OTHERWISE.

DESIGN NOTES


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 IN ACCORDANCE WITH "AASHTO LRFD BRIDGE DESIGN SPECIFICATION" 9th EDITION AND JUNE 2022
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	ACCELERATION COEFFICIENT 5d1		0.159 g
	SEISMIC PERFORMANCE ZONE		2
CT	VEHICULAR COLLISION FORCE		600 K

ORIGINAL SIGNED BY: _____
 APPROVED FOR PRELIMINARY CONSTRUCTION
 NOT FOR CONSTRUCTION
 DATE SIGNED: DATE

NO.	DATE	BY	REVISIONS DESCRIPTION	DESIGNED B. SCHILLER	DESIGN CHECKED K. JACOBSEN	SCALES SHOWN ARE FOR 1/1" X 1/1" PRINTS ONLY	TRANSPORTATION DEPARTMENT	ENGLISH PROJECT NO.	DESIGN AND GENERAL NOTES (1 OF 2)	BRIDGE PLANS
							 FORSGREN Associates, Inc. <small>Your safety - our mobility - your economic opportunity</small>	A0_()	196' PRESTRESSED CONCRETE BRIDGE LINDER ROAD OVER I-84 I-84 STA. 2270+45.60 LINDER RD STA. 22+00.00	BRIDGE KEY NO. 34260 COUNTY ADA BRIDGE DWG. NO. SHEET 18146 3 OF 10
								4/18/2023		

GENERAL NOTES (CONT.)

MSE WALLS

THE FOLLOWING TABLE SUMMARIZES THE SOIL INFORMATION TO BE USED IN THE WALL DESIGN. OTHER INFORMATION NEEDED FOR THE WALL DESIGN CAN BE FOUND IN THE ITD GEOTECHNICAL ENGINEERING REPORT AVAILABLE AT THE DISTRICT MATERIALS OFFICE.

MSE WALL DESIGN PARAMETERS			
SOIL	WET UNIT WEIGHT (pcf)	COHESION (psf)	FRICTION ANGLE (DEGREE)
WALL BACKFILL	*	*	*
RETAINED SOIL	130	0	34
FOUNDATION SOIL	115	0	30

* TO BE DETERMINED BY THE CONTRACTOR

** RESISTANCE FACTOR = 0.65 (STRENGTH)

*** SEE THE GEOTECHNICAL ENGINEERING REPORT

ABUTMENT PILE DESIGN LOADS

STRENGTH STATE
 NOMINAL AXIAL RESISTANCE R_n = X kips
 AXIAL RESISTANCE FACTOR ϕ = 0.65
 FACTORED AXIAL RESISTANCE ϕR_n = X kips
 MAX. APPLIED AXIAL LOAD Q = X kips
 MIN. APPLIED AXIAL LOAD Q = X kips

PIER FOOTING DESIGN LOADS

STRENGTH LIMIT STATE
 BEARING
 NOMINAL BEARING RESISTANCE q_n = X ksf
 EFFECTIVE FOOTING WIDTH B' = X ft
 EFFECTIVE FOOTING LENGTH L' = X ft
 RESISTANCE FACTOR ϕ = 0.45
 FACTORED BEARING RESISTANCE $q_n = q_n \phi$ = X ksf
 FACTORED APPLIED LOAD $YQ/(B'L)$ = X ksf

SLIDING
 NOMINAL SLIDING RESISTANCE R_n = X kips
 RESISTANCE FACTOR ϕ = 0.80
 FACTORED SLIDING RESISTANCE $R_n = R_n \phi$ = X kips
 FACTORED APPLIED LOAD YV = X kips

ABUTMENT ELASTOMERIC BEARINGS

DESIGN PROCEDURE: METHOD A
 GRADE 3 (60) DUROMETER POLYCHLOROPRENE
 DESIGN LOADS: (SERVICE 1)
 ABUTMENT X kips

PIER ELASTOMERIC BEARINGS

DESIGN PROCEDURE: METHOD B
 SHEAR MODULUS (130) PSI
 GRADE 3 POLYCHLOROPRENE
 DESIGN LOADS: (SERVICE 1)
 PIER X kips

EXTREME LIMIT STATE
 BEARING
 NOMINAL BEARING RESISTANCE q_n = X ksf
 EFFECTIVE FOOTING WIDTH B' = X ft
 EFFECTIVE FOOTING LENGTH L' = X ft
 RESISTANCE FACTOR ϕ = 1.0
 FACTORED BEARING RESISTANCE ϕq_n = X ksf
 FACTORED APPLIED LOAD $YQ/(B'L)$ = X ksf

SLIDING
 NOMINAL SLIDING RESISTANCE R_n = X kips
 RESISTANCE FACTOR ϕ = 1.0
 FACTORED SLIDING RESISTANCE ϕR_n = X kips
 FACTORED APPLIED LOAD YV = X kips

NO	DATE BY	REVISIONS DESCRIPTION
1		DESIGNED BY: K. JACOBSEN
2		CHECKED BY: T. GHAN
3		DETAILED BY: T. GHAN
4		CORRECTED BY: K. JACOBSEN
5		CORRECTIONS BY: T. GHAN

DESIGNED BY: K. JACOBSEN	CHECKED BY: T. GHAN
DETAILED BY: T. GHAN	CORRECTED BY: K. JACOBSEN
CORRECTIONS BY: T. GHAN	



IDAHO TRANSPORTATION DEPARTMENT

 YOUR SAFETY—YOUR MOBILITY—YOUR ECONOMIC OPPORTUNITY

FORSYTH Associates, Inc.

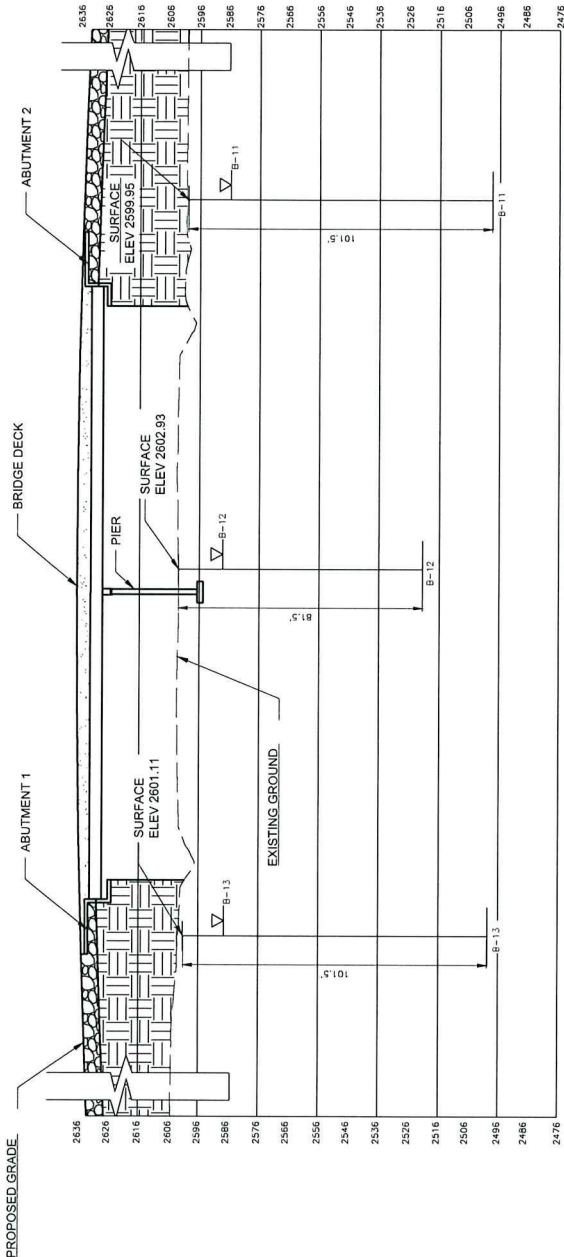
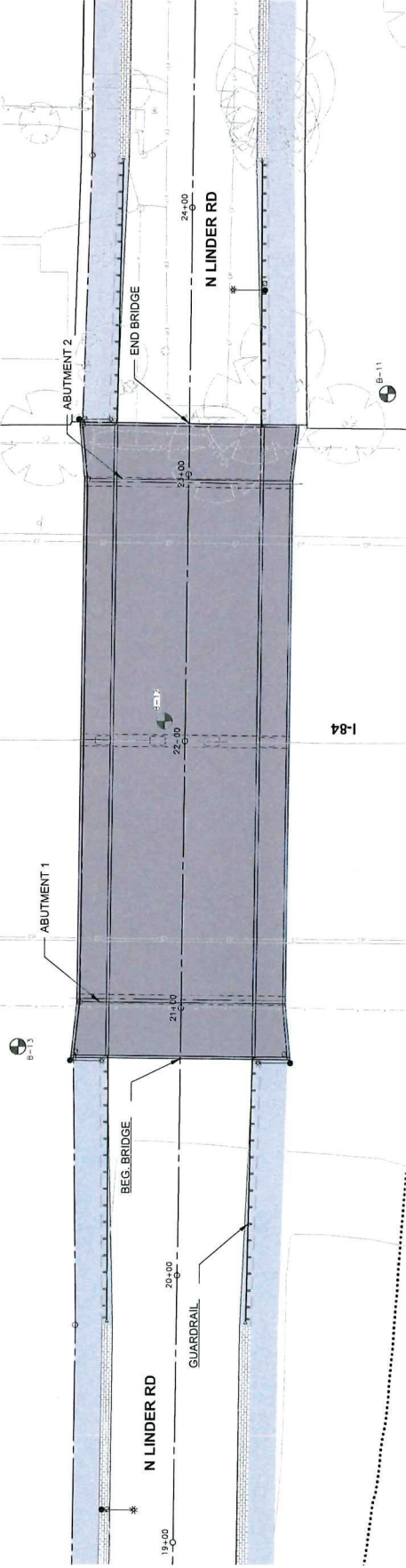
ENGLISH PROJECT NO.	A0(L)
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DESIGN AND GENERAL NOTES (2 OF 2)	196' PRESTRESSED CONCRETE BRIDGE LINDER ROAD OVER I-84 I-84 STA. 2270+45.60 LINDER RD STA. 22+00.00
-----------------------------------	---

BRIDGE KEY NO.	34260
COUNTY	ADA
BRIDGE DWG. NO.	18146

ORIGINAL SIGNED BY: _____
 APPROVED FOR CONSTRUCTION
PRELIMINARY
 DATE SIGNED: DATE

BRIDGE PLANS	KEY NO.
4	4



NOT APPROVED FOR CONSTRUCTION
 PRELIMINARY

BRIDGE KEY NO.	34260
COUNTY	ADA
BRIDGE DWG. NO.	18146
KEY NO.	
SHEET	5 OF 10

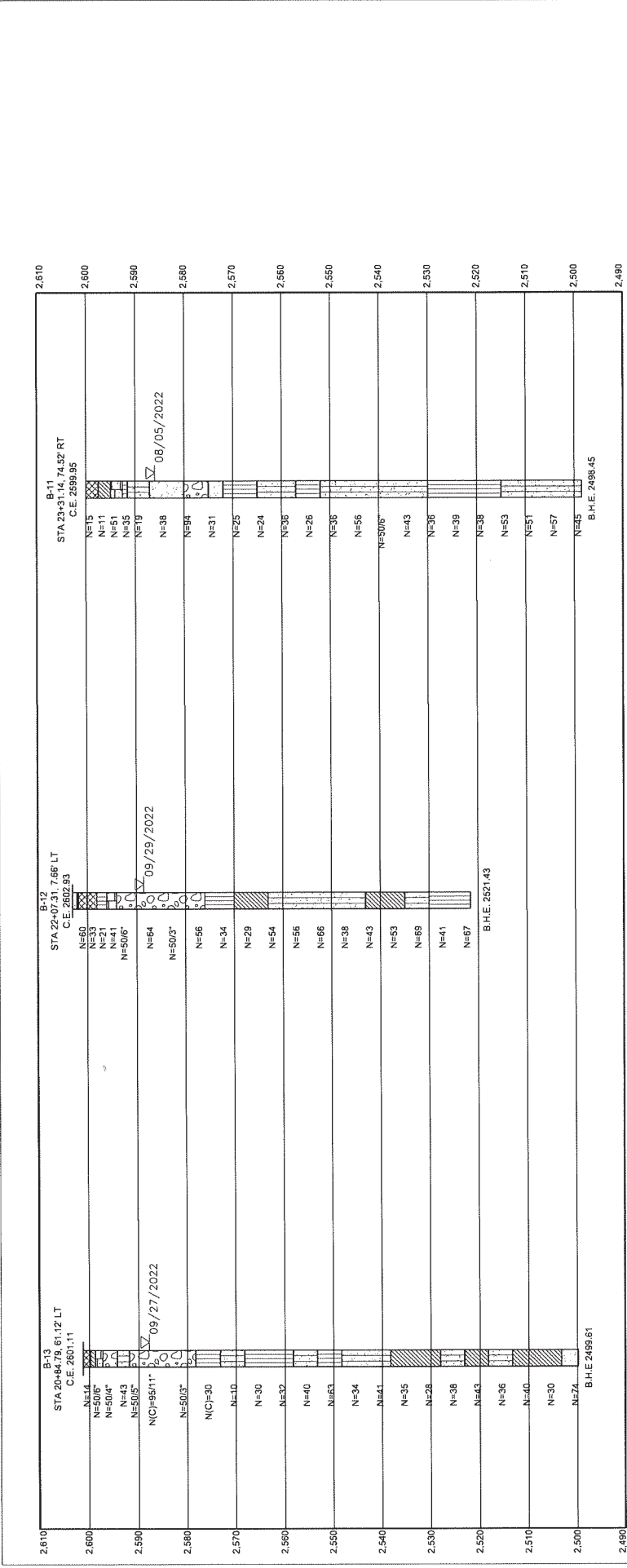
FOUNDATION INVESTIGATION (1 OF 2)
 196' PRESTRESSED CONCRETE BRIDGE
 LINDER ROAD OVER I-84
 I-84 STA. 2270+45.60 LINDER RD STA. 22+00.00

ENGLISH
 PROJECT NO.
 222104


IDAHO DEPARTMENT OF TRANSPORTATION
 YOUR SAFETY - YOUR MOBILITY - YOUR ECONOMIC OPPORTUNITY
KELLER ASSOCIATES

SCALES SHOWN
 ARE FOR 11" X 17"
 PRINTS ONLY
 CADD FILE NAME
 34260_BRF1_005
 DRAWING DATE:
 01/24/2023
 A. CORLEY

NO.	DATE	BY	REVISIONS	DESCRIPTION
			DESIGNED	
			CHECKED	
			DESIGNED	
			DRAWN	
			DETAILED	
			CHECKED	
			CORRECTIONS	



LEGEND

- ASPHALT
- CONCRETE
- LEAN CLAY WITH SAND, SANDY LEAN CLAY
- CEMENTED SILTY SAND
- SILTY SAND, SILTY SAND WITH GRAVEL, CLAYEY SAND
- SANDY SILT, SILT WITH SAND
- SAND WITH SILT AND GRAVEL, SAND WITH SILT
- GRAVELLY SAND, GRAVELLY SAND WITH GRAVEL, GRAVELLY SAND WITH GRAVEL AND COBBLES, GRAVELLY SAND WITH GRAVEL AND COBBLES
- WATER LEVEL ENCOUNTERED DURING DRILLING (DATE)
- C.E. COLLAR ELEVATION
- B.H.E. BOTTOM OF HOLE ELEVATION

NOTES

1. N - BLOWS OF A 140 LB. HAMMER FALLING 30" TO DRIVE A 2" O.D. STANDARD SPLIT SPOON PENETROMETER A DISTANCE OF 1.0' OR THE DISTANCE SHOWN.
2. NIC - BLOWS OF A 140 LB. HAMMER FALLING 30" TO DRIVE A 3" O.D. SPLIT BARREL "CALIFORNIA" SAMPLER A DISTANCE OF 1.0' OR THE DISTANCE SHOWN.
3. STRATIFICATION BOUNDARIES REPRESENT THE APPROXIMATE DEPTHS OF CHANGES IN SOIL TYPES. IN SITU, THE TRANSITION BETWEEN MATERIALS MAY BE GRADUAL. CLASSIFICATION OF INTERVALS BETWEEN SAMPLES WAS INFERRED BASED ON OBSERVATIONS OF THE DRILL RIG AND SOIL CUTTINGS.
4. COBBLES WERE ENCOUNTERED IN SOME LAYERS.
5. GROUNDWATER LEVELS SHOULD BE EXPECTED TO FLUCTUATE WITH TIME.
6. THE GEOTECHNICAL ENGINEERING REPORT, BORING LOGS AND OTHER INFORMATION RELATED TO THE FOUNDATION INVESTIGATION FOR THIS PROJECT ARE AVAILABLE AT THE TD DISTRICT OFFICE IN BOISE.



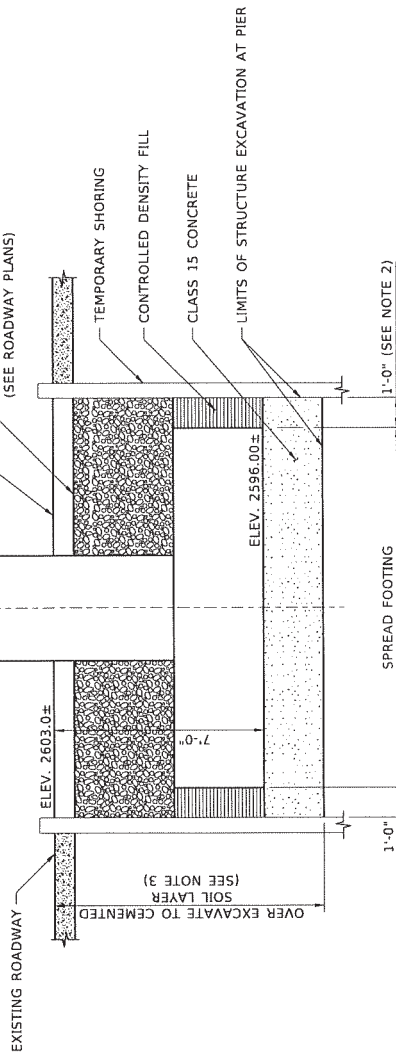
APPROVED
 PRELIMINARY
 FOR
 CONSTRUCTION

I, RYAN J. OLSEN, HAVE REVIEWED THE GEOTECHNICAL INFORMATION ON THIS DRAWING AND FIND IT TO BE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT PREPARED FOR THE PROJECT BY TERRACON CONSULTANTS, INC.

NO. DATE	BY	REVISIONS	DESIGNED D. CARRAHAN	SCALE SHOWN AS NOTED	DESIGNED D. CARRAHAN	PROJECT NO. 222104	FOUNDATION INVESTIGATION (2 OF 2)	BRIDGE KEY NO. 34280	BRIDGE PLANS
		DESCRIPTION	DETAILED R. OLSEN	PRINTS ONLY	CADD FILE NAME 34280_BRF1_005		196' PRESTRESSED CONCRETE BRIDGE LINDER ROAD OVER I-84	COUNTY ADA	KEY NO.
			DWG. CHECKED R. OLSEN		DRAWING DATE 01/24/2023		I-84 STA. 2270+45.60 LINDER RD STA. 22+00.00	BRIDGE DWG. NO. 18146	KEY NO.
			CORRECTIONS A. CORLEY						SHEET 6 OF 10

IDAHO DEPARTMENT OF TRANSPORTATION
 YOUR SAFETY - YOUR Mobility - YOUR Economic Prosperity

NOTE ONLY FOR \$S&L
 IT IS ENVISIONED THAT ALL EXCAVATION, SUB-GRADE PREPARATION, AND CLASS 15 PLACEMENT WILL BE PERFORMED WITHOUT EQUIPMENT OR PERSONNEL ENTERING THE EXCAVATION.



FOOTING EXCAVATION DETAIL
 1/4" = 1'-0"

- NOTES**
- EXTEND THE EXCAVATION BEYOND THE FOOTING EDGES ON ALL FOUR SIDES A MINIMUM OF 1'-0".
 - OVEREXCAVATE THE SILT SOILS BELOW THE FOUNDATION ELEVATION TO EXPOSE THE UNDERLYING CEMENTED SOIL LAYER OR THE DENSE TO VERY DENSE SAND AND GRAVEL DEPOSITS.

ORIGINAL STORED AT: ITD BRIDGE SECTION - Boise, Idaho

ORIGINAL SIGNED BY: **NOT PRELIMINARY FOR CONSTRUCTION**

DATE SIGNED: 10 / 18 / 2023

BRIDGE KEY NO.	34260
COUNTY	ADA
BRIDGE DWG. NO.	18146
KEY NO.	
SHEET NO.	
B	OF 10

PIER DETAIL

196' PRESTRESSED CONCRETE BRIDGE
 LINDER ROAD OVER I-84
 I-84 STA. 2270+45.60 LINDER RD STA. 22+00.00

ENGLISH

PROJECT NO.
 A0_(L)

IDAHO TRANSPORTATION DEPARTMENT
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FORSYREN ASSOCIATES, INC.

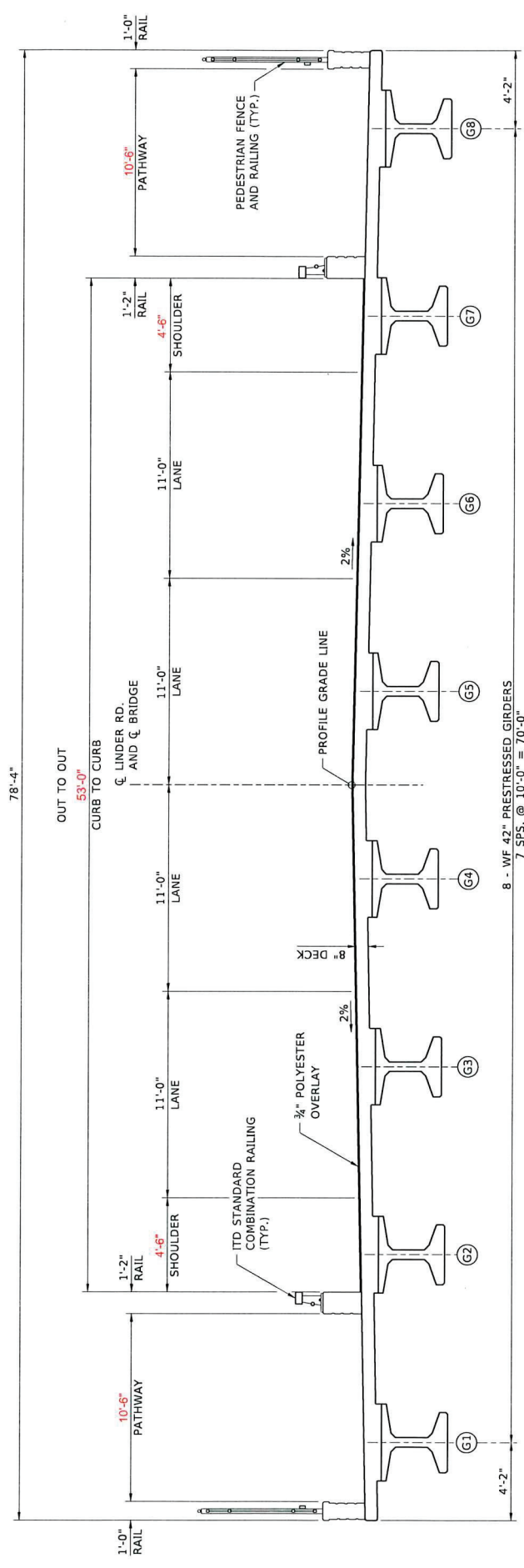
DESIGNED BY	K. JACOBSEN
CHECKED BY	D. SCHILLER
DETAILED BY	T. GHAN
CORRECTIONS	K. JACOBSEN
	T. GHAN

NO.	DATE	BY	DESCRIPTION

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: pier # 190304.dwg

DRAWING DATE: 4/18/2023



TYPICAL SECTION
 $\frac{3}{16}'' = 1'-0''$

ORIGINAL STORED AT: ITD BRIDGE SECTION - Boise, Idaho

ORIGINAL SIGNED BY:
 NOT APPROVED FOR PRELIMINARY CONSTRUCTION
 DATE SIGNED: DATE

BRIDGE KEY NO.	BRIDGE DWG. NO.
COUNTY	ADA
KEY NO.	18146
SHEET	9 OF 10

TYPICAL SECTION
 196' PRESTRESSED CONCRETE BRIDGE
 LINDER ROAD OVER I-84
 I-84 STA. 2270+45.60 LINDER RD STA. 22+00.00

ENGLISH	PROJECT NO.
A0_()	I-84 STA. 2270+45.60 LINDER RD STA. 22+00.00

TRANSPORTATION DEPARTMENT
 your safety - your mobility - your economic opportunity
 FORSGREN Associates, Inc.

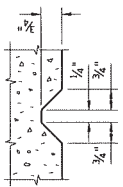
DESIGNED BY	DESIGNED IN
B. SCHILLER	B. SCHILLER
DEVALLED	DEVALLED
DWG. CHECKED	DWG. CHECKED
K. JACOBSEN	K. JACOBSEN
CORRECTIONS	CORRECTIONS
T. GHAN	T. GHAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME
 PROJECT NO. 34260
 DRAWING DATE: 4/18/2023

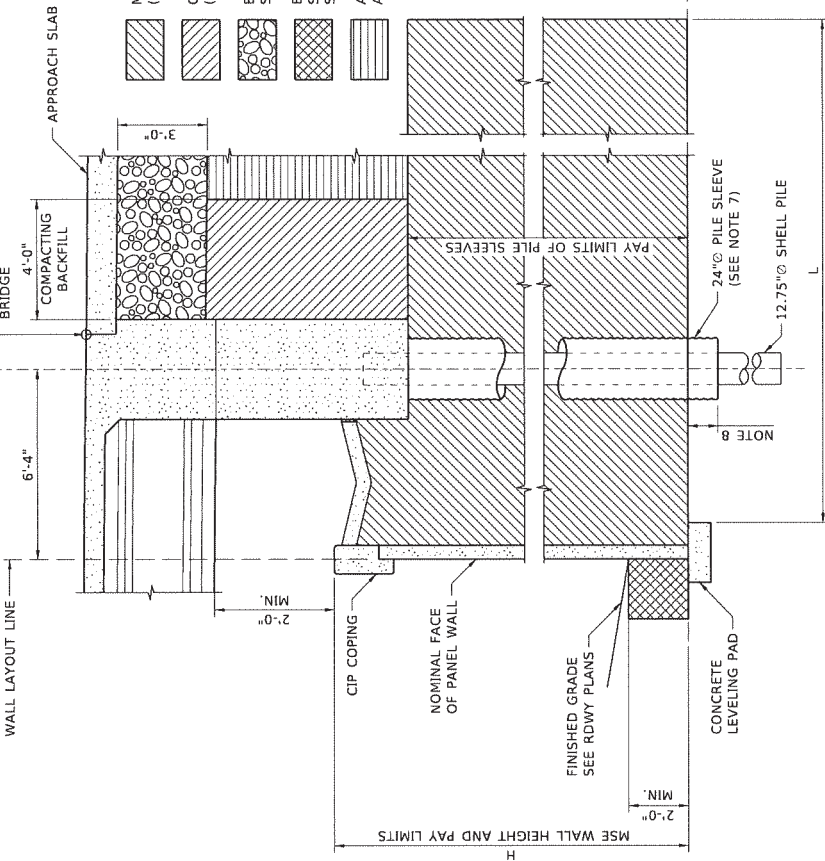
NO.	DATE	BY	REVISIONS

- NOTES**
1. PROVIDE MSE WALLS AND COPING IN ACCORDANCE WITH 5501-17A & 5501-18A.
 2. BOTTOM OF WALL LAYOUT AND ELEVATIONS ARE SHOWN FOR ESTIMATING PURPOSES. ADJUST AS REQUIRED BY THE MSE WALL MANUFACTURER.
 3. PROVIDE A MINIMUM MSE WALL REINFORCEMENT LENGTH, L, OF 80 PERCENT OF THE HEIGHT, H, AND NOT LESS THAN 8'-0". H IS MEASURED FROM THE TOP OF THE LEVELING PAD TO THE TOP OF COPING AS SHOWN IN THE PLAN DETAILS. ACTUAL MSE WALL REINFORCEMENT LENGTH TO BE DETERMINED BY WALL MANUFACTURER.
 4. MSE WALL PANEL THICKNESS OF 5 1/2" IS ASSUMED. ADJUST COPING WIDTH AND OTHER DIMENSIONS IF SUPPLIER USES A DIFFERENT THICKNESS OF PANEL.
 5. PROVIDE ARCHITECTURAL FINISH ON EXPOSED FACE OF ALL MSE WALLS. SEE 5501-17A FOR FORM LINER PATTERN. COAT EXPOSED CONCRETE SURFACES OF MSE WALLS AND COPING WITH ANTI-GRAFFITI COATING, SEE 574-005A.
 6. PROVIDE MINIMUM EMBEDMENT DEPTH TO TOP OF LEVELING PAD AS REQUIRED BY DESIGN, BUT NO LESS THAN 2'-0".
 7. POSITION PILE SLEEVES AT PILE LOCATIONS WITHIN THE REINFORCED ZONE IN ACCORDANCE WITH 577.
 8. EMBED PILE SLEEVES INTO EXISTING GROUND PRIOR TO PLACEMENT OF BACKFILL AS REQUIRED BY THE CONTRACTOR TO STABILIZE SLEEVES. EMBEDMENT LENGTH OF PILE SLEEVES IS CONSIDERED INCIDENTAL TO BID ITEM 577-005A PILE SLEEVE PER THE PAY LIMITS SHOWN IN THE PLANS.
 9. PROVIDE LEVELING PADS PER MANUFACTURER'S SPECIFICATIONS.
 10. PROVIDE PREFORMED JOINT FILLER PER AASHTO M213.

