

# LEGEND

- (See Standards For Specifics)
- C.L. of Construction or Survey
- Existing Profile or X-Section Line
- Existing Edge of Pavement or Gravel
- Existing Drain or Irrigation Pipe
- Existing Ditch or Flow line
- Existing Property or Right of Way Line
- Existing Fence and Gate
- Existing Slope
- Existing Curb & Gutter
- Existing Curb(No Gutter)
- Existing Concrete Sidewalk
- Existing Curb,Gutter,Sidewalk and Approach
- Existing Utility Line With Initial
- Water Valve or Meter
- Gas Valve or Meter
- Fire Hydrant
- Signal Pole
- Light Pole
- Utility Pole With Anchor
- Sign, Stop/Street Sign and Mailbox
- Existing and New Manholes
- Existing and New Catch Basin
- New Sediment Box
- Existing and New Irrigation Box
- Deciduous And Evergreen Tree
- Deciduous And Evergreen Bushes
- Existing Building
- River, Creek, or Canal
- Revision Note
- Construction Note
- Street Address
- Property Number or Curve Number
- Bench Mark and Monument
- Section & 1/4 Section Corner
- Design Plan Edge of Pavement or Gravel
- Design Profile For TC or Pipes
- Design Profile Grade Break
- Design Profile PC or PT
- Design Ditch or Flow line
- Design SD or Irrg. Pipe on Plan View
- New Property or Right of Way Line
- New Easement Line
- New Retaining Wall
- Limits of Cut Slope
- Limits of Fill Slope
- Section Line
- New Curb and Gutter
- New Curb,Gutter,Sidewalk, and Approach
- New Ped Ramp
- New Valley Gutter

# UTILITIES

- T Relocate To New Location And/Or Adjust To Grade To Avoid New Roadway Construction By Lumen
- G Relocate To New Location And/Or Adjust To Grade To Avoid New Roadway Construction By Intermountain Gas
- P Relocate To New Location And/Or Adjust To Grade To Avoid New Roadway Construction By Idaho Power
- W Relocate To New Location And/Or Adjust To Grade To Avoid New Roadway Construction By City Of Meridian
- TV Relocate To New Location And/Or Adjust To Grade To Avoid New Roadway Construction Sparklight
- FO Relocate To New Location And/Or Adjust To Grade To Avoid New Roadway Construction By ACHD
- F2 Relocate To New Location And/Or Adjust To Grade To Avoid New Roadway Construction By Syringa (Line 'FOS')
- F3 Relocate To New Location And/Or Adjust To Grade To Avoid New Roadway Construction By Lumen (Line 'FOC')
- F6 Relocate To New Location And/Or Adjust To Grade To Avoid New Roadway Construction By Zayo (Line 'FOZ')
- F9 Relocate To New Location And/Or Adjust To Grade To Avoid New Roadway Construction By Sparklight (Line 'FOP')

Utility Coordination Was Requested Through Achd During Design Of This Project. Utility Information Is Shown Only For Surface Features And If Provided By The Owner Of The Utility For Non-surface Features.

Utility Adjustments, Relocations, Or Replacements May Or May Not Be Completed Prior To Construction. The Contractor Shall Coordinate And Accommodate Work With The Utility Companies.

Call Digline  
2 Business Days Prior To Excavation  
Ph. # 811 To Request Underground Utility Locates

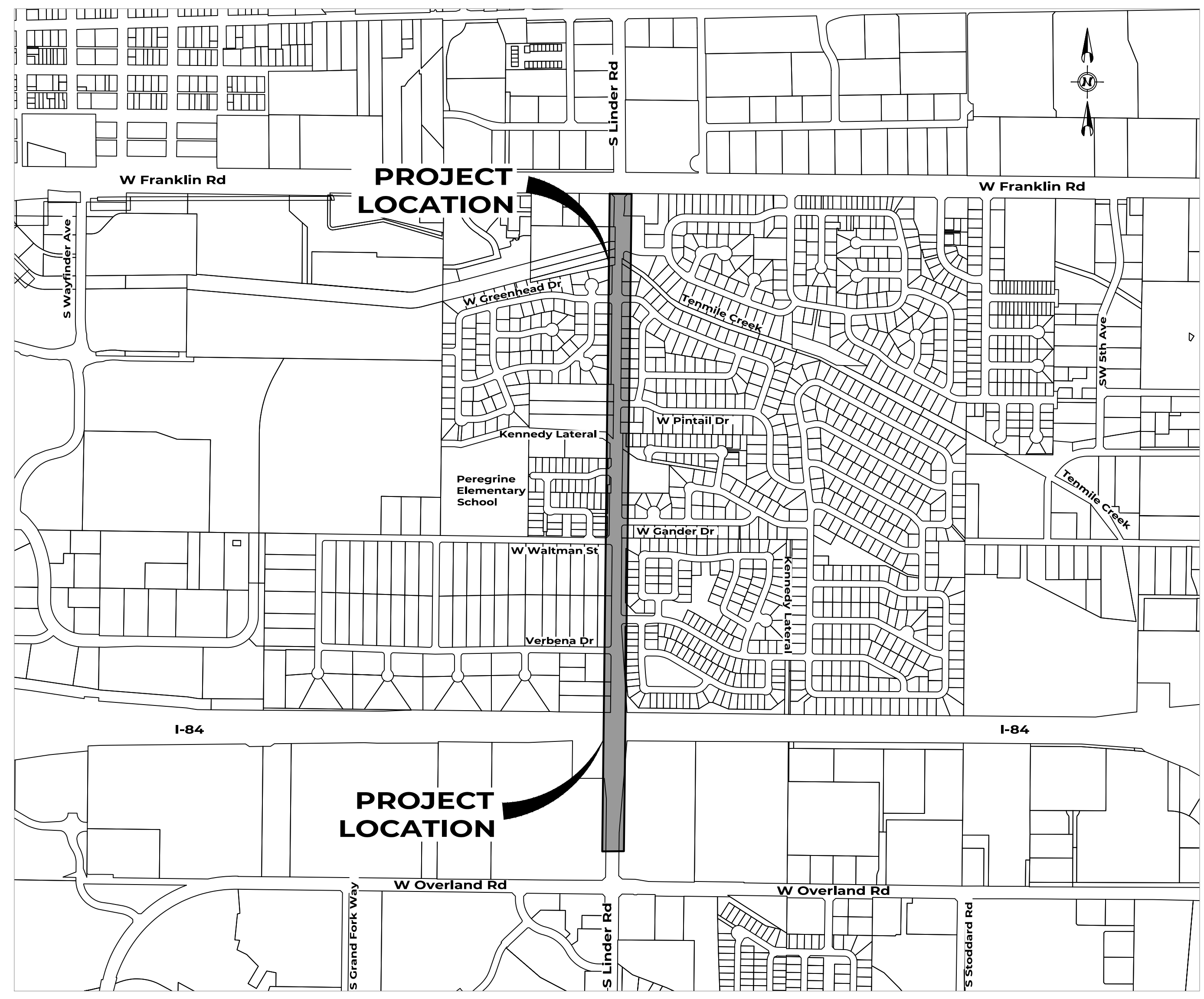
Contact Scott Bennett  
ACHD Utility Supervisor  
For Information Call 387-6259

**PROJECT DATUM:**

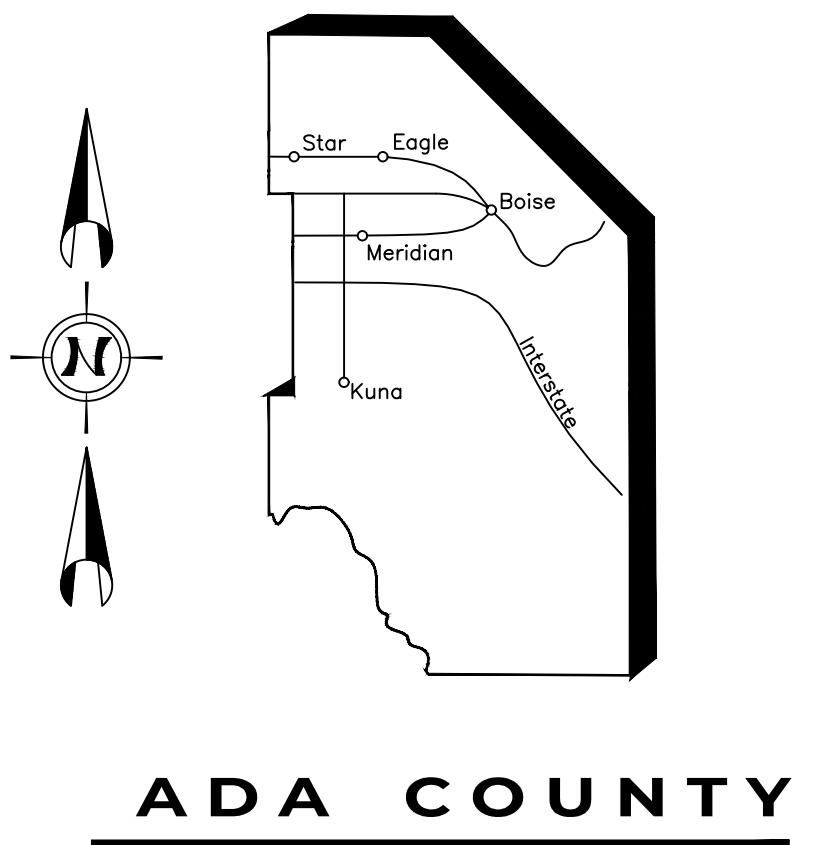
The Horizontal Datum for this Project is Based From Ada County Benchmark Information About Ada County Point No. 100502 and CAF of 1.0001528315 was Applied to Project Points to Ground Values. Elevations Shown are NAVD 88 (GEOID18) Based From NGS Brass Cap M 86.

# Ada County Highway District

**Project Name: Linder Rd, Overland Rd To Franklin Rd**  
**Project Number: 522038**  
**GIS No: 204919, 204909, 203054, 204929, 204939**



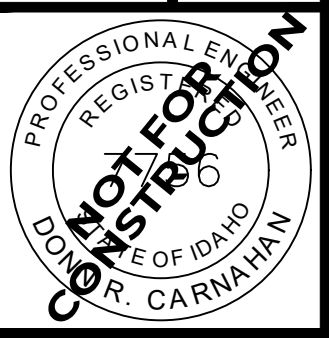
**Vicinity Map**  
N.T.S.



**ADA COUNTY**

J:\222104\_LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\TITLE SHEET.DWG LAST SAVED: 6/26/2024 3:26 PM PRINTED: 6/27/2024 10:52 AM

Date: 09/2022 Percent Complete: 99%  
 Date: 5/2024 Surveyed By: A. Hafen  
 Date: 5/2024 Drawn By: A. CORLEY  
 Date: 5/2024 Project Name: Linder Rd, Overland Rd To Franklin Rd  
 Project No: 522038



Certification Of Compliance With Standards  
 The Design And Plans Have Been Prepared In Substantial Conformance With The Policy, Design, And Drafting Standards In Effect At The Time Of Preparation.

**I N D E X O F S H E E T S**

PLANS NOT IN THIS SET - FOR INFORMATION ONLY

SHEET NO.	DESCRIPTION
<b>I-84 PLANS &amp; TRAFFIC CONTROL</b>	
GENERAL	
1	TITLE SHEET
2	TYPICAL SECTION
3	ROADWAY SUMMARY
4	CULVERT SUMMARY
5	PLAN SHEET NO. 1
6	PLAN SHEET NO. 2
7	I-84 IRRIGATION PROFILES
8	CIP BARRIER DETAILS
9	CONCRETE JOINT DETAILS
LANE SHIFT	
10	TEN MILE DETAIL
11	TEMPORARY TRAFFIC CONTROL (SHIFT)
12	TEMPORARY TRAFFIC CONTROL (SHIFT)
13	TEMPORARY TRAFFIC CONTROL (SHIFT)
14	TEMPORARY TRAFFIC CONTROL (SHIFT)
15	TEMPORARY TRAFFIC CONTROL (SHIFT)
16	TEMPORARY TRAFFIC CONTROL (SHIFT)
17	TEMPORARY TRAFFIC CONTROL (SHIFT)
DETOUR PLAN	
18	TEMPORARY TRAFFIC CONTROL (DETOUR)
19	TEMPORARY TRAFFIC CONTROL (DETOUR)
20	TEMPORARY TRAFFIC CONTROL (DETOUR)
21	TEMPORARY TRAFFIC CONTROL (DETOUR)
22	TEMPORARY TRAFFIC CONTROL (DETOUR)
23	TEMPORARY TRAFFIC CONTROL (DETOUR)
24	TEMPORARY TRAFFIC CONTROL (DETOUR)
25	TEMPORARY TRAFFIC CONTROL (DETOUR)
DETOUR OVERVIEW	
26	TEMPORARY TRAFFIC CONTROL (OVERVIEW)
27	TEMPORARY TRAFFIC CONTROL (OVERVIEW)
28	TEMPORARY TRAFFIC CONTROL (OVERVIEW)

SHEET NO.	DESCRIPTION
<b>LINDER ROAD OVERPASS - BRIDGE PLANS</b>	
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	FOOTING LAYOUT AND PILE NOTES
8	ABUTMENT DETAILS (1 OF 3)
9	ABUTMENT DETAILS (2 OF 3)
10	ABUTMENT DETAILS (3 OF 3)
11	WING WALL DETAILS
12	MSE WALL DETAILS (1 OF 4)
13	MSE WALL DETAILS (2 OF 4)
14	MSE WALL DETAILS (3 OF 4)
15	MSE WALL DETAILS (4 OF 4)
16	PIER DETAILS (1 OF 5)
17	PIER DETAILS (2 OF 5)
18	PIER DETAILS (3 OF 5)
19	PIER DETAILS (4 OF 5)
20	PIER DETAILS (5 OF 5)
21	GIRDER FRAMING PLAN
22	WF42G PRESTRESSED GIRDER
23	PRESTRESSED GIRDER GENERAL DETAILS
24	PRESTRESSED WF GIRDER DETAILS
25	DECK TYPICAL SECTION AND DETAILS
26	DECK REINFORCING PLAN
27	FUTURE UTILITY DETAILS
28	APPROACH SLAB DETAILS (1 OF 3)
29	APPROACH SLAB DETAILS (2 OF 3)
30	APPROACH SLAB DETAILS (3 OF 3)
31	COMBINATION RAILING (1 OF 2)
32	COMBINATION RAILING (2 OF 2)
33	PEDESTRIAN RAILING/FENCE (1 OF 3)
34	PEDESTRIAN RAILING/FENCE (2 OF 3)
35	PEDESTRIAN RAILING/FENCE (3 OF 3)
36	PEDESTRIAN RAILING LIGHT POLE SUPPORT
37	BRIDGE NAME SIGNAGE
38	DATE PANEL
39	METAL REINFORCEMENT (1 OF 2)
40	METAL REINFORCEMENT (2 OF 2)

**I N D E X O F S H E E T S**

SHEET NO.	DESCRIPTION	CONSTRUCTION STAGING	
GENERAL			
1	TITLE SHEET	57 CONSTRUCTION STAGING OVERVIEW NO. 1	
2	INDEX OF SHEETS	58 CONSTRUCTION STAGING OVERVIEW NO. 2	
3	OWNERSHIP TABLE NO. 1	59 STAGE 1 CONSTRUCTION NO. 1	
4	OWNERSHIP TABLE NO. 2	60 STAGE 1 CONSTRUCTION NO. 2	
5	OWNERSHIP MAP NO. 1	61 STAGE 2 CONSTRUCTION NO. 1	
6	OWNERSHIP MAP NO. 2	62 STAGE 2 CONSTRUCTION NO. 2	
7	CONTROL MAP NO. 1	63 STAGE 3 CONSTRUCTION	
8	CONTROL MAP NO. 2	64 STAGE 4 CONSTRUCTION	
ROADWAY			
9	TYPICAL SECTION 1	65 CONSTRUCTION STAGING -TEN-MILE CULVERT P1	
10	TYPICAL SECTION 2	66 CONSTRUCTION STAGING - TEN-MILE CULVERT P2	
11	TYPICAL SECTION 3	67 CONSTRUCTION STAGING - TEN-MILE CULVERT S&L	
12	PLAN - STA. 14+80 - 18+00	68 CONSTRUCTION STAGING - KENNEDY LATERAL P1	
13	PROFILE - STA. 14+80 - 18+00	69 CONSTRUCTION STAGING - KENNEDY LATERAL P2	
14	PLAN - STA. 18+00 - 23+00	70 CONSTRUCTION STAGING - KENNEDY LATERAL S&L	
15	PROFILE - STA. 18+00 - 23+00	STORMWATER POLLUTION PREVENTION PLAN	
16	PLAN - STA. 23+00 - 28+00	71 SWPPP PLAN - STA. 13+00 - 18+00	
17	PROFILE - STA. 23+00 - 28+00	72 SWPPP PLAN - STA. 18+00 - 23+00	
18	PLAN - STA. 28+00 - 33+00	73 SWPPP PLAN - STA. 23+00 - 28+00	
19	PROFILE - STA. 28+00 - 33+00	74 SWPPP PLAN - STA. 28+00 - 37+00	
20	PLAN - STA. 33+00 - 37+00	75 SWPPP PLAN - STA. 37+00 - 46+00	
21	PROFILE - STA. 33+00 - 37+00	76 SWPPP PLAN - STA. 46+00 - 56+00	
22	PLAN - STA. 37+00 - 42+00	77 SWPPP PLAN - STA. 56+00 - 65+00	
23	PROFILE - STA. 37+00 - 42+00	SIGNING & PAVEMENT MARKING PLANS	
24	PLAN - STA. 42+00 - 46+00	78 SIGNING & PAVEMENT MARKING PLANS - STA. 8+00 - 16+00	
25	PROFILE - STA. 42+00 - 46+00	79 SIGNING & PAVEMENT MARKING PLANS - STA. 16+00 - 26+00	
26	PLAN - STA. 46+00 - 51+00	80 SIGNING & PAVEMENT MARKING PLANS - STA. 26+00 - 35+00	
27	PROFILE - STA. 46+00 - 51+00	81 SIGNING & PAVEMENT MARKING PLANS - STA. 35+00 - 45+00	
28	PLAN - STA. 51+00 - 56+00	82 SIGNING & PAVEMENT MARKING PLANS - STA. 45+00 - 55+00	
29	PROFILE - STA. 51+00 - 56+00	83 SIGNING & PAVEMENT MARKING PLANS - STA. 55+00 - 65+00	
30	PLAN - STA. 56+00 - 60+00	84 SIGNING & PAVEMENT MARKING PLANS - STA. 202+00 - 208+00	
31	PROFILE - STA. 56+00 - 60+00	ILLUMINATION PLANS	
32	PLAN - STA. 60+00 - 65+00	85 ILLUMINATION & SIGNAL PLANS - STA. 14+80 - 18+00	
33	PROFILE - STA. 60+00 - 65+00	86 ILLUMINATION & SIGNAL PLANS - STA. 18+00 - 28+00	
34	VERBENA DR PLAN & PROFILE	87 ILLUMINATION & SIGNAL PLANS - STA. 28+00 - 37+00	
35	DRIVEWAY - PUMP ACCESS PLAN & PROFILE	88 ILLUMINATION & SIGNAL PLANS - STA. 37+00 - 46+00	
36	DRIVEWAY - PUMP ACCESS PLAN & PROFILE	89 ILLUMINATION & SIGNAL PLANS - STA. 46+00 - 56+00	
37	ACCESS ROAD - RESIDENTIAL PLAN & PROFILE	90 ILLUMINATION & SIGNAL PLANS - STA. 56+00 - 65+00	
38	PATHWAY TRANSITION DETAILS	SIGNAL PLANS	
39	GRAVITY WALL & LANDSCAPE DETAILS	91 TRAFFIC SIGNAL PLAN (LINDER & FRANKLIN)	
40	CAMERA POLE DETAILS	92 TRAFFIC SIGNAL DETAILS (LINDER & FRANKLIN)	
RETAINING WALLS & CULVERTS			
41	RETAINING WALL PLAN & ELEVATION- LINDER ROAD LEFT	93 TRAFFIC SIGNAL DETAILS (LINDER & FRANKLIN)	
42	RETAINING WALL PLAN & ELEVATION- LINDER ROAD RIGHT	94 TRAFFIC SIGNAL DETAILS (LINDER & FRANKLIN)	
43	RETAINING WALL DETAILS	95 TRAFFIC SIGNAL DETAILS (LINDER & FRANKLIN)	
44	COMBINATION PEDESTRIAN RAILING	96 PEDESTRIAN HYBRID BEACON (WALTMAN)	
45	BICYCLE RAILING TYPE 2	97 PEDESTRIAN HYBRID BEACON (WALTMAN)	
46	BICYCLE RAILING TYPE 3	98 PEDESTRIAN HYBRID BEACON (GREENHEAD)	
47	BICYCLE RAILING & WALL DETAILS	99 PEDESTRIAN HYBRID BEACON (GREENHEAD)	
48	KENNEDY LATERAL CULVERT SITUATION LAYOUT	100 SCHOOL ZONE FLASHER SIGNAL PLAN & DETAILS	
49	KENNEDY LATERAL CULVERT DESIGN AND GENERAL NOTES	101 SCHOOL ZONE FLASHER SIGNAL PLAN & DETAILS	
50	KENNEDY LATERAL CULVERT DETAILS		
51	KENNEDY LATERAL CULVERT WING WALL DETAILS		
52	KENNEDY LATERAL CULVERT CONCRETE CLOSURE POUR DETAILS		
53	TENMILE CREEK CULVERT SITUATION AND LAYOUT		
54	TENMILE CREEK GENERAL NOTES		
55	TENMILE CREEK CULVERT DETAILS		
56	TENMILE CREEK CULVERT WINGWALL DETAILS		

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\INDEX SHEET.DWG LAST SAVED: 6/26/2024 3:35 PM PRINTED: 6/27/2024 10:52 AM