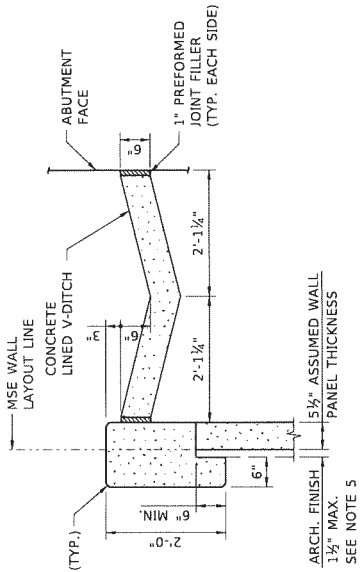
- MSE BACKFILL (5501-17A)
- COMPACTING BACKFILL (Z10-015A)
- BASE MATERIAL BELOW APPROACH SLAB, SEE APPROACH SLAB SHEETS
- BACKFILL IN FRONT OF WALL WITH GRANULAR SUBBASE EXCAVATION, BACKFILL, & GRANULAR SUBBASE, INCIDENTAL TO 5501-17A.
- ABUTMENT 1 (SOUTH SIDE) GRANULAR BORROW (205-040A)
- ABUTMENT 2 (NORTH SIDE) MSE BACKFILL (5501-17A)



COPING DUMMY JOINT
(PLACE IN COPING AT 10' MAX. INTERVALS AND AT GRADE BREAKS)
NTS



SECTION AT ABUTMENTS
1/2" = 1'-0"



COPING AND CONCRETE LINED V-DITCH DETAIL
1/2" = 1'-0"

NO	DATE	BY	REVISIONS


IDAHO TRANSPORTATION DEPARTMENT
 YOUR SAFETY—OUR MISSION—YOUR ECONOMIC OPPORTUNITY
FORSYTH Associates, Inc.

ENGLISH
PROJECT NO. A0(L)

MSE WALL DETAILS
196' PRESTRESSED CONCRETE BRIDGE
LINDER ROAD OVER I-84
I-84 STA. 2270+45.60 LINDER RD STA. 22+00.00

BRIDGE PLANS
BRIDGE KEY NO. 34260
COUNTY ADA
KEY NO.
BRIDGE DWG. NO. 15 SHEET 10 OF 10

ORIGINAL SIGNED BY:
APPROVED FOR CONSTRUCTION
PRELIMINARY
 DATE SIGNED:

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4	OWNERSHIP TABLE NO. 2
5	OWNERSHIP MAP NO. 1
6	OWNERSHIP MAP NO. 2
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21	PROFILE - STA. 28+00 - 33+00
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23	PROFILE - STA. 33+00 - 37+00
24	PLAN - STA. 37+00 - 42+00
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89	PEDESTRIAN HYBRID BEACON PLAN & DETAILS



75% COMPLETED

INDEX OF SHEETS * D E T A I L T I T L E *
* S I G N A T U R E S * Design By: J. Thomson Date: 05/2023 Drawn By: A. Corley Date: 04/2023
Project Name: Linder Rd, Overland Rd To Franklin Rd Project Number: 522038

Parcel ID	Parcel Assessor ID No.	Record Owner	Address	Assessed Ownership Size (SF)	Prescriptive ROW (SF)	Right-Of-Way Required (SF)	Easements (SF)		Remaining Ownership Size (SF)	Construction Sheet Number
							Perm. (S,U,D,B)	Temp.		
1	S1214449107	Aspen Grove Holdings LLC	1690 W Overland Rd Meridian, ID 83642-0000	841884		465	2934		841419	12, 14
2	R7192800710	HK&M LLC	1195 S Linder Rd Meridian, ID 83642-0000	48918		48918			0	18
3	R7192800700	Michael D Bird	1155 S Linder Rd Meridian, ID 83642-0000	41720		41720			0	18
4	R7192800676	Larry E Towns	1655 W Verbena Dr Meridian, ID 83642-0000	41643		4841		4705	36802	18
5	R7192800240	Lydia A Ferguson	995 S Linder Rd Meridian, ID 83642-0000	40946		40946			0	20
6	R7192800010	Ashley Spiegelman	865 S Linder Rd Meridian, ID 83642-0000	40946		40946			0	20, 22
7	R7594510010	DNKN Trust 08/10/2018	798 S Malachite Ave Meridian, ID 83642-0000	5532					5532	22
8	R7594510020	Lee Family Trust 04/25/2007	784 S Malachite Ave Meridian, ID 83642-0000	5619		1082	641		5619	24
9	R7594510030	Bradley K Simpson	770 S Malachite Ave Meridian, ID 83642-0000	5619		68	618		5619	24
10	R7594510040	Roundtree Place Homeowners Association	755 S Linder Rd Meridian, ID 83642-0000	8659		570	563	30	8059	24
11	R7594510050	Roundtree Place Homeowners Association	W Gander St Meridian, ID 83642-0000	3877			84		3877	24
12	R7594510060	Aden Muhidin	1612 W Gander St Meridian, ID 83642-0000	6534					6534	24
13	R8618270160	Tapstry Subdivision Association Inc	S Linder Rd Meridian, ID 83642-0000	2178		1082	641		1096	24
14	R8618270170	Dwight C Jensen	1629 W Bayeux Dr Meridian, ID 83642-0000	13547		68	618		13479	24
15	R8618270010	Tapstry Subdivision Association Inc	S Linder Rd Meridian, ID 83642-0000	1786		570	563		1216	24, 26
16	R8618270020	Tapstry Subdivision Association Inc	W Bayeux Dr Meridian, ID 83642-0000	5837			84		5837	24, 26
17	R8956001797	Kenneth Grapatin & Julia Family Trust 01/14/2022	1650 W Joshua Ln Meridian, ID 83642-0000	52141		2194	458	702	49947	26
18	R8956001690	Tobias Wotke	515 S Linder Rd Meridian, ID 83642-0000	77101		3581	947	436	73520	26
19	R8956001620	National Power USA LLC	485 S Linder Rd Meridian, ID 83642-0000	65340		2144	338	612	63196	26, 28
20	R8956001072	Carries Place LLC	465 S Linder Rd Meridian, ID 83642-0000	84506		2770	1179	669	81737	28
21	R9375790020	Whitestone Estates HOA Inc	S Linder Rd Meridian, ID 83642-0000	10977			1781		10977	28, 30
22	R9375790070	Michael J Hsiop	428 S Malachite Ave Meridian, ID 83642-0000	14767					14767	28
23	R9375790060	Tom J Hsiop	422 S Malachite Ave Meridian, ID 83642-0000	11151					11151	28
24	R9375790050	Randall V Berthoud	396 S Malachite Ave Meridian, ID 83642-0000	14375					14375	28
25	R9375790040	Liane M Hibath	374 S Malachite Ave Meridian, ID 83642-0000	8886					8886	30
26	R9375790030	Larry E Pomeroy	342 S Malachite Ave Meridian, ID 83642-0000	8756					8756	30
27	R9375790010	Kenneth J O'Lein	310 S Malachite Ave Meridian, ID 83642-0000	8756					8756	30
28	R9375790230	Jennifer O'Neill	276 S Malachite Ave Meridian, ID 83642-0000	9235					9235	30
29	R9375790220	Whitestone HOA	S Linder Rd Meridian, ID 83642-0000	1655		229	603		1427	30
30	R9375790010	Whitestone HOA	S Linder Rd Meridian, ID 83642-0000	4443		503		1203	3940	30, 32
31	R9375790020	Robin L Smith	250 S Malachite Ave Meridian, ID 83642-0000	9322					9322	30
32	R9375790030	Virginia L Gould	238 S Malachite Ave Meridian, ID 83642-0000	14898					14898	32
33	R8956000351	USA (Bureau Of Reclamation)	245 S Linder Rd Meridian, ID 83642-0000	30492		662		1024	29830	32
34	R8956000224	Open Door Rentals LLC	S Linder Rd Meridian, ID 83642-0000	38638		707		1488	37930	32
35	R8956000222	Open Door Rentals LLC	S Linder Rd Meridian, ID 83642-0000	41513		666		322	40847	32
36	R8956000210	Open Door Rentals LLC	115 S Linder Rd Meridian, ID 83642-0000	120661		1319		644	119342	32
37	R8956000200	Jacksons Food Stores Inc	1625 W Franklin Rd Meridian, ID 83642-0000	65993		3198		1173	62795	34
38	S1213223015	IFF Properties LLC	1535 W Franklin Rd Meridian, ID 83642-0000	48787		323		828	48464	34
39	R1608640150	Crestwood Estates HOA Inc	N Linder Rd Meridian, ID 83642-0000	24219		488		656	23731	32
40	R5135350160	Landing Owners Assoc Inc	240 S Linder Rd Meridian, ID 83642-0000	47945		653		574	46392	32
41	R5135350010	Landing Owners Assoc Inc	S Linder Rd Meridian, ID 83642-0000	13088		2144		591	10924	30, 32
42	S1213361885	DeBjar LLC	1580 W Overland Rd Meridian, ID 83642-0000	593941		1892		539	592048	30
43	R5135350170	Jeremy S Colegrove	1571 W Greenhead Dr Meridian, ID 83642-0000	12197		1995		495	10202	30
44	R5135350010	Diane Wheeler	441 S Spoonbill Ave Meridian, ID 83642-0000	11761		1473		369	10288	30
45	R5135350020	Claudina Engle	455 S Spoonbill Ave Meridian, ID 83642-0000	10019		1184		296	8835	30
46	R5135350030	June Harr	461 S Spoonbill Ave Meridian, ID 83642-0000	10019		1216		304	8803	28, 30



75% COMPLETED

OWNERSHIP TABLE NO. 1

Project Name: Linder Rd, Overland Rd To Franklin Rd

Project Number: 522038

Design By: J. Thornton

Drawn By: A. Conroy

Date: 05/2023

Date: 04/2023

Parcel ID No.	Parcel Assessor ID No.	Record Owner	Address	Assessed Ownership Size (SF)	Prescriptive ROW (SF)	Right Of Way Required (SF)	Easements (SF)		Remaining Ownership Size (SF)	Construction Sheet Number
							Perm. (S,U,D,B)	Temp.		
47	R5135360040	Connor Martin Rush	479 S Spoonbill Ave Meridian, ID 83642-0000	10454		1248		312	9206	28
48	R5135360050	Molly Fernlund	501 S Spoonbill Ave Meridian, ID 83642-0000	10019		1216		304	8803	28
49	R5135360060	Tyler J Purchase	519 S Spoonbill Ave Meridian, ID 83642-0000	9583		1152		288	8431	28
50	R5135360070	Dayna Clough	547 S Spoonbill Ave Meridian, ID 83642-0000	9583		1184		296	8399	28
51	R5135360080	Capri Lee Ann Younger	569 S Spoonbill Ave Meridian, ID 83642-0000	10890		1571		389	9319	28
52	R5135360030	Riley Johnson	1577 W Pintail Dr Meridian, ID 83642-0000	11326		1908		469	9418	26, 28
53	R5135360030	Abdul Sattar Al Zubaidi	548 S Linder Rd Meridian, ID 83642-0000	14375		1355		468	13020	26
54	R5135460440	Diana Kenig	1522 Joshua St Meridian, ID 83642-0000	5097				559	5097	26
55	R5135460460	Landing HOA Inc	W Joshua St Meridian, ID 83642-0000	14244			1324		14244	26
56	R5135470020	Stetson Homes Inc	S Linder Rd Meridian, ID 83642-0000	12110					12110	24, 26
57	S121323966	Stetson Homes Inc	660 S Linder Rd Meridian, ID 83642-0000	90943					90943	24, 26
58	R5135410200	Joni L Bryce	726 S Linder Rd Meridian, ID 83642-0000	11718				700	11718	24
59	R5135410210	Kristy Bobish Thompson	1546 W Gander Dr Meridian, ID 83642-0000	10106		87		486	10019	24
60	R5135410340	Sherri Hastig	1547 W Gander Dr Meridian, ID 83642-0000	9017		86		475	8931	22
61	R5464350010	Blue Horizon HOA Inc	S Linder Rd Meridian, ID 83642-0000	38028		62	97		37966	20, 22
62	R5464350090	Terence R Johnson	823 S Spoonbill Ave Meridian, ID 83642-0000	7013					7013	22
63	R5464350080	Devlin X Breining	859 S Spoonbill Ave Meridian, ID 83642-0000	6011					6011	22
64	R5464350070	Ashley Janellen Pentzer	881 S Spoonbill Ave Meridian, ID 83642-0000	6011					6011	22
65	R5464350060	Brittany Howard	881 S Spoonbill Ave Meridian, ID 83642-0000	6011					6011	22
66	R5464350050	Caleb Cook	937 S Spoonbill Ave Meridian, ID 83642-0000	6142					6142	20
67	R5464350040	Thomas M Weber & Susan A Living Trust	955 S Spoonbill Ave Meridian, ID 83642-0000	7971					7971	20
68	R5464350030	Bruce E Froman	1565 W Rainbow Trout St Meridian, ID 83642-0000	8407					8407	20
69	R5464350020	Blue Horizon HOA Inc	S Linder Rd Meridian, ID 83642-0000	66821			2341		66821	18, 20
70	R5464350400	Cheryl J Crowley	1005 S Spoonbill Ave Meridian, ID 83642-0000	5009					5009	20
71	R5464350410	Fernando Jacuinte	1019 S Spoonbill Ave Meridian, ID 83642-0000	5009					5009	20
72	R5464350420	Derek Giles	1033 S Spoonbill Ave Meridian, ID 83642-0000	5009					5009	20
73	R5464350430	Gerosin Family Trust 05/03/2021	1047 S Spoonbill Ave Meridian, ID 83642-0000	5009					5009	18
74	R5464350440	Lynn C Olson Revocable Trust	1061 S Spoonbill Ave Meridian, ID 83642-0000	5140					5140	18
75	R5464350450	Christina Najmabadi	1075 S Spoonbill Ave Meridian, ID 83642-0000	5227					5227	18
76	R5464350460	Kimball G&L Family Estate Trust	1089 S Spoonbill Ave Meridian, ID 83642-0000	5227					5227	18
77	R5464350470	Camy LLC	1103 S Spoonbill Ave Meridian, ID 83642-0000	5140					5140	18
78	R5464350480	Benny R Poole	1117 S Spoonbill Ave Meridian, ID 83642-0000	5009					5009	18
79	R5464350490	Betty J Slevin	1131 S Spoonbill Ave Meridian, ID 83642-0000	6403					6403	18
80	R5464350500	Mark A Riggs	1589 W Silver Salmon Dr, ID 83642-0000	7362					7362	18
81	R5135350020	Stephen L Craig	1580 W Greenmead Dr Meridian, ID 83642-0000	12632			2028		12632	12, 14, 16
82	S1224223501	Aspen Grove Holdings LLC	1575 W Overland Rd Meridian, ID 83642	94569		561			94008	10, 12
83	S1224223551	S3 Investments LP	1750 S Linder Rd Meridian, ID 83642	188615					188615	10
84	R2737350120	Fall Creek HOA INC	S Spoonbill Ave Meridian, ID 83642	45128					45128	10
85	R2737350220	Miguel M Lopez	1554 W Elias Dr Meridian, ID 83642	22477					22477	10
86	S1224110500	Louie D Shearer	1807 S Linder Rd Meridian, ID 83642	43560					43560	10
87	R8048710052	Idaho Pacific Lumber Company Inc	1770 S Spanish Sun Way Meridian, ID 83642	52795					52795	10
88	R8048710045	Southridge Farm LLC	S Linder Rd Meridian, ID 83642	17998					17998	10, 12
89	R8048710025	Southridge Farm LLC	1716 S Spanish Sun Way Meridian, ID 83642	75185					75185	10, 12

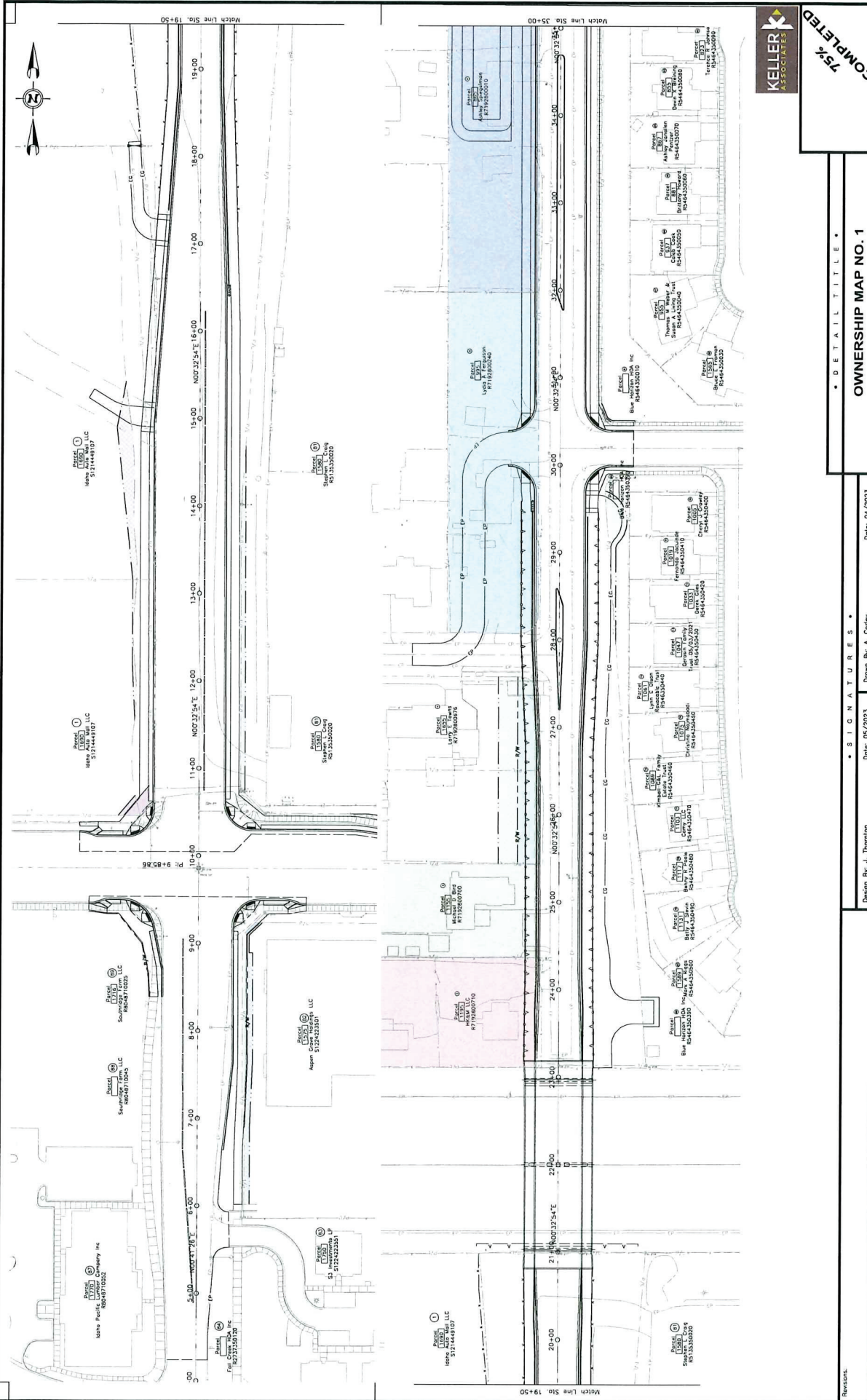


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OWNERSHIP TABLE NO. 2

Design By: J. Thornton Date: 05/2023

Drawn By: A. Conroy Date: 05/2023



• S I G N A T U R E S •
 Design By: J. Thornton
 Date: 05/2023
 Drawn By: A. Conley
 Date: 04/2023

• D E T A I L T I T L E •
OWNERSHIP MAP NO. 1

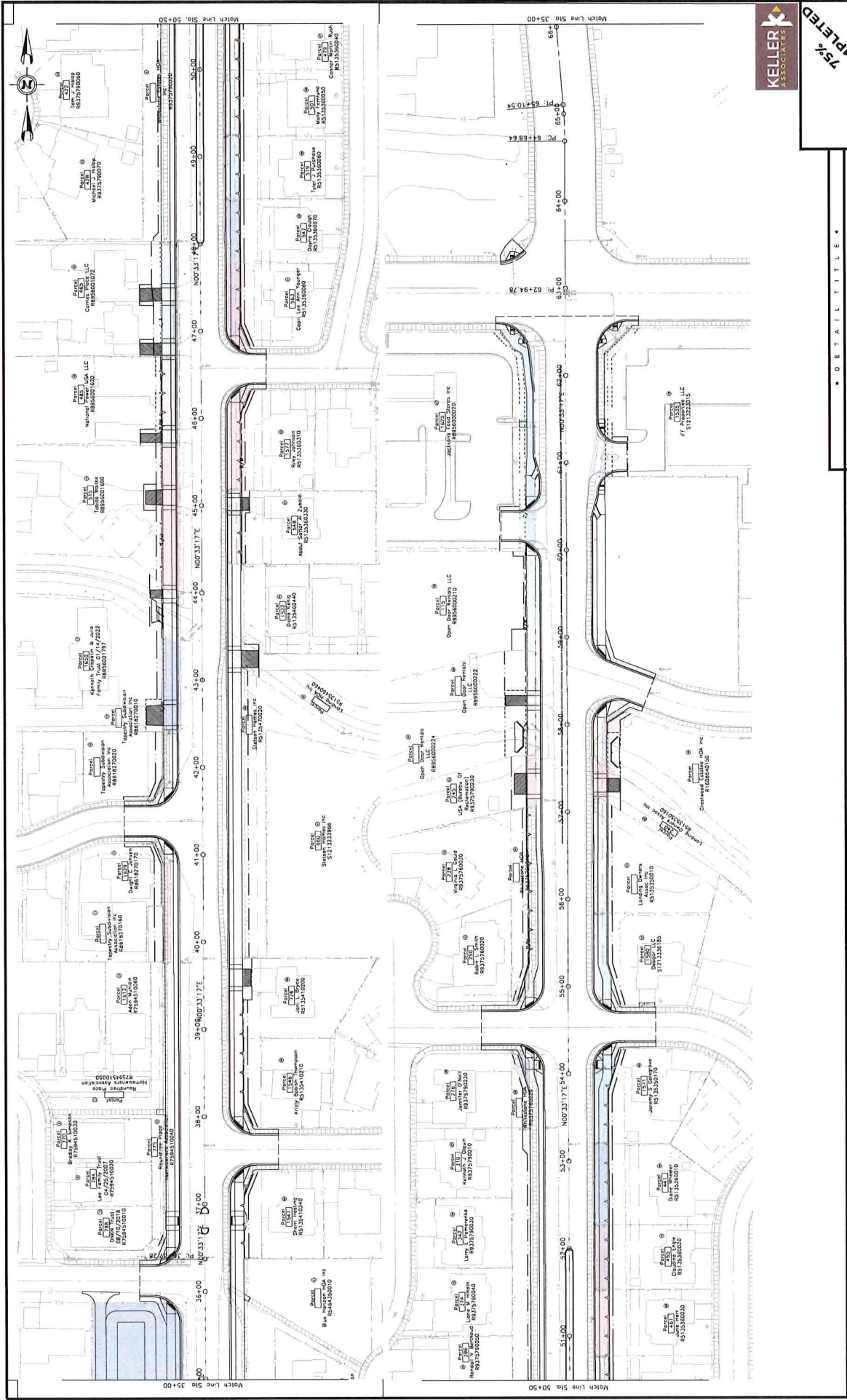
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www.adaidaho.org

Project Name: Linder Rd, Overland Rd To Franklin Rd
Project Number: 522038

Sheet 5 Of 89

KELLER ASSOCIATES



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OWNERSHIP MAP NO. 2

Project Name: Linder Rd, Overland Rd To Franklin Rd

Project Number: 522038

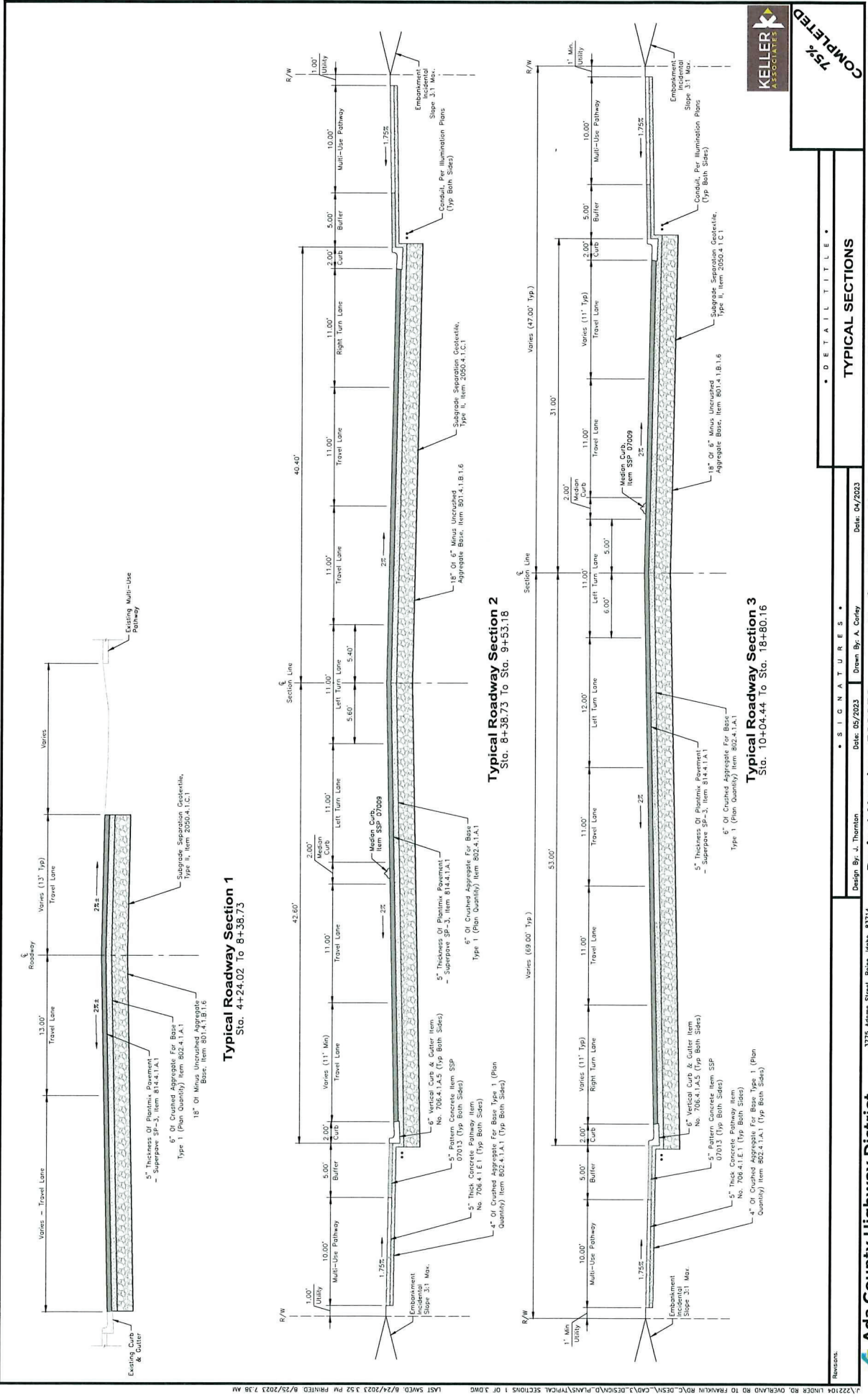
3775 Adams Street, Boise, Idaho, 83714
www.kelleridaho.com

Design By: J. Thornton Date: 05/2023
Drawn By: A. Cooley Date: 04/2023

• D E T A I L T I T L E •

Sheet 6 Of 89

Revision:



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• S I G N A T U R E S •
 Design By: J. Thornton
 Date: 05/2023
 Drawn By: A. Conley
 Date: 04/2023

• D E T A I L T I T L E •
TYPICAL SECTIONS

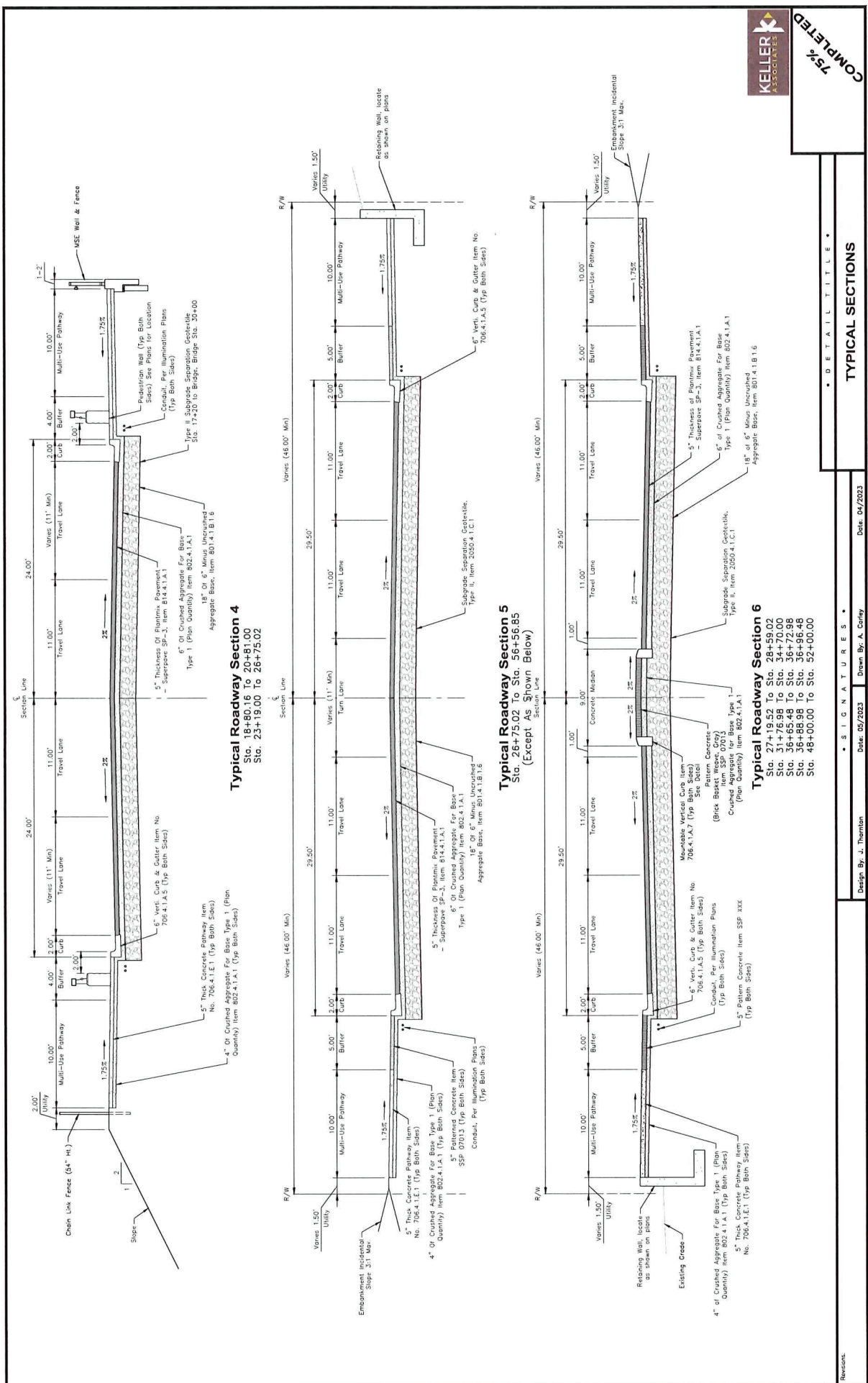
Ada County Highway District • 3775 Adams Street, Boise, Idaho, 83714
 www.ada.net

Project Name: Linder Rd, Overland Rd To Franklin Rd

Project Number: 522038

Sheet 7 of 89

Revision:



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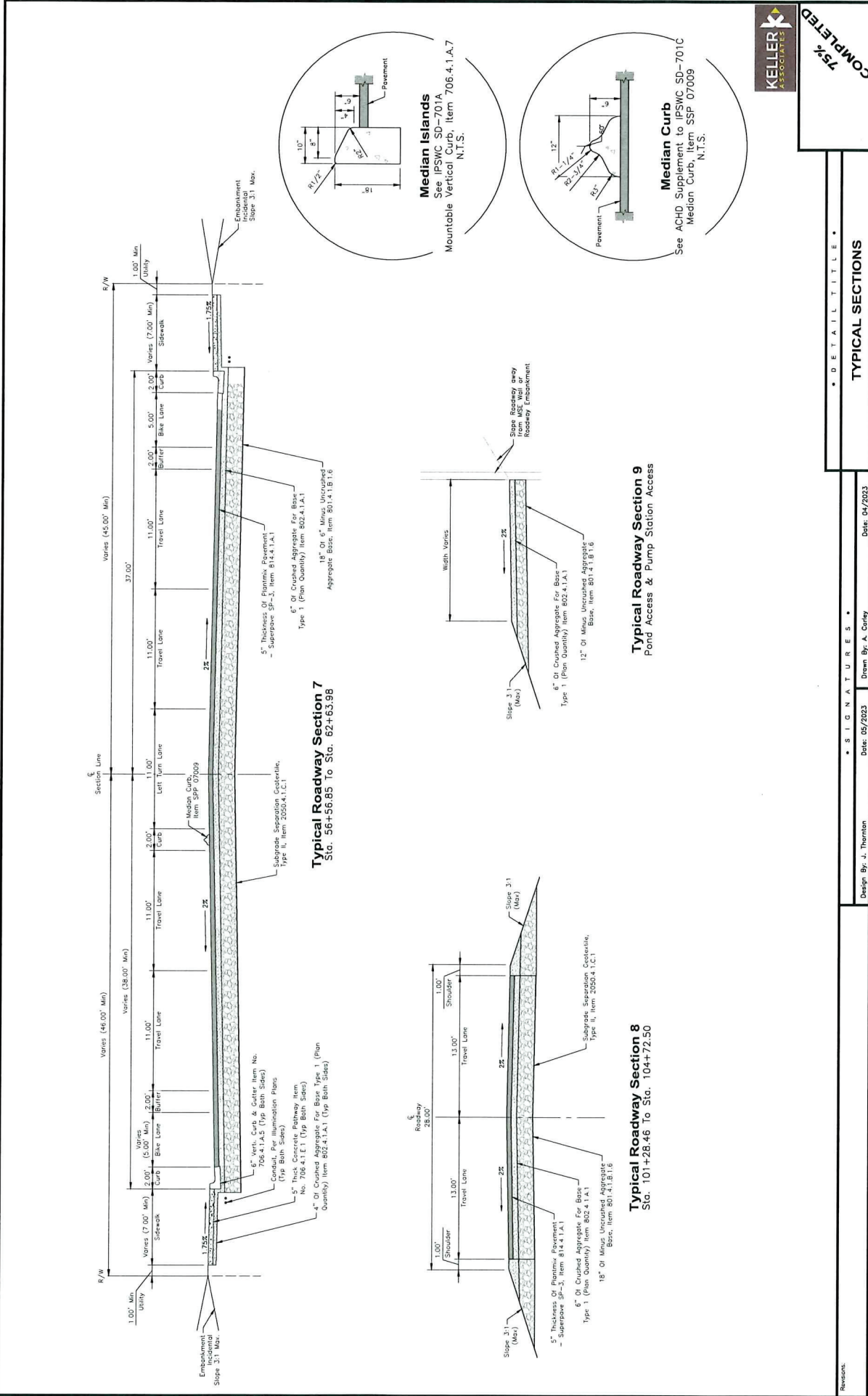
TYPICAL SECTIONS

• S I G N A T U R E S •
 Design By: J. Thornton
 Date: 04/2023

• D E T A I L T I T L E •
 Typical Sections

• S I G N A T U R E S •
 Design By: A. Coffey
 Date: 04/2023

• S I G N A T U R E S •
 Design By: A. Coffey
 Date: 04/2023



75% COMPLETED

KELLER ASSOCIATES

• D E T A I L T I T L E •

TYPICAL SECTIONS

• S I G N A T U R E S •

Design By: J. Thornton Date: 05/2023 Drawn By: A. Conroy Date: 04/2023

Ada County Highway District 3775 Adams Street, Suite 100, 83714 www.ada-idaho.org

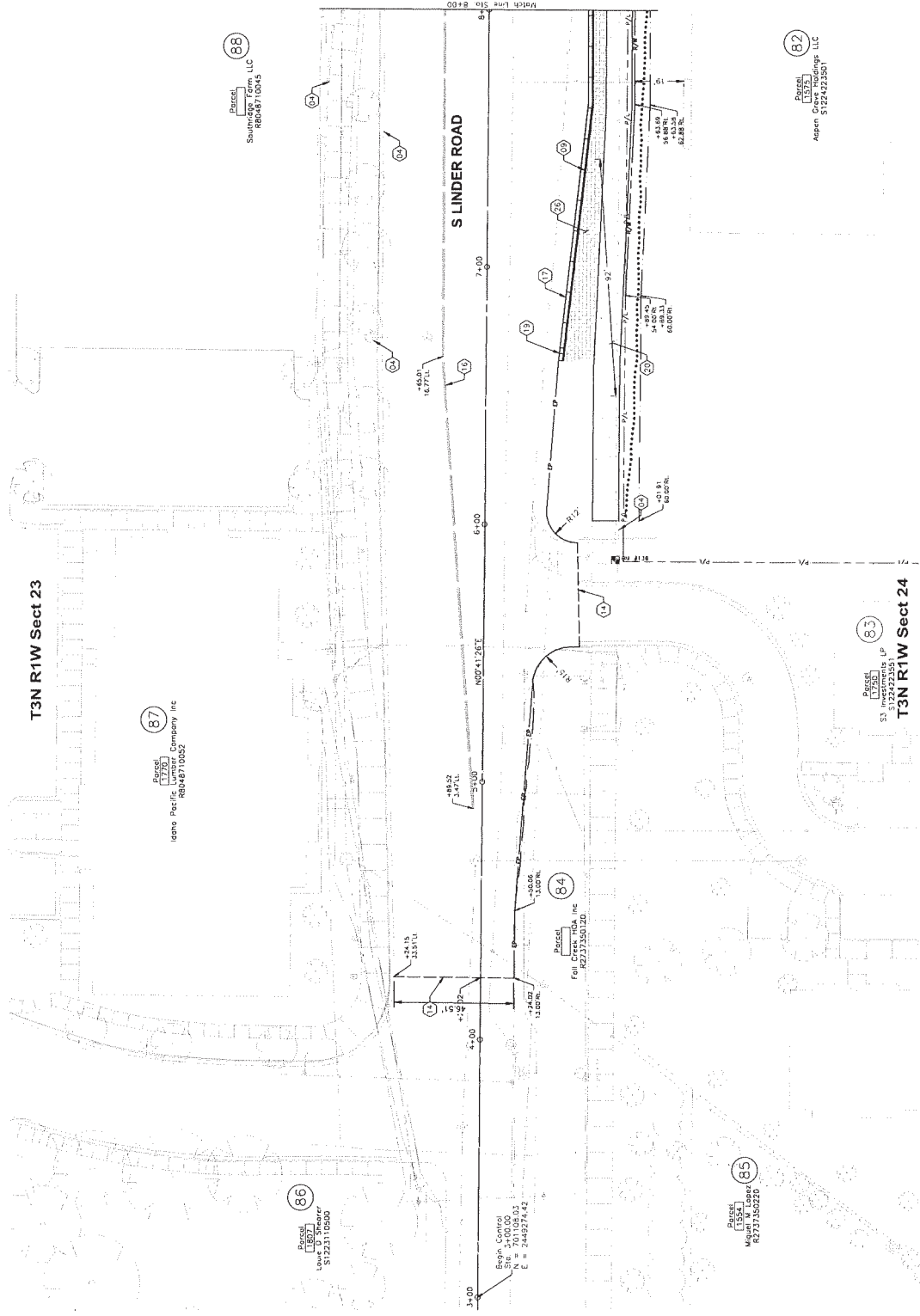
Project Number: 522038

Project Name: Linder Rd, Overland Rd To Franklin Rd

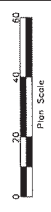
Sheet 9 Of 89

NOTES

- (04) Retain & Protect
- (05) Remove & Salvage Receptor Sign, Item 11.05.01.06
- (06) Sawcut Incidental to Project
- (07) Concrete Median Curb, 20" Sections with 2" Caps, Item SSP 070006
- (08) Stonecore 6-inch Vertical Curb & Gutter, Item 706A.1.A.5
- (09) Curb And Gutter, Type Curb Terminus, Item 706.4.1.A.7.9
- (10) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (11) Patterned Concrete, Item SSP 07013



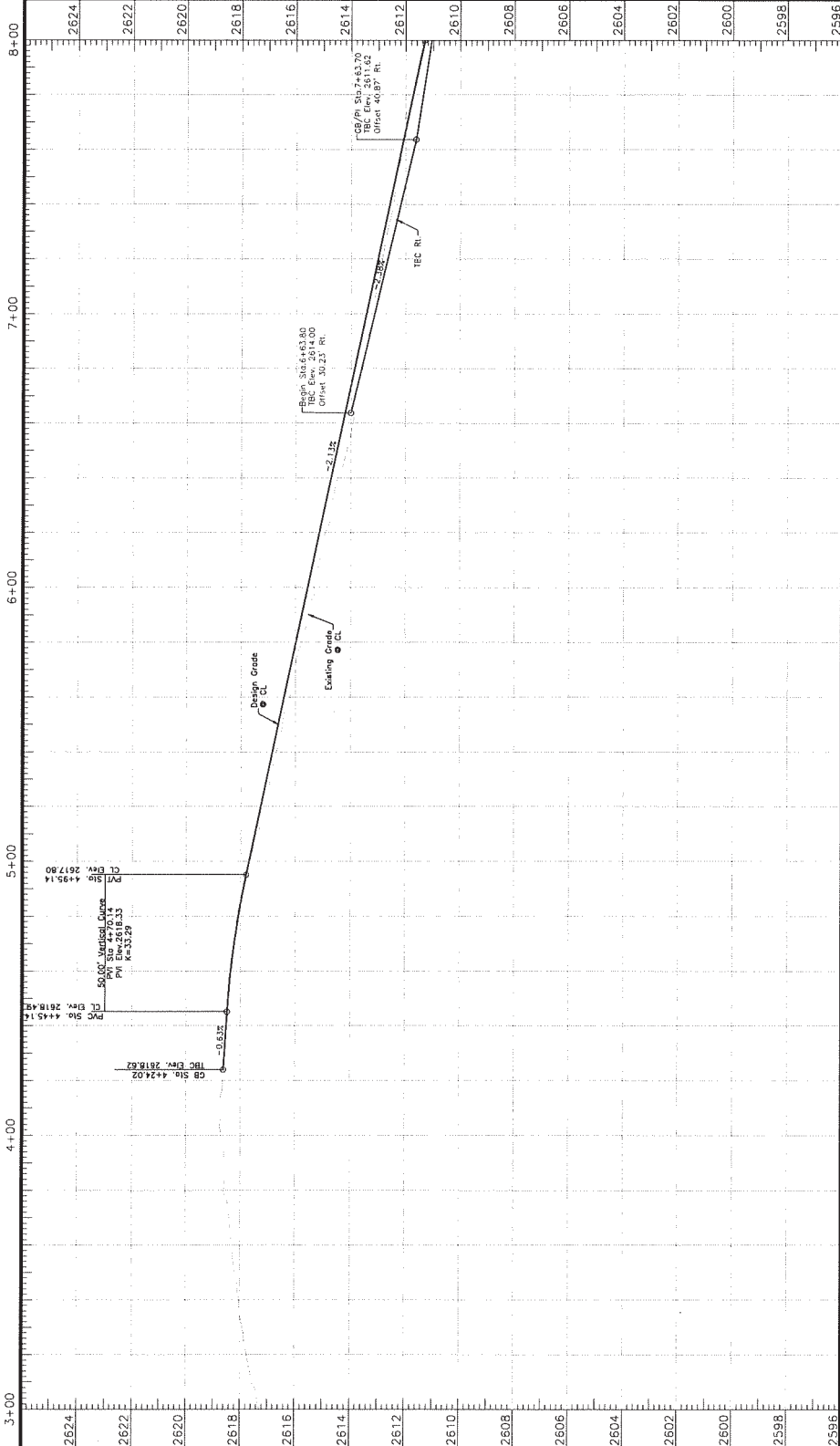
BENCH MARKS:
 BM #135 - 3/8" Iron Rod No Cap
 Station 706.05, 51.0' RL
 C. 2448328.91
 Epr 2613.91



75% COMPLETED



NOTES



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Revision: **ACRD** Ada County Highway District • 3775 Adams Street, Boise, Idaho, 83714 • www.schiddo.org

Design By: J. Thomson Date: 04/2023 Project Number: 522038

Drawn By: A. Corley Date: 04/2023 Survey By: A. Nelson Date: 04/2023 Project Name: Linder Rd, Overland Rd To Franklin Rd

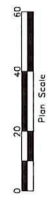
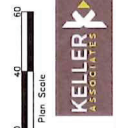
J:\222194\11028\11028.dwg, OVERLAND RD TO FRANKLIN RD, CLS\V\DOT\3_052\CD\02_Plan\11028.dwg, PROJECT SHEETS.DWG, LAST SAVE: R/27/2023 8:44 PM, RVT/0 R/25/2023 7:46 AM

NOTES

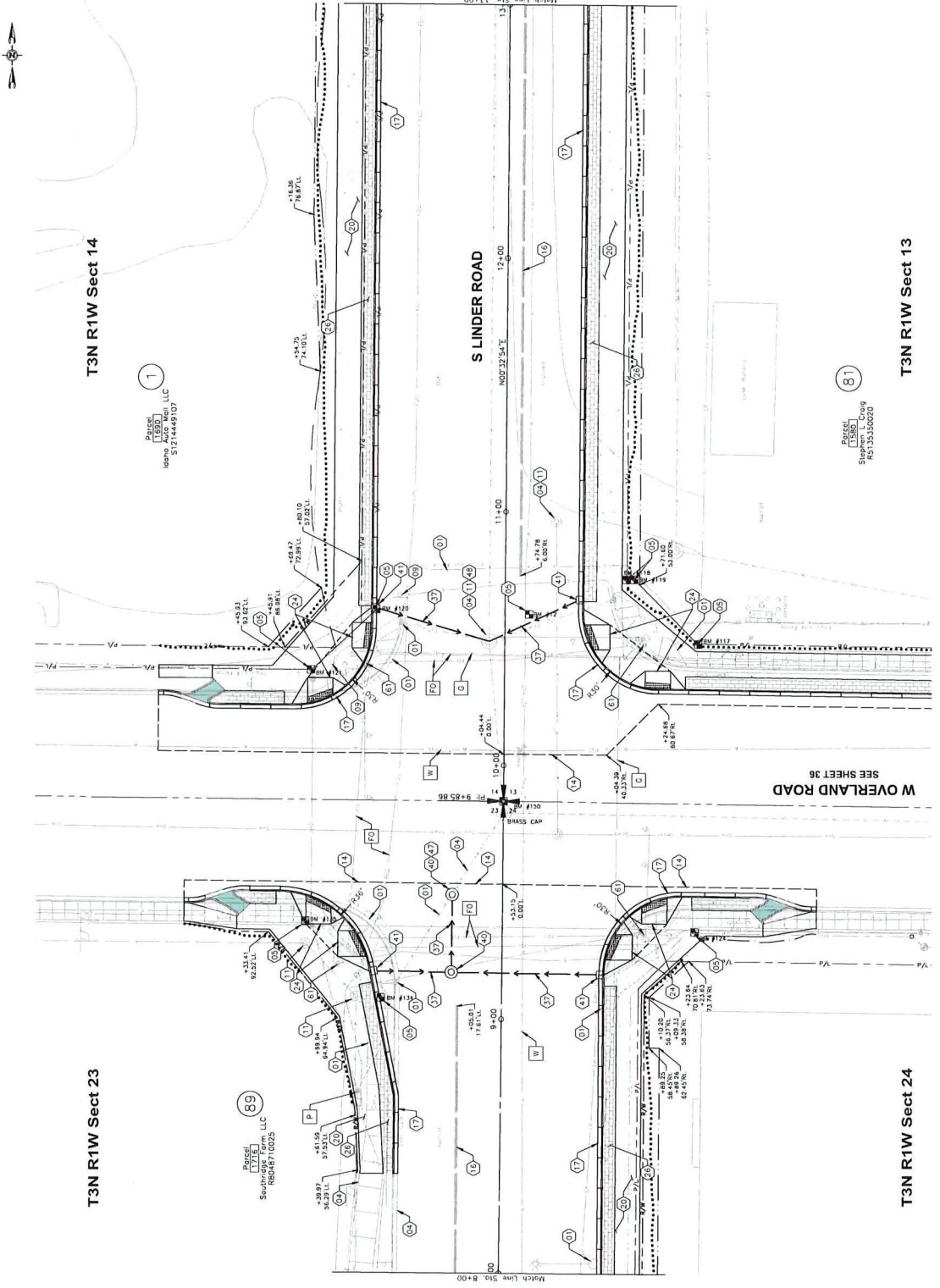
- 01 Removal of Obstructions, Item 201.4.1.C.1
- 02 Retain & Protect
- 03 Reference and Reset Monuments
- 04 Remove & Salvage Roadside Sign, Item 1135.01.06
- 05 Adjust Manhole To Grade, Item 2030.41.A.1
- 06 Sawcut Incidental to Project
- 07 Concrete Median Curb, 20' Sections with 2' Cops, Item SSP 070096
- 08 Standard 6-Inch Vertical Curb & Gutter, Item 706.41.A.5
- 09 Concrete Sidewalk, Thickness 5", Item 706.41.E.1.5
- 10 Pad Ramp w/ Detectable Warning Baffles, Type A, Item 706.41.H.4.A
- 11 Patterned Concrete, Item SSP 07013
- 12 12" PVC - C900, Item 601.4.1.A.05.12A
- 13 48" Dia. Storm Drain Catch Manhole, Item 602.41.E.1.048
- 14 Catch Basin - Type I, Item 602.41.F.1
- 15 Connect Existing Pipe to New Structure, Incidental
- 16 Connect New Pipe to Existing Structure, Incidental
- 17 Traffic Signal & Related Equipment Modified, See Signal Plans

BENCH MARKS:

- BM #130 - Brass Cap 5291
- Sta. 071+85.37, O.C.P. RL
- E. 2448282.69
- Elev. 2609.54



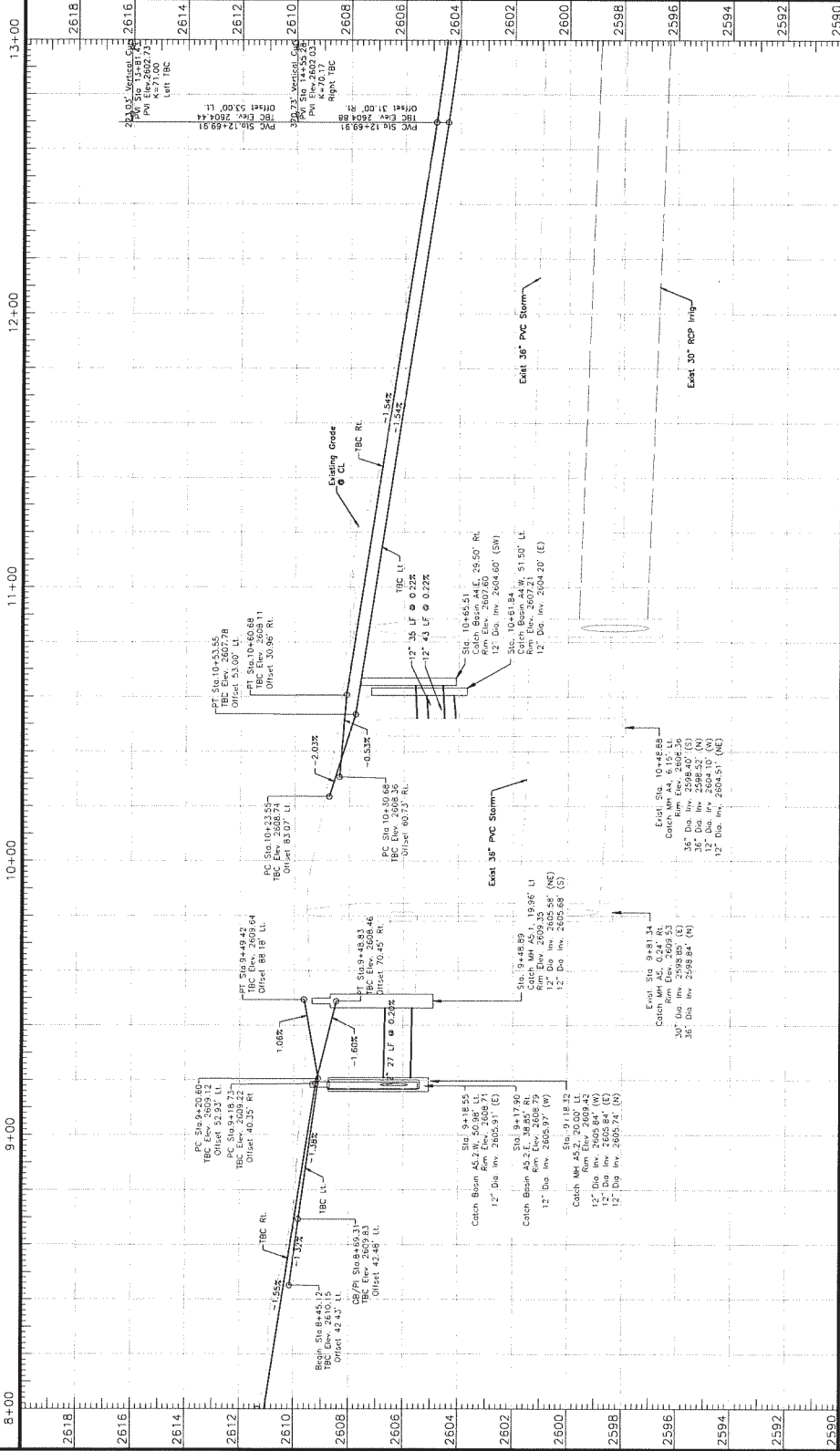
75% COMPLETED



Parcel 13560, Stephen L. Craig, RD 1355500010

Parcel 13560, Stephen L. Craig, RD 1355500010

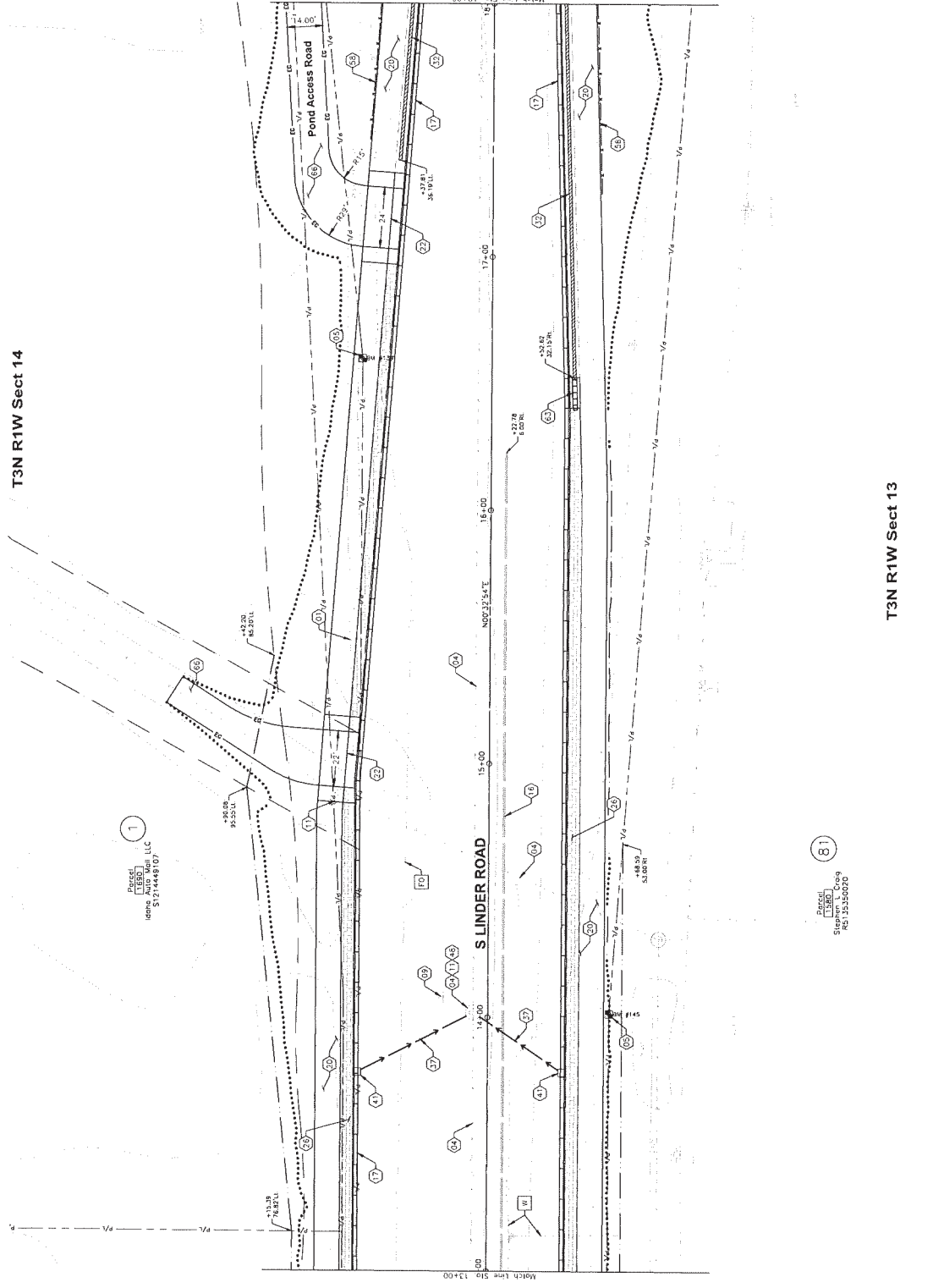
NOTES



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NOTES

- 61 Removal of Obstructions, Item 201.4.1.C.1
- 62 Retain & Protect
- 63 Reference and Rest Markuments
- 64 Remove & Salvage Roadside Sign, Item 1155.01.06
- 65 Adjust Menhole To Grade, Item 2030.41.A.1
- 66 Concrete Median Curb, 20" Sections with 2' Gaps, Item SSP 070096
- 67 Standard 5-inch Vertical Curb & Gutter, Item 706.41.A.5
- 68 Concrete Sidewalk, Thickness 5", Item 706.41.E.1.5
- 69 Concrete Driveway Approach, Item 706.41.F.1
- 70 Patterned Concrete, Item SSP 07013
- 71 Pedestrian Walk, Item SSP 20105.A
- 72 12" P.C. - C900, Item 801.41.A.05.12A
- 73 Catch Basin - Type 1, Item 602.41.F.1
- 74 Connect New Pipe to Existing Structure, Incidental
- 75 Fence - 4" Chain Link, Item 2040.41.A.1
- 76 QuadGuard M10 Crank, Curbion
- 77 Crown Access Road: Typical Roadway Section 9