Revisions:

• S I G N A T U R E S •

Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 1/2024

• D E T A I L T I T L E •

**I N D E X O F S H E E T S**



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\_3\_DESIGN\PLANS BID 2\OWNERSHIP TABLE.DWG LAST SAVED: 5/28/2024 10:58 AM PRINTED: 6/27/2024 10:52 AM

Parcel ID No.	Parcel Assessor ID Number	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,SW)	Temp.		
1	R0525200020	Idaho Auto Mall LLC	1800 W Seabrook St Meridian, ID 83642-0000	533784		2871	8284 (D)	5113	530913	15, 17
2	R7192800710	HK&M LLC	1195 S Linder Rd Meridian, ID 83642-0000	48918		2209	3979 (SW)	1082	46709	19
3	R7192800700	ACHD	1155 S Linder Rd Meridian, ID 83642-0000	41730		1886	11556 (SW)		39844	19
4	R7192800676	Peggy Towns Family Trust	1655 W Verbena Dr Meridian, ID 83642-0000	41643		3752	6357 (SW)	508	37891	19
5	R7192800240	ACHD	995 S Linder Rd Meridian, ID 83642-0000	40946		40863			84	21
6	R7192800010	Paola A Silva	865 S Linder Rd Meridian, ID 83642-0000	40946		40864			83	21, 23
7	R7594510010	DNKN Trust 08/10/2018	798 S Malachite Ave Meridian, ID 83642-0000	5532					5532	23
8	R7594510020	Lee Family Trust 04/25/2007	784 S Malachite Ave Meridian, ID 83642-0000	5619					5619	25
9	R7594510030	Bradley K Simpson	770 S Malachite Ave Meridian, ID 83642-0000	5619					5619	25
10	R7594510040	Roundtree Place Homeowners Association	755 S Linder Rd Meridian, ID 83642-0000	8059				175	8059	23, 25
11	R7594510050	Roundtree Place Homeowners Association	W Gander St Meridian, ID 83642-0000	3877					2763	25
12	R7594510060	Muhidin Aden	1612 W Gander St Meridian, ID 83642-0000	6534					6534	25
13	R8618270160	Tapestry Subdivision Homeowners Association Inc	S Linder Rd Meridian, ID 83642-0000	2178		1114	256 (S)		1064	25
14	R8618270170	Dwight C Jensen	1629 W Bayeux Dr Meridian, ID 83642-0000	13547		56	364 (S)		13491	25
15	R8618270010	Tapestry Subdivision Homeowners Association Inc	S Linder Rd Meridian, ID 83642-0000	1786		609	301 (S)	105	1177	25, 27
16	R8618270020	Tapestry Subdivision Homeowners Association Inc	W Bayeux Dr Meridian, ID 83642-0000	5837			84 (S)		5837	25,27
17	R8956001797	Kenneth Grapatn & Julia Family Trust 01/14/2022	1650 W Joshua Ln Meridian, ID 83642-0000	52141			308 (S)	628	52141	27
18	R8956001690	Tobias Woitke	515 S Linder Rd Meridian, ID 83642-0000	77101		3661	944 (S)	430	73440	27
19	R8956001620	Liz Hansen	485 S Linder Rd Meridian, ID 83642-0000	65340		2297		1228	63043	27, 29
20	R8956001072	Carries Place LLC	465 S Linder Rd Meridian, ID 83642-0000	84506		2836	1319 (S)	696	81671	29
21	R9375790020	Whitestone Estates HOA Inc	S Linder Rd Meridian, ID 83642-0000	10977		803	1060 (U,S)	359	10174	29, 31
22	R9375790070	Michael J Hislop	428 S Malachite Ave Meridian, ID 83642-0000	14767					14767	29
23	R9375790060	Tom J Hislop	422 S Malachite Ave Meridian, ID 83642-0000	11151					11151	29
24	R9375790050	Randall V Berthoud	396 S Malachite Ave Meridian, ID 83642-0000	14375					14375	29
25	R9375790040	Liane M Hihath	374 S Malachite Ave Meridian, ID 83642-0000	8886					8886	31
26	R9375790030	Larry E Pomeranke	342 S Malachite Ave Meridian, ID 83642-0000	8756					8756	31
27	R9375790010	Kenneth J Olguin	310 S Malachite Ave Meridian, ID 83642-0000	8756					8756	31
28	R9375760230	Jennifer O'Neill	276 S Malachite Ave Meridian, ID 83642-0000	9235					9235	31
29	R9375760220	Whitestone HOA	S Linder Rd Meridian, ID 83642-0000	1655		358		527	1297	31
30	R9375760010	Whitestone HOA	S Linder Rd Meridian, ID 83642-0000	4443		838		895	3605	31, 33
31	R9375760020	Robin L Smith	250 S Malachite Ave Meridian, ID 83642-0000	9322					9322	31
32	R9375760030	Virginia L Gould	238 S Malachite Ave Meridian, ID 83642-0000	14898					14898	33
33	R8956000351	USA (Bureau Of Reclamation)	245 S Linder Rd Meridian, ID 83642-0000	30492		750		967	29742	33
34	R8956000224	Open Door Rentals LLC	S Linder Rd Meridian, ID 83642-0000	38638		806	1021 (B)	853	37832	33
35	R8956000222	Open Door Rentals LLC	S Linder Rd Meridian, ID 83642-0000	41513		628	636 (S)	439	40885	33
36	R8956000210	Open Door Rentals LLC	115 S Linder Rd Meridian, ID 83642-0000	120661		1376	559 (S)	140	119285	33
37	R8956000020	Jacksons Food Stores Inc	1625 W Franklin Rd Meridian, ID 83642-0000	65993		3330	252 (S)	2833	62663	35
38	S1213223015	New Pacific Corporation	1535 W Franklin Rd Meridian, ID 83642-0000	49353		454		1426	48900	35
39	R1608640150	Crestwood Estates HOA Inc	N Linder Rd Meridian, ID 83642-0000	24219		526	983 (B)	1104	23693	33
40	R5135350160	Landing Owners Assoc Inc	240 S Linder Rd Meridian, ID 83642-0000	47045		673		554	46372	33
41	R5135350010	Landing Owners Assoc Inc	S Linder Rd Meridian, ID 83642-0000	13068		2206		622	10862	31, 33
42	r5135350020	Stephen L Craig	1580 W Overland Rd Meridian, ID 83642-0000	593941		1947		678	591994	31
43	R5135350170	Jeremy S Colegrove	1571 W Greenhead Dr Meridian, ID 83642-0000	12197		2162	508 (D)	174	10034	31
44	R5135360010	Diane Wheeler	441 S Spoonbill Ave Meridian, ID 83642-0000	11761		1612	645 (D)		10149	31
45	R5135360020	Claudina Engle	455 S Spoonbill Ave Meridian, ID 83642-0000	10019		1295	518 (D)		8724	31
46	R5135360030	June Harr	461 S Spoonbill Ave Meridian, ID 83642-0000	10019		1330	532 (D)		8689	29, 31

Example  
 S=Slope  
 U=Utility  
 D=Drainage  
 B=Bridge  
 SW=Sidewalk

Right Of Way Requirements

Revisions:	• S I G N A T U R E S •		
Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 1/2024

• D E T A I L T I T L E •

**OWNERSHIP TABLE NO. 1**



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\OWNERSHIP TABLE.DWG LAST SAVED: 5/28/2024 10:58 AM PRINTED: 6/27/2024 10:52 AM

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,SW)	Temp.		
47	R5135360040	Mario Riccardi Jr.	479 S Spoonbill Ave Meridian, ID 83642-0000	10454		1365	546 (D)		9089	29
48	R5135360050	Molly Fernlund	501 S Spoonbill Ave Meridian, ID 83642-0000	10019		1330	532 (D)		8688	29
49	R5135360060	Tyler J Purchase	519 S Spoonbill Ave Meridian, ID 83642-0000	9583		1260	504 (D)		8323	29
50	R5135360070	Reginald A Kendra	547 S Spoonbill Ave Meridian, ID 83642-0000	9583		1295	518 (D)		8288	29
51	R5135360080	Capri Lee Ann Younger	563 S Spoonbill Ave Meridian, ID 83642-0000	10890		1717	542 (D)	85	9173	29
52	R5135360310	Riley Johnson	1577 W Pintail Dr Meridian, ID 83642-0000	11326		2084		352	9242	27, 29
53	R5135360330	Mushreq Abdulsattar Al Zubaidi	548 S Linder Rd Meridian, ID 83642-0000	14375		1482		1133	12893	27
54	R5135460440	Diana Kenig	1522 Joshua St Meridian, ID 83642-0000	5097					5097	27
55	R5135460460	Landing HOA Inc	W Joshua St Meridian, ID 83642-0000	14244			359 (U)	283	14244	27
56	R5135470020	Stetson Homes Inc	S Linder Rd Meridian, ID 83642-0000	12110			1324 (S)		12110	25, 27
57	S1213233966	Stetson Homes Inc	660 S Linder Rd Meridian, ID 83642-0000	90343					90343	25, 27
58	R5135410200	Joni L Bryce	726 S Linder Rd Meridian, ID 83642-0000	11718		230		1860	11488	25
59	R5135410210	Kristy Bobish Thompson	1546 W Gander Dr Meridian, ID 83642-0000	10106		315		518	9790	25
60	R5135410340	Sherri Hasting	1547 W Gander Dr Meridian, ID 83642-0000	9017		366		451	8651	23, 25
61	R5464350010	Blue Horizon HOA Inc	S Linder Rd Meridian, ID 83642-0000	38028		73	99 (S,SW)	113	37955	21, 23
62	R5464350090	Terence R Johnson	823 S Spoonbill Ave Meridian, ID 83642-0000	7013					7013	23
63	R5464350080	Devin X Breining	855 S Spoonbill Ave Meridian, ID 83642-0000	6011					6011	23
64	R5464350070	Ashley Janellen Pentzer	867 S Spoonbill Ave Meridian, ID 83642-0000	6011					6011	23
65	R5464350060	Brittany Howard	881 S Spoonbill Ave Meridian, ID 83642-0000	6011					6011	21,23
66	R5464350050	Caleb Cook	937 S Spoonbill Ave Meridian, ID 83642-0000	6142					6142	21
67	R5464350040	Thomas M Weber & Susan A Living Trust	955 S Spoonbill Ave Meridian, ID 83642-0000	7971					7971	21
68	R5464350030	Gina D Froman	1565 W Rainbow Trout St Meridian, ID 83642-0000	8407					8407	21
69	R5464350390	Blue Horizon HOA Inc	S Linder Rd Meridian, ID 83642-0000	66821			2898 (SW,S)		66821	19, 21
70	R5464350400	Cheryl J Crowley	1005 S Spoonbill Ave Meridian, ID 83642-0000	5009					5009	19
71	R5464350410	Fernando Jacuinde	1019 S Spoonbill Ave Meridian, ID 83642-0000	5009					5009	19
72	R5464350420	Derek Giles	1033 S Spoonbill Ave Meridian, ID 83642-0000	5009					5009	19
73	R5464350430	Gerosin Family Trust 05/03/2021	1047 S Spoonbill Ave Meridian, ID 83642-0000	5009					5009	19, 21
74	R5464350440	Lynn C Olson Revocable Trust	1061 S Spoonbill Ave Meridian, ID 83642-0000	5140					5140	19
75	R5464350450	Christina Najmabadi	1075 S Spoonbill Ave Meridian, ID 83642-0000	5227					5227	19
76	R5464350460	Kimball G&L Family Estate Trust	1089 S Spoonbill Ave Meridian, ID 83642-0000	5227					5227	19
77	R5464350470	Camy LLC	1103 S Spoonbill Ave Meridian, ID 83642-0000	5140					5140	19
78	R5464350480	Benny R Poole	1117 S Spoonbill Ave Meridian, ID 83642-0000	5009					5009	19
79	R5464350490	Andrew C Linn	1131 S Spoonbill Ave Meridian, ID 83642-0000	6403					6403	19
80	R5464350500	Mark A Riggs	1589 W Silver Salmon Dr, ID 83642-0000	7362					7362	19
81	S1213336185	Debgar LLC	1580 W Greenhead Dr Meridian, ID 83642-0000	12632			2028 (S)		12632	13, 15, 17, 37
82	S1224223501	Aspen Grove Holdings LLC	1575 W Overland Rd Meridian, ID 83642-0000	94569		1342	1770 (S)		93227	11, 13, 37
83	S1224223551	S3 Investments LP	1750 S Linder Rd Meridian, ID 83642-0000	188615					188615	11
84	R2737350120	Fall Creek HOA INC	S Spoonbill Ave Meridian, ID 83642-0000	45128					45128	11
85	R2737350220	Miguel M Lopez	1554 W Elias Dr Meridian, ID 83642-0000	22477					22477	11
86	S1223110500	Louie D Shearer	1807 S Linder Rd Meridian, ID 83642-0000	43560					43560	11
87	R8048710052	Idaho Pacific Lumber Company Inc	1770 S Spanish Sun Way Meridian, ID 83642-0000	52795					52795	11
88	R8048710046	Southridge Farm LLC	S Linder Rd Meridian, ID 83642-0000	35981					35981	11
89	R8048710025	Southridge Farm LLC	1716 S Spanish Sun Way Meridian, ID 83642-0000	75185		1171		357	74014	11, 13, 37
90	R0525200040	Idaho Auto Mall LLC	1566 S Spanish Sun Way Meridian, ID 83642-0000	51183		3762	1428 (S)	1556	47421	13, 15, 37

Example  
S=Slope  
U=Utility  
D=Drainage  
B=Bridge  
SW=Sidewalk

**Right Of Way Requirements**

Revisions:

• S I G N A T U R E S •

Design By: J. Thornton

Date: 1/2024

Drawn By: A. Corley

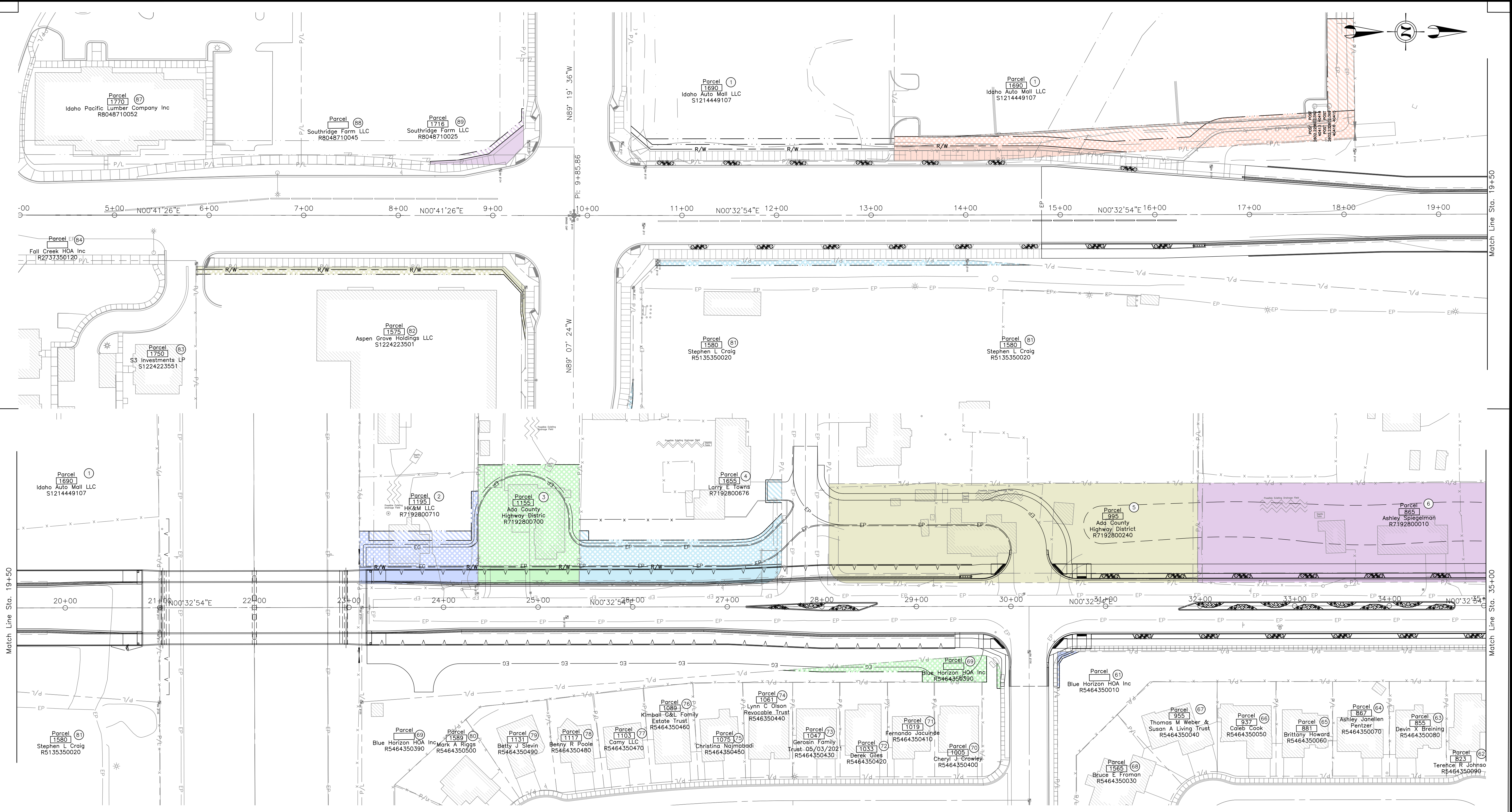
Date: 1/2024

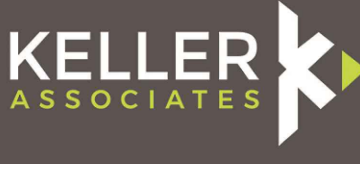

• D E T A I L T I T L E •

**OWNERSHIP TABLE NO. 2**

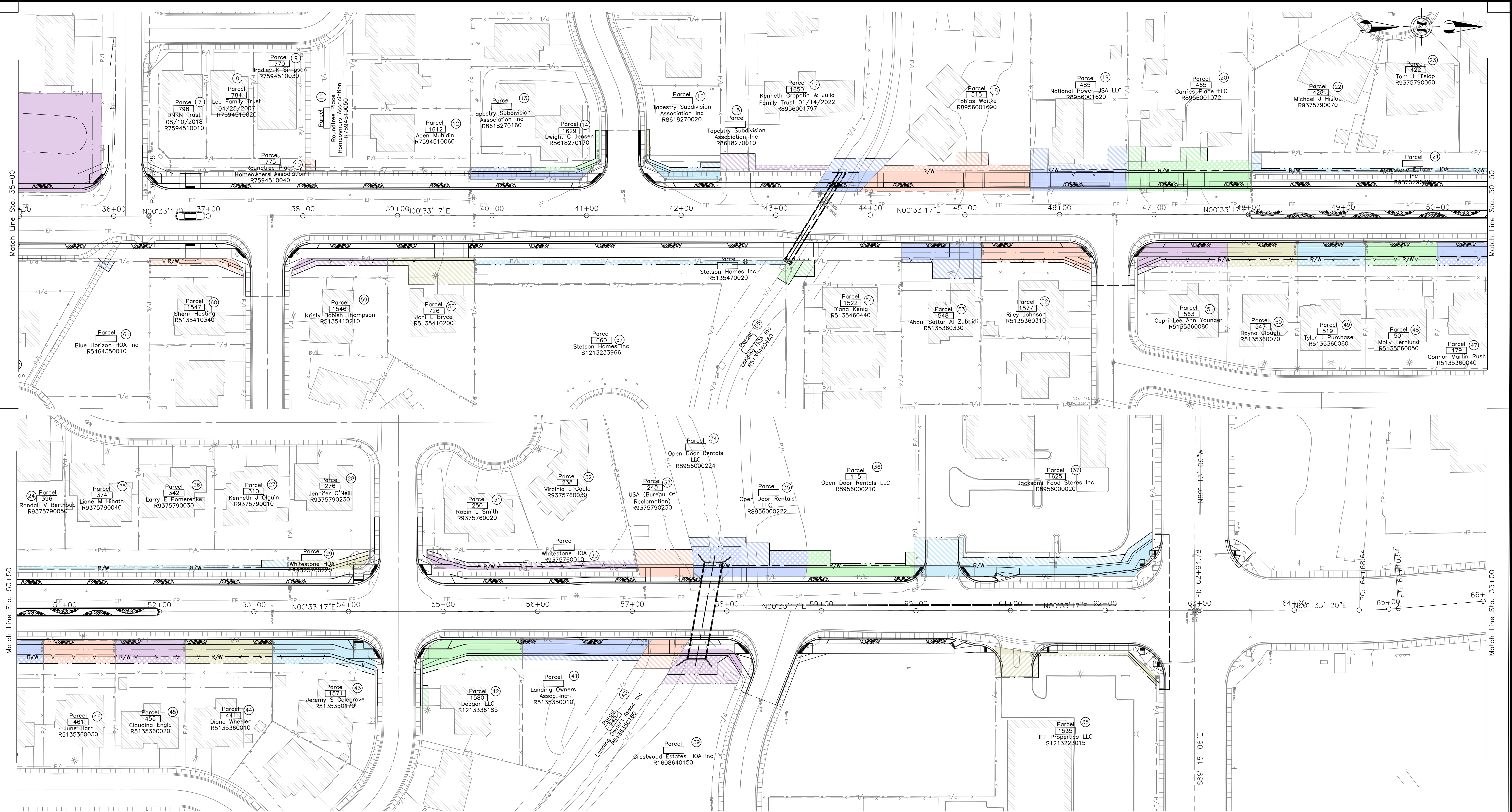


J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\PLANS BID 2\OWNERSHIP TABLE.DWG LAST SAVED: 5/28/2024 10:58 AM PRINTED: 6/27/2024 10:53 AM