T3N R1W Sect 14

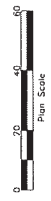
T3N R1W Sect 13

1
 Parcel
 Owners
 Igans Auto Sales, LLC
 512144489167

81
 Parcel
 Owners
 Stephen L Coag
 RS15150020

BENCH MARKS:

- BM #145 - 1/2" Iron Rod 4116
- Sta. 702509.031, 481.7' RL
- C. 2448334.75
- Elev. 2803.35



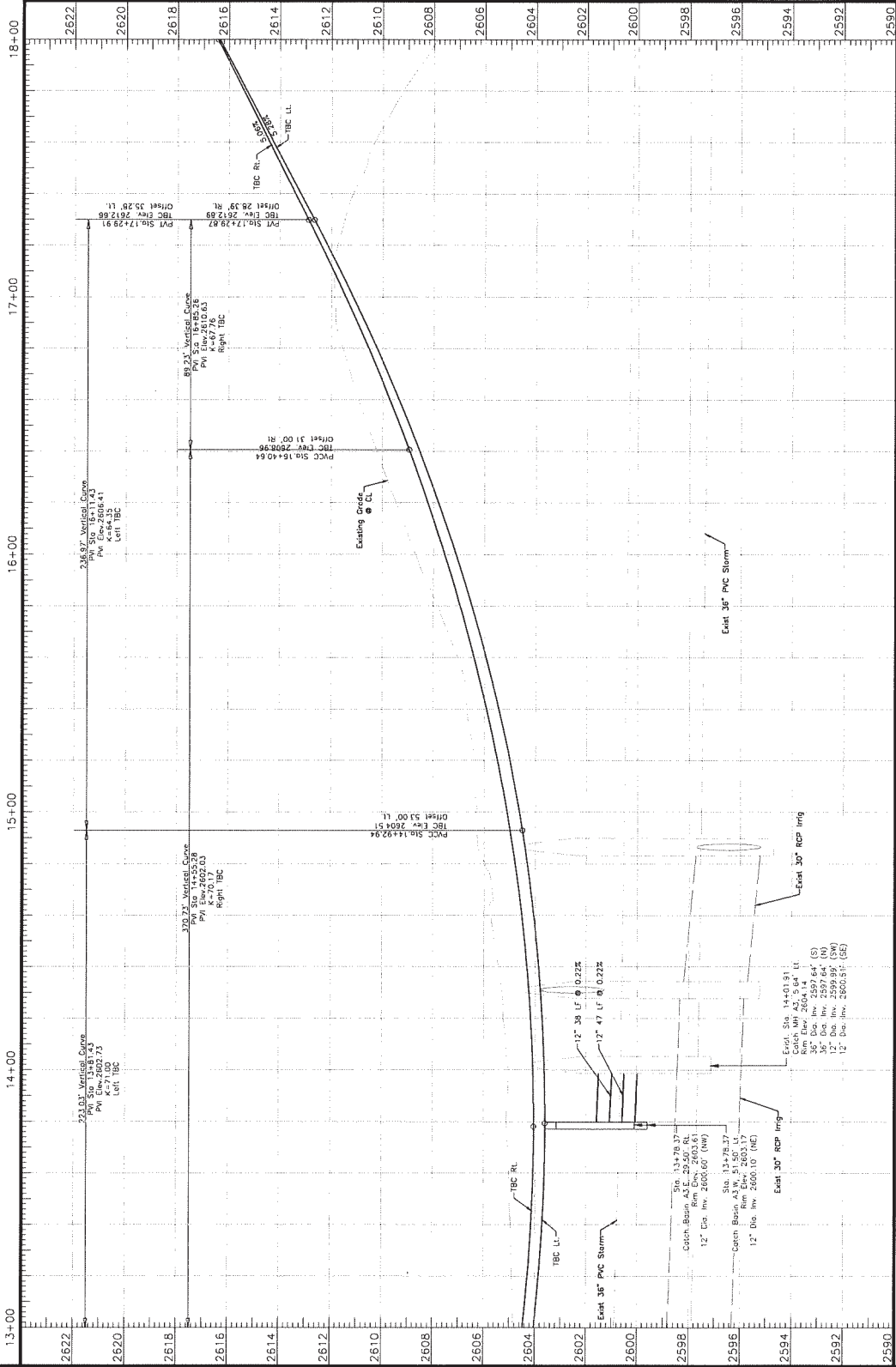
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Design By: J. Thornton	Date: 04/2023	Survey By: A. Joffe	Date: 04/2023
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Revisions:

NOTES



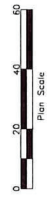
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NOTES

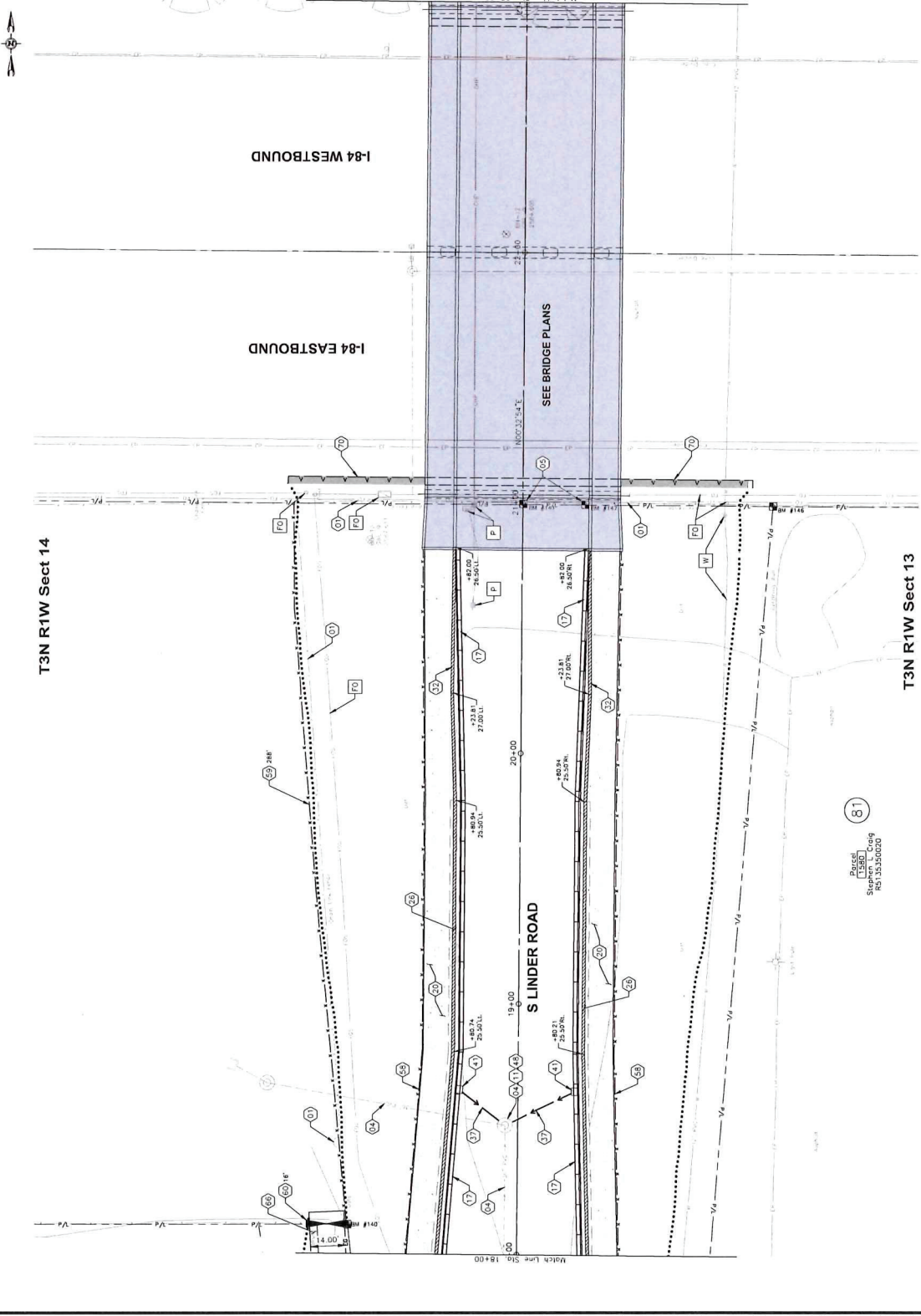
- (01) Removal of Obstructions, Item 201.4.1.C.1
- (02) Retain & Protect
- (03) Reference and Rest Monuments
- (04) Adjust Monuments to Grade, Item 2030.4.1.A.1
- (05) Standard 5'-high Vertical Curb & Gutter, Item 706.4.1.A.3
- (06) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (07) Patterned Concrete, Item SSP 07013
- (08) Retention Wall, Item SSP 20105.A
- (09) 12" PVC - CS90, Item 601.4.1.A.05.12A
- (10) Catch Basin - Type I, Item 602.4.1.F.1
- (11) Connect New Pipe to Existing Structure, Incidental
- (12) Fence - 4' Chain Link, Item 2040.4.1.A.1
- (13) Fence - 6' Chain Link, Item 2040.4.1.A.1
- (14) Gates - 6' Chain Link, Item 2040.4.1.B.1.D
- (15) Gravel Access Road: Typical Roadway Station 9
- (16) Retaining Wall, See Bridge Plans

BENCH MARKS:

BM #146 - 1/2" Iron Rod
 Stationing: 511.07 RL
 E: 2448391.48
 Elev: 2801.61



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T3N R1W Sect 14

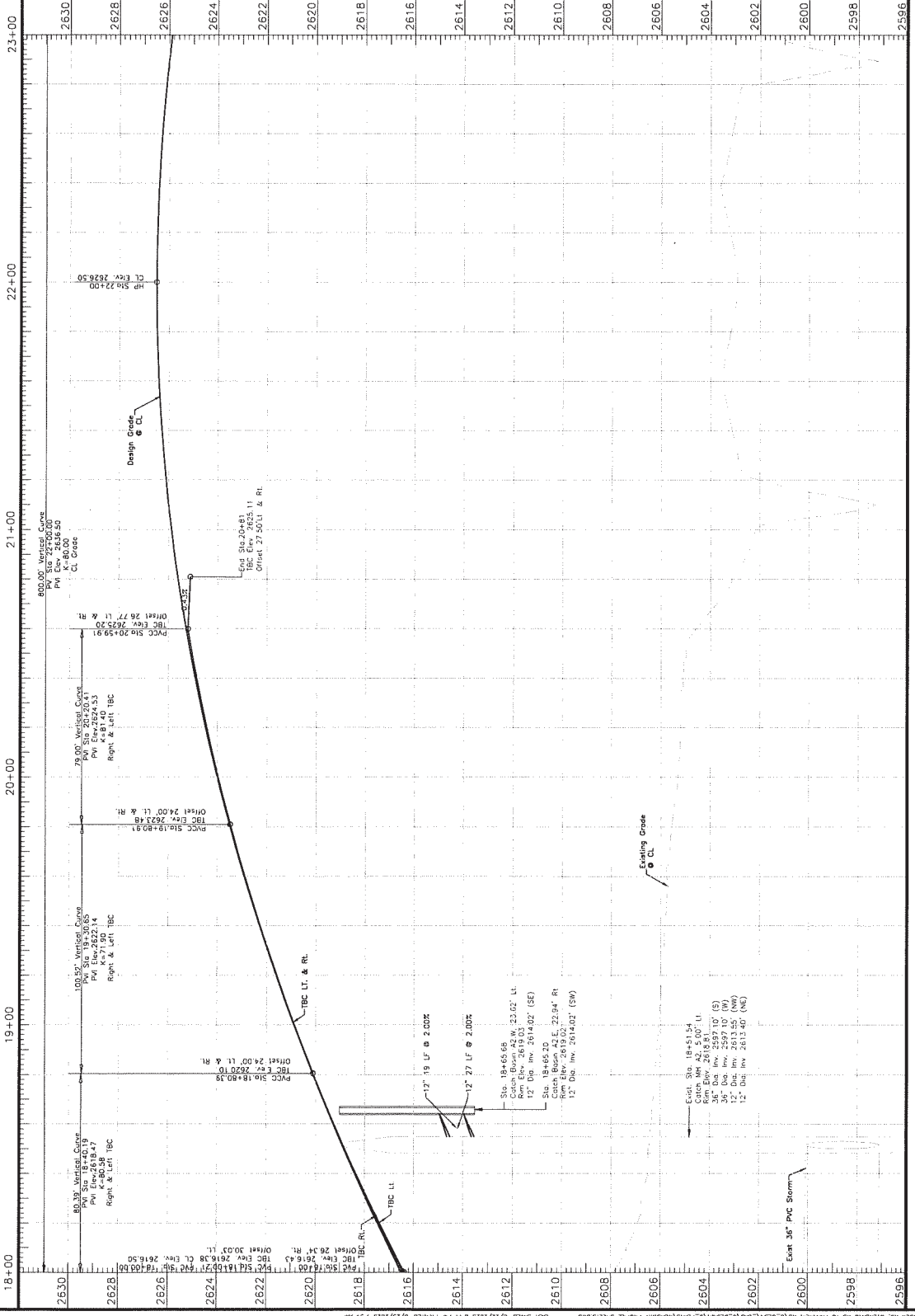
T3N R1W Sect 13

Parcel
 ID: 8380
 State: CO
 S: 135-350020

Design By: J. Thomson Date: 04/2023 Survey By: A. Coffey Date: 04/2023
 Project Name: Linder Rd, Overland Rd To Franklin Rd
 Project Number: 522038

Adaco Ada County Highway District • 3775 Adams Street, Boise, Idaho, 83714 • www.adacohighway.org

NOTES



0 20 40 60
Feet
Plan Scale

KELLER ASSOCIATES

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Revisions: **ACAD** Ada County Highway District • 3775 Adams Street, Boise, Idaho, 83714 • www.acadidaho.org

Design By: J. Thornblom Date: 04/2023 Drawn By: A. Cerney Date: 04/2023 Survey By: A. Hiden Date: 04/2023

Project Name: Linder Rd, Overland Rd To Franklin Rd

Project Number: 522038

Sheet 17 Of 89

LAST MODIFIED: 04/27/2023 11:44 AM PROJECT: 522038 75% ACAD

NOTES

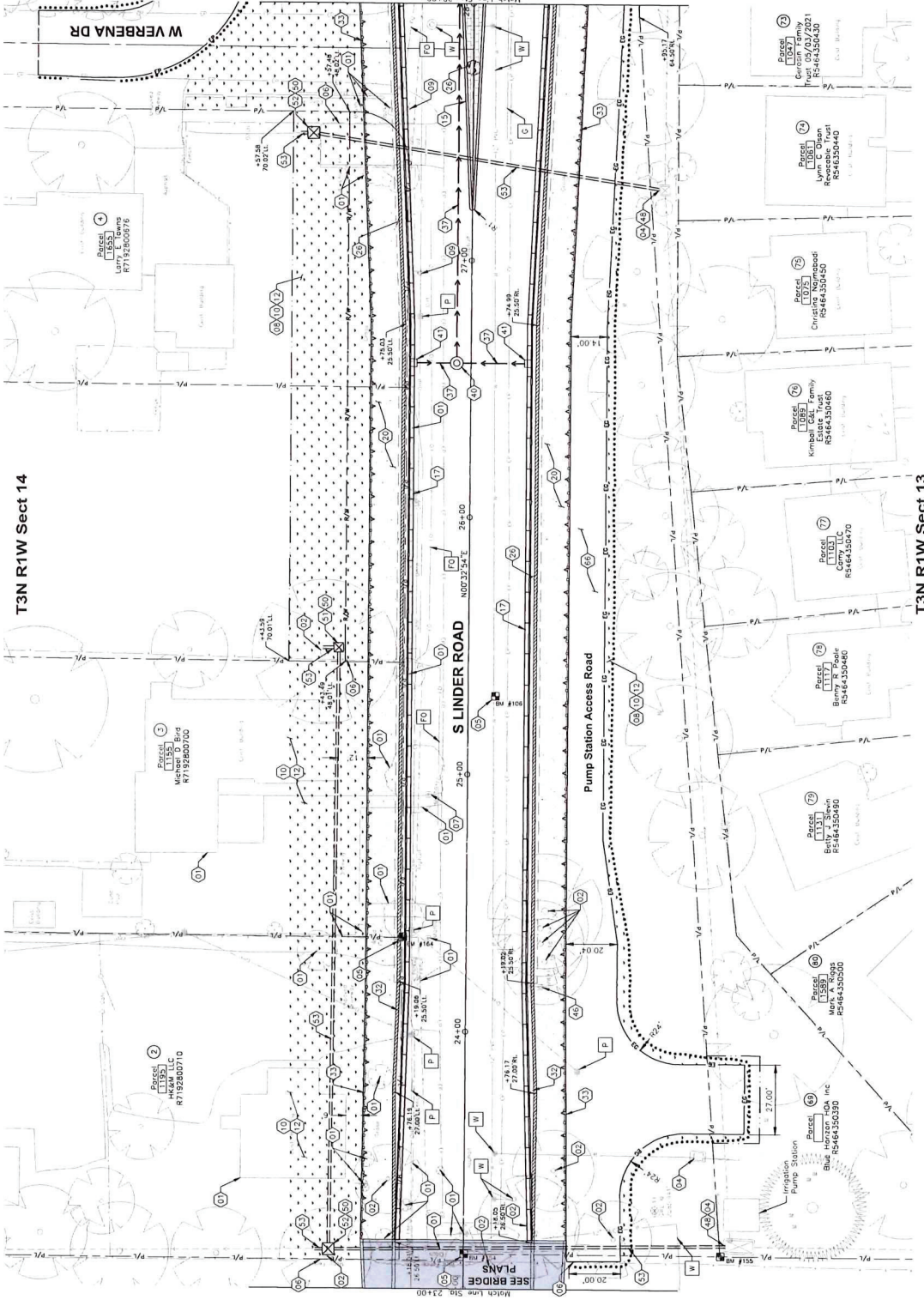
- (01) Removal of Obstructions, Item 201.4.1.C.1
- (02) Remove Tree (6" >), Item SSP 29093
- (03) Retain & Protect
- (04) Reference and Reset Monuments
- (05) Remove & Reset Fence, Item SSP 20009
- (06) Remove & Reset Mchbox, Item SSP 25060
- (07) Remove & Reset Sprinkler System, Item SSP 29101
- (08) Remove & Salvage Roadside Sign, Item 1135.01.06
- (09) Sid Repair, Item SSP 29065
- (10) 4" Topsoil, Item SSP 25050
- (11) Mountable Vertical Curb, Item 706.4.1.A.3
- (12) Standard 8-inch Vertical Curb & Gutter, Item 706.4.1.A.3
- (13) Concrete Sidewalk, Thickness 5", Item 706.4.1.E.1.5
- (14) Patterned Concrete, Item SSP 07013
- (15) Pedestrian Wall, Item SSP 20105.A
- (16) MSE Retaining Wall and Fence, See Retaining Wall Plans
- (17) 12" PVC - CS90, Item 601.4.1.A.05.12A
- (18) 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.04E
- (19) Catch Basin - Type I, Item 602.4.1.F.1
- (20) Adjust Monitoring Well To Grade, Item SSP
- (21) Connect New Pipe to Existing Structure, Incidental
- (22) 12" Dia. Churny Irrigation Side & Gate Type C-B, Item 602.4.1.C.1.21
- (23) Concrete Irrigation Box - Size 3'x3' O.D., Item 602.4.1.M.1
- (24) Concrete Irrigation Box - Size 4'x4' O.D., Item 602.4.1.M.1.B
- (25) 12" RCP, Item
- (26) Gravel Access Road, Typical Roadway Section 9

BENCH MARKS:

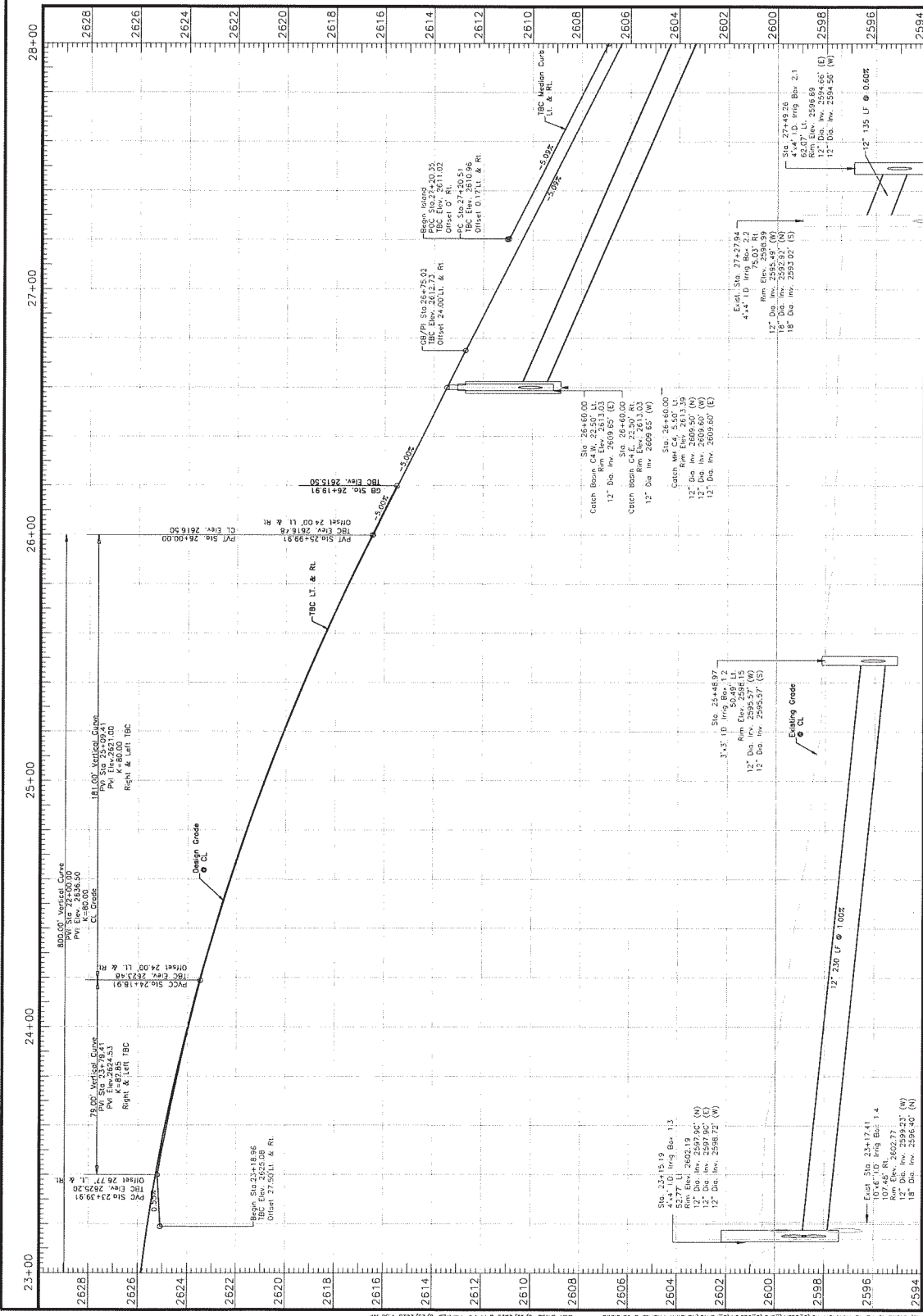
BM #155 - 5/8" Iron Rod 4431
 Sta. 23+13.36, 100.2' RL
 E. 2443395.61
 Elev. 2600.60



75% COMPLETED



NOTES



KELLER ASSOCIATES

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Plan Scale

Sheet 19 Of 89

Project Name: Linder Rd, Overland Rd To Franklin Rd
 Project Number: 522038



3775 Adams Street, Boise, Idaho, 83714
 www.achdinfo.org

Design By: J. Thornton

Date: 04/2023

Drawn By: A. Corley

Date: 04/2023

Survey By: A. Harfen

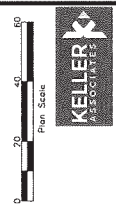
Date: 04/2023

Revision:

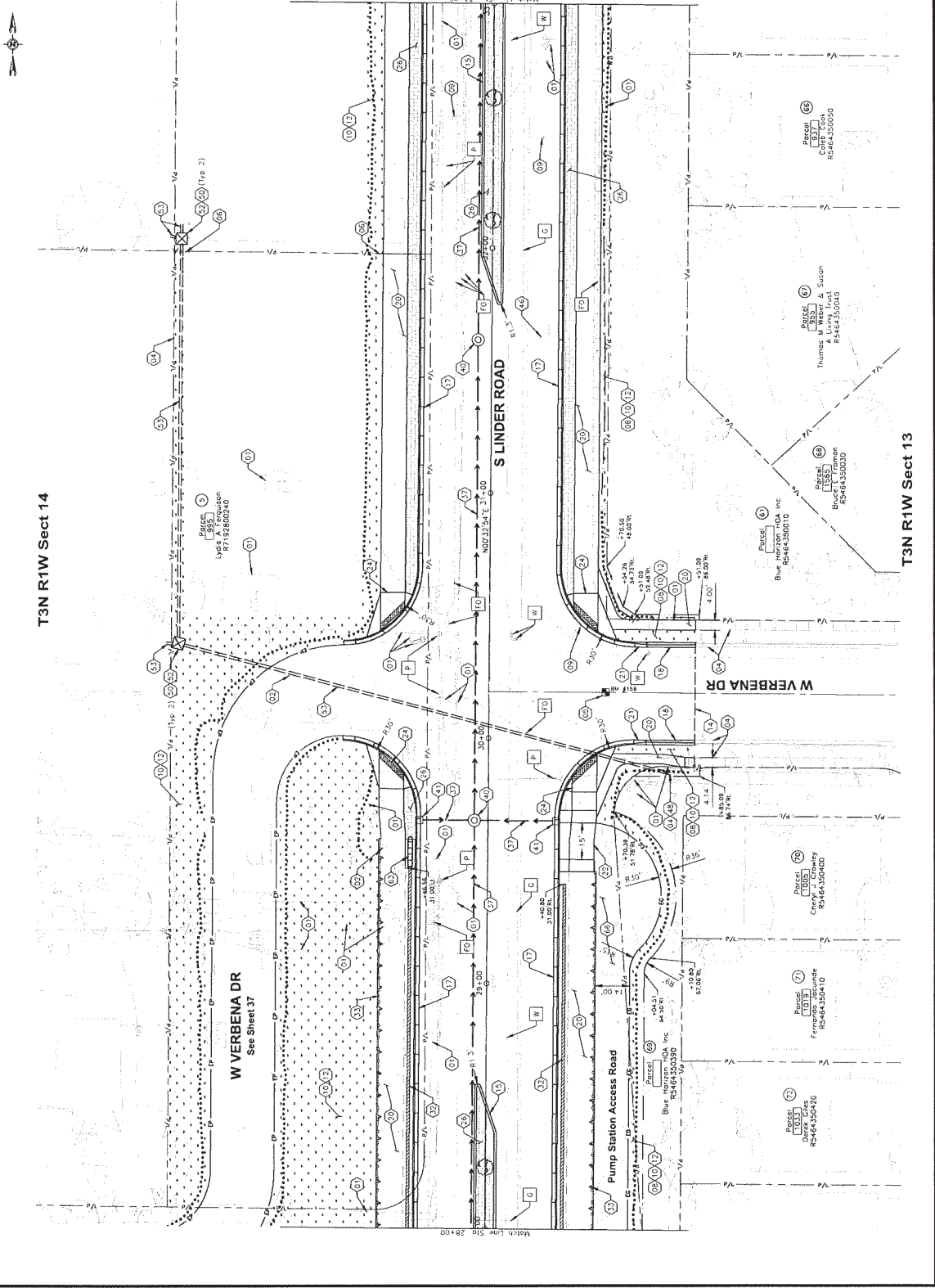
NOTES

- 01 Removal of Obstructions, Item 201.4.1.C.1
- 02 Remove Tree (6" +), Item SSP 20093
- 03 Retain & Protect
- 04 Reference and Reset Monuments
- 05 Remove & Reset Fence, Item SSP 20009
- 06 Remove & Reset Sprinkler System, Item SSP 29101
- 07 Remove & Salvage Roadside Sign, Item 1135.01.06
- 08 Sod Repair, Item SSP 29085
- 09 4" Topsoil, Item SSP 23050
- 10 Sawcut, Incidental to Project
- 11 Mountable Vertical Curb, Item 706.4.1.A.3
- 12 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 13 3-inch Railed Curb & Gutter, Item 706.4.1.A.1 (ACHD Supplemental - SP-702)
- 14 Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- 15 Transition From 6" Vertical Curb to 3" Railed Curb
- 16 Concrete Driveway Approach, Item 706.4.1.F.1
- 17 Pad Ramp w/ Detachable Warning Barriers, Type A, Item 706.4.1.H.1.A.1
- 18 Patterned Concrete, Item SSP D7013
- 19 Pedestrian Walk, Item SSP 20105.A
- 20 MSE Retaining Wall and Fence, See Retaining Wall Plans
- 21 12" PVC - C900, Item 601.4.1.A.05.12A
- 22 4" x 4" Storm Drain Catch Manhole, Item 602.4.1.E.1.B.4
- 23 Catch Basin - Type 1, Item 602.4.1.F.1
- 24 Adjust Manning Weir To Grade, Item SSP
- 25 Connect New Pipe to Existing Structure, Incidental
- 26 12" Dia. Gravity Ingression Side & Gate Type C-8, Item 602.4.1.K.1.12B
- 27 Concrete Ingression Box - Size 4'x4' O.D., Item 602.4.1.M.1.B
- 28 12" RCP, Item
- 29 Quadrant M10 Curb, Cushion
- 30 Gravel Access Road: Typical Roadway Section 9