Revisions:	• S I G N A T U R E S • Design By: J. Thornton      Date: 1/2024      Drawn By: A. Corley      Date: 1/2024	• D E T A I L T I T L E • <b>OWNERSHIP MAP NO. 1</b>	 
------------	--	---	--

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\3\_DESIGN\PLANS BID 2\OWNERSHIP TABLE.DWG LAST SAVED: 5/28/2024 10:58 AM PRINTED: 6/27/2024 10:53 AM



Revisions:

• SIGNATURES •

Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 1/2024

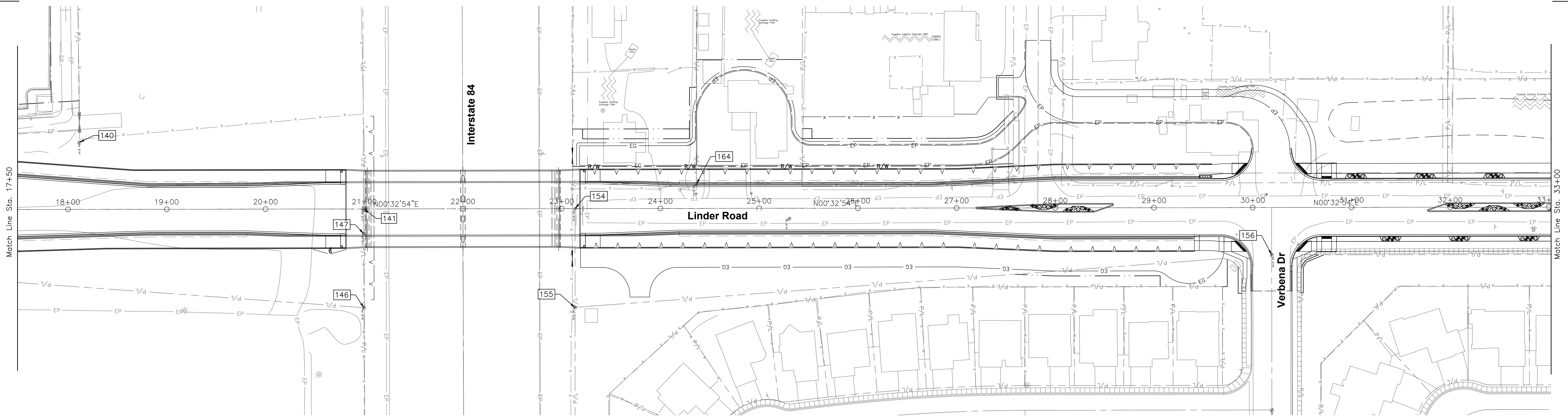
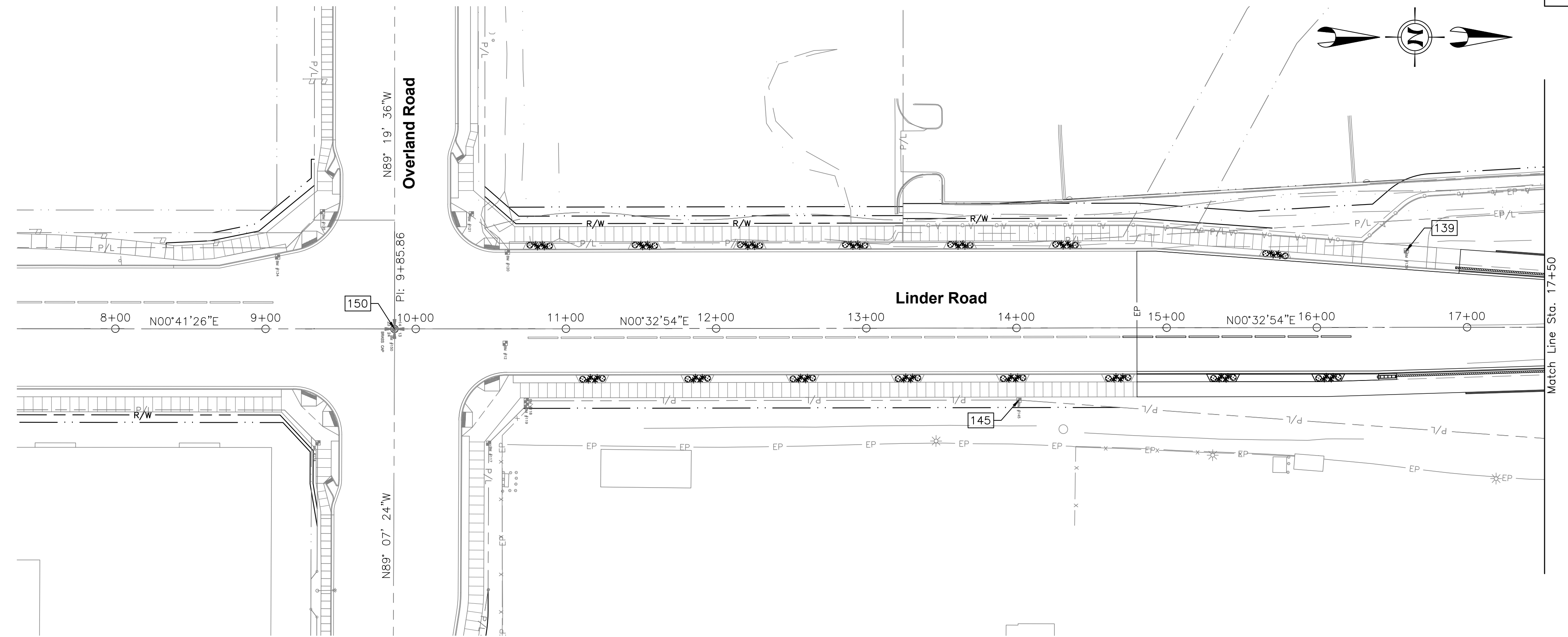
• D E T A I L T I T L E •  
**OWNERSHIP MAP NO. 2**



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\SURVEY CONTROL.DWG LAST SAVED: 5/28/2024 4:25 PM PRINTED: 6/27/2024 10:53 AM

Control Point Table				
Point #	Northing	Easting	Elevation	Description
139	702468.12	2449238.06	2608.90	BARFHF NO CAP
140	702620.10	2449222.75	2605.57	ALUMINUM CAP
141	702907.47	2449293.43	2602.23	BARFFV NO CAP
145	702209.02	2449334.74	2603.93	BARFHF 4116
146	702906.51	2449393.48	2601.61	BARFHF ILLEG
147	702907.16	2449318.32	2602.34	BARFFV ILLEG
150	701793.90	2449282.69	2609.54	BRASS CAP 5291
154	703121.61	2449295.53	2599.73	BARFFV 8961
155	703120.34	2449395.61	2600.60	BARFFV 4431
156	703826.60	2449350.16	2597.65	BARFFV NC
159	704444.62	2449356.01	2595.44	BARFFV 4431
160	704575.05	2449309.50	2595.02	BARFFV ILLEG
163	704789.03	2449311.56	2595.93	BARFFV NC
164	703244.78	2449271.92	2598.99	BARFFV 1029
165	704445.49	2449283.16	2594.24	BARFFV 11334
166	704446.00	2449240.04	2594.14	BARFHF 11334
167	704465.78	2449260.40	2594.27	BARFHF 11334
170	704785.33	2449286.34	2594.91	BARFFV 11334
171	704785.71	2449263.37	2595.13	BARFFV 11334
172	704921.89	2449254.76	2595.42	BARFHF 7045
173	704901.51	2449274.45	2595.34	BARFHF 7045
174	704971.92	2449255.24	2595.70	BARFHF 7045
175	704991.68	2449275.55	2596.01	BARFHF NC
176	704971.84	2449249.98	2595.29	BARFHF ILLEG
177	704946.57	2449287.96	2596.09	BARFFV ILLEG
178	705049.53	2449275.98	2597.05	BARFHF 7045

Control Point Table				
Point #	Northing	Easting	Elevation	Description
179	705121.09	2449362.56	2597.62	BARFFV 14221
180	705240.14	2449363.79	2594.09	BARFFV 14221
183	704788.84	2449359.43	2595.86	BARFFV 11754
191	705137.80	2449387.78	2596.09	BARFHF 14221
195	706127.16	2449324.56	2591.62	BARFFV NC
196	706126.96	2449354.51	2592.36	BARFHF 2824
197	705324.74	2449346.75	2592.59	BARFHF NO CAP
200	705658.77	2449349.88	2592.62	BARFHF 2824
201	705730.85	2449350.77	2592.52	BARFHF 2824
202	705884.84	2449352.21	2590.98	BARFHF 2824
204	706035.08	2449353.65	2592.57	BARFHF 2824
205	707103.34	2449333.85	2599.58	BARFFV ILLEG
207	706390.68	2449357.35	2590.20	BARFHF BENT ILLEG
209	706669.52	2449437.02	2593.03	BARFFV NC BENT
210	706642.60	2449424.16	2592.94	BARFFV NC
215	707058.28	2449274.97	2599.27	BARFFV 5082
216	707061.76	2449403.93	2598.63	BARFFV NC
219	705611.38	2449294.37	2591.68	BARFFV 887
220	705611.47	2449274.38	2591.29	BARFFV 887
221	706146.09	2449299.54	2590.66	BARFFV ILLEG
222	706145.78	2449279.76	2592.07	BARFHF 887
223	706521.15	2449303.08	2590.79	BARFFV NC
224	706807.01	2449295.01	2595.62	BARFHF 7881
400	705960.82	2449352.89	2590.92	BARFHF 2824 CHANGE PT



Revisions:

• S I G N A T U R E S •

Design By: J. Thornton

Date: 1/2024

Drawn By: A. Corley

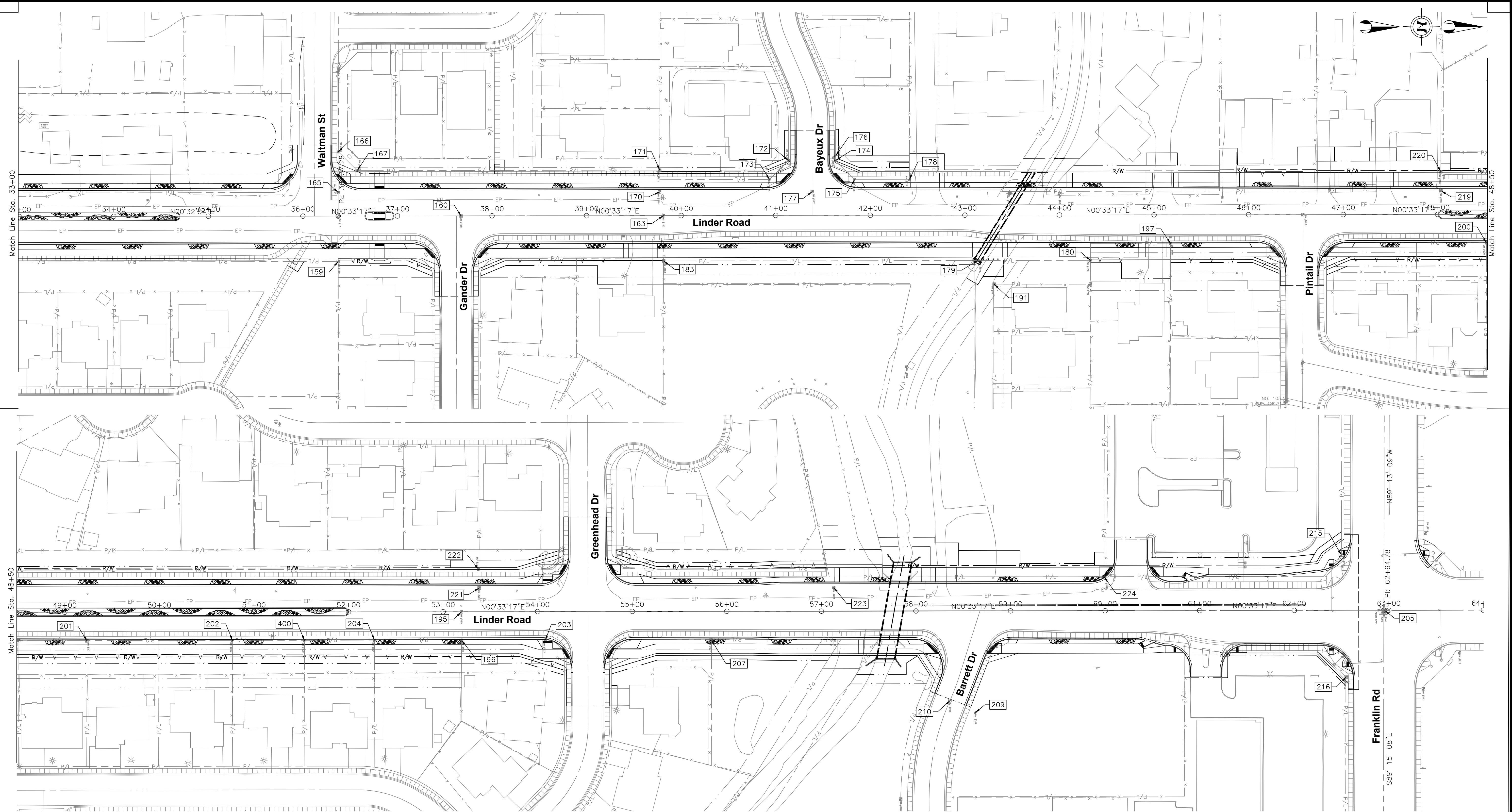
Date: 1/2024

• D E T A I L T I T L E •  
**CONTROL MAP NO. 1**

**KELLER ASSOCIATES**



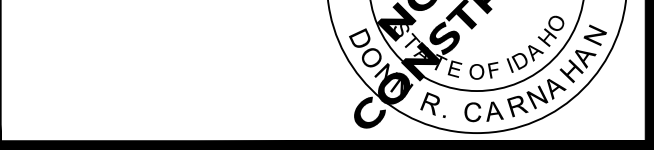
J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\SURVEY CONTROL.DWG LAST SAVED: 5/28/2024 4:25 PM PRINTED: 6/27/2024 10:53 AM



Revisions:	• S I G N A T U R E S •		
	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley

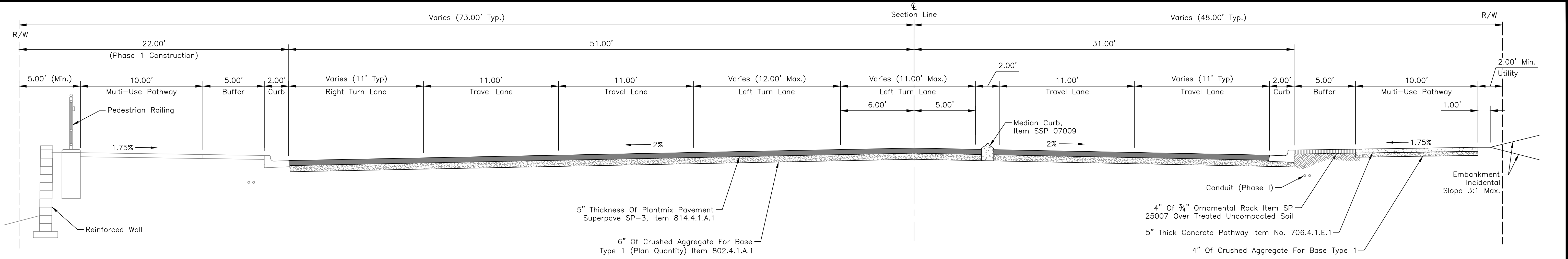
• D E T A I L T I T L E •	
<b>CONTROL MAP NO. 2</b>	

• S I G N A T U R E S •	
	Date: 1/2024

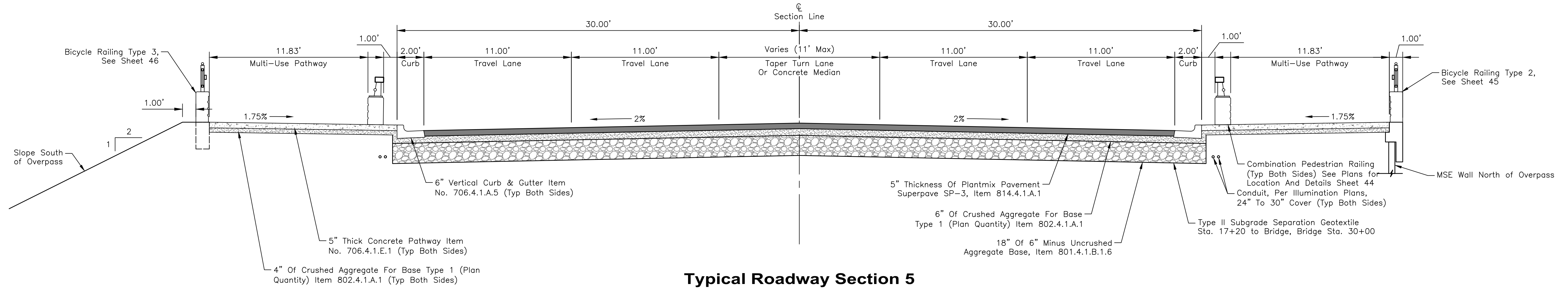




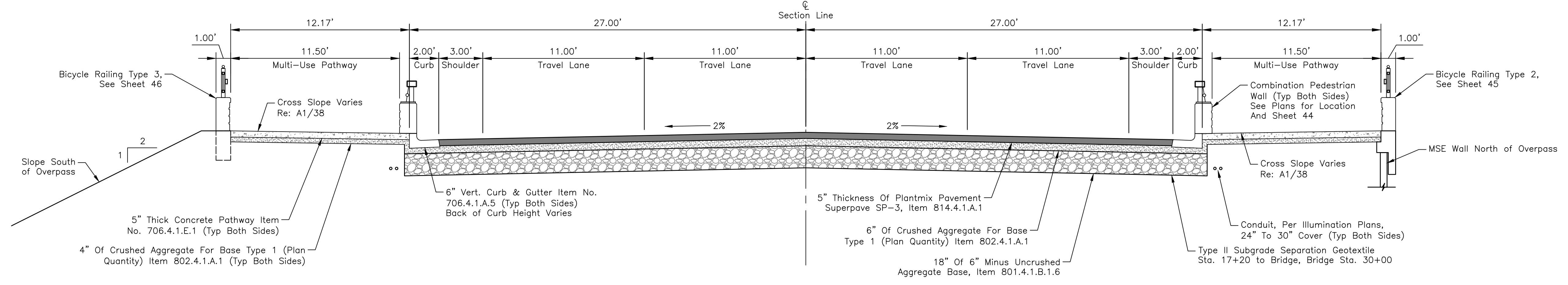
LAST SAVED: 6/26/2024 4:22 PM PRINTED: 6/27/2024 1:59 PM J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\CAD\3 DESIGN\PLANS BID 2\TYPICAL SECTIONS 2 OF 4.DWG



**Typical Roadway Section 4**  
Sta. 14+80.71 To Sta. 17+00.00



**Typical Roadway Section 5**  
Sta. 17+00.00 To 20+61.00  
Sta. 23+39.00 To 29+45.85



**Typical Roadway Section 6**  
Sta. 20+61.00 To 20+81.00 (Begin Bridge)  
Sta. 23+19.00 (End Bridge) To 23+39.00

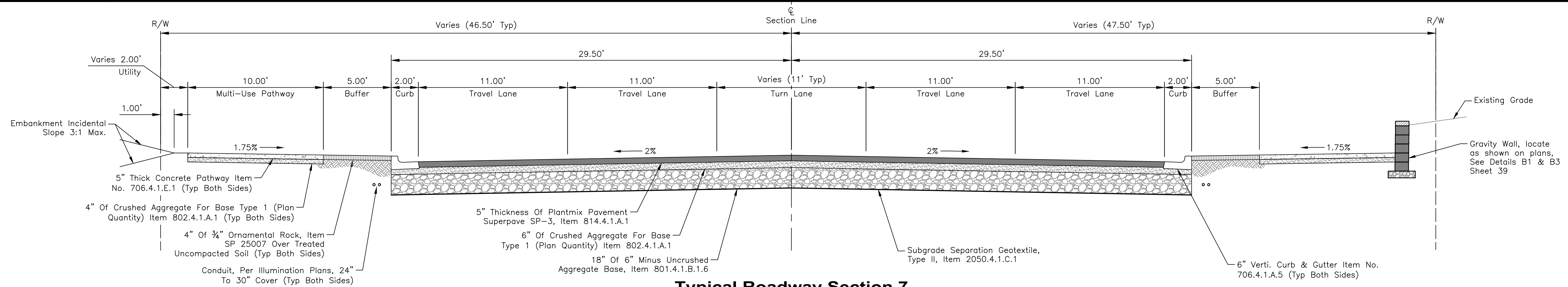
Revisions:	• S I G N A T U R E S •		
	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley
		Date: 1/2024	

• D E T A I L T I T L E •

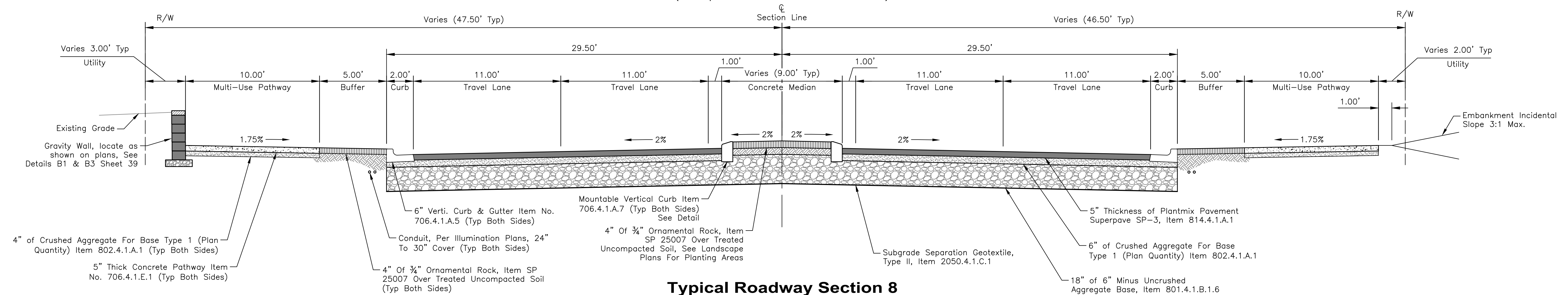
**TYPICAL SECTIONS**



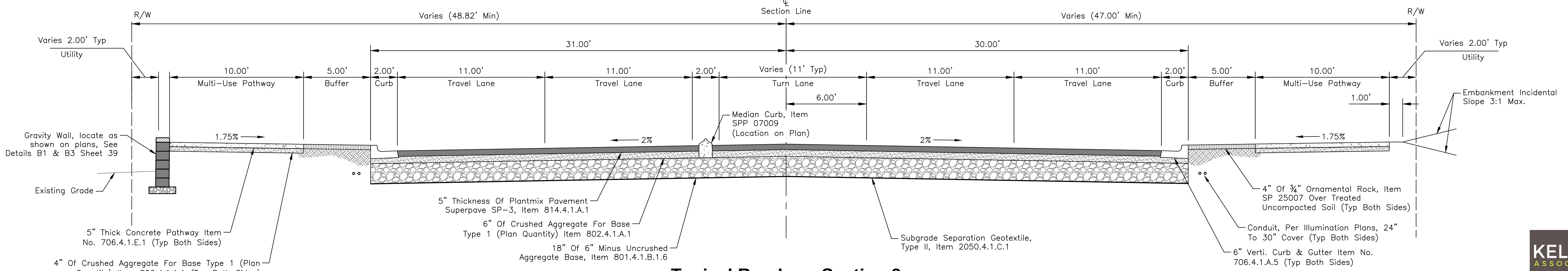
J:\222104 LINDER RD. OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3 DESIGN\PLANS BID 2\TYPICAL SECTIONS 3 OF 4.DWG LAST SAVED: 6/26/2024 4:27 PM PRINTED: 6/27/2024 1:59 PM



**Typical Roadway Section 7**  
Sta. 29+45.85 To Sta. 56+56.85  
(Except As Shown in Section 8)



**Typical Roadway Section 8**  
Sta. 27+19.52 To Sta. 28+59.02  
Sta. 31+76.98 To Sta. 34+70.00  
Sta. 36+65.48 To Sta. 36+74.98  
Sta. 36+86.98 To Sta. 36+96.48  
Sta. 48+00.00 To Sta. 52+00.00



**Typical Roadway Section 9**  
Sta. 56+56.85 To Sta. 60+64.70

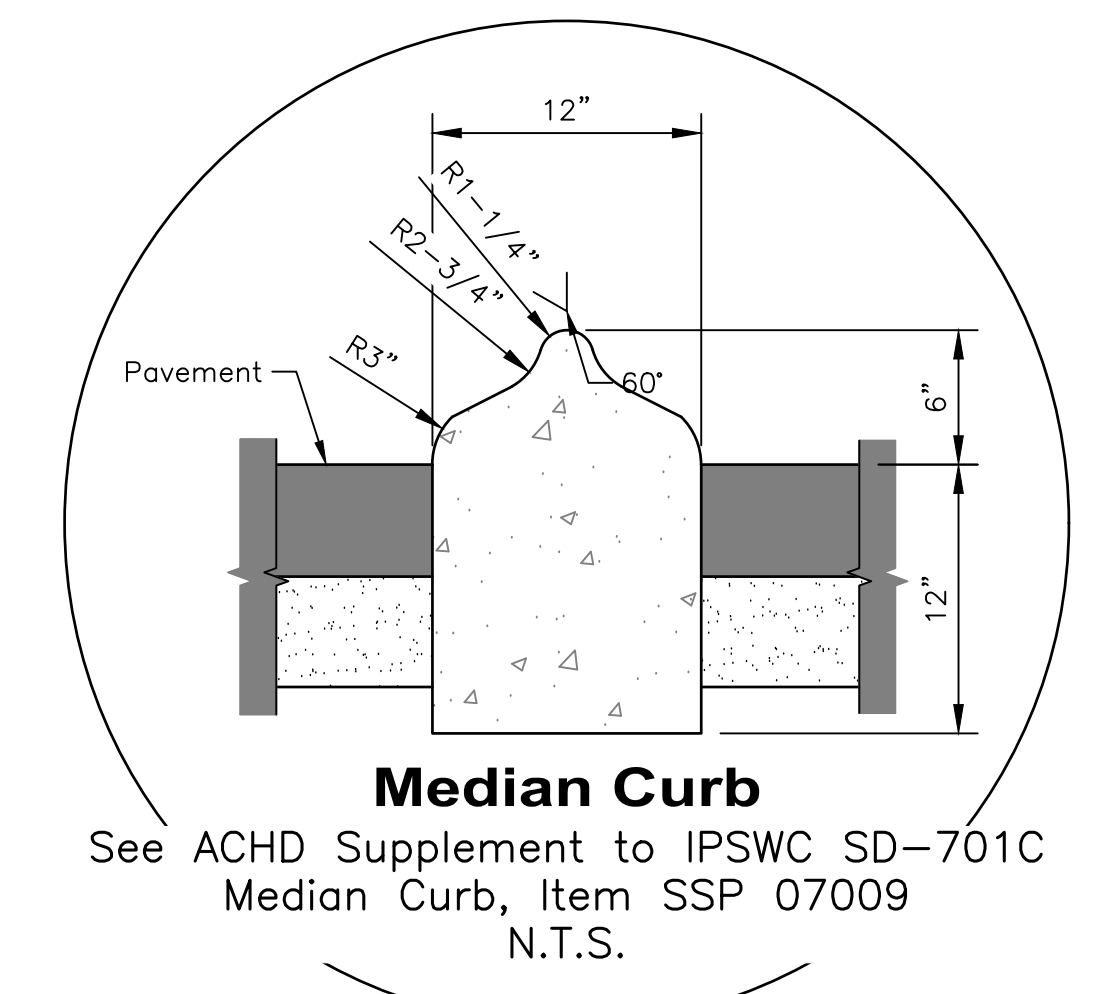
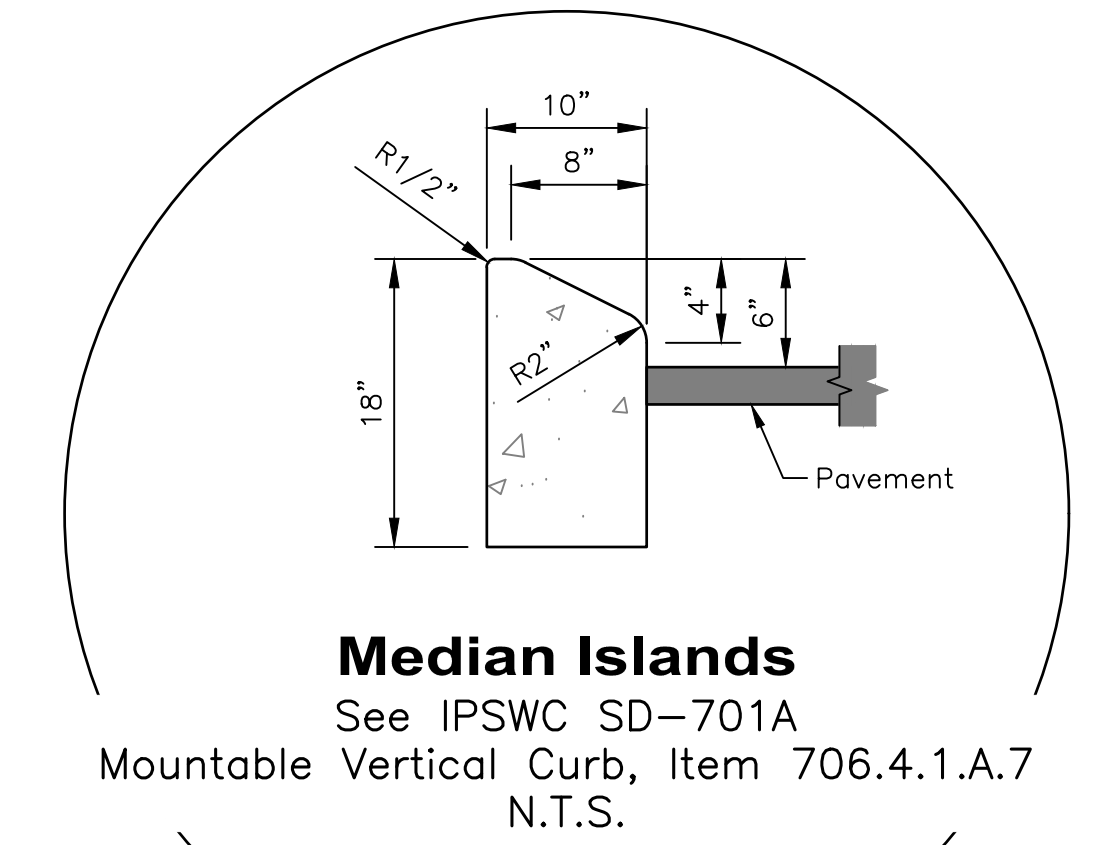
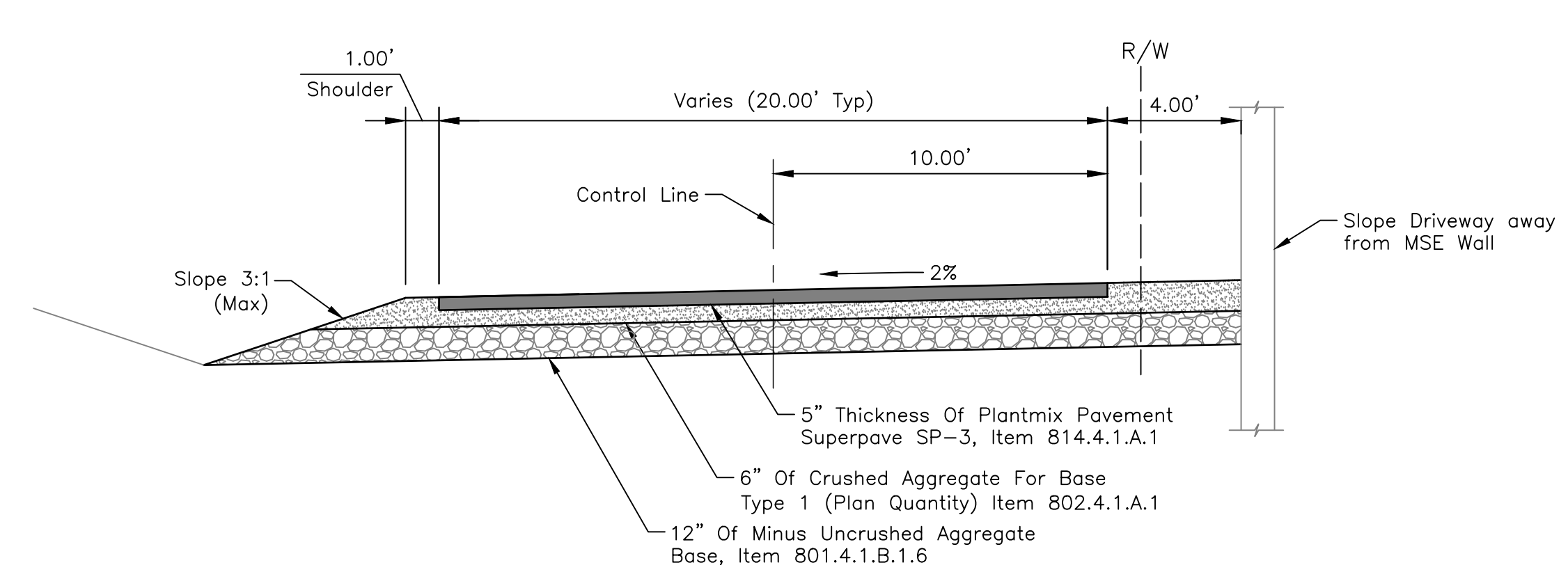
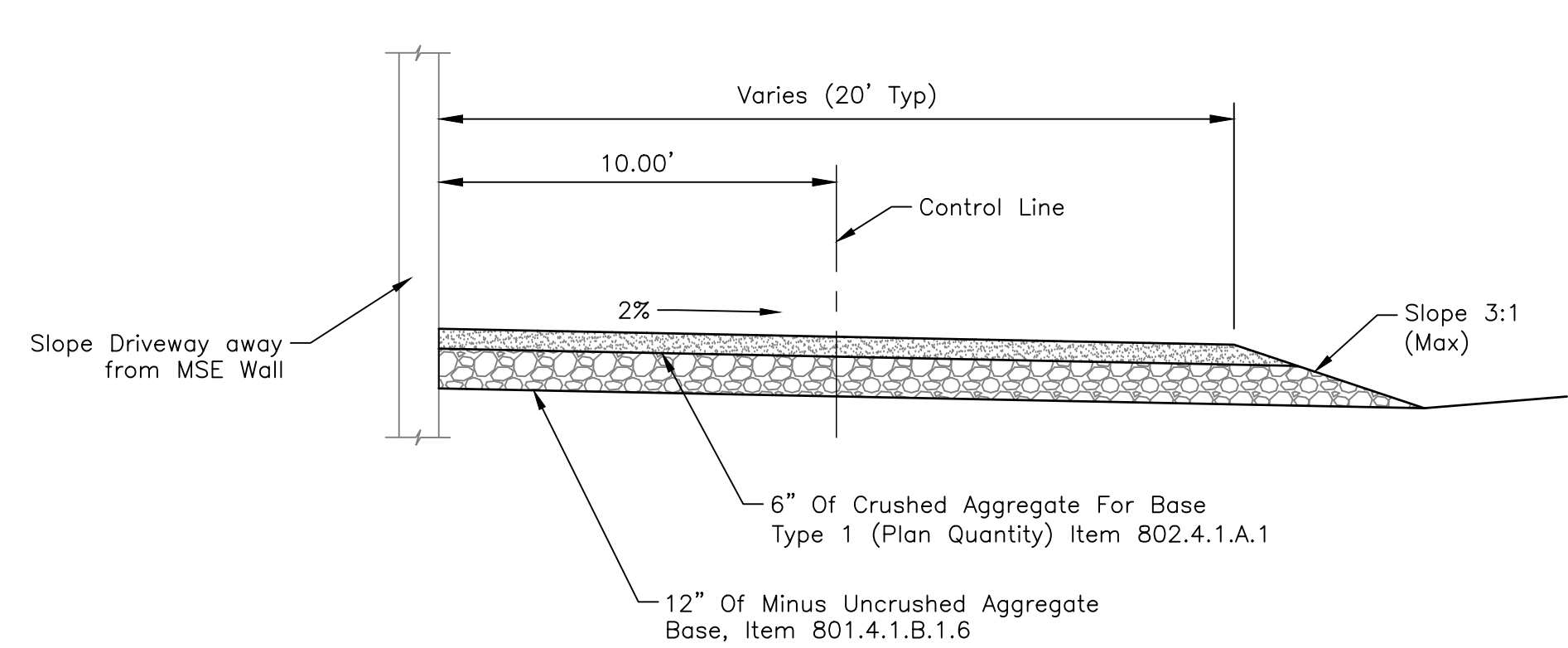
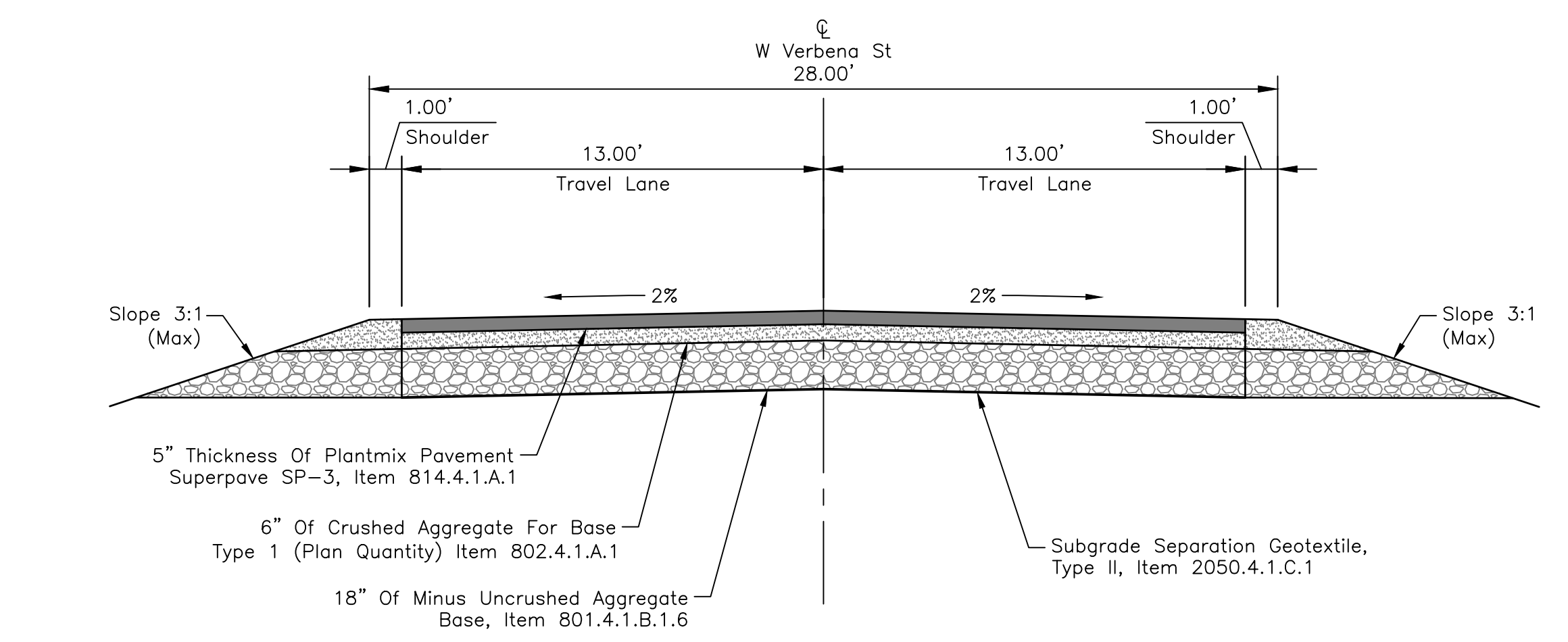
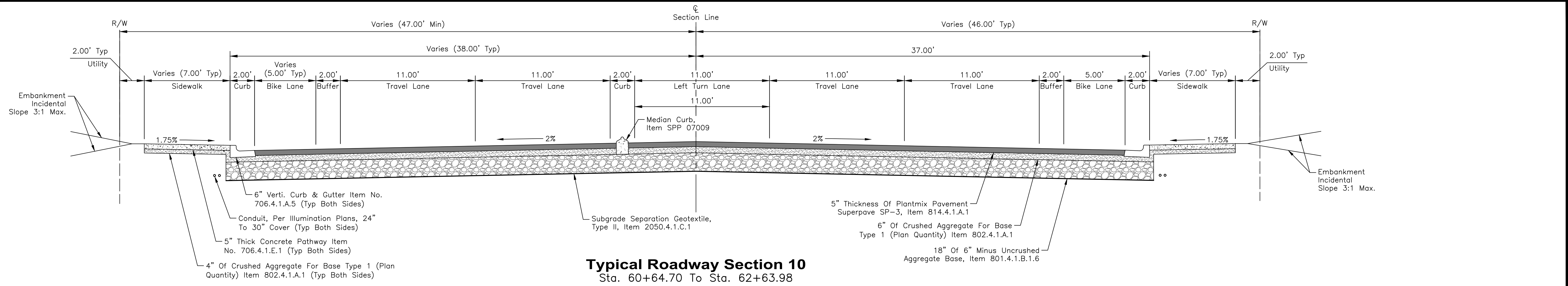
Revisions:	• S I G N A T U R E S •		
Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 1/2024

• D E T A I L T I T L E •

**TYPICAL SECTIONS**



LAST SAVED: 5/28/2024 3:55 PM PRINTED: 6/27/2024 1:59 PM  
J:\222104 UNDER RD TO FRANKLIN RD\C\_DESN\CAD\3 DESIGN\PLANS BID 2\TYPICAL SECTIONS 4 OF 4.DWG



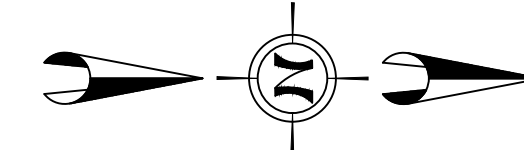
Revisions:	• S I G N A T U R E S •		
	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley

• D E T A I L T I T L E •			
<b>TYPICAL SECTIONS</b>			

• D E T A I L T I T L E •			
<b>TYPICAL SECTIONS</b>			

**KELLER ASSOCIATES**

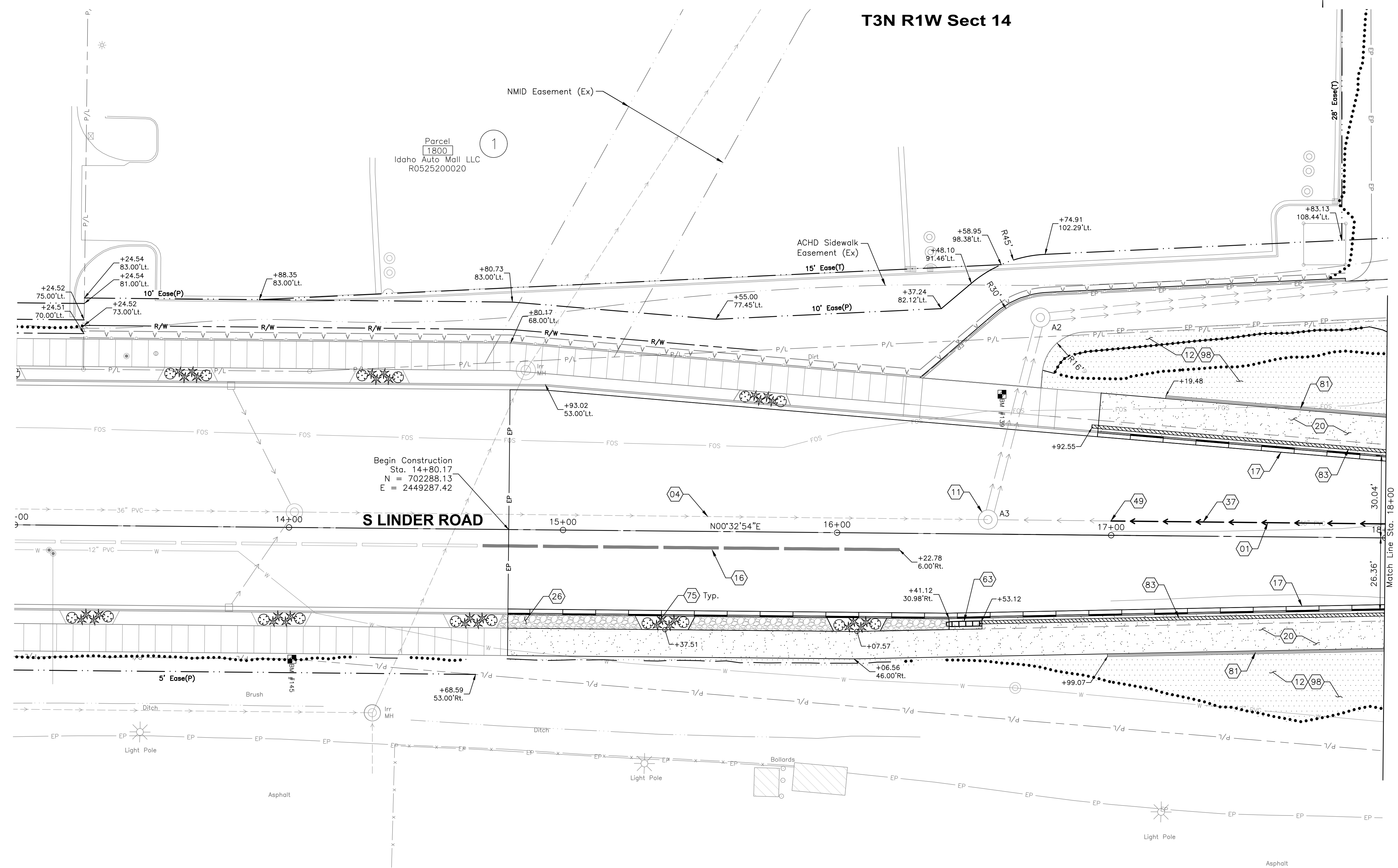
PROFESSIONAL ENGINEER  
REGISTERED IN THE STATE OF IDAHO  
R. CARNALIAN



# NOTES

- (01) Removal of Obstructions, Item 201.4.1.C.1
- (04) Retain & Protect
- (11) Adjust Manhole To Grade, Item 2030.4.1.A.1
- (12) 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- (16) Median Curb, 20' Sections with 2' Gaps, Location Callouts To Center Of Curb, Item SSP 07009
- (17) Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- (20) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (26) 3/4" Crushed Ornamental Rock, Item SP 25007
- (37) 12" PVC - C900, Item 601.4.1.A.05.12A
- (49) Connect New Pipe to Existing Pipe, Incidental
- (63) QuadGuard M10 Crash Cushion, Install Per Manufacturer's Recommendations
- (75) Landscape Areas, See Landscape Plans And Details A1 & A3 Sheet 39
- (81) Bicycle Railing Type 3, See Sheet 46, Item SP 20109
- (83) Combination Pedestrian Wall, See Sheet 44, Item SSP 20105.A
- (98) Hydro Seeding As Required, Item SSP 29060

## T3N R1W Sect 14



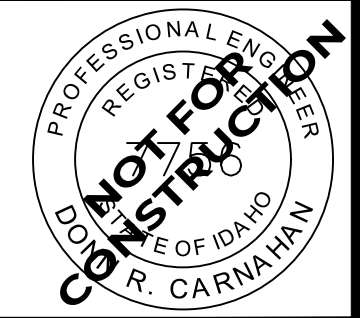
Parcel 1800  
Idaho Auto Mall LLC  
R0525200020

Begin Construction  
Sta. 14+80.17  
N = 702288.13  
E = 2449287.42

Parcel 1580  
Stephen L Craig  
R5135350020

### BENCH MARKS:

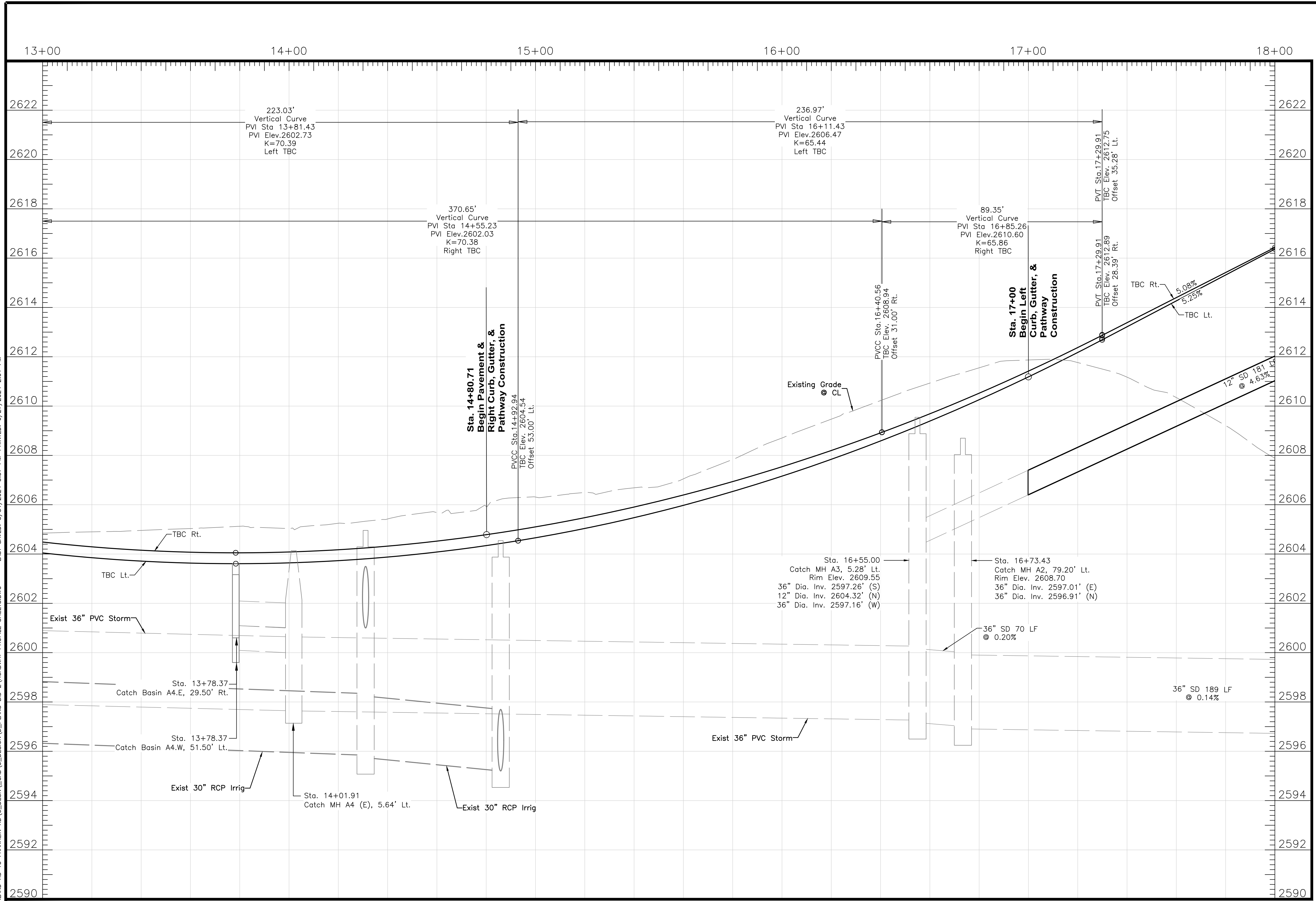
■ BM #145 - 1/2" Iron Rod 4116  
Sta. 14+01.53, 48.1' Rt.  
N: 702209.03  
E: 2449334.75  
Elev: 2603.93



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\_3\_DESIGN\PLANS BID 2\ROADWAY PLAN SHEETS.DWG LAST SAVED: 5/30/2024 4:40 PM PRINTED: -----

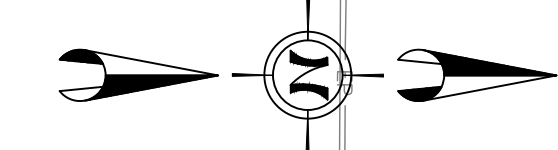
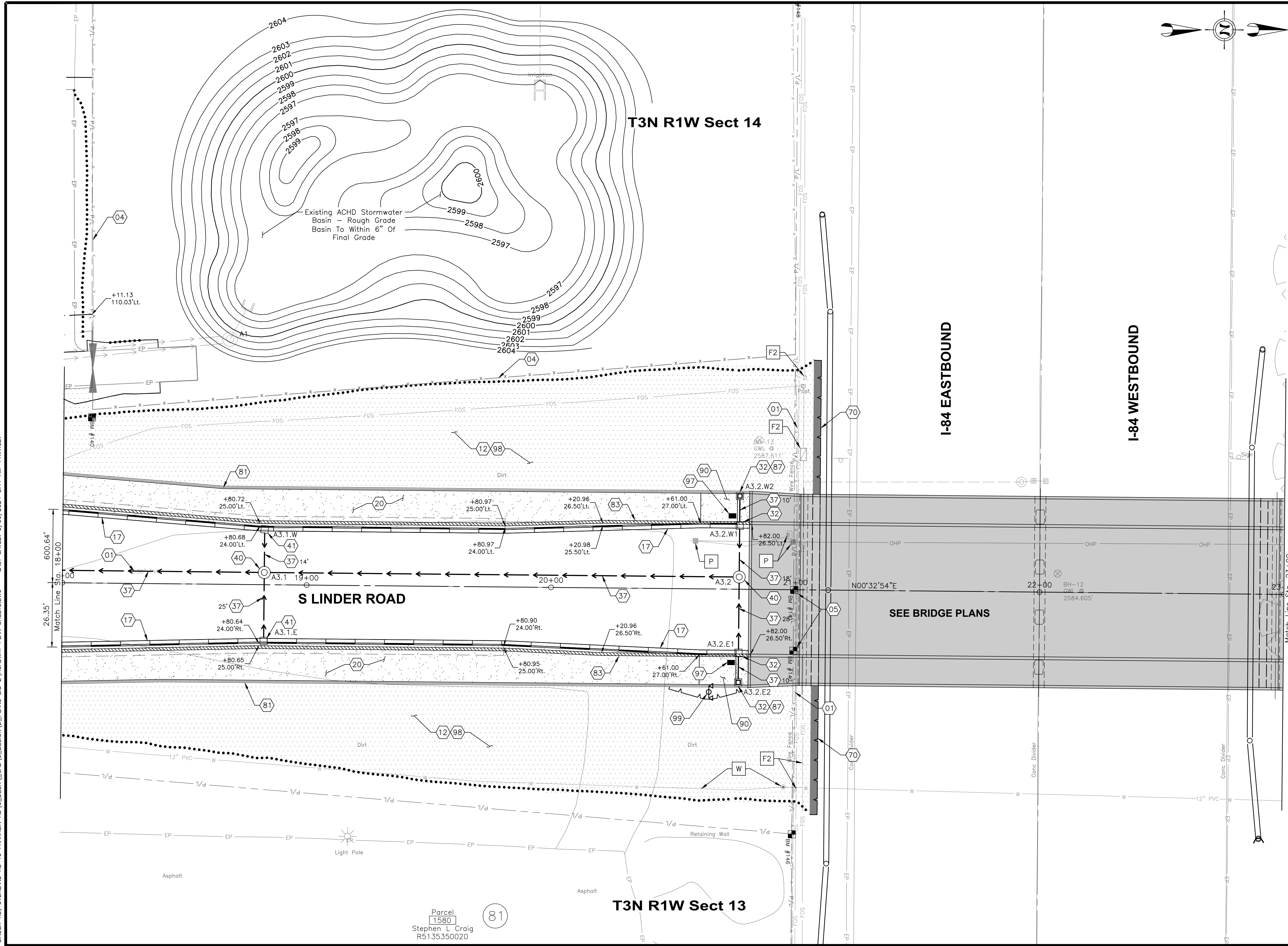
Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\CAD\3\_DESIGN\PLANS BID 2\ROADWAY PROFILE SHEETS.DWG  
 LAST SAVED: 5/31/2024 3:57 PM PRINTED: 6/27/2024 2:01 PM



Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\_3\_DESIGN\PLANS BID 2\ROADWAY PLAN SHEETS.DWG LAST SAVED: 5/30/2024 8:41 AM PRINTED: -----



# NOTES

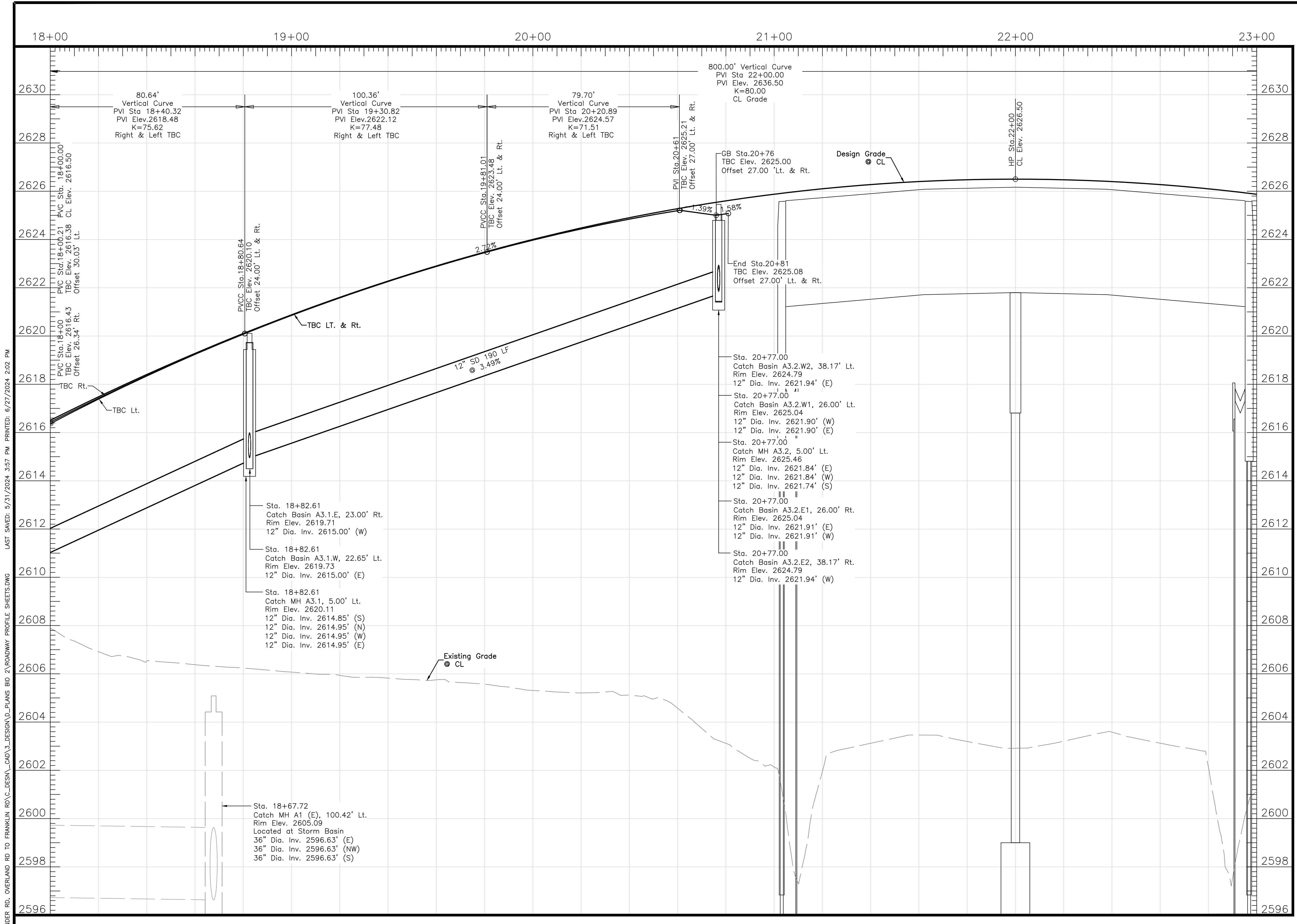
- (01) Removal of Obstructions, Item 201.4.1.C.1
- (04) Retain & Protect
- (05) Reference and Reset Monuments, Item 2020.4.1.F.1
- (12) 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- (17) Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- (20) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (32) Inlet Catch Basin Type III, Item 602.4.1.G.1
- (37) 12" PVC - C900, Item 601.4.1.A.05.12A
- (40) 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.048
- (41) Catch Basin - Type I, Item 602.4.1.F.1
- (70) Retaining Wall, See Bridge Plans
- (81) Bicycle Railing Type 3, See Sheet 46, Item SP 20109
- (83) Combination Pedestrian Wall, See Sheet 44, Item SSP 20105.A
- (87) ADA Compliant Grating Or Manhole Cover
- (90) Multi-Use Pathway to Bridge Approach Transition Detail, See Detail A1 Sheet 38 (Incidental)
- (97) Conduit Junction Box
- (98) Hydro Seeding As Required, Item SSP 29060
- (99) ITD Camera Pole; SP CCTV Camera Pole And Lowering System, See Sheet 40 And S901-05A In Specifications

## BENCH MARKS:

■ BM #146 - 1/2" Iron Rod  
 Sta. 5+86.65, 51.0' Rt.  
 N: 702906.51  
 E: 2449393.48  
 Elev: 2601.61



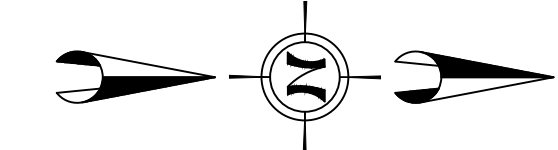
Revisions: \_\_\_\_\_ Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 01/2024 Survey By: A. Hafen Date: 09/2022



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\DWG\2\ROADWAY PROFILE SHEETS.DWG  
 LAST SAVED: 5/31/2024 3:57 PM PRINTED: 6/27/2024 2:02 PM



Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------



# NOTES

- 01 Removal of Obstructions, Item 201.4.1.C.1
- 02 Remove Tree (6"+), Item SSP 29093
- 03 Trim Tree, Item SSP 29090
- 04 Retain & Protect
- 05 Reference and Reset Monuments, Item 2020.4.1.F.1
- 06 Remove Fence
- 07 Remove & Reset Mailbox, Item SSP 25080
- 08 Remove & Reset Sprinkler System, Item SSP 29101
- 09 Remove & Salvage Roadside Sign, Item 1135.01.06
- 10 Sod Repair, Item SSP 29064
- 12 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- 15 Mountable Vertical Curb (No Gutter), Item 706.4.1.A.3
- 17 Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 20 Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- 26 3/4" Crushed Ornamental Rock, Item SP 25007
- 32 Inlet Catch Basin Type III, Item 602.4.1.G.1
- 33 MSE Retaining Wall and Fence, See Retaining Wall Plans Sheets 40, 41, & 42, Item SSP 20114
- 37 12" PVC - C900, Item 601.4.1.A.05.12A
- 40 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.048
- 41 Catch Basin - Type I, Item 602.4.1.F.1
- 46 Adjust Monitoring Well To Grade, Item SSP 29112
- 48 Connect New Pipe to Existing Structure, Incidental To Item 601.4.1.A.05.12A
- 50 12" Dia. Gravity Irrigation Slide & Gate Type C-8, Item 602.4.1.K.1.12B
- 52 Standard Irrigation Box - Size 4'x4' O.D., Item 602.4.1.M.1.B
- 53 12" RCP, Irrigation Pipe, Item 601.4.1.A.01.12A
- 66 Gravel Driveway - Irrigation Pump Station Access; See Sheets 35 & 36 and Typical Roadway Section 12 Sheet 11
- 68 Paved Access Road - Residential; See Sheet 37 and Typical Roadway Section 14 Sheet 11
- 73 GSI Topsoil, Item SP 25050.1
- 75 Landscape Areas, See Landscape Plans And Details A1 & A3 Sheet 39
- 80 Bicycle Railing Type 2, See Sheet 44, Item SP 20109
- 83 Combination Pedestrian Wall, See Sheet 43, Item SSP 20105.A
- 86 Remove & Reset Chainlink Fence To Be Removed By Contractor Post Construction
- 87 ADA Compliant Grating Or Manhole Cover
- 90 Multi-Use Pathway to Bridge Approach Transition Detail, See Detail A1 Sheet 38 (Incidental)
- 97 Conduit Junction Box
- 98 Hydro Seeding As Required, Item SSP 29060