BENCH MARKS:
 BM #136 - 5/8" Iron Rod No Cap
 Sta. 305+10.00, 48.0' RL
 E. 2448250.16
 Elev. 2597.85



75% COMPLETED



Design By: J. Thornton Date: 04/2023 Drawn By: A. Canby Survey By: A. Hoffen Date: 04/2023

Project Name: **Linder Rd, Overland Rd To Franklin Rd**

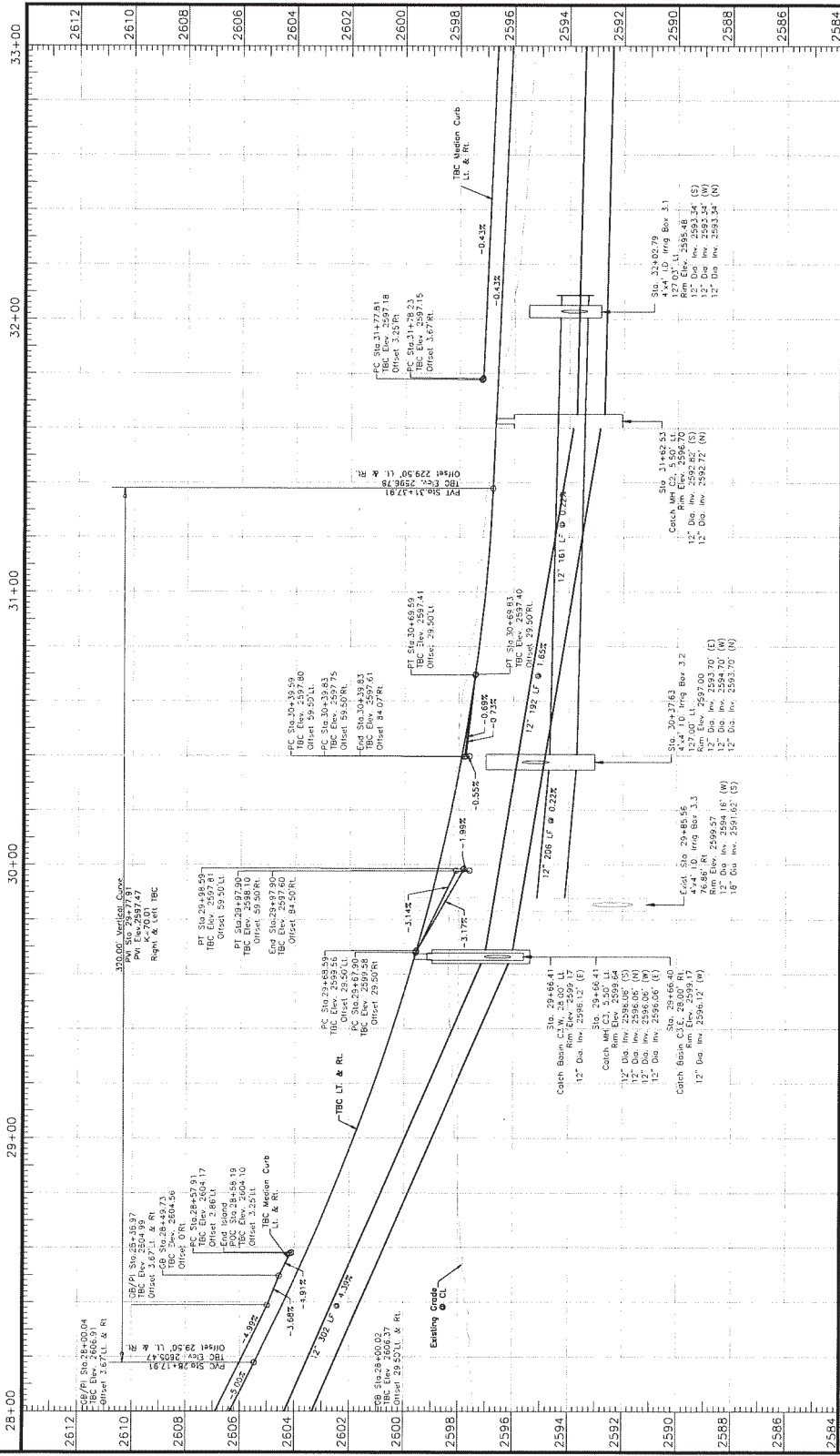
Project Number: **522038**

3775 Adams Street, Boise, Idaho, 83714
 www.cadidigital.org

Version: **4**

Sheet 20 Of 89

NOTES



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NOTES

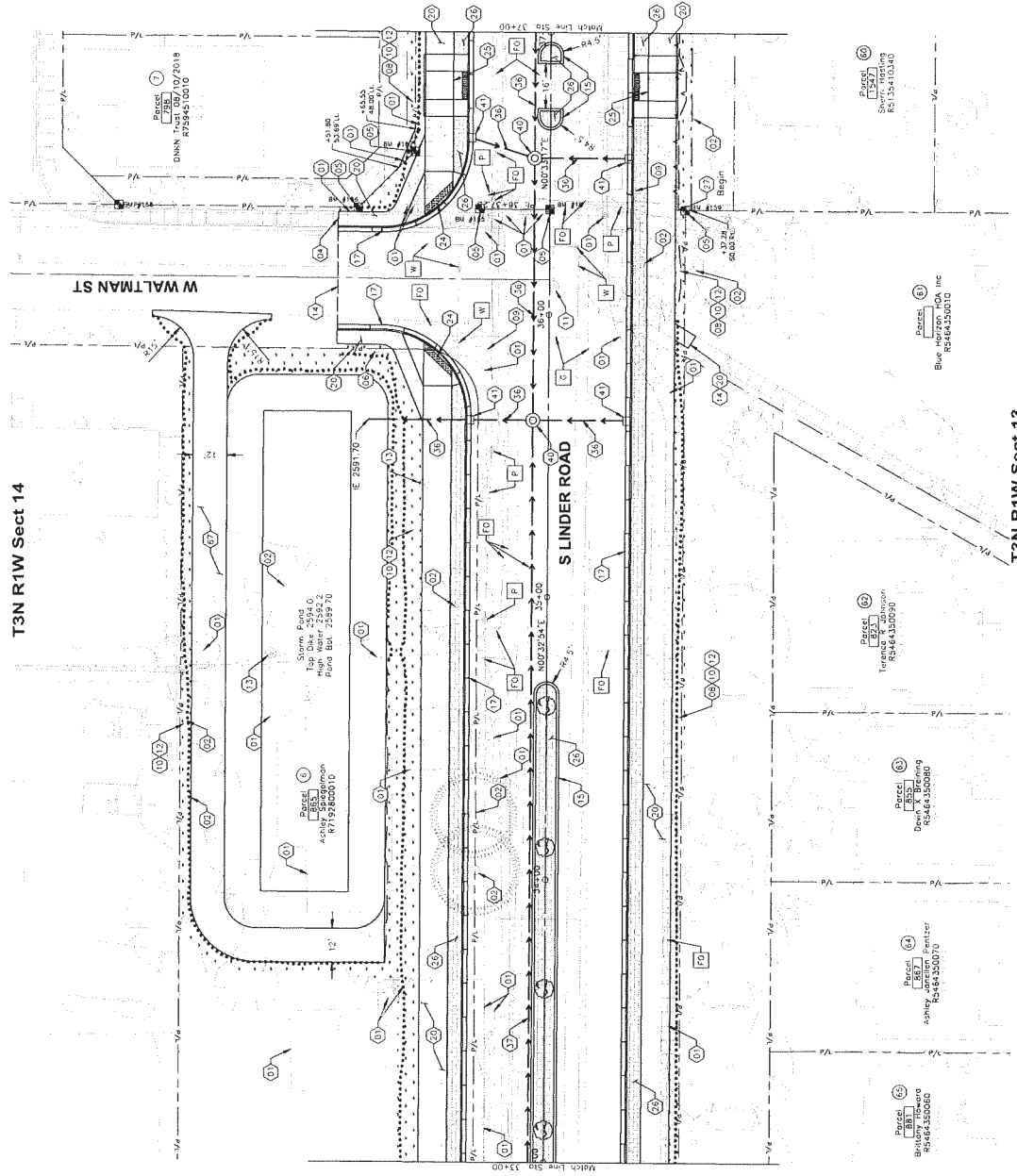
- 01 Removal of Obstructions, Item 201.4.1.C.1
- 02 Remove Tree (6"-), Item SSP 28093
- 03 Retain & Protect
- 04 Reference and Reset Monuments
- 05 Remove & Reset Fence, Item SSP 20009
- 06 Remove & Reset Sprinkler System, Item SSP 29101
- 07 Remove & Sawdust Roadside Sign, Item 1135.01.06
- 08 Sod Repair, Item SSP 29065
- 09 4" Topsoil, Item SSP 29050
- 10 Sawcut Incidental to Project
- 11 Mountable Vertical Curb, Item 706.4.1.A.3
- 12 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 13 3-inch Rolled Curb & Gutter, Item 706.4.1.A.1 (ACHD Supplemental - SD-702)
- 14 Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- 15 Transition from 6" Vertical Curb to 3" Rolled Curb
- 16 Concrete Driveway Approach, Item 706.4.1.F.1
- 17 Rock Retain 4" (Acceptable Warning Domes, Type A, Item 706.4.1.H.A.A)
- 18 Patented Concrete, Item SSP 07013
- 19 Retaining Wall and Fence, See Retaining Wall Plans
- 20 12" PVC - C900, Item 601.4.1.A.05.12A
- 21 48" Dia Storm Drain Catch Manhole, Item 602.4.1.K.1.048
- 22 Catch Basin - Type 1, Item 602.4.1.F.1
- 23 Adjust Manhole to Grade, Item SSP
- 24 Connect New Pipe to Existing Structure, Incidental
- 25 12" Dia. Gravity Infiltration Silt & Gate Type C-6, Item 602.4.1.K.1.128
- 26 Concrete Infiltration Box - Size 4'x4' O.D., Item 602.4.1.M.1.B
- 27 12" ROP, Item
- 28 QuadSquare M10 Graph Cushion
- 29 Gravel Access Road, Typical Roadway Section 9

BENCH MARKS:

- BM #139 - 27" Iron Rod 4431
N - 7044.462
E - 2952.95
- BM #138 - 1/2" Iron Rod 11334
Site 36+27.85 = 132.9' LT
Elev - 2952.95
- BM #137 - 1/2" Iron Rod 11334
Site 36+27.85 = 132.9' LT
Elev - 2952.95



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Sheet 22 Of 89

Project Name: Linder Rd, Overland Rd To Franklin Rd

Project Number: 522038

Ada County Highway District • 3775 Adams Street, Boise, Idaho, 83714 • www.achdiano.org



Design By: J. Thomson

Drawn By: A. Conry

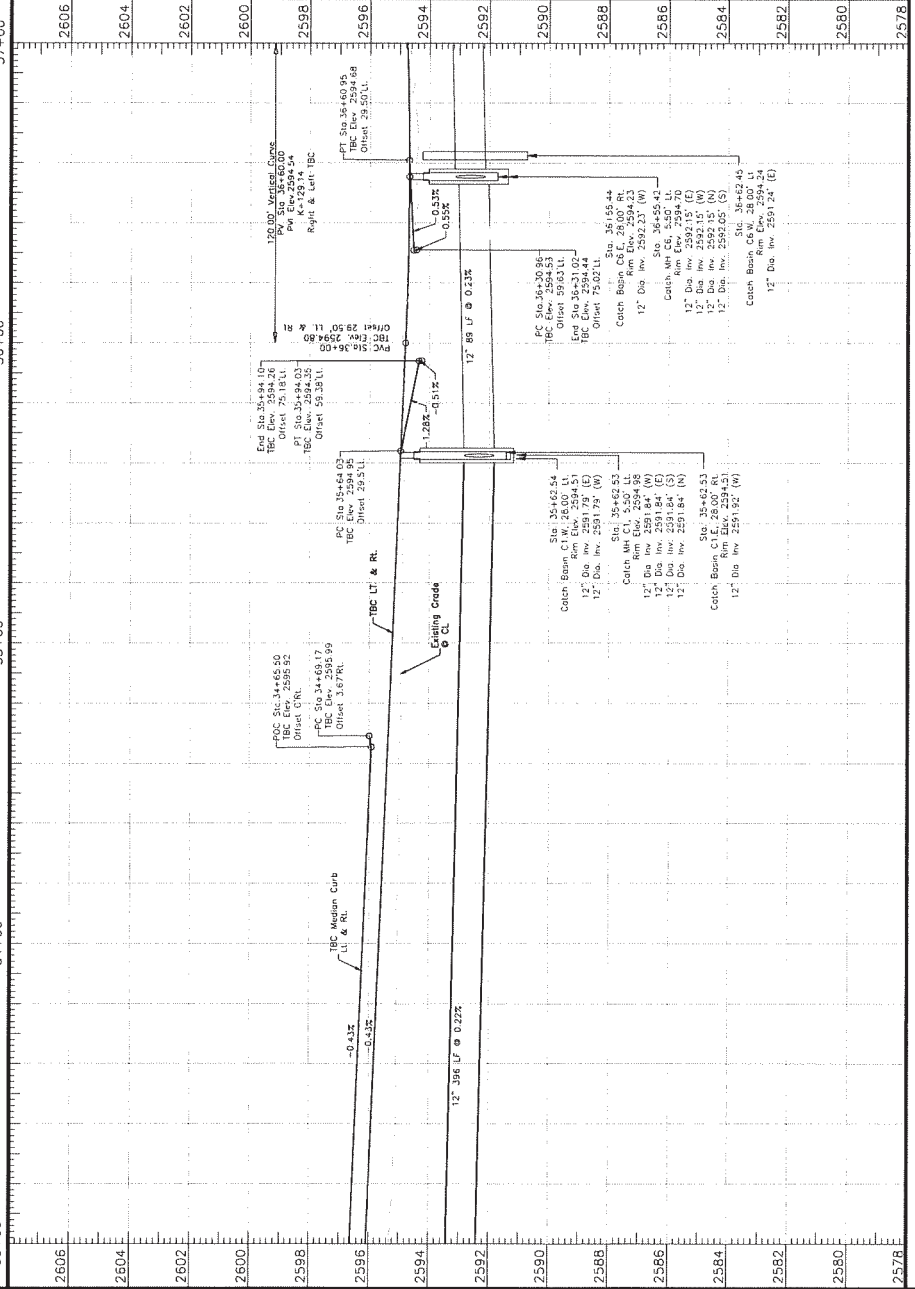
Date: 04/2023

Survey By: A. Hoffer

Date: 07/2023

Revision:

NOTES



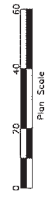
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Revision: Design By: J. Thornton Date: 04/2023 Drawn By: A. Corley Date: 04/2023 Survey By: A. Harfen Date: 04/2023
 Project Name: Linder Rd, Overland Rd To Franklin Rd
 Project Number: 522038
 Ada County Highway District • 3775 Adams Street, Boise, Idaho, 83714 • www.adahighway.org

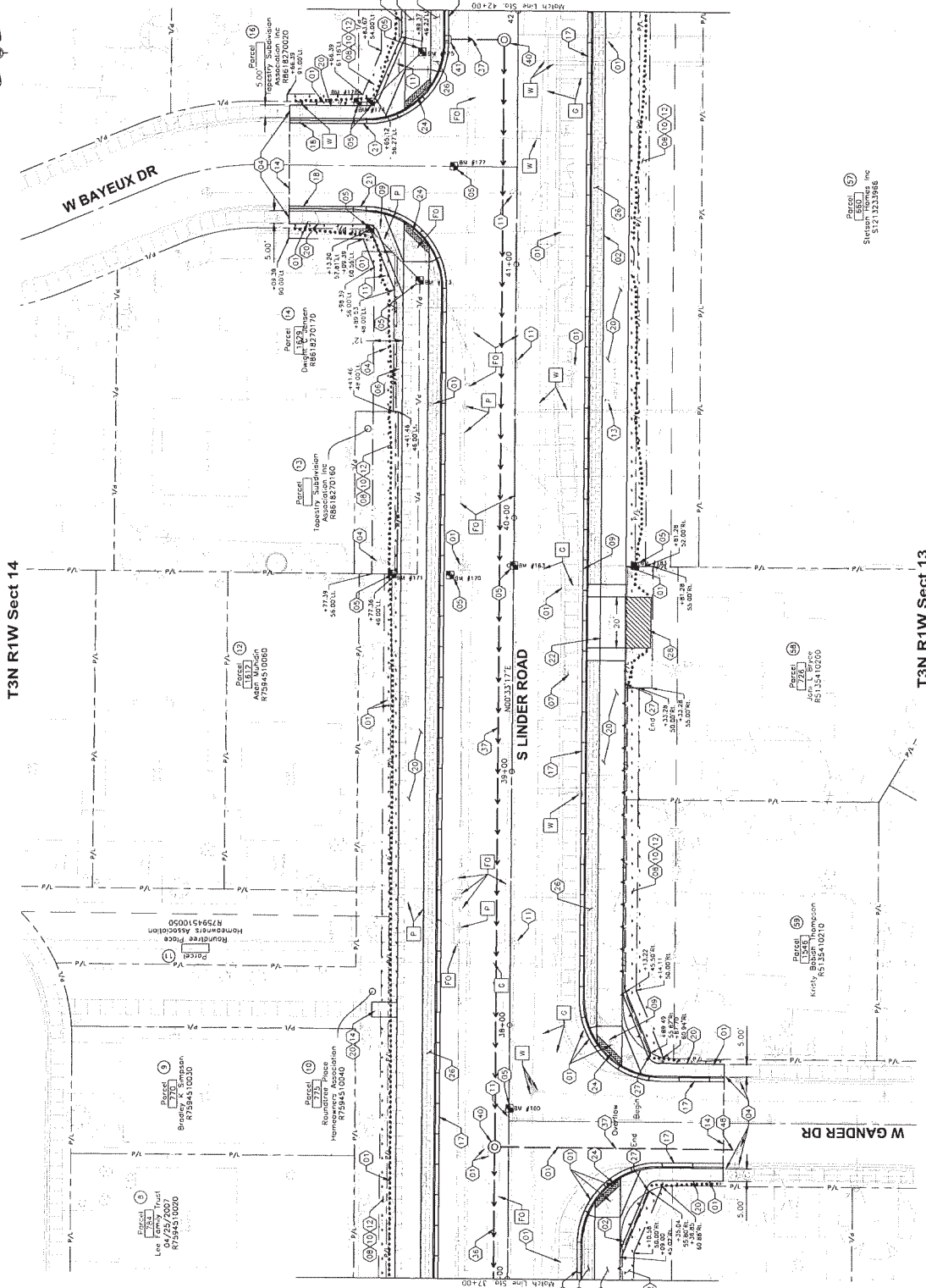
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- (1) Removal of Obstructions, Item 201.4.1.C.1
- (2) Remove Tree (8"-), Item SSP 25093
- (3) Retain & Protect
- (4) Reference and Reset Monuments
- (5) Remove & Reset Fences, Item SSP 20009
- (6) Remove & Reset Mailbox, Item SSP 25080
- (7) Remove & Reset Sprinkler System, Item SSP 20101
- (8) Remove & Salvage Recessive Sign, Item 1135.01.06
- (9) Sid Repair, Item SSP 29065
- (10) Adjust Manhole To Grade, Item 2030.4.1.A.1
- (11) 4" Tappan, Item SSP 25050
- (12) Reorder Existing Domestic Well, Item SSP 06007
- (13) Sawcut Incidental to Project
- (14) Standard 8-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- (15) Supplemental - SD-702
- (16) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (17) Transition From 6" Vertical Curb to 3" Railed Curb
- (18) Concrete Driveway Approach, Item 706.4.1.F.1
- (19) Plus Ramps w/Obstacle Warning Bases, Type A, Item 706.4.1.H.1.A.A
- (20) Patterned Concrete, Item SSP 07013
- (21) Concrete Sign (Cast-in-Place) - Cast 4000, Item 702.4.1.A.1.B
- (22) Asphalt Repair - Other, Item SSP 08125
- (23) 12" RCP Storm Pipe, Item
- (24) 12" PVC - CS00, Item 601.4.1.A.05.12A
- (25) 48" Dia Storm Drain Catch Manhole, Item 802.4.1.E.1B4
- (26) Catch Basin - Type 1, Item 602.4.1.F.1
- (27) Connect New Pipe to Existing Structure, Incidental

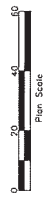
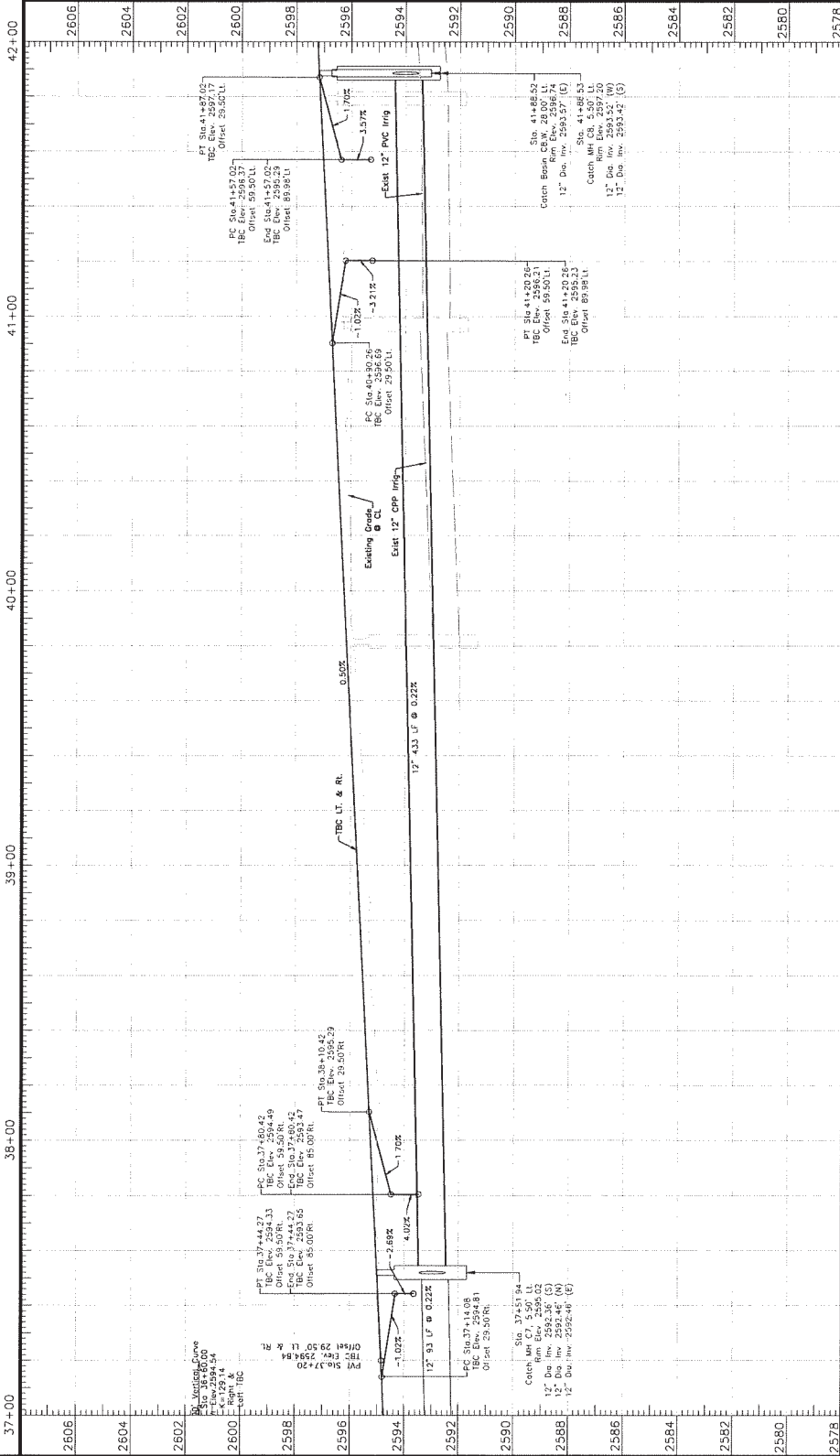
BENCH MARKS:
 BM #183 - 2 1/2" Iron Rod 11754
 Stationed at 46.48 D RL
 C 2449329.43
 Elev. 2952.86



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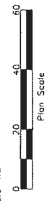
Design By: J. Thornton Date: 04/2023 Survey By: A. Haron Date: 04/2023
 Drawn By: A. Dorcy Project Name: Linder Rd, Overland Rd To Franklin Rd
 Project Number: 522038