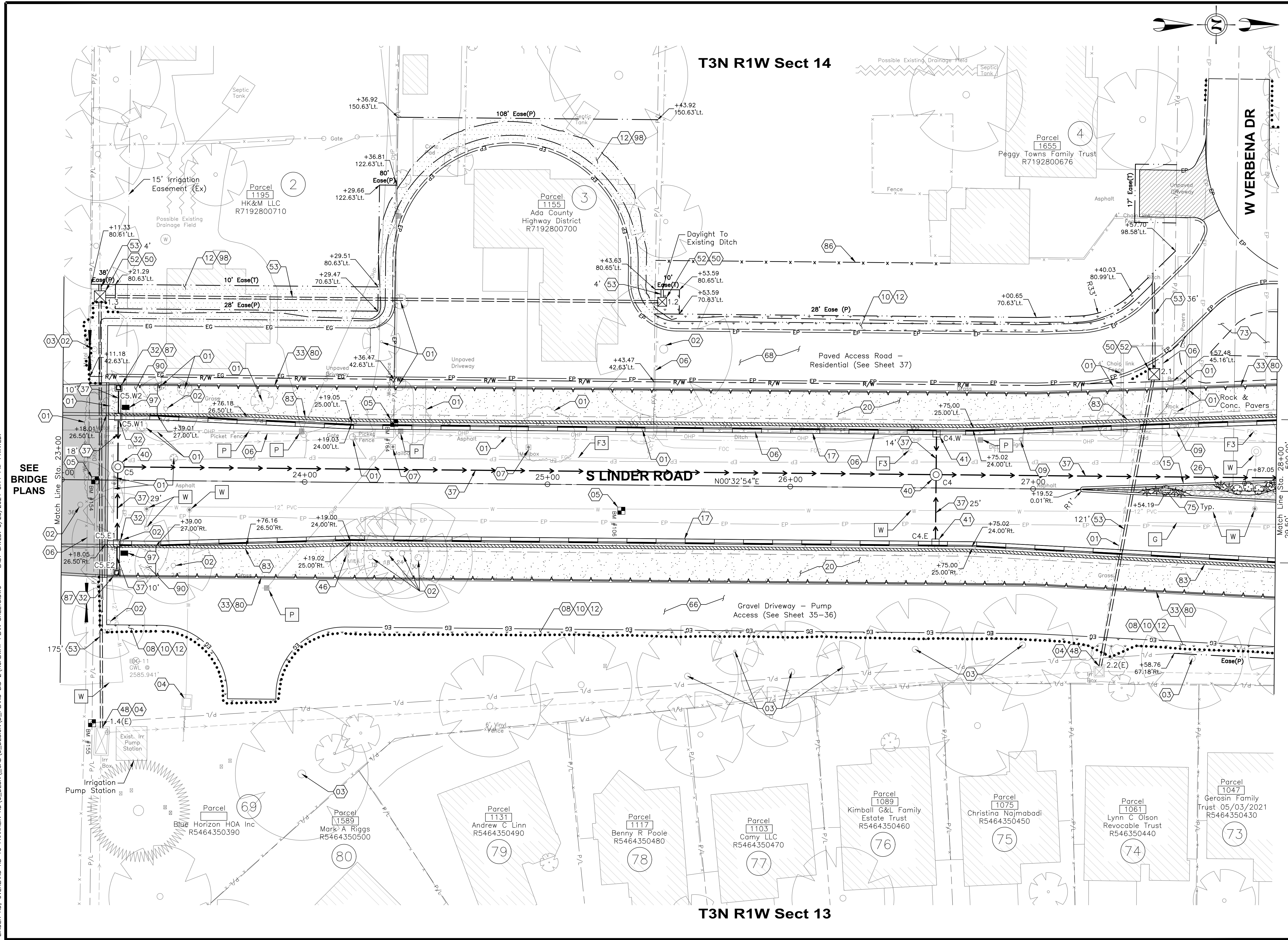
## BENCH MARKS:

- BM #155 - 5/8" Iron Rod 4431  
Sta. 23+13.38, 100.2' Rt.  
N: 703120.34  
E: 2449395.61  
Elev: 2600.60



### T3N R1W Sect 14

### T3N R1W Sect 13



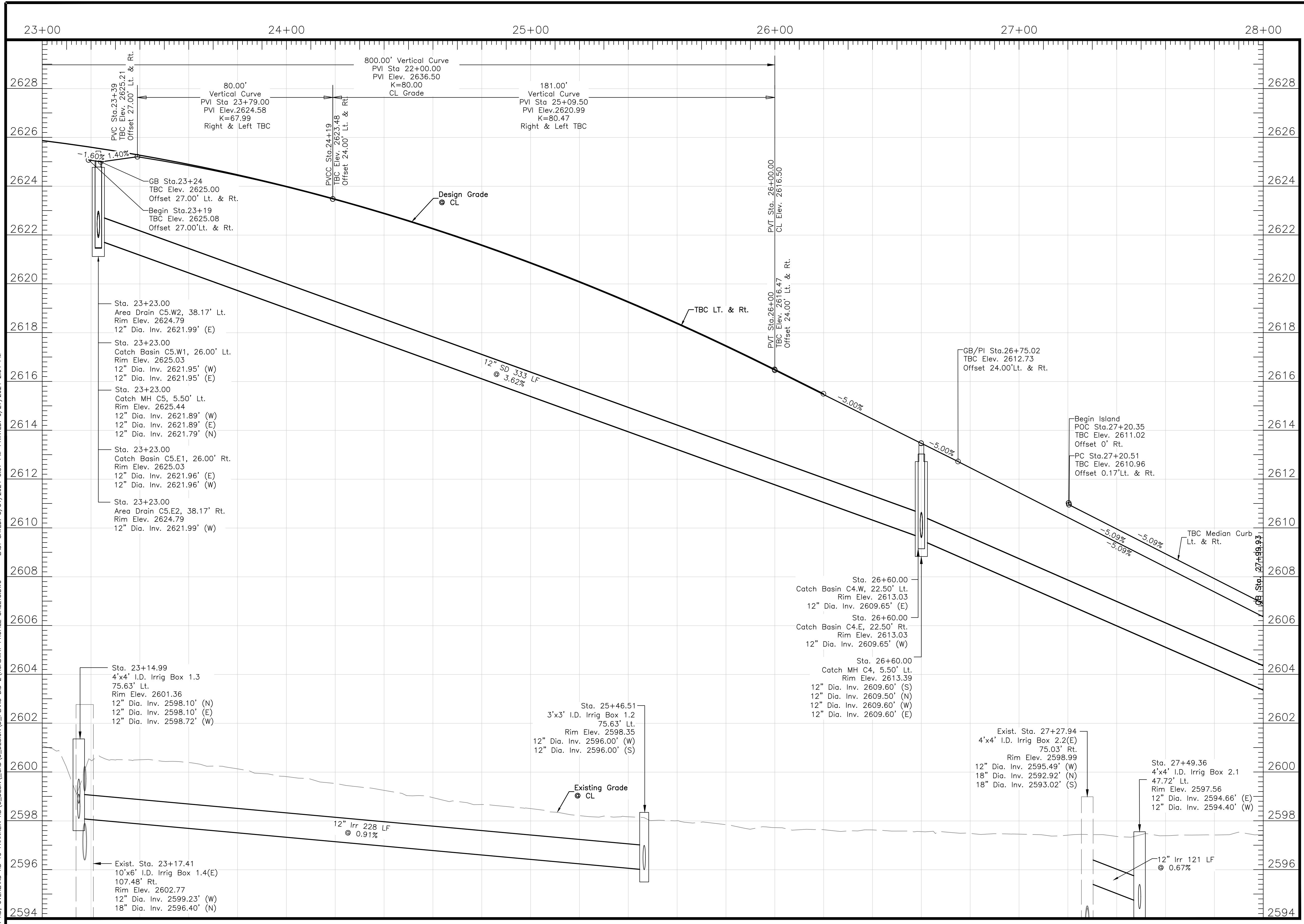
SEE BRIDGE PLANS

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\PLANS BID 2\ROADWAY PLAN SHEETS.DWG LAST SAVED: 5/28/2024 5:11 PM PRINTED: -----

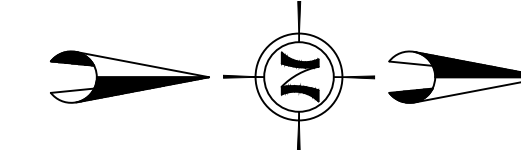
Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\ROADWAY PROFILE SHEETS.DWG LAST SAVED: 5/31/2024 3:57 PM PRINTED: 6/27/2024 2:04 PM



Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

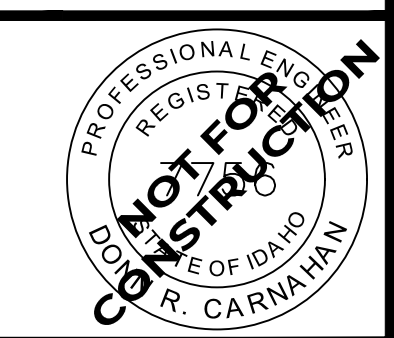
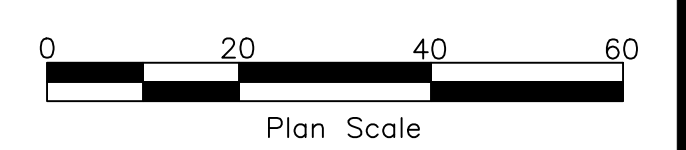


# NOTES

- (01) Removal of Obstructions, Item 201.4.1.C.1
- (02) Remove Tree (6"+), Item SSP 29093
- (03) Trim Tree, Item SSP 29090
- (04) Retain & Protect
- (05) Reference and Reset Monuments, Item 2020.4.1.F.1
- (06) Remove Fence
- (08) Remove & Reset Sprinkler System, Item SSP 29101
- (09) Remove & Salvage Roadside Sign, Item 1135.01.06
- (10) Sod Repair, Item SSP 29064
- (12) 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- (14) Sawcut Incidental To Project, Incidental To Item 814.4.1.A.1
- (15) Mountable Vertical Curb (No Gutter), Item 706.4.1.A.3
- (17) Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- (18) 3-Inch Rolled Curb & Gutter, Item 706.4.1.A.1
- (20) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (21) Transition From 6" Vertical Curb to 3" Rolled Curb
- (22) Concrete Driveway Approach, Item 706.4.1.F.1
- (24) Pedestrian Ramp w/Detectable Warning Domes, Type C, Item 706.4.1.H.1.C.C3
- (25) Pedestrian Ramp w/Detectable Warning Domes, Type G, Item 706.4.1.H.1.G.G
- (26) 3/4" Crushed Ornamental Rock, Item SP 25007
- (33) MSE Retaining Wall and Fence, See Retaining Wall Plans Sheets 40, 41, & 42, Item SSP 20114
- (37) 12" PVC - C900, Item 601.4.1.A.05.12A
- (40) 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.048
- (41) Catch Basin - Type I, Item 602.4.1.F.1
- (48) Connect New Pipe to Existing Structure, Incidental To Item 601.4.1.A.05.12A
- (50) 12" Dia. Gravity Irrigation Slide & Gate Type C-8, Item 602.4.1.K.1.12B
- (52) Standard Irrigation Box - Size 4'x4' O.D., Item 602.4.1.M.1.B
- (53) 12" RCP, Irrigation Pipe, Item 601.4.1.A.01.12A
- (63) QuadGuard M10 Crash Cushion, Install Per Manufacturer's Recommendations
- (65) Advanced School Zone Warning, Combination Signal & Luminaire Pole, See Signal Plans, Item 1131.01.01
- (66) Gravel Driveway - Irrigation Pump Station Access; See Sheets 35 & 36 and Typical Roadway Section 12 Sheet 11
- (73) GSI Topsoil, Item SP 25050.1
- (75) Landscape Areas, See Landscape Plans And Details A1 & A3 Sheet 39
- (80) Bicycle Railing Type 2, See Sheet 45, Item SP 20109
- (83) Combination Pedestrian Wall, See Sheet 44, Item SSP 20105.A
- (85) Pedestrian Ramp w/Detectable Warning Domes, Type H1, Item 706.4.1.H.1.H.H1

## BENCH MARKS:

- BM #156 - 5/8" Iron Rod No Cap  
Sta. 30+19.09, 48.0' Rt.  
N: 703826.60  
E: 2449350.16  
Elev: 2597.65



T3N R1W Sect 14

T3N R1W Sect 13

W VERBENA DR  
See Sheet 34

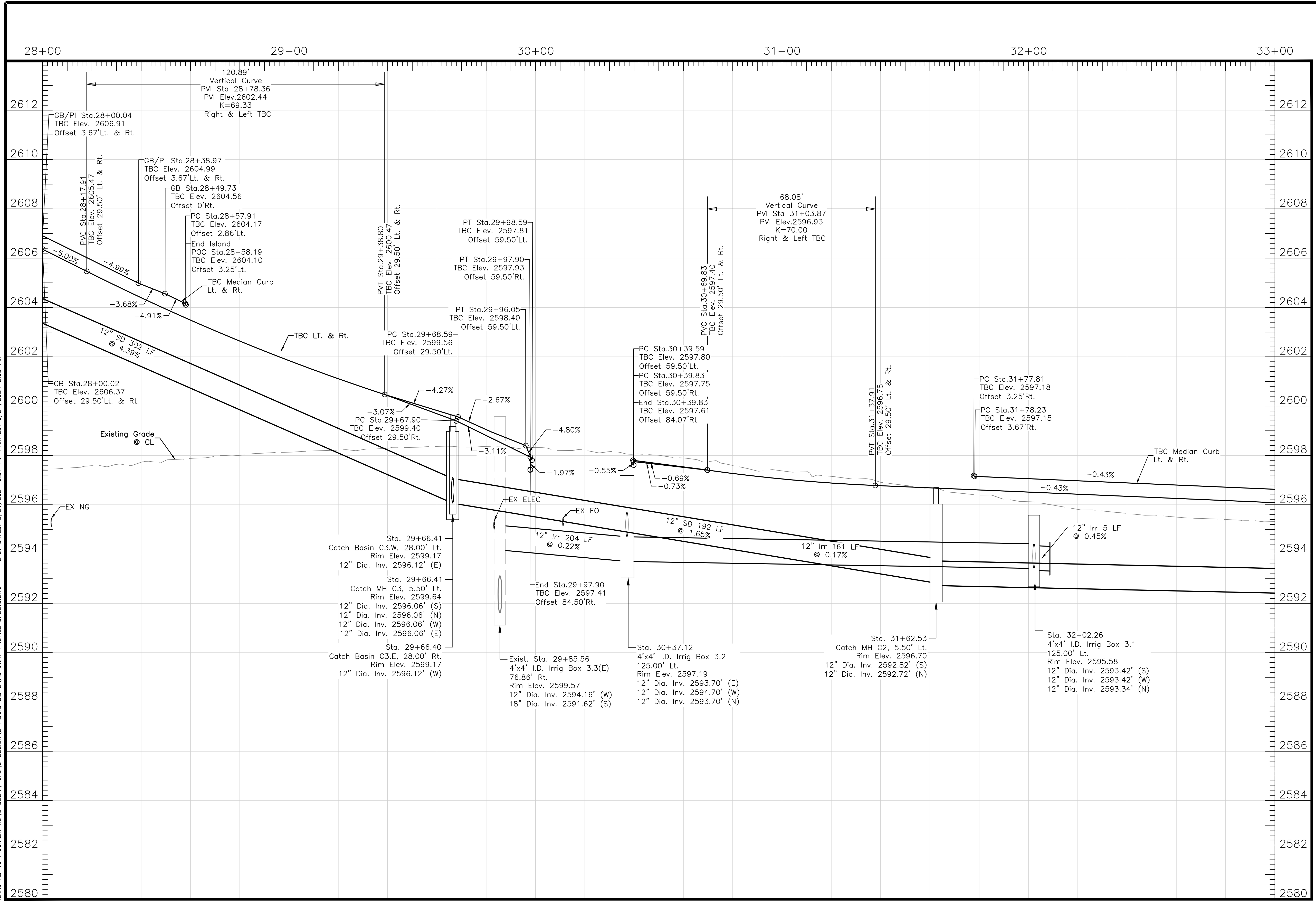
S LINDER ROAD

W VERBENA DR

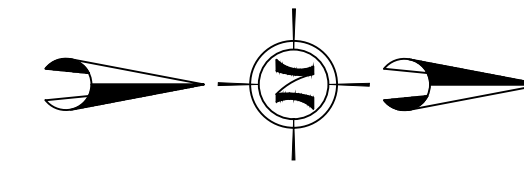
J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\PLANS BID 2\ROADWAY PLAN SHEETS.DWG LAST SAVED: 5/30/2024 8:58 AM PRINTED: -----

Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\3. DESIGN\PLANS BID 2\ROADWAY PROFILE SHEETS.DWG  
 LAST SAVED: 5/31/2024 3:57 PM PRINTED: 6/27/2024 2:05 PM



Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

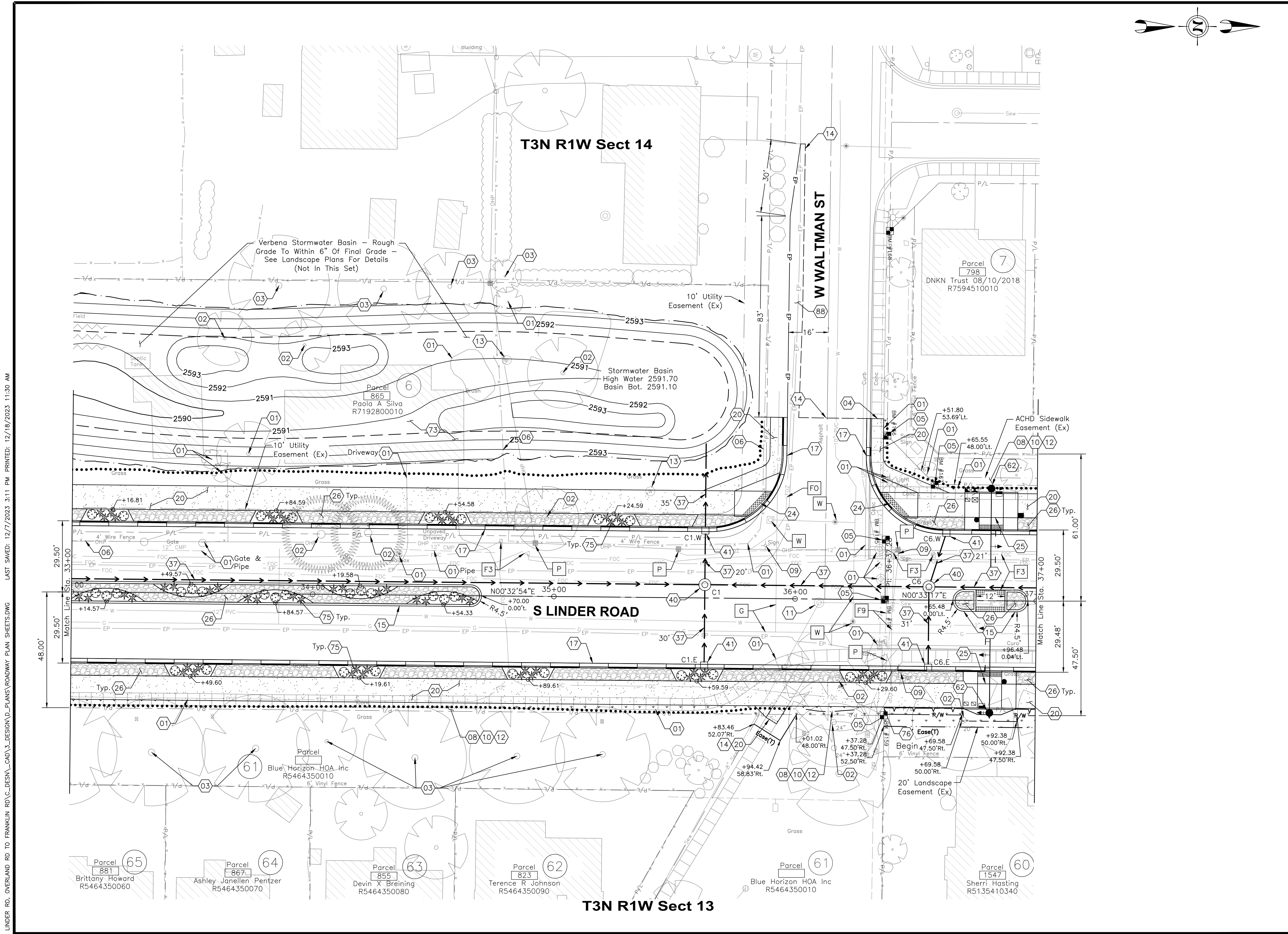


# NOTES

- (01) Removal of Obstructions, Item 201.4.1.C.1
- (02) Remove Tree (6"+), Item SSP 29093
- (03) Trim Tree, Item SSP 29090
- (04) Retain & Protect
- (05) Reference and Reset Monuments, Item 2020.4.1.F.1
- (06) Remove Fence
- (08) Remove & Reset Sprinkler System, Item SSP 29101
- (09) Remove & Salvage Roadside Sign, Item 1135.01.06
- (10) Sod Repair, Item SSP 29064
- (11) Adjust Manhole To Grade, Item 2030.4.1.A.1
- (12) 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- (13) Abandon Existing Domestic Well, Item SSP 06007
- (14) Sawcut Incidental To Project, Incidental To Item 814.4.1.A.1
- (15) Mountable Vertical Curb (No Gutter), Item 706.4.1.A.3
- (17) Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- (20) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (24) Pedestrian Ramp w/Detectable Warning Domes, Type C, Item 706.4.1.H.1.C.C.3
- (25) Pedestrian Ramp w/Detectable Warning Domes, Type G, Item 706.4.1.H.1.G.G
- (26) 3/4" Crushed Ornamental Rock, Item SP 25007
- (37) 12" PVC - C900, Item 601.4.1.A.05.12A
- (40) 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.048
- (41) Catch Basin - Type I, Item 602.4.1.F.1
- (62) Pedestrian Hybrid Beacon, See Signal Plans, Item 1131.01.01
- (73) GSI Topsoil, Item SP 25050.1
- (75) Landscape Areas, See Landscape Plans And Details A1 & A3 Sheet 39
- (76) Gravity Retaining Wall - Cut, See Detail A1 Sheet 39, Item SP 20113
- (88) Widen Roadway, Place 2.5" Of Plant Mix pavement SP-3, Over 6" Of Crushed Aggregate For Base Type 1 And 18" Of 6" Minus Uncrushed Aggregate Subbase

## BENCH MARKS:

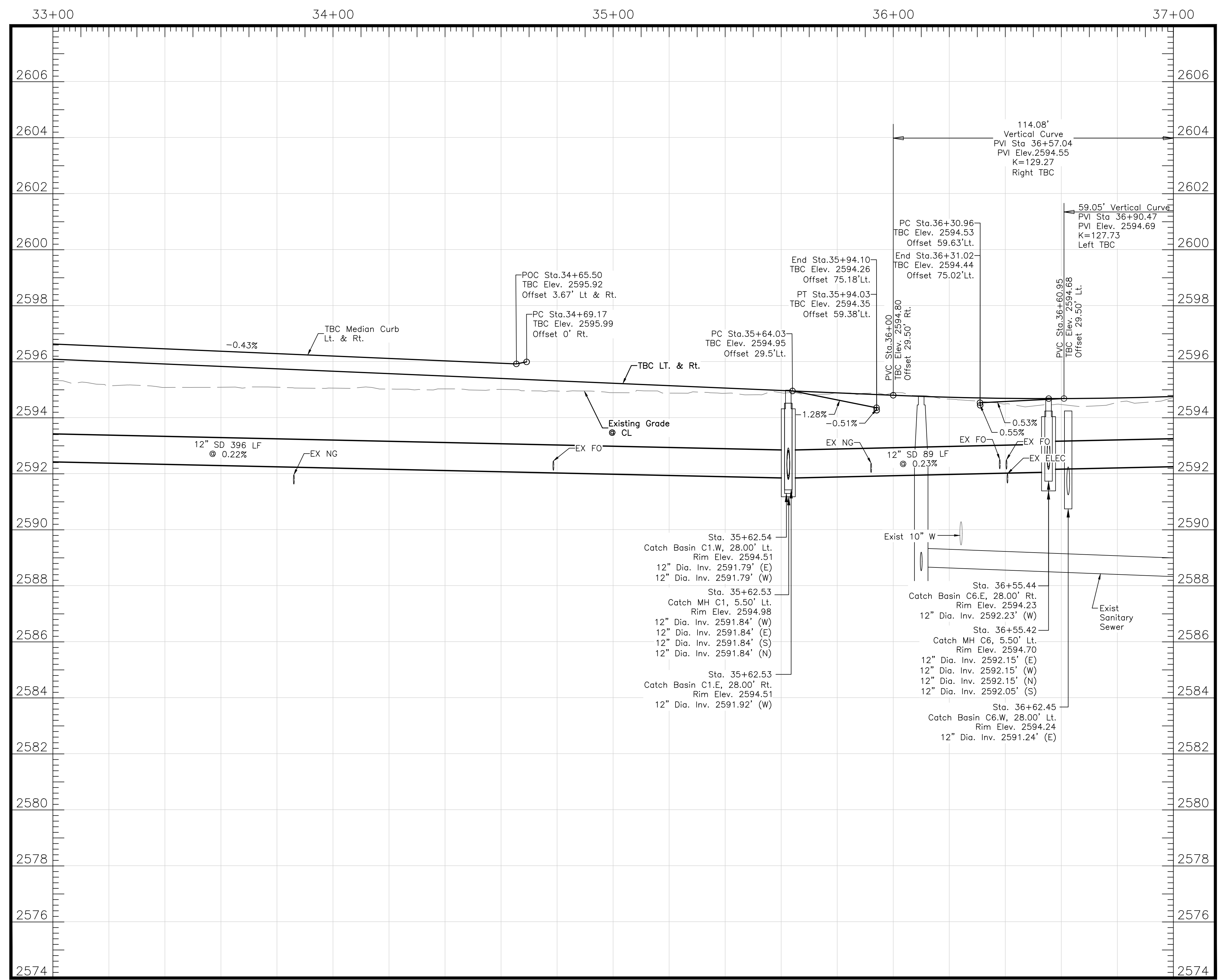
- BM #159 - 5/8" Iron Rod 4431  
Sta. 36+37.22, 48.0' Rt.  
N: 704444.62  
E: 2449356.01  
Elev: 2595.45
- BM #168 - 1/2" Iron Rod 11334  
Sta. 36+37.85, 152.9' Lt.  
N: 704447.19  
E: 2449155.17  
Elev: 2593.95



J:\222104 LINDER RD TO FRANKLIN RD\DESIGN\PLANS\ROADWAY PLAN SHEETS.DWG  
 LAST SAVED: 12/7/2023 3:11 PM PRINTED: 12/18/2023 11:30 AM

Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

J:\222104 UNDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\DWG\2\ROADWAY PROFILE SHEETS.DWG LAST SAVED: 5/31/2024 3:57 PM PRINTED: 6/27/2024 2:07 PM



Revisions: \_\_\_\_\_ Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 01/2024 Survey By: A. Hafen Date: 09/2022

T3N R1W Sect 14

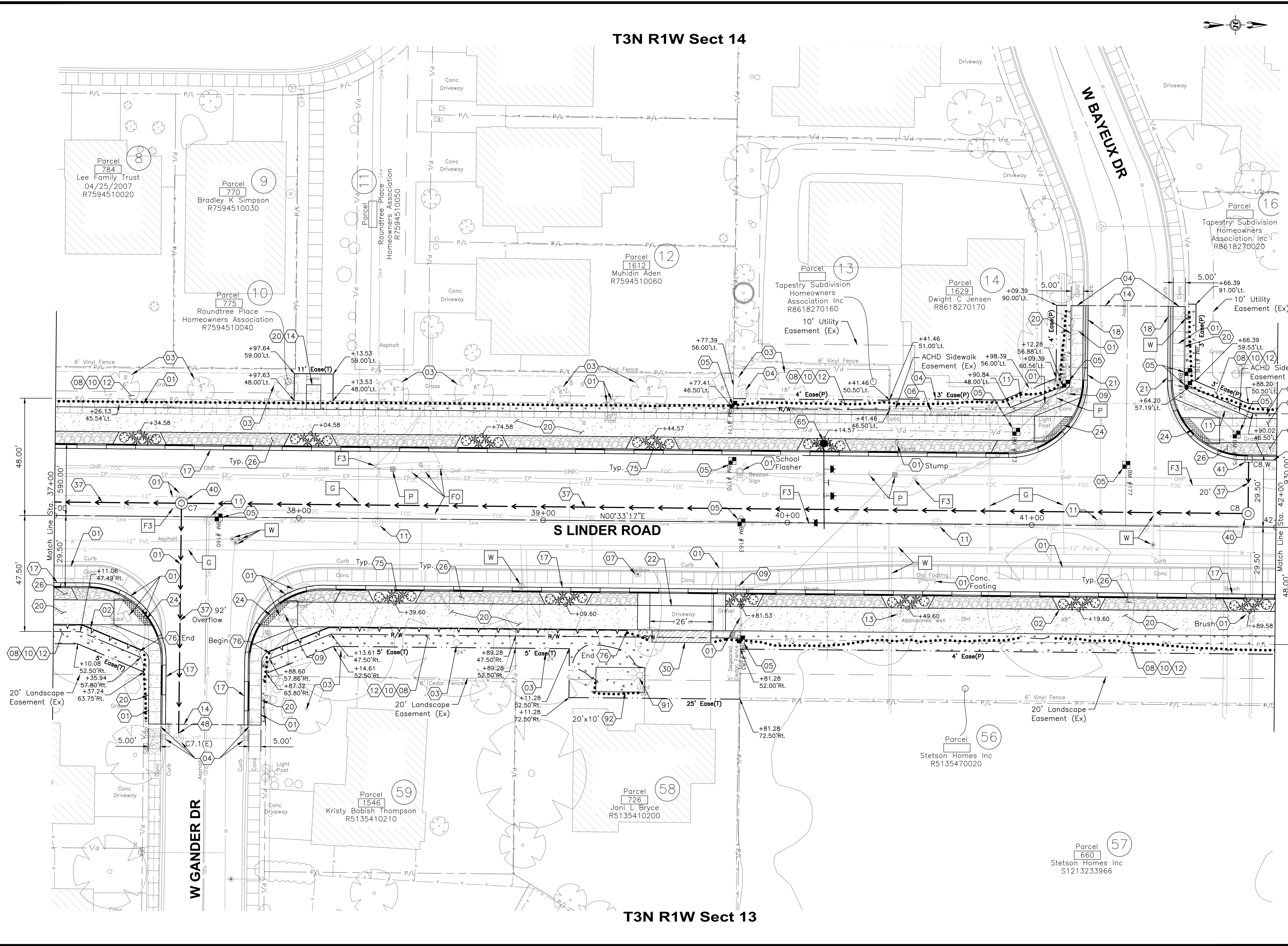
T3N R1W Sect 13

**NOTES**

- (01) Removal of Obstructions, Item 201.4.1.C.1
- (02) Remove Tree (6"+), Item SSP 29093
- (03) Trim Tree, Item SSP 29090
- (04) Retain & Protect
- (05) Reference and Reset Monuments, Item 2020.4.1.F.1
- (06) Remove Fence
- (07) Remove & Reset Mailbox, Item SSP 25080
- (08) Remove & Reset Sprinkler System, Item SSP 29101
- (09) Remove & Salvage Roadside Sign, Item 1135.01.06
- (10) Sod Repair, Item SSP 29064
- (11) Adjust Manhole To Grade, Item 2030.4.1.A.1
- (12) 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- (13) Abandon Existing Domestic Well, Item SSP 06007
- (14) Sawcut Incidental To Project, Incidental To Item 814.4.1.A.1
- (17) Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- (18) 3-Inch Rolled Curb & Gutter, Item 706.4.1.A.1
- (20) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (21) Transition From 6" Vertical Curb to 3" Rolled Curb
- (22) Concrete Driveway Approach, Item 706.4.1.F.1
- (24) Pedestrian Ramp w/Detectable Warning Domes, Type C, Item 706.4.1.H.1.C.C.3
- (26) 3/4" Crushed Ornamental Rock, Item SP 25007
- (30) Concrete Repair, Item 706.4.1.G.1
- (37) 12" PVC - C900, Item 601.4.1.A.05.12A
- (40) 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.048
- (41) Catch Basin - Type I, Item 602.4.1.F.1
- (48) Connect New Pipe to Existing Structure, Incidental To Item 601.4.1.A.05.12A
- (65) Advanced School Zone Warning, Combination Signal & Luminaire Pole, See Signal Plans, Item 1131.01.01
- (75) Landscape Areas, See Landscape Plans And Details A1 & A3 Sheet 39
- (76) Gravity Retaining Wall - Cut, See Detail A1 Sheet 39, Item SP 20113
- (91) Relocate Light Post, Incidental
- (92) Concrete Driveway Turnaround, Item 706.4.1.G.1

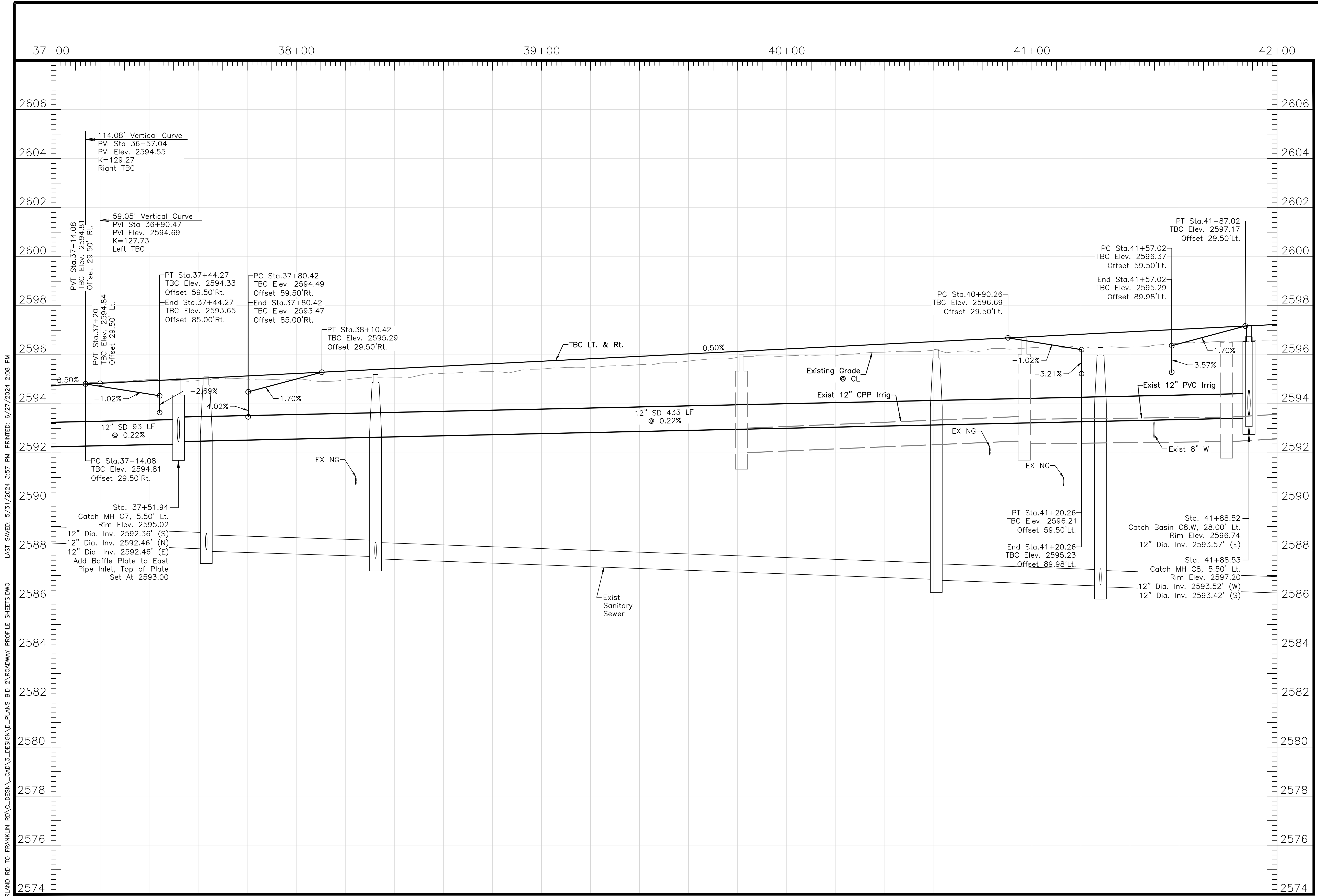
**BENCH MARKS:**

- BM #183 - 5/8" Iron Rod 11754  
Sta. 39+81.46, 48.0' Rt.  
N: 704788.84  
E: 2449359.43  
Elev: 2595.86



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS\ROADWAY PLAN SHEETS.DWG LAST SAVED: 12/17/2023 3:11 PM PRINTED: 12/18/2023 11:30 AM

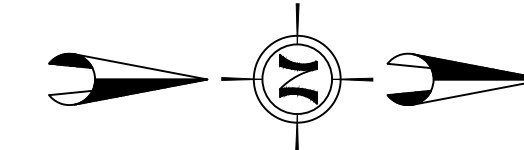
Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\CAD\3\_DESIGN\DWG\2\ROADWAY PROFILE SHEETS.DWG  
 LAST SAVED: 5/31/2024 3:57 PM PRINTED: 6/27/2024 2:08 PM



Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

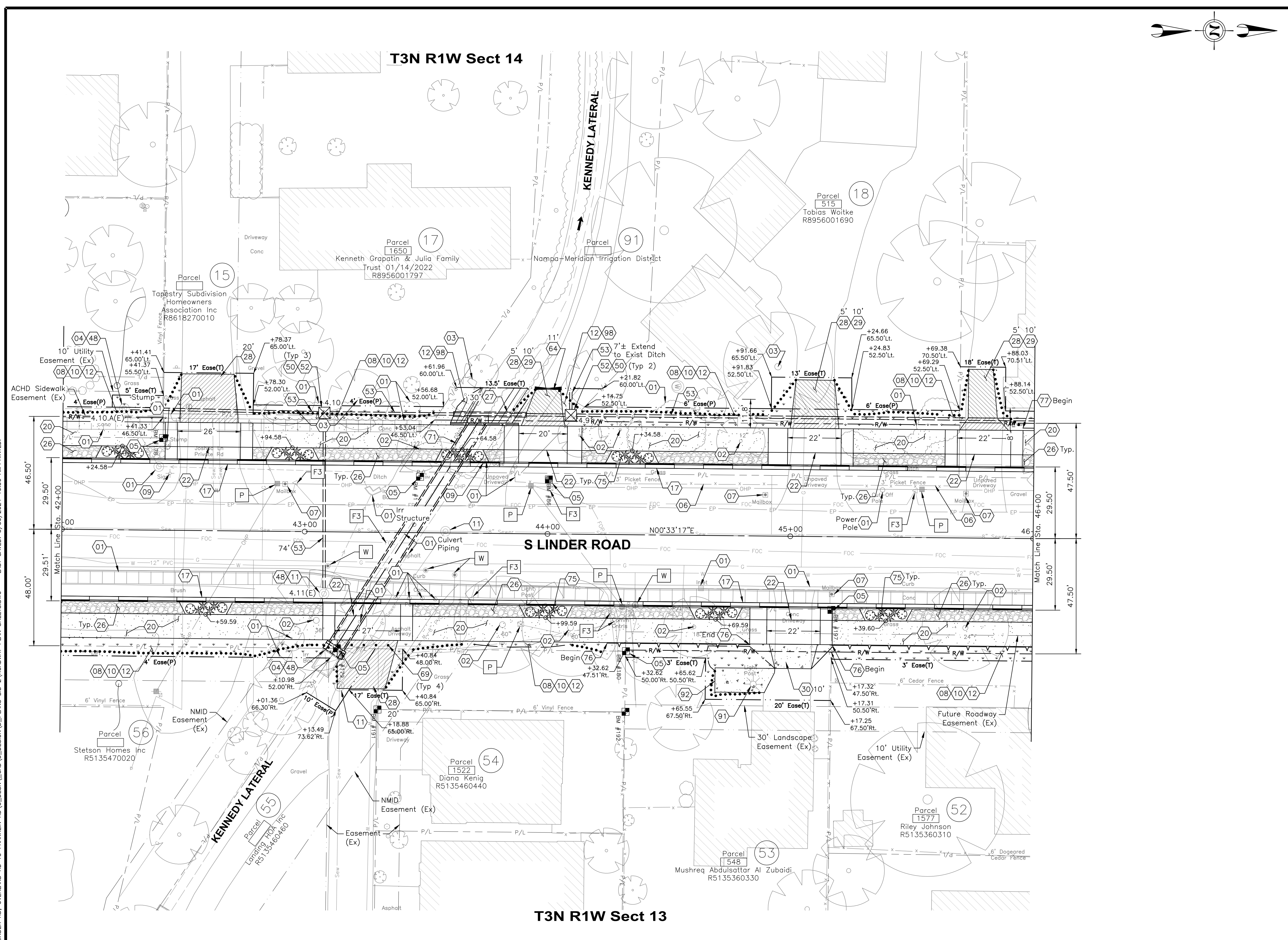
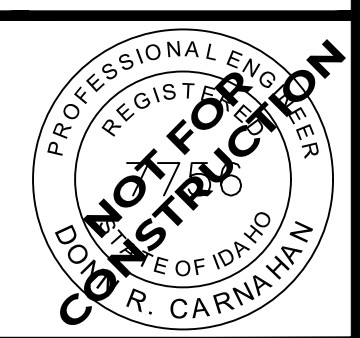


# NOTES

- 01 Removal of Obstructions, Item 201.4.1.C.1
- 02 Remove Tree (6"+), Item SSP 29093
- 03 Trim Tree, Item SSP 29090
- 04 Retain & Protect
- 05 Reference and Reset Monuments, Item 2020.4.1.F.1
- 06 Remove Fence
- 07 Remove & Reset Mailbox, Item SSP 25080
- 08 Remove & Reset Sprinkler System, Item SSP 29101
- 09 Remove & Salvage Roadside Sign, Item 1135.01.06
- 10 Sod Repair, Item SSP 29064
- 11 Adjust Manhole To Grade, Item 2030.4.1.A.1
- 12 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- 17 Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 20 Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- 22 Concrete Driveway Approach, Item 706.4.1.F.1
- 26 3/4" Crushed Ornamental Rock, Item SP 25007
- 27 Casing, 18" CMP Sleeve for 12" PVC C900 Irrigation Pipe Over Kennedy Lateral
- 28 Asphalt Repair - Other, Item SSP 08125
- 29 Gravel Repair, Item SSP 02020
- 30 Concrete Repair, Item 706.4.1.G.1
- 48 Connect New Pipe to Existing Structure, Incidental To Item 601.4.1.A.05.12A
- 50 12" Dia. Gravity Irrigation Slide & Gate Type C-8, Item 602.4.1.K.1.12B
- 52 Standard Irrigation Box - Size 4'x4' O.D., Item 602.4.1.M.1.B
- 53 12" RCP, Irrigation Pipe, Item 601.4.1.A.01.12A
- 64 Gate 4' Metal, Item 2040.4.1.B.1
- 69 Removable Bollard, Locked; Item SSP 20020
- 71 Kennedy Lateral Crossing, See Sheet 48, Item 704.4.1.B.3
- 75 Landscape Areas, See Landscape Plans And Details A1 & A3 Sheet 39
- 76 Gravity Retaining Wall - Cut, See Detail A1 Sheet 39, Item SP 20113
- 77 Gravity Retaining Wall - Fill, See Detail A3 Sheet 39, Item SP 20113
- 91 Relocate Light Post, Incidental
- 92 Concrete Driveway Turnaround, Item 706.4.1.G.1
- 98 Hydro Seeding As Required, Item SSP 29060

## BENCH MARKS:

- BM #191 - 1/2" Iron Rod 14221  
Sta. 43+30.68, 73.0' Rt.  
N: 705137.80  
E: 2449387.78  
Elev: 2596.09
- BM #192 - 1/2" Iron Rod 14221  
Sta. 44+32.83, 73.0' Rt.  
N: 705239.95  
E: 2449388.74  
Elev: 2594.30