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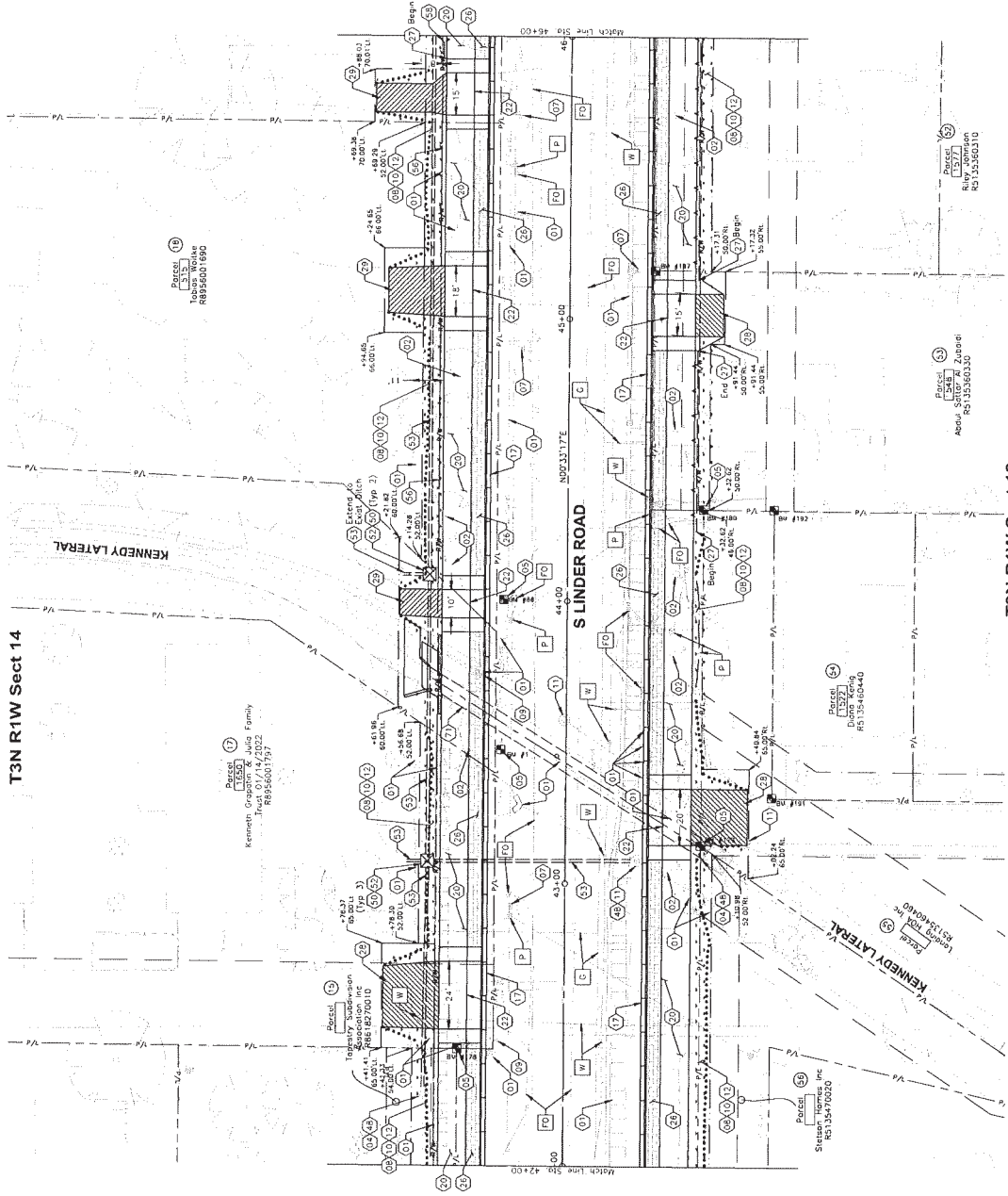
- 01 Removal of Obstructions, Item 201.4.1.C.1
- 02 Remove Tree (6"-), Item SSP 29693
- 03 Retain & Protect
- 04 Reference and Reset Monuments
- 05 Remove & Reset Markers, Item SSP 25080
- 06 Remove & Reset Sprinkler System, Item SSP 29101
- 07 Remove & Salvage Roadside Sign, Item 1135.01.06
- 08 Sid Repair, Item SSP 29065
- 09 Adjust Manhole to Grade, Item 2030.4.1.A.1
- 10 4" Tappin', Item SSP 25050
- 11 Standard 6"-iron Vertical Curb & Gutter, Item 706.4.1.A.5
- 12 Concrete Sidewalk, Thickness 5", Item 706.4.1.E.1.5
- 13 Concrete Driveway Approach, Item 706.4.1.F.1
- 14 Patterned Concrete, Item SSP 07013
- 15 Concrete Wall (Cast-in-Place) - Class 4000, Item 703.4.1.A.1.B
- 16 Asphalt Repair - Other, Item SSP 08125
- 17 Gravel Repair, Item SSP 02020
- 18 Connect New Pipe to Existing Structure, incidental
- 19 12" Dia. Gravity Infiltration Silt & Gate Type C-8, Item 802.4.1.K.1.2.B
- 20 Concrete Infiltration Box - Size 4'x4' O.D., Item 802.4.1.L.1.C
- 21 17" RCP, Item
- 22 Concrete Infiltration Box - Size 10'x4' O.D., Item 802.4.1.L.1.C
- 23 Fence - 4' Chain Link, Item 2040.4.1.A.1
- 24 Kennedy Lateral Crossing, See Sheet

BENCH MARKS:

- BM #133 - 1.72' Iron Rod 14271
N: 703.137.80
E: 703.288.09
Elev: 2988.09
- BM #193 - 1.72' Iron Rod 14271
N: 703.239.95
E: 703.288.09
Elev: 2994.30

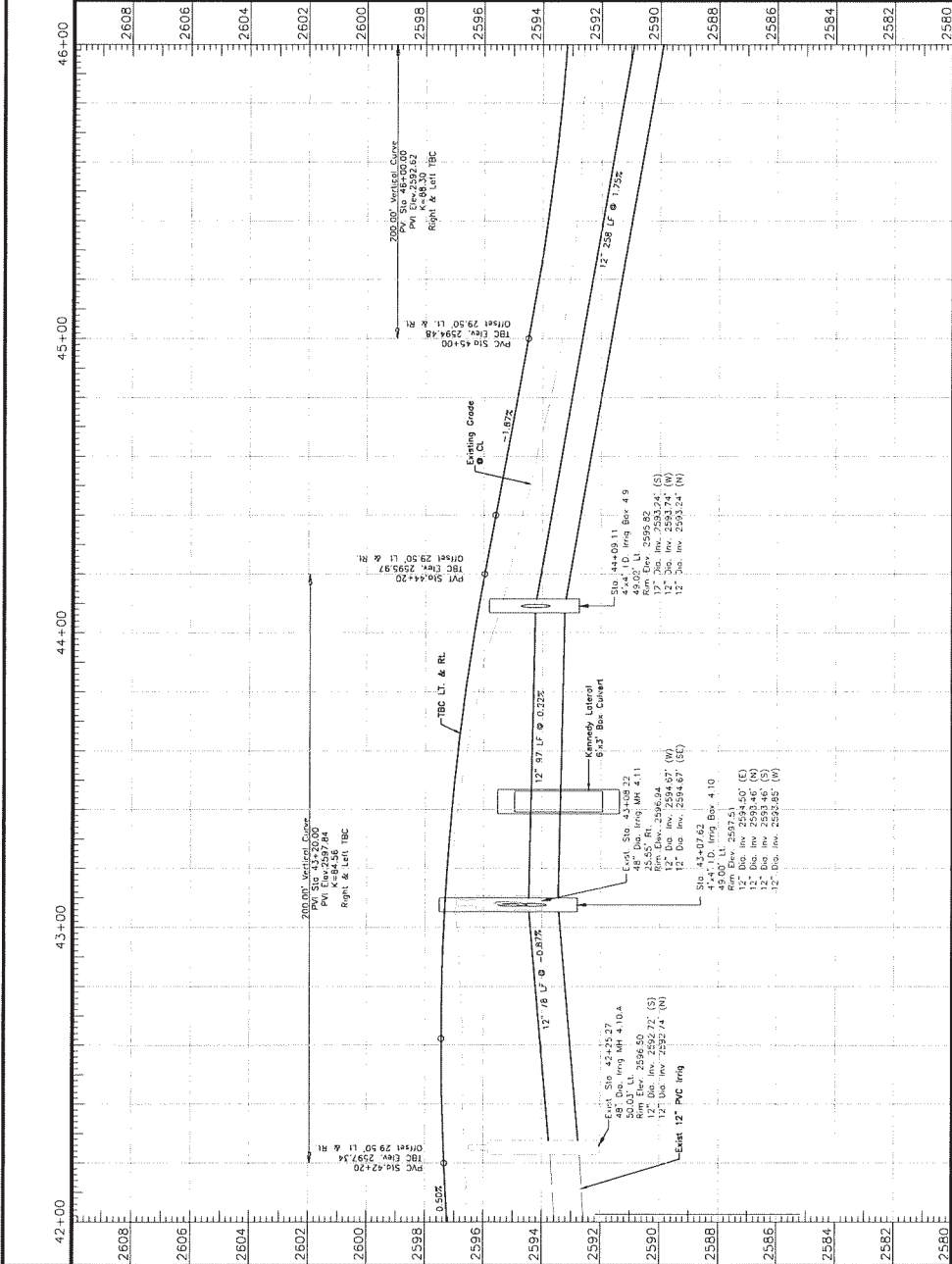


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T3N R1W Sect 13

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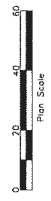
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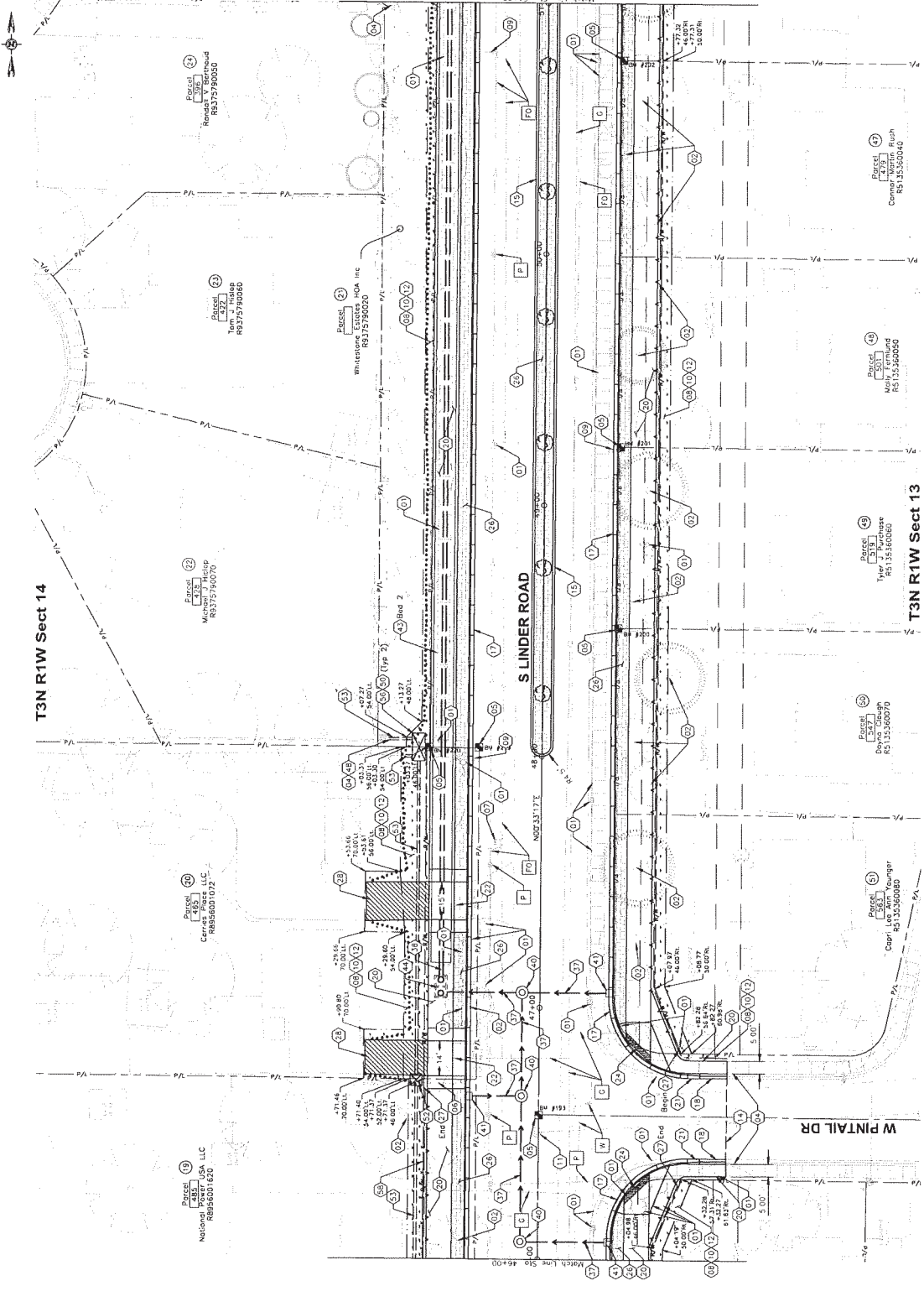
- 1) Removal of Obstructions, Item 2014.1.C.1
- 2) Remove Tree (6"-), Item SSP 29093
- 3) Retain & Protect
- 4) Reference and Reset Monuments
- 5) Remove & Reset Fence, Item SSP 20009
- 6) Remove & Reset Wall, Item SSP 20080
- 7) Remove & Reset Sprinkler System, Item SSP 20101
- 8) Remove & Salvage Roadside Sign, Item 1135.01.06
- 9) Sid Repair, Item SSP 29065
- 10) Adjust Manhole To Grade, Item 2030.4.1.A.1
- 11) 4" Topsoil, Item SSP 29050
- 12) Sewer Incidental to Project
- 13) Mountable Vertical Curb, Item 706.4.1.A.3
- 14) Standard 6"-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 15) 3'-inch Silled Curb & Gutter, Item 706.4.1.A.1 (ACPD Supplemental - SD-702)
- 16) Concrete Sidewalk, Thickness 5", Item 706.4.1.E.1.5
- 17) Transition Frame 6" Vertical Curb to 3" Rilled Curb
- 18) Concrete Driveway Approach, Item 706.4.1.F.1
- 19) Pad, Ramp w/Backstable Warning Bannex, Type A, Item 706.4.1.H.1.A.A
- 20) Patterned Concrete, Item SSP 07013
- 21) Concrete Wall (Cast-in-Place) - Class 4000, Item 703.4.1.A.1.B
- 22) Asphalt Repair - Other, Item SSP 08125
- 23) 12" PVC - CS90, Item 601.4.1.A.05.12A
- 24) 18" PVC - CS90, Item 601.4.1.A.05.12A
- 25) 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.04.6
- 26) Catch Basin - Type I, Item 602.4.1.F.1
- 27) Sewage Bed 3" Depth w/ 8" Wash, Pipe Size 18", Item SP 08004
- 28) 602.4.1.F.1.04.6 Catch Basin Box - 1500 Galon, Item 602.4.1.F.1.04.6
- 29) Connect New Pipe to Existing Structure, Incidental
- 30) Dig Cavity Irrigation Side & Gate Type C-B, Item 602.4.1.H.1.B
- 31) 602.4.1.H.1.B Irrigation Box - Size 4'x4' O.D., Item 602.4.1.H.1.B
- 32) 12" RCP, Item
- 33) 602.4.1.H.1.B Irrigation Box - Size 10'x4' O.D., Item 602.4.1.H.1.B
- 34) Fender - 4' Chain Link, Item 2040.4.1.A.1

BENCH MARKS:

- BM #193 - 5/8" Iron Rod Na Cap
- Sta. 4545.70, 0.1' RL
- E. 2445319.00
- Elev. 2392.42

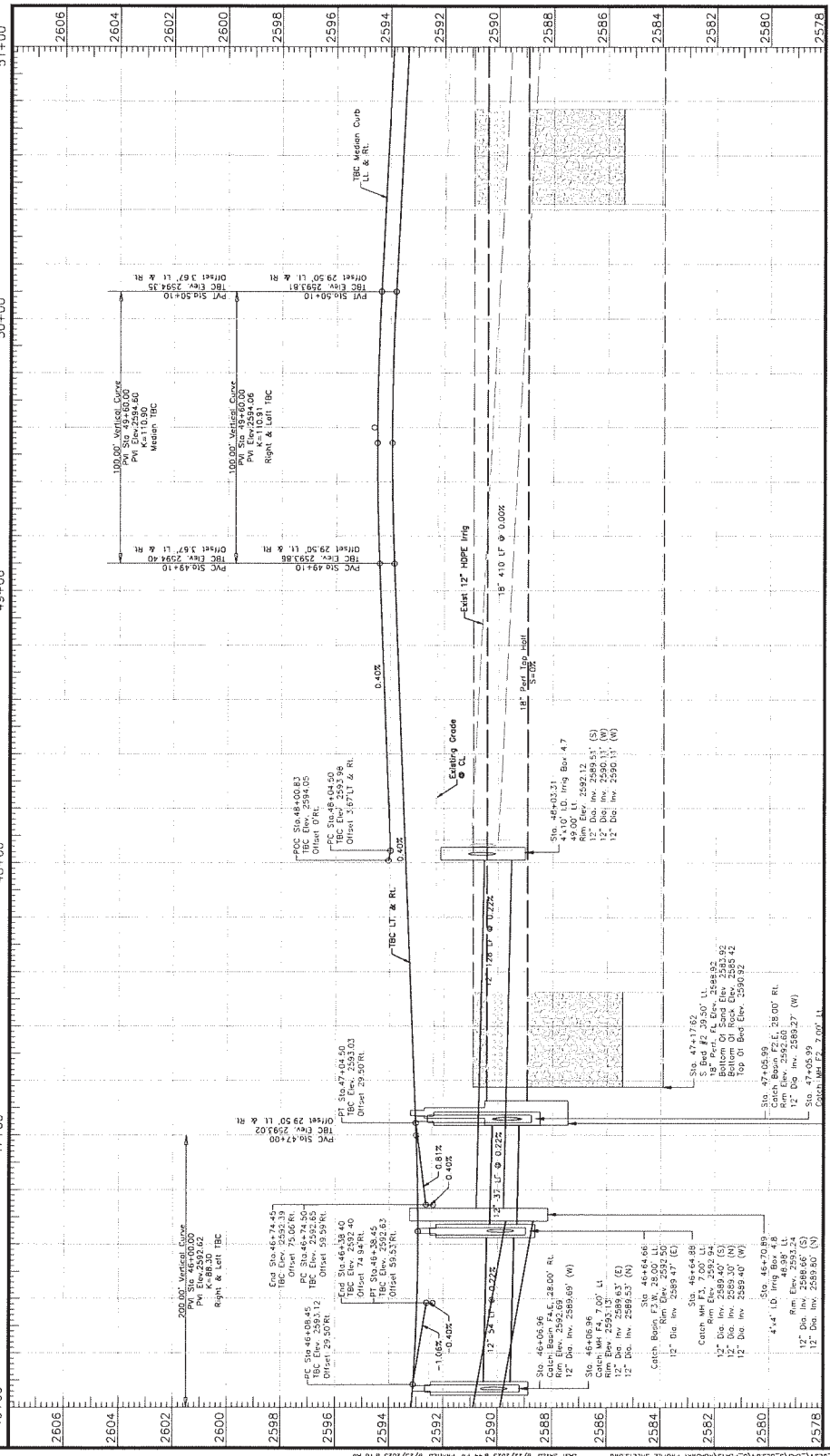


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Revision: Date: 04/2023
 Design By: J. Thomson Survey By: A. Jaden
 Drawn By: A. Canby Date: 04/2023
 Project Name: Linder Rd, Overland Rd To Franklin Rd Sheet 28 Of 89
 Project Number: 522038

NOTES



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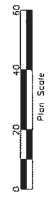
Revision:
 Design By: J. Thentich Date: 04/2023 Survey By: A. Herten Date: 04/2023 Project Name: Linder Rd, Overland Rd To Franklin Rd
 Project Number: 522038 3775 Adams Street, Boise, Idaho, 83714 www.abchddh.org

NOTES

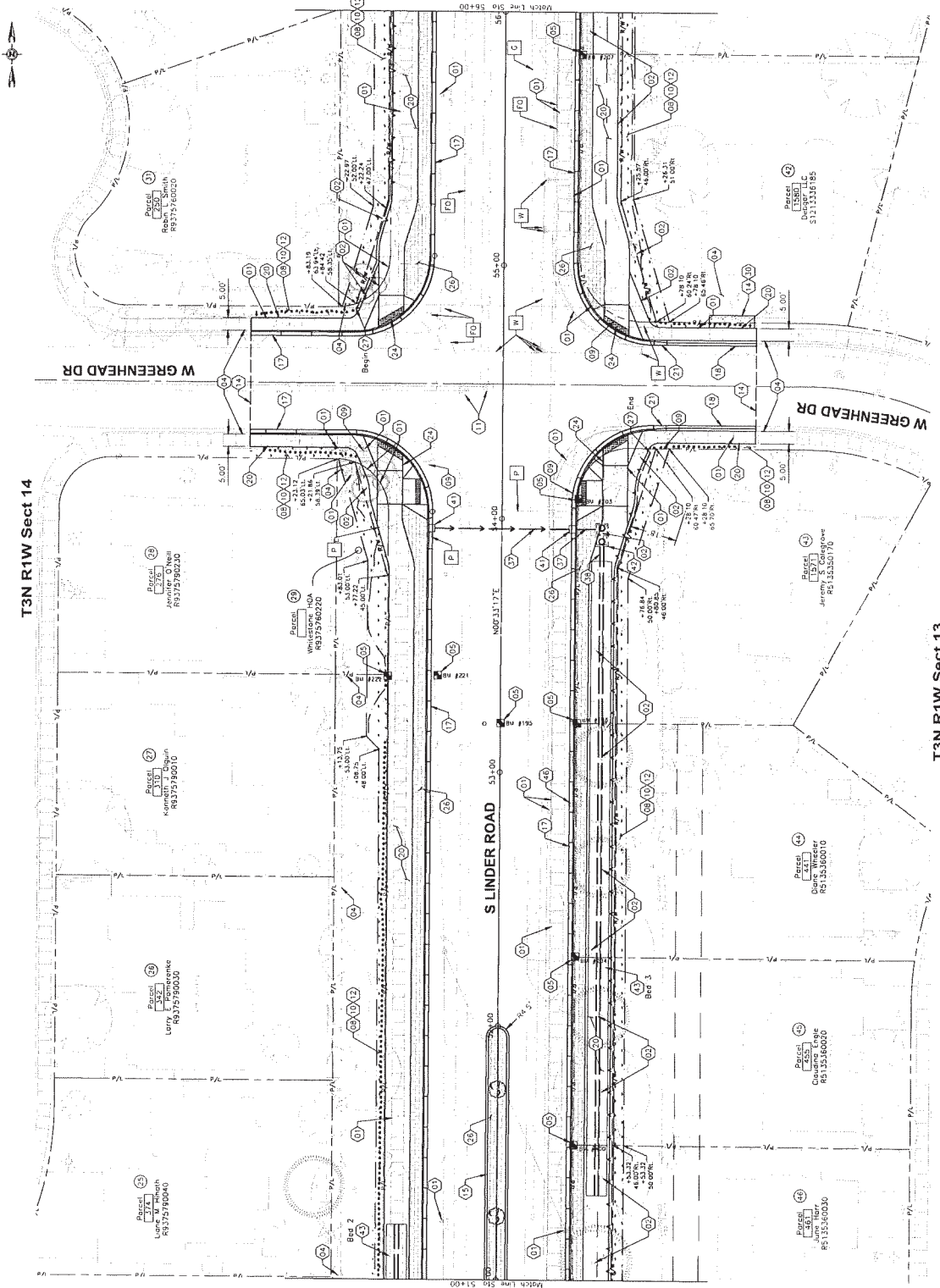
- 01 Removal of Obstructions, Item 201.4.1.C.1
- 02 Remove Tree (6"-), Item SSP 29093
- 03 Retain & Protect
- 04 Reference and Reset Monuments
- 05 Remove & Reset Sprinkler System, Item SSP 29101
- 06 Remove & Change Roadside Sign, Item 1135.01.06
- 07 Soa Repair, Item SSP 28965
- 08 Adjust Manhole to Grade, Item 2030.4.1.A.1
- 09 4" Topsoil, Item SSP 25050
- 10 Sewer incidental to Project
- 11 Reusable Vertical Curb, Item 706.4.1.A.3
- 12 Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 13 3-inch Railed Curb & Gutter, Item 706.4.1.A.1 (ACHD Supplemental - SD-702)
- 14 Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- 15 Transition Form 6" Vertical Curb to 3" Railed Curb, Item 706.4.1.A.4
- 16 Bed Bumps of Reinforceable Warning Bumps, Type A, Item 706.4.1.A.4
- 17 Reinforced Concrete, Item SSP 02013
- 18 Concrete Bed (Cast-in-Place) - Class 4000, Item 703.4.1.A.1.B
- 19 Concrete Repair, Item 706.4.1.G.1
- 20 12" PVC - CS90, Item 601.4.1.A.05.1A
- 21 18" PVC - CS90, Item 601.4.1.A.05.1B
- 22 Catch Basin - Type I, Item 602.4.1.F.1
- 23 Precast Sediment Box - 1000 Gallon, Item 602.4.1.H.1.050
- 24 Stepage Bed 3" Depth x 8" Width, Pipe Size 18", Item SP 08094
- 25 Adjust Manhole Wrt to Grade, Item SSP

BENCH MARKS:

- BM #195 - 5/8" Iron Rod No Cap
- Sta. 605.171, Elev. 5131.15185
- E. 2445324.56
- Elev. 2591.62



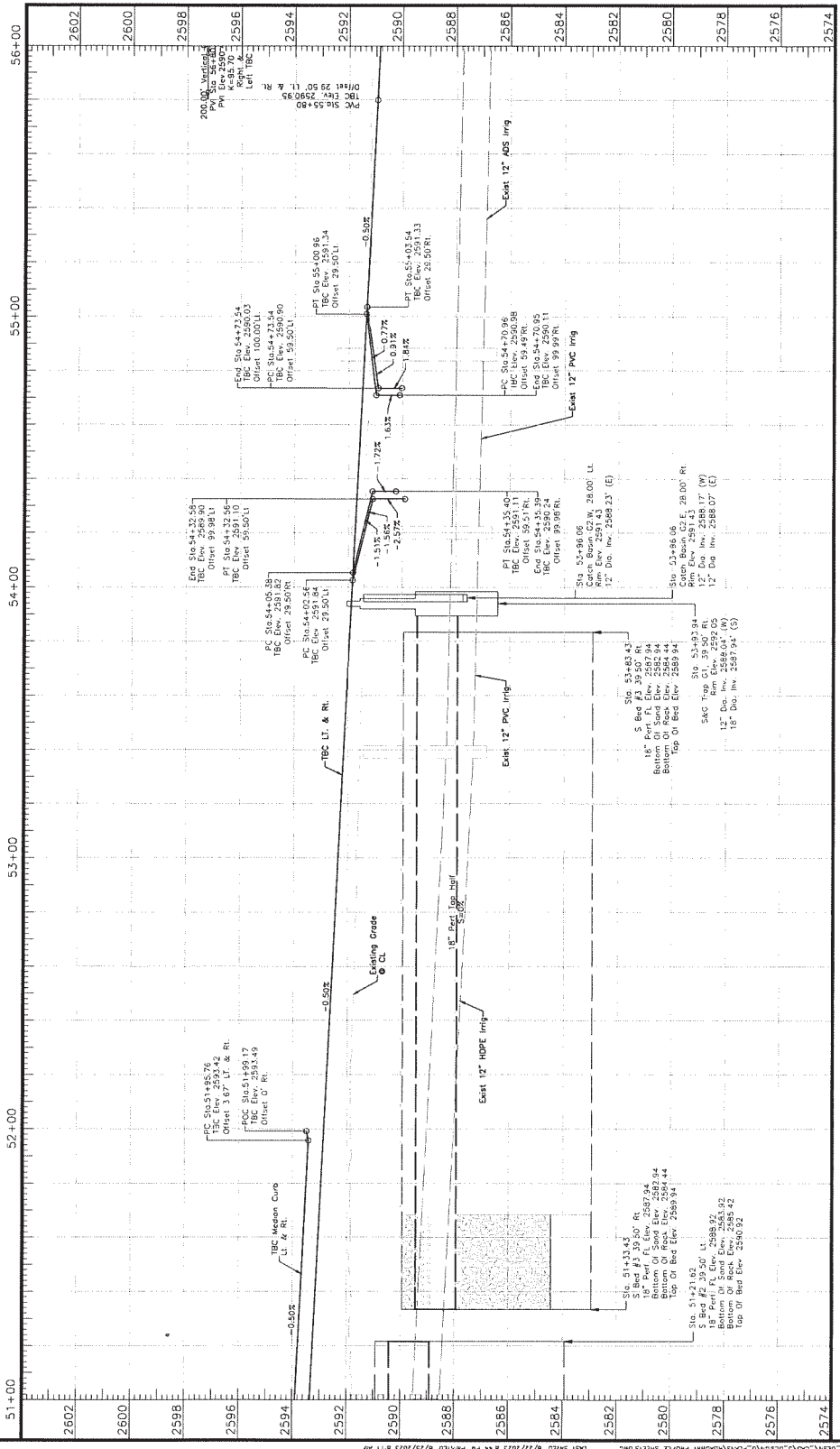
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Design By: J. Thomson Date: 04/2023 Survey By: A. Conroy Date: 04/2023
 Project Name: Linder Rd, Overland Rd To Franklin Rd Project Number: 522038
 3775 Adams Street, Boise, Idaho, 83714 www.adidainfo.org



NOTES



0 20 40 60 Feet Scale

KELLER
CONSTRUCTION

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Revision: **ACRID** Ada County Highway District • 3775 Adams Street, Boise, Idaho, 83714 • www.acridboise.org

Design By: J. Thornton Date: 04/2023 Survey By: A. Heron Date: 04/2023

Project Number: **522038** Project Name: **Linder Rd, Overland Rd To Franklin Rd**

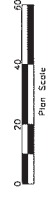
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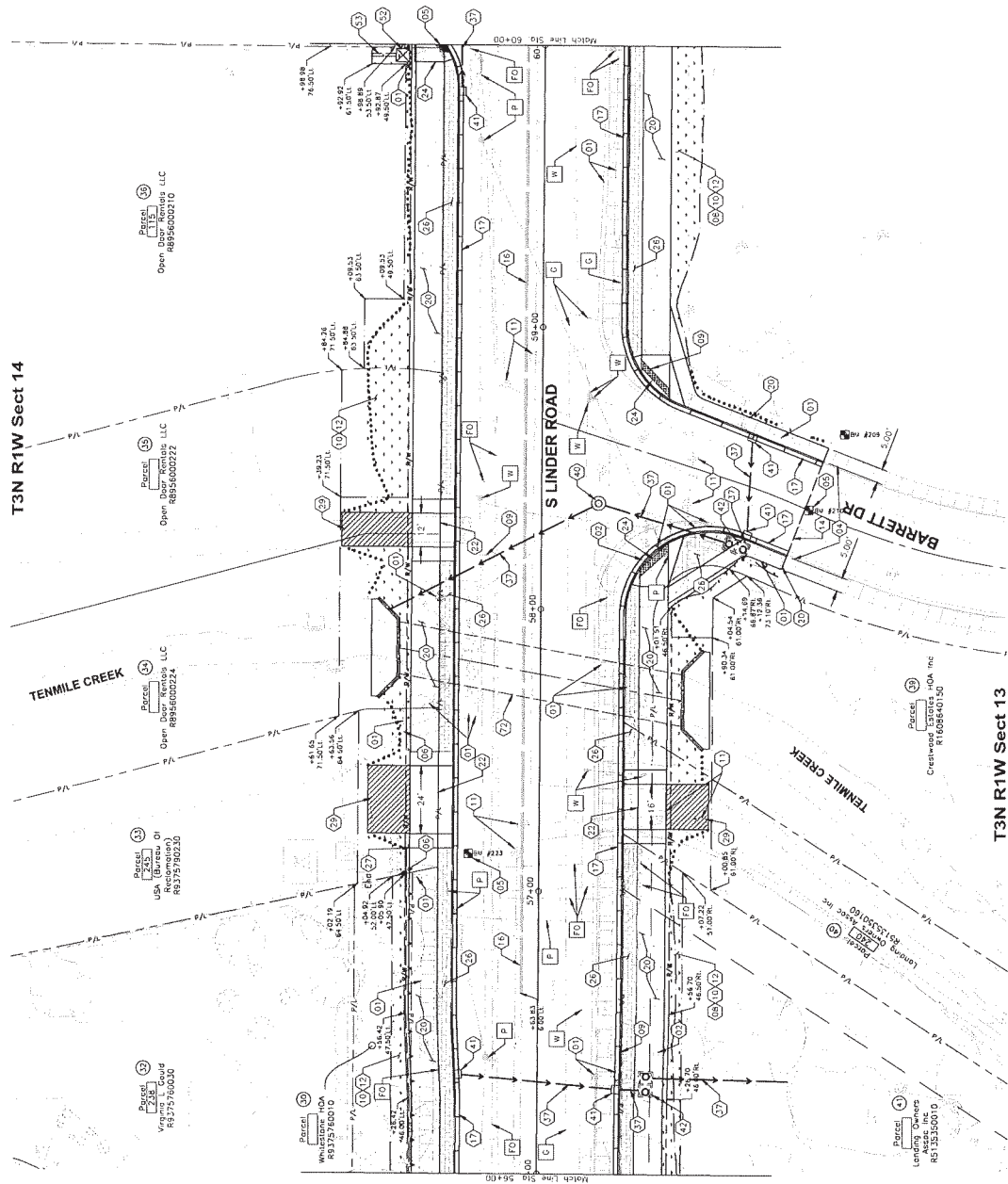
- (01) Removal of Obstructions, Item 201.4.1.C.1
- (02) Remove 1"es (6"-), Item SSP 28093
- (03) Retain & Protect
- (04) Reference and Reset Monuments
- (05) Remove & Reset Fence, Item SSP 20009
- (06) Remove & Reset Sprinkler System, Item SSP 29101
- (07) Remove & Salvage Roadside Sign, Item 1135.01.06
- (08) Soil Repair, Item SSP 29085
- (09) Adjust Manhole To Grade, Item 2030.4.1.A.1
- (10) 4" Topsoil, Item SSP 25050
- (11) Sewer incidental to Project
- (12) Concrete Median Curb, 20' Sections with 2' Caps, Item SSP 07099
- (13) Standard 6-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- (14) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (15) Concrete Driveway Approach, Item 708.4.1.F.1
- (16) Pad, Ramps w/Obstructable Warning Domes, Type A, Item 708.4.1.H.A.A
- (17) Patterned Concrete, Item SSP 07013
- (18) Concrete Walk (Cast-in-Place) - Class 4000, Item 703.4.1.A.1.B
- (19) Crawl Repair, Item SSP 02020
- (20) 12" PVC - C900, Item 601.4.1.A.05.12A
- (21) 48" Dia Storm Drain Catch Manhole, Item 602.4.1.L.1.046
- (22) Catch Basin - Type 1, Item 602.4.1.F.1.1
- (23) Precast Sheetpile Box - 1000 Gallon, Item 602.4.1.H.1.069
- (24) 602.4.1.H.1.069
- (25) 602.4.1.H.1.069
- (26) 12" RCP, Item _____
- (27) Trench Creek Crossing, See Sheet _____

BENCH MARKS:

- BM #209 - 5/8" Iron Rod No Cap
- Sta. 58+62.80, 107.4' Rl.
- Elev. 24484.5702
- Elev. 2593.03

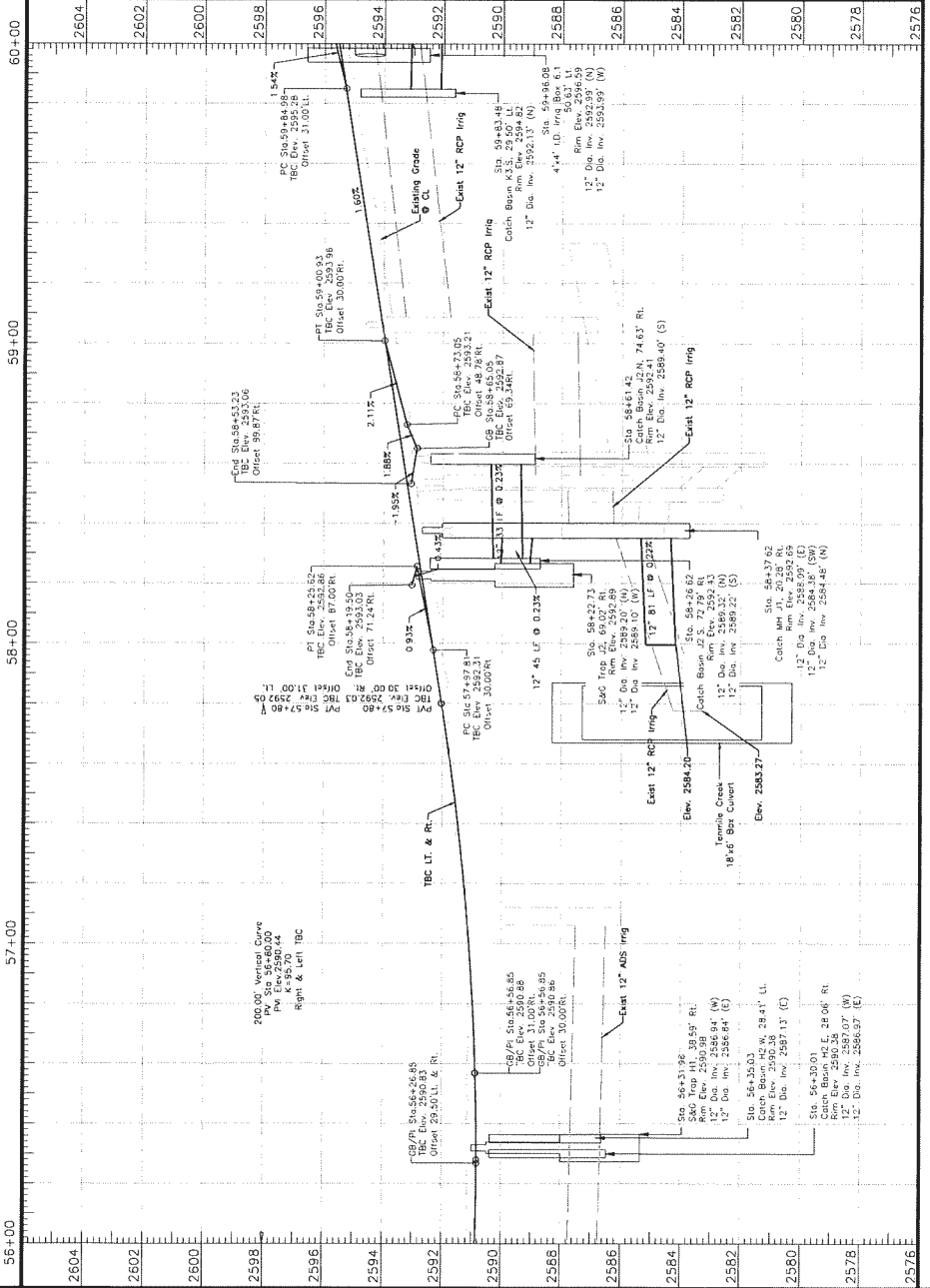


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 Design: J. Thornton Date: 04/2023 Drawn: A. Conroy Date: 04/2023 Survey: A. Haden Date: 04/2023
 Project Name: Linder Rd, Overland Rd To Franklin Rd
 Project Number: 522038
 Revision: _____

NOTES



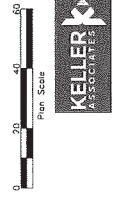
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Revision: _____
 Design By: J. Thornton
 Survey By: A. Conroy
 Date: 04/2023
 Project Name: Linder Rd, Overland Rd To Franklin Rd
 Project Number: 522038
 Date: 04/2023
 Survey By: A. Holden
 Date: 04/2023

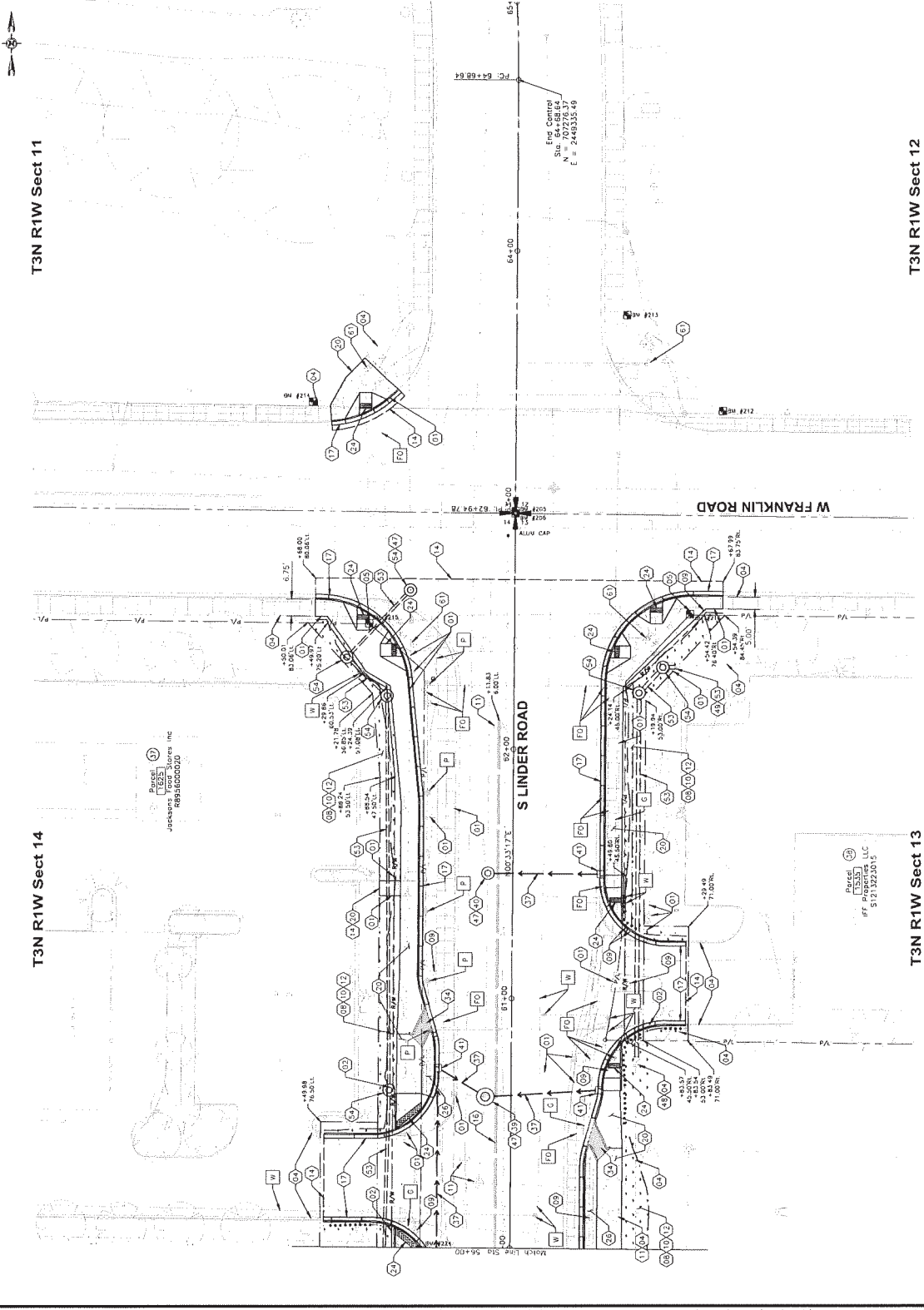
NOTES

- 01 Removal of Obstructions, Item 201.4.1.C.1
- 02 Remove Tree (5"-), Item SSP 25003
- 03 Retain & Protect
- 04 References and Rest Monuments
- 05 Remove & Reel Sprinkler System, Item SSP 29101
- 06 Remove & Salvage Retardant Spg., Item 1133.01.06
- 07 Sod Repair, Item SSP 25065
- 08 Adjust Manhole to Grade, Item 2030.4.1.A.1
- 09 4" Topsoil, Item SSP 25050
- 10 Sawcut incidental to Project
- 11 Concrete Median Curb, 20' Sections with 2' Caps, Item SSP 07003B
- 12 Standard 8-inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 13 Concrete Sidewalk, Thickness 5", Item 706.4.1.E.1.5
- 14 Ped. Ramps w/Dissectible warning Domes, Type A, Item 706.4.1.H.1.A.A
- 15 Patented Concrete, Item SSP 07013
- 16 Bkr Ramp, See Detail XX
- 17 12" PVC - CS90, Item 601.4.1.A.DS.2A
- 18 22" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.072
- 19 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.048
- 20 Catch Basin - Type I, Item 602.4.1.F.1
- 21 Connect Existing Pipe to New Structure, incidental
- 22 Connect New Pipe to Existing Structure, incidental
- 23 12" RCP, Item
- 24 48" Dia. Ingotion Manhole, Item 602.4.1.E.1.048
- 25 Traffic Signal & Related Equipment, Modified, See Signal Plans

BENCH MARKS:
 BM #206 - Aluminum Cap
 Sta. 64+58.64
 N = 2449331.80
 E = 2449331.80
 Elev. 2999.57



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T3N R1W Sect 11

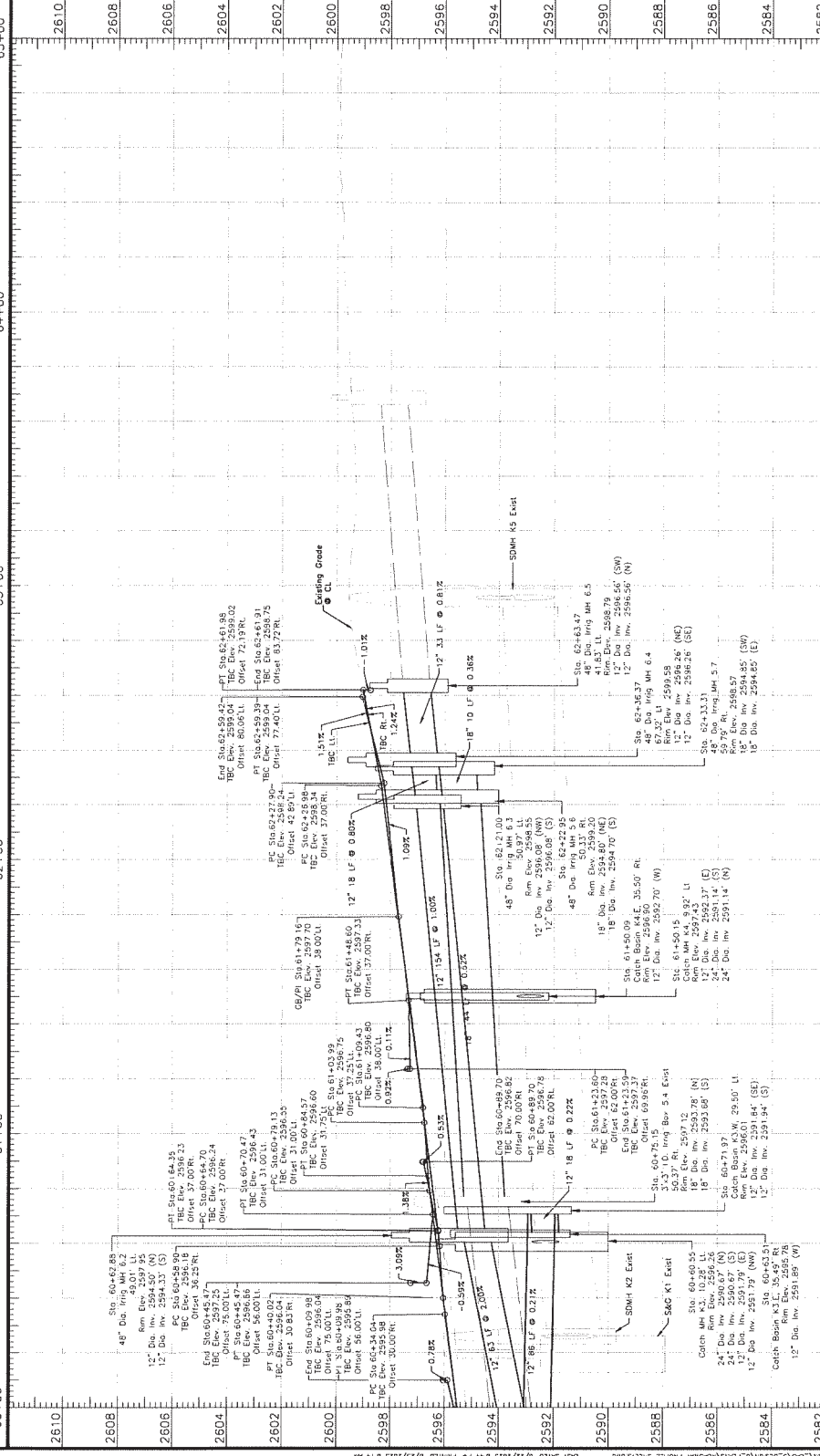
T3N R1W Sect 12

T3N R1W Sect 14

T3N R1W Sect 13

Design: J. Thomson Date: 04/2023 Drawn By: A. Conroy Survey By: A. Hahn Date: 04/2023
Project Name: Linder Rd, Overland Rd To Franklin Rd
Project Number: 522038

NOTES

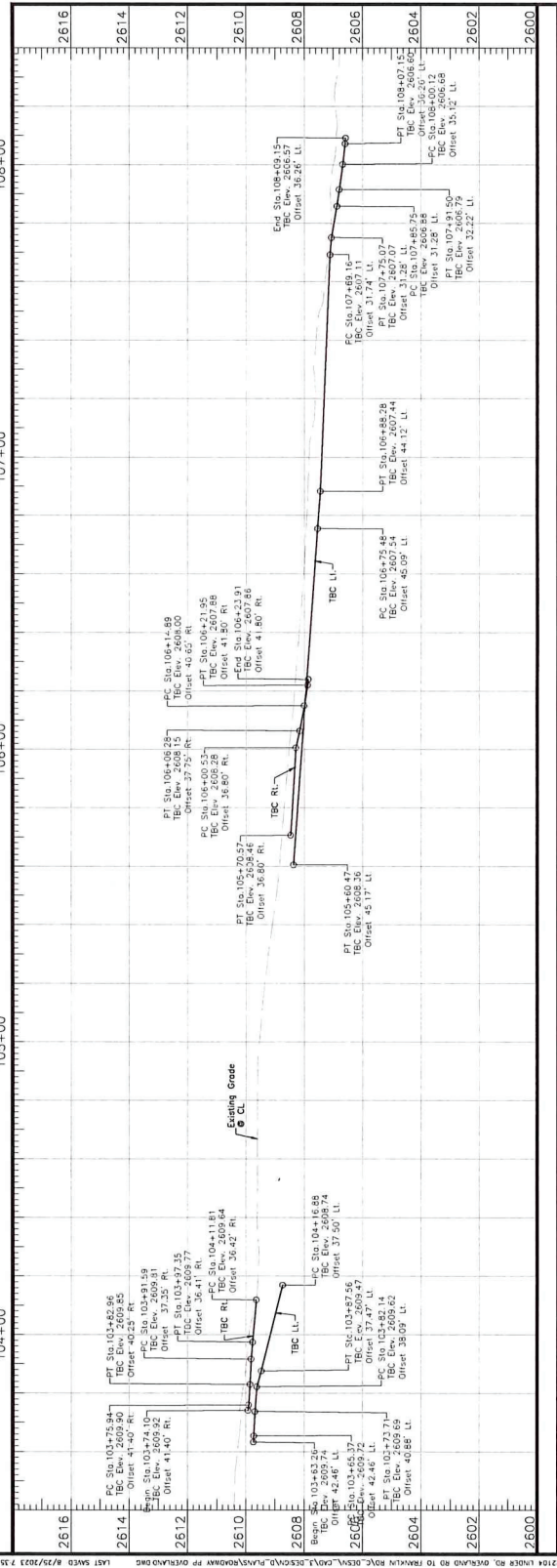
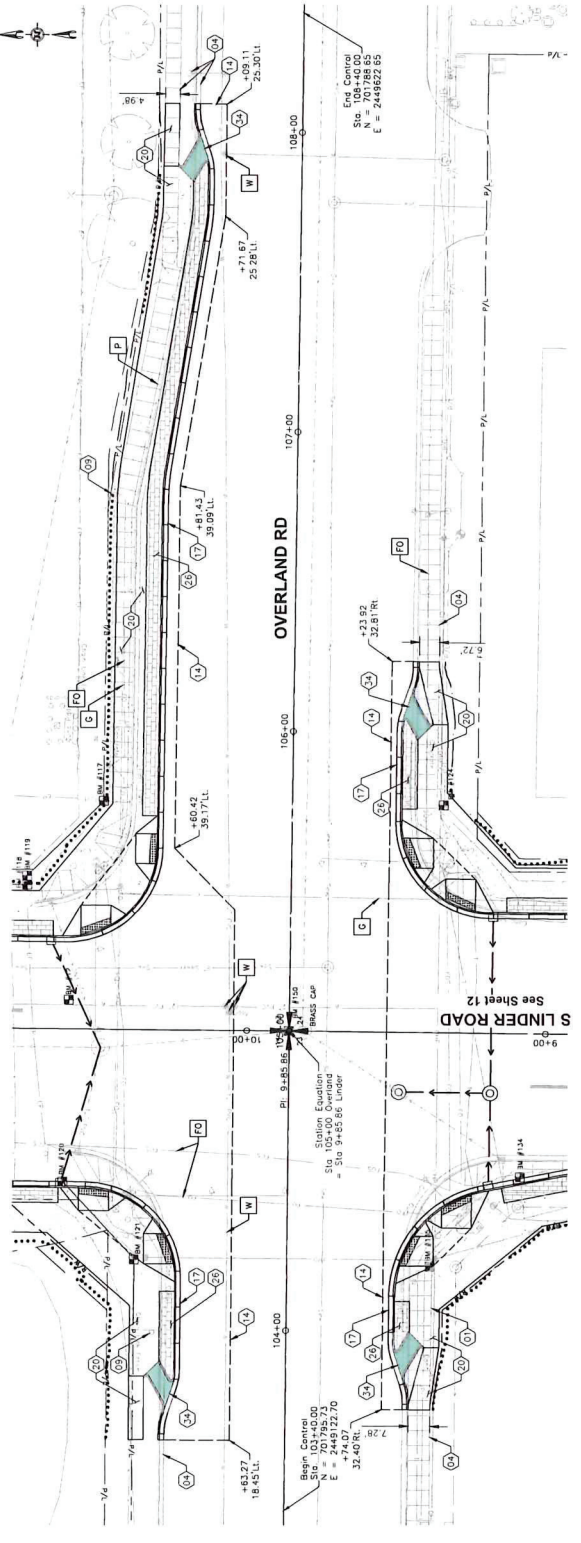


0 20 40 60
 Feet
 Keller
 ASSOCIATES
 75% COMPLETED

Revision: 3775 Adams Street, Boise, Idaho, 83714
 www.cadidaho.org
 Project Name: Linder Rd, Overland Rd To Franklin Rd
 Project Number: 522038
 Design By: J. Thornton
 Drawn By: A. Carley
 Date: 04/2023
 Survey By: A. Harer
 Date: 04/2023

NOTES

- (1) Removal of Obstructions, Item 201.4.1.C.1
- (2) Retain & Protect
- (3) Remove & Salvage Roadside Sign, Item 1135.01.08
- (4) Sawcut incidental to Project
- (5) Standard 8-inch Vertical Curb & Gutter, Item 706.4.1.A.3
- (6) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (7) Patterned Concrete, Item SSP 07013
- (8) Bike Ramp, See Detail XX



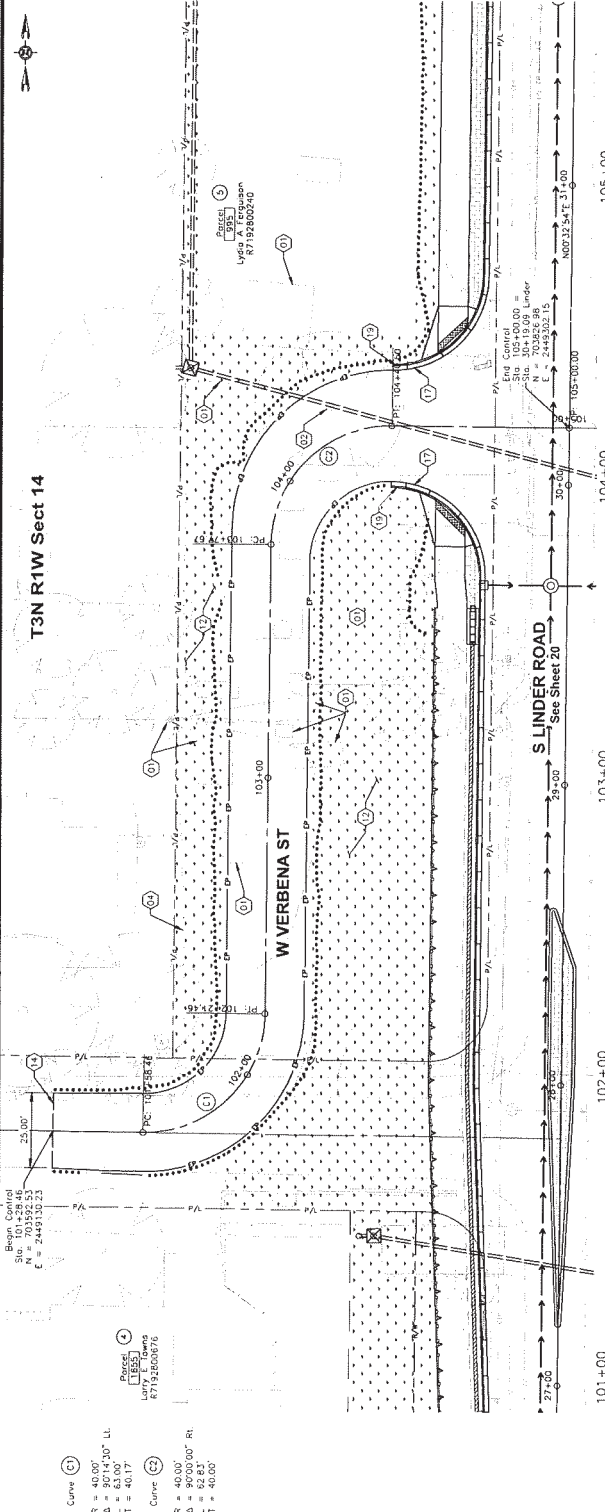
75% COMPLETED

AACID Ada County Highway District • 3775 Adams Street, Boise, Idaho, 83714 • www.aacid.org

NOTES

- ① Removal of Obstructions, Item 201.4.1.C.1
- ② Remove Tree (6" +), Item SSP 29993
- ③ Retain & Protect
- ④ 4" Topsoil, Item SSP 25000
- ⑤ Sawcut incidental to Project
- ⑥ Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- ⑦ Curb And Gutter, Type Curb Terminus, Item 706.4.1.A.7.B