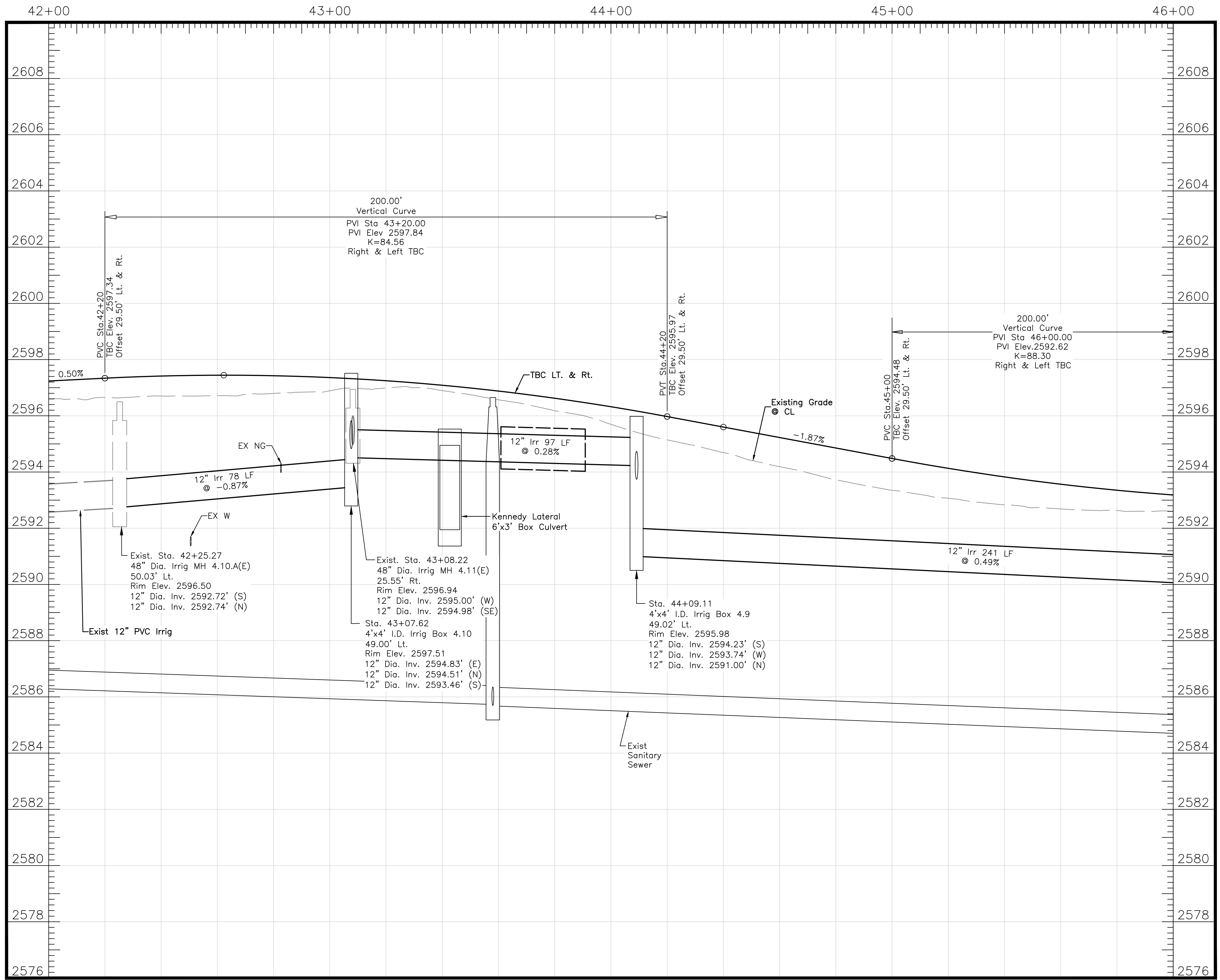


J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\CAD\3\_DESIGN\PLANS BID 2\ROADWAY PLAN SHEETS.DWG LAST SAVED: 5/30/2024 10:50 AM PRINTED:

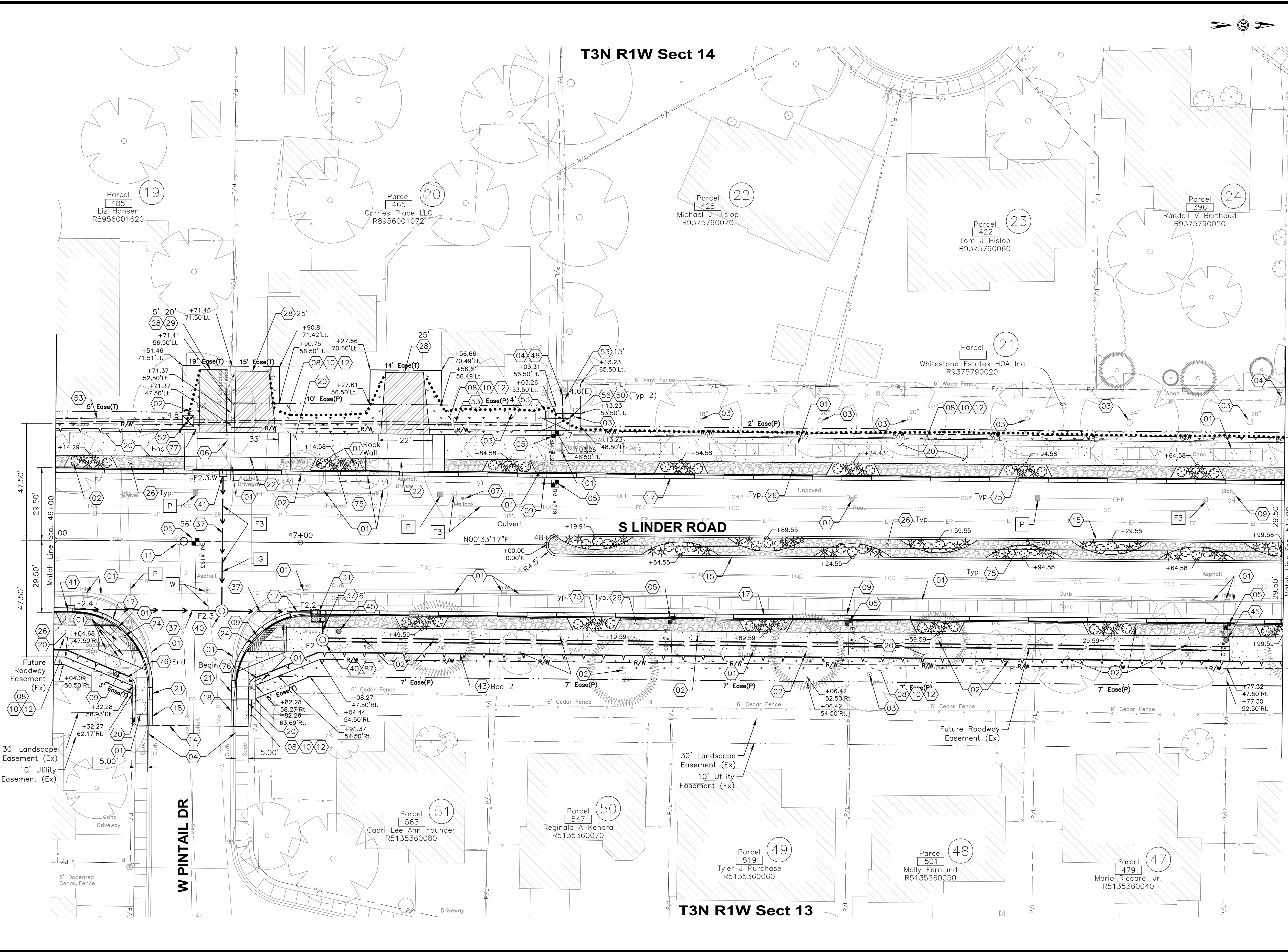
Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley
		Date: 01/2024	Survey By: A. Hafen
			Date: 09/2022



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\DWG\2\ROADWAY PROFILE SHEETS.DWG LAST SAVED: 5/31/2024 3:57 PM PRINTED: 6/27/2024 2:10 PM



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS\ROADWAY PLAN SHEETS.DWG LAST SAVED: 12/7/2023 3:11 PM PRINTED: 12/18/2023 11:30 AM



# NOTES

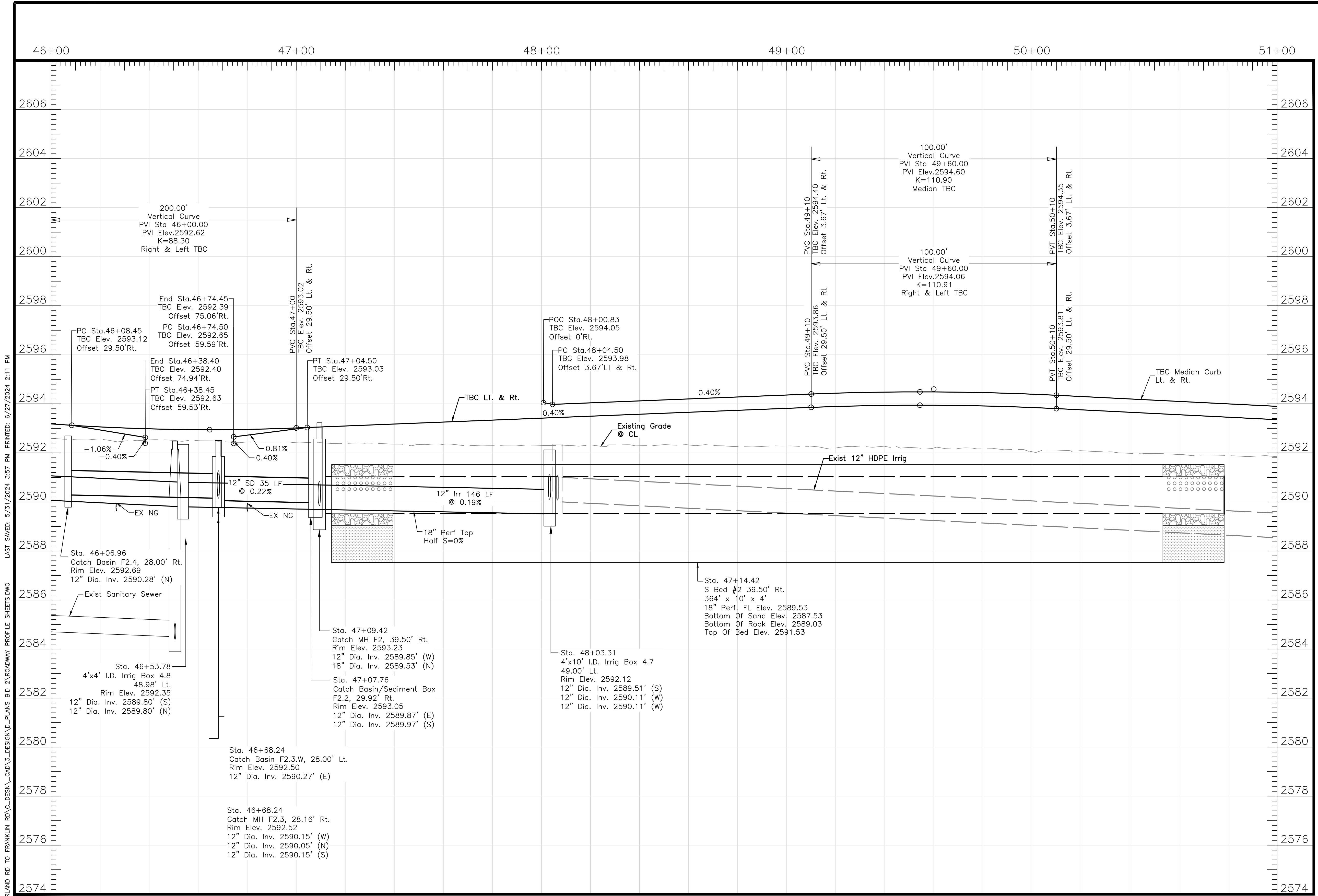
- (01) Removal of Obstructions, Item 201.4.1.C.1
- (02) Remove Tree (6"+), Item SSP 29093
- (03) Trim Tree, Item SSP 29090
- (04) Retain & Protect
- (05) Reference and Reset Monuments, Item 2020.4.1.F.1
- (06) Remove Fence
- (07) Remove & Reset Mailbox, Item SSP 25080
- (08) Remove & Reset Sprinkler System, Item SSP 29101
- (09) Remove & Salvage Roadside Sign, Item 1135.01.06
- (10) Sod Repair, Item SSP 29064
- (11) Adjust Manhole To Grade, Item 2030.4.1.A.1
- (12) 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- (14) Sawcut Incidental To Project, Incidental To Item 814.4.1.A.1
- (15) Mountable Vertical Curb (No Gutter), Item 706.4.1.A.3
- (17) Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- (18) 3-Inch Rolled Curb & Gutter, Item 706.4.1.A.1
- (20) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (21) Transition From 6" Vertical Curb to 3" Rolled Curb
- (22) Concrete Driveway Approach, Item 706.4.1.F.1
- (24) Pedestrian Ramp w/Detectable Warning Domes, Type C, Item 706.4.1.H.1.C.C3
- (26) 3/4" Crushed Ornamental Rock, Item SP 25007
- (28) Asphalt Repair - Other, Item SSP 08125
- (29) Gravel Repair, Item SSP 02020
- (31) Catch Basin - Sediment Box - Type A, Item 602.4.1.H.1.1000
- (37) 12" PVC - C900, Item 601.4.1.A.05.12A
- (40) 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.048
- (41) Catch Basin - Type I, Item 602.4.1.F.1
- (43) Seepage Bed 3' Depth x 10' Width, Pipe Size 18", Item SP 06004
- (45) Groundwater Observation Well, Item SSP 29110
- (48) Connect New Pipe to Existing Structure, Incidental To Item 601.4.1.A.05.12A
- (50) 12" Dia. Gravity Irrigation Slide & Gate Type C-8, Item 602.4.1.K.1.12B
- (52) Standard Irrigation Box - Size 4'x4' O.D., Item 602.4.1.M.1.B
- (53) 12" RCP, Irrigation Pipe, Item 601.4.1.A.01.12A
- (56) Standard Irrigation Box - Size 10'x4' O.D., Item 602.4.1.M.1.C
- (75) Landscape Areas, See Landscape Plans And Details A1 & A3 Sheet 39
- (76) Gravity Retaining Wall - Cut, See Detail A1 Sheet 39, Item SP 20113
- (77) Gravity Retaining Wall - Fill, See Detail A3 Sheet 39, Item SP 20113
- (87) ADA Compliant Grating Or Manhole Cover

## BENCH MARKS:

- BM #193 - 5/8" Iron Rod No Cap Sta. 46+57.29, 0.1' Rt. N: 705465.10 E: 2449318.00 Elev: 2592.42



Revisions: \_\_\_\_\_ Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 01/2024 Survey By: A. Hafen Date: 09/2022

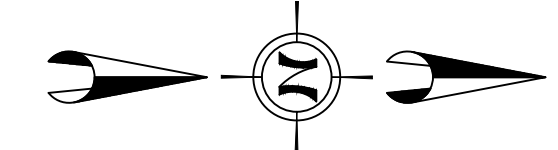


J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\3. DESIGN\PLANS BID 2\ROADWAY PROFILE SHEETS.DWG  
 LAST SAVED: 5/31/2024 3:57 PM PRINTED: 6/27/2024 2:11 PM



Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

T3N R1W Sect 14

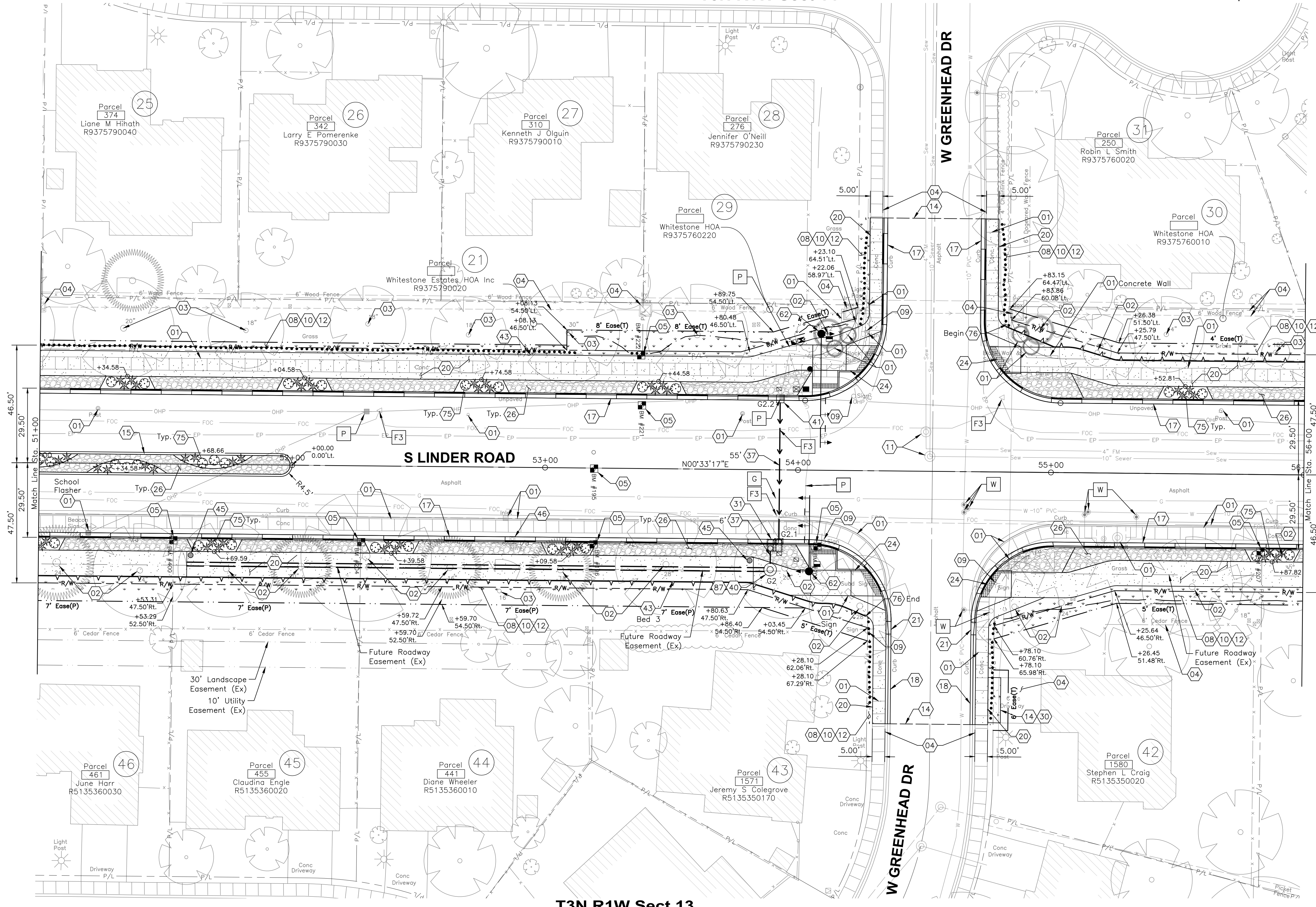


**NOTES**

- 01 Removal of Obstructions, Item 201.4.1.C.1
- 02 Remove Tree (6"+), Item SSP 29093
- 03 Trim Tree, Item SSP 29090
- 04 Retain & Protect
- 05 Reference and Reset Monuments, Item 2020.4.1.F.1
- 08 Remove & Reset Sprinkler System, Item SSP 29101
- 09 Remove & Salvage Roadside Sign, Item 1135.01.06
- 10 Sod Repair, Item SSP 29064
- 11 Adjust Manhole To Grade, Item 2030.4.1.A.1
- 12 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- 14 Sawcut Incidental To Project, Incidental To Item 814.4.1.A.1
- 15 Mountable Vertical Curb (No Gutter), Item 706.4.1.A.3
- 17 Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 18 3-Inch Rolled Curb & Gutter, Item 706.4.1.A.1
- 20 Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- 21 Transition From 6" Vertical Curb to 3" Rolled Curb
- 24 Pedestrian Ramp w/Detectable Warning Domes, Type C, Item 706.4.1.H.1.C.C3
- 26 3/4" Crushed Ornamental Rock, Item SP 25007
- 30 Concrete Repair, Item 706.4.1.G.1
- 31 Catch Basin - Sediment Box - Type A, Item 602.4.1.H.1.1000
- 37 12" PVC - C900, Item 601.4.1.A.05.12A
- 40 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.048
- 41 Catch Basin - Type I, Item 602.4.1.F.1
- 43 Seepage Bed 3' Depth x 10' Width, Pipe Size 18", Item SP 06004
- 45 Groundwater Observation Well, Item SSP 29110
- 46 Adjust Monitoring Well To Grade, Item 2030.4.1.D.1
- 62 Pedestrian Hybrid Beacon, See Signal Plans, Item 1131.01.01
- 75 Landscape Areas, See Landscape Plans And Details A1 & A3 Sheet 39
- 76 Gravity Retaining Wall - Cut, See Detail A1 Sheet 39, Item SP 20113
- 87 ADA Compliant Grating Or Manhole Cover

**BENCH MARKS:**

- BM #195 - 5/8" Iron Rod No Cap  
Sta. 53+19.38, 0.2' Rt.  
N: 706127.16  
E: 2449324.56  
Elev: 2591.62

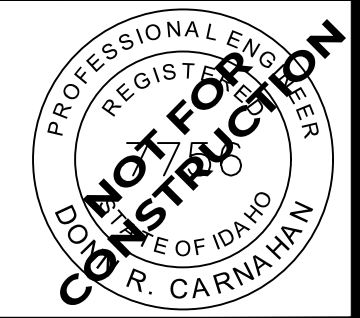