T3N R1W Sect 14

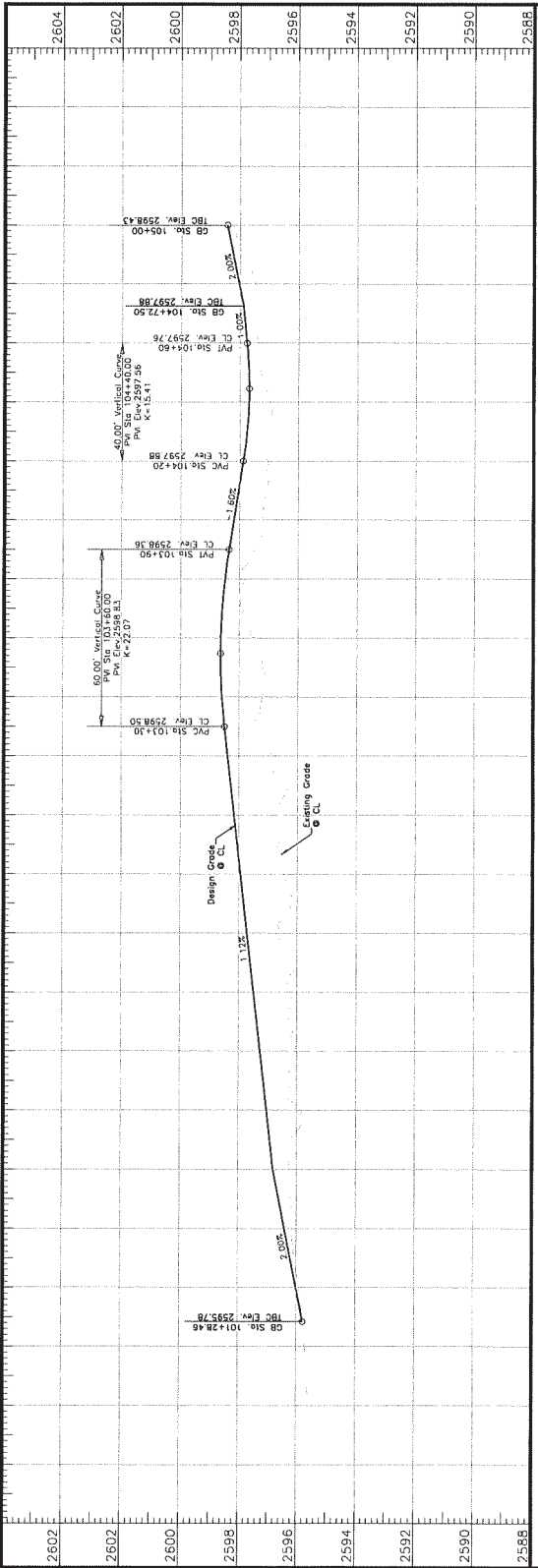


Curve ①
 R = 40.00'
 L = 307.6300' Lt.
 T = 63.00'
 T = 40.17'

Curve ②
 R = 40.00'
 L = 307.6300' Rt.
 T = 63.00'
 T = 40.00'

Project
 1855
 07/15/2023

Begin Control
 Sta. 101+28.46
 E = 244315.23

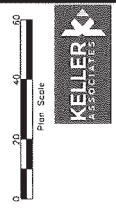
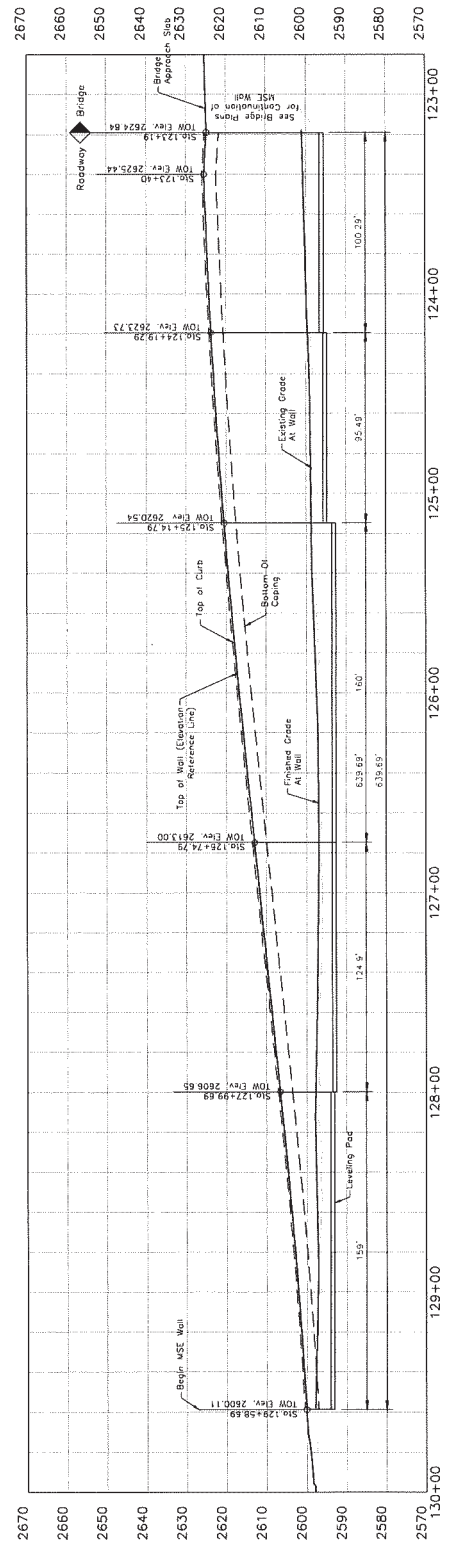
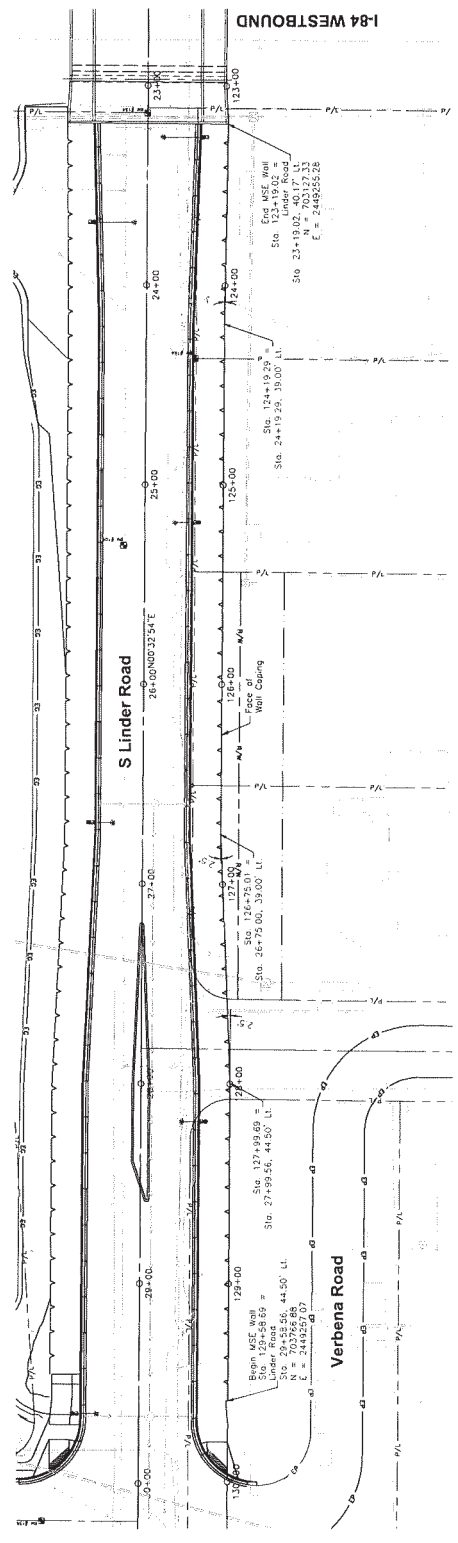


0 20 40 60
 Feet Scale

KELLER ASSOCIATES

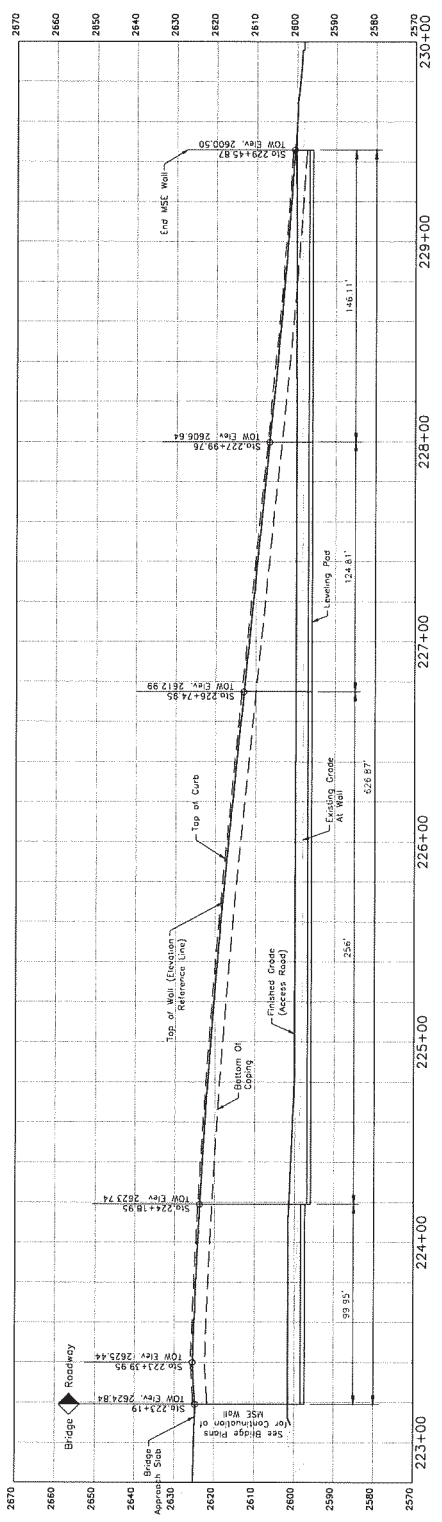
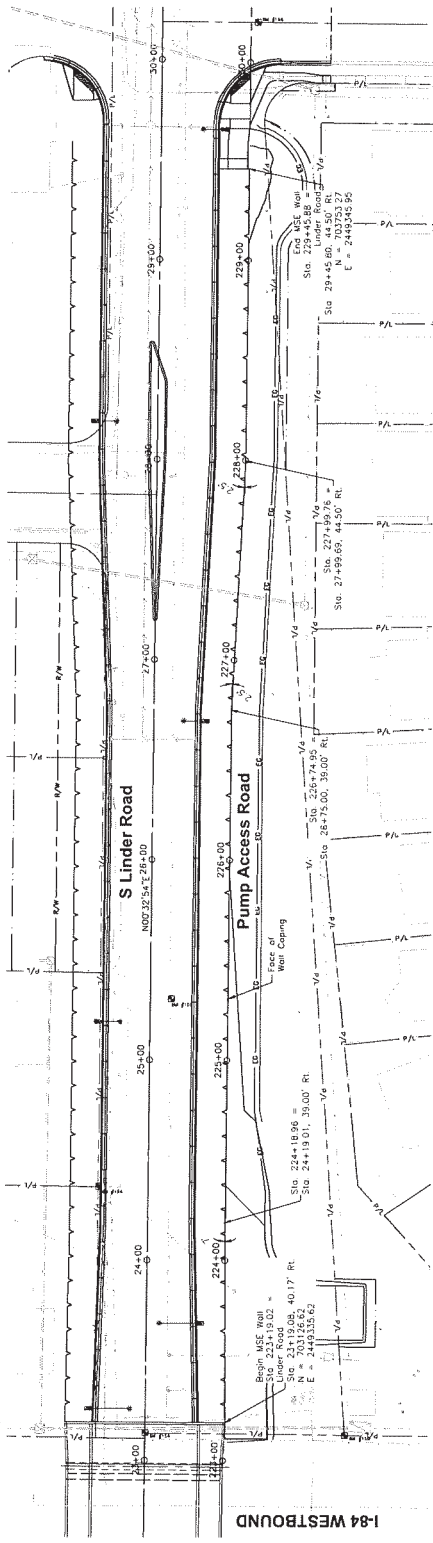
75% COMPLETE

NOTES



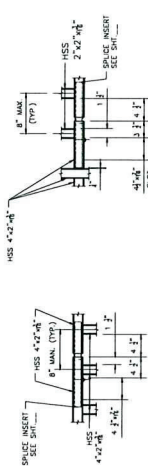
COMPLETED
 75%
 Digital Signature
 Print Scale

N O T E S

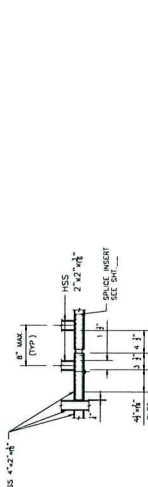


KELLER ASSOCIATES
 Digital Signature
 75% COMPLETE

J:\2023\1808 ADA COUNTY HIGHWAY DISTRICT 522038\1808 ADA COUNTY HIGHWAY DISTRICT 522038.dwg PLOT SCALE: 1/8"=1'-0" DATE: 04/2023 8:19 AM

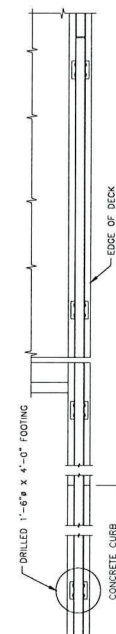


UPPER SPLICE CONNECTION ELEVATION

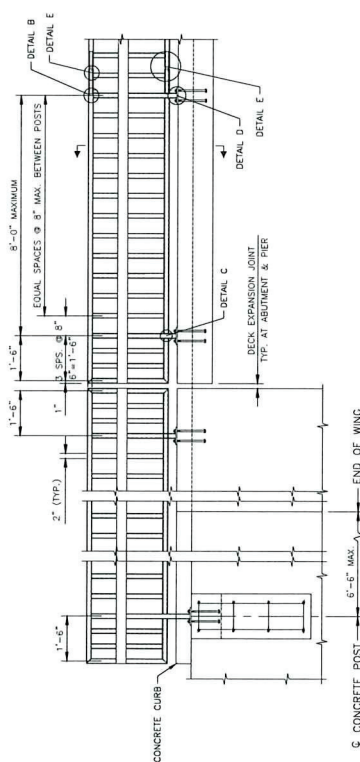


LOWER SPLICE CONNECTION ELEVATION

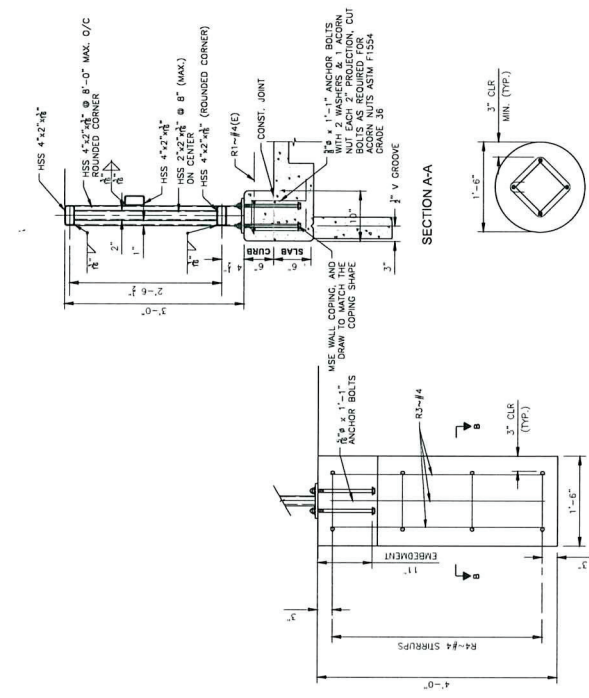
PEDESTRIAN/BICYCLE RAILING - SPLICE CONNECTION
Not To Scale



PEDESTRIAN/BICYCLE RAILING - PLAN VIEW
Not To Scale



PEDESTRIAN/BICYCLE RAILING - ELEVATION VIEW
Not To Scale



DRILLED CONCRETE POST BASE DETAIL
Not To Scale

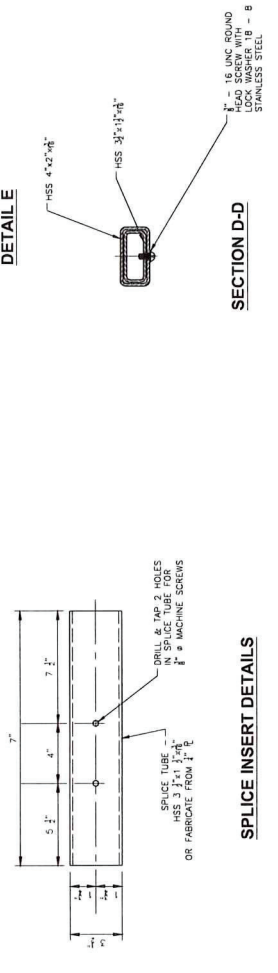
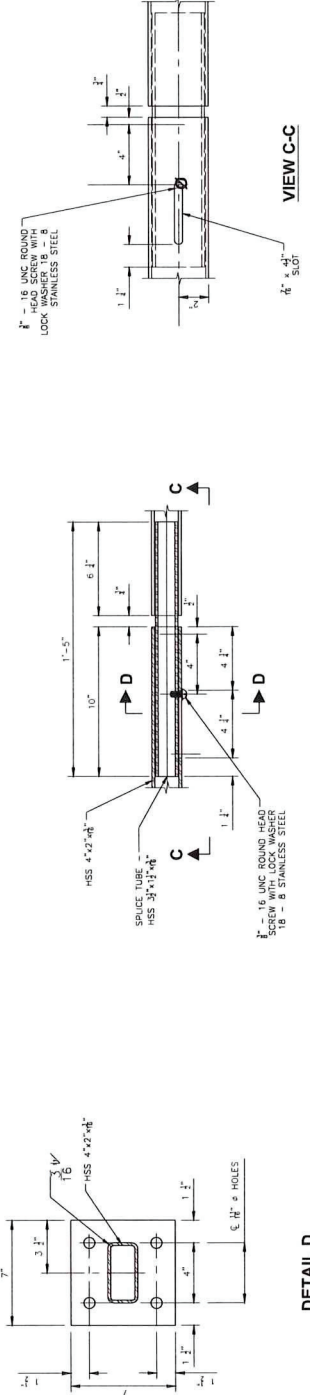
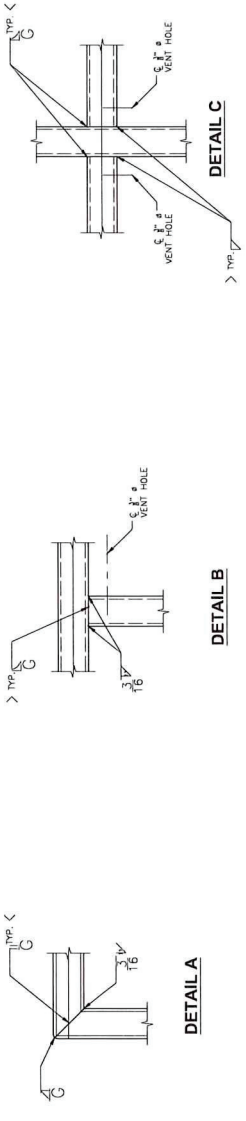


75% COMPLETED

PEDESTRIAN - BICYCLE RAILING
DETAILS 1

Design By: J. Thornton
Date: 05/2023
Drawn By: A. Conley
Date: 04/2023

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www.adacounty.org



SPLICE INSERT DETAILS

PEDESTRIAN/BICYCLE RAILING DETAILS

Net To Scale

KELLER ASSOCIATES

75% COMPLETED

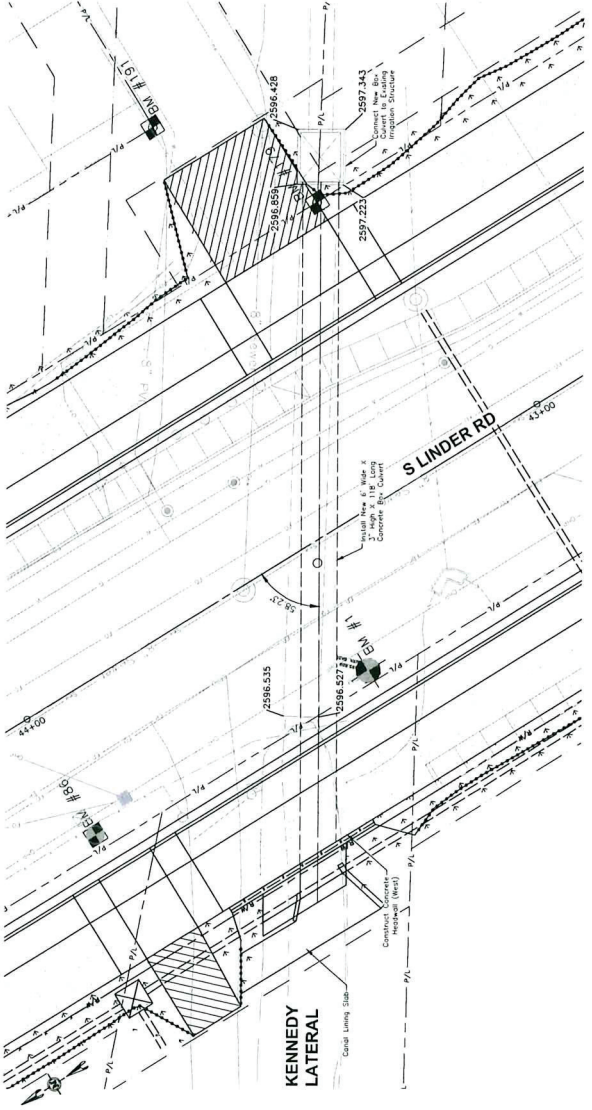
PEDESTRIAN - BICYCLE RAILING DETAILS 2

Design By: J. Thomson Date: 05/2023
 Drawn By: A. Carley Date: 04/2023

N O T E S

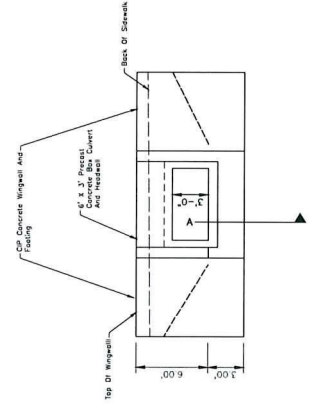
HYDRAULIC DATA

Class	Discharge	U.S. Location	Velocity
Design	40 CFS	2594.98	2.57 FPS
Maximum	60 CFS	2594.42	3.92 FPS



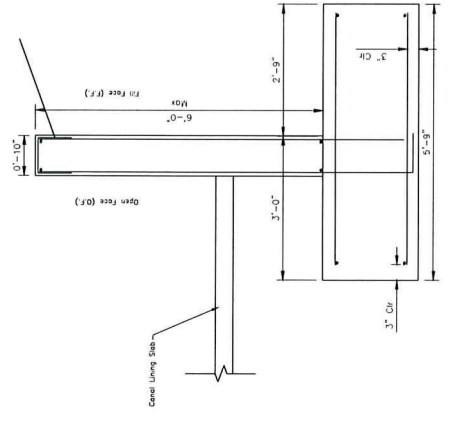
PLAN VIEW

Scale: 1" = 10'



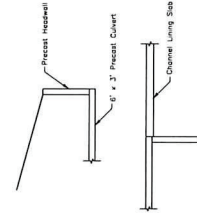
ELEVATION VIEW WEST HEADWALL

Scale: 1" = 3'



SECTION THROUGH WING WALL

N.T.S.



SECTION A

N.T.S.



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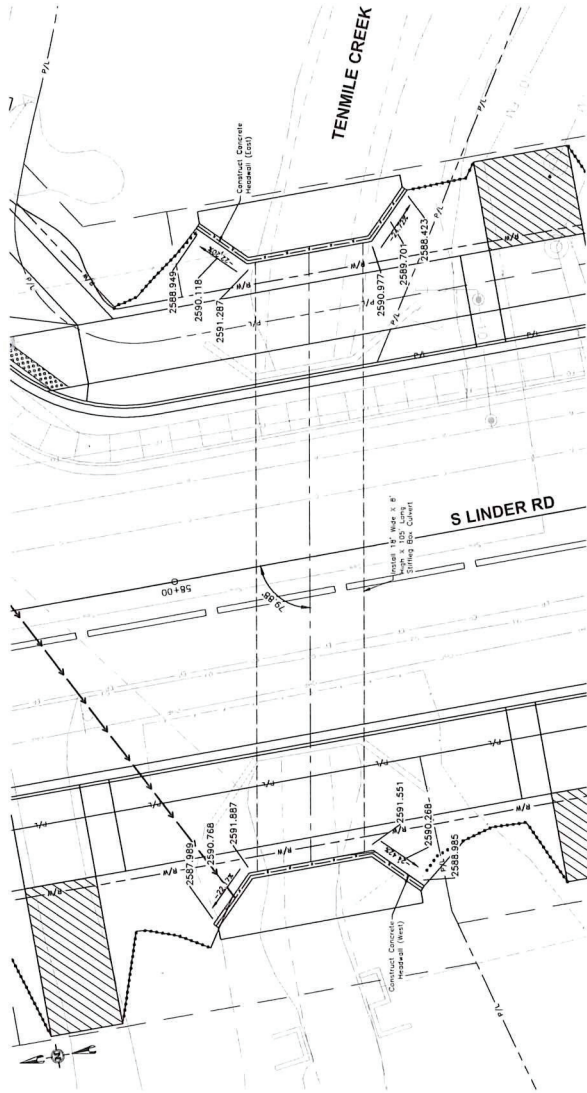
• SIGNATURES •
 Design By: J. Thornton
 Date: 05/2023

• DETAILED TITLE •
 KENNEDY HEADWALL
 Date: 04/2023

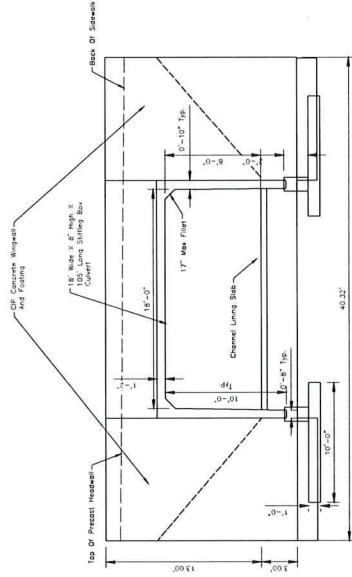
NOTES

HYDRAULIC DATA

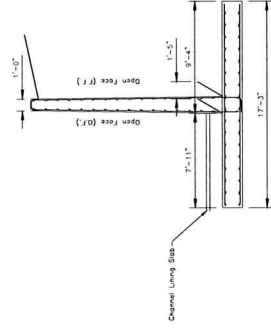
Discharge	U.S.L. Elevation	Velocity
Minimum	2482.30	3.07 FPS
Design	2482.25	5.34 FPS
Maximum	2482.97	5.68 FPS



PLAN VIEW
Scale: 1" = 10'



ELEVATION VIEW
HEADWALL (WEST)
Scale: 1" = 5'



TYPICAL SECTION
THROUGH THE WINGWALL
Scale: 1" = 5'

Revision:
Design By: J. Thornton
Date: 05/2023
Drawn By: A. Conroy
Date: 04/2023

• SIGNATURES •
TENMILE HEADWALL

• DETAIL TITLE •

Project Name: Linder Rd, Overland Rd To Franklin Rd

Project Number: 522038

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www.kelleridaho.com

Ada County Highway District

Sheet 44 Of 89



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Your Economic Opportunity**

IDAHO TRANSPORTATION DEPARTMENT
P.O. Box 7129 • Boise, ID 83707-1129
(208) 334-8000 • itd.idaho.gov

January 9, 2024

To: Strategic initiatives Program Local Transportation Grant Program Recipients (48)

RE: 2023 Strategic Initiatives Program Local Transportation Grant Program (LTGP) Awards

Your application for LTGP funding was approved at the December 13, 2023 Idaho Transportation Board Meeting per the attached Board Agenda Item.

Thank you for partnering with our MPO Directors and ITD District Engineers beginning July 1, 2023, when the application process began. There were 127 applications totaling \$293 million in transportation projects submitted by the September 1st due date, showing the significant need statewide for infrastructure improvements with projects ready to start construction within the next two years.

The Idaho Transportation Board considered a list of projects in the November and December Board meetings. Of those, 48 applications were approved totaling \$100 million in grants delivering transportation improvements across Idaho as shown on page 58 of the Board Agenda Item.

Please find enclosed a draft Memorandum of Understanding (MOU) outlining the award parameters and reporting responsibilities of each party. Included with the MOU is your approved application outlining the agreed upon project scope of work. During the month of January 2024, ITD Planning Manager Scott Luekenga will initiate the MOU and schedule the distribution of funding or partial funding to help expedite your approved construction project.

If you have any questions about the draft MOU, please contact Mr. Luekenga at (208) 334-5087 or scott.luekenga@itd.idaho.gov.

Sincerely,

Dan McElhinney, P.E.
Chief Deputy Director/Chief Operations Officer

Enc: Board Agenda Item and draft MOU

cc: Bill Moad - ITD Board Chairman, Scott Stokes - ITD Director, District Engineers
Amy Schroeder - Division Administrator Planning & TECM Program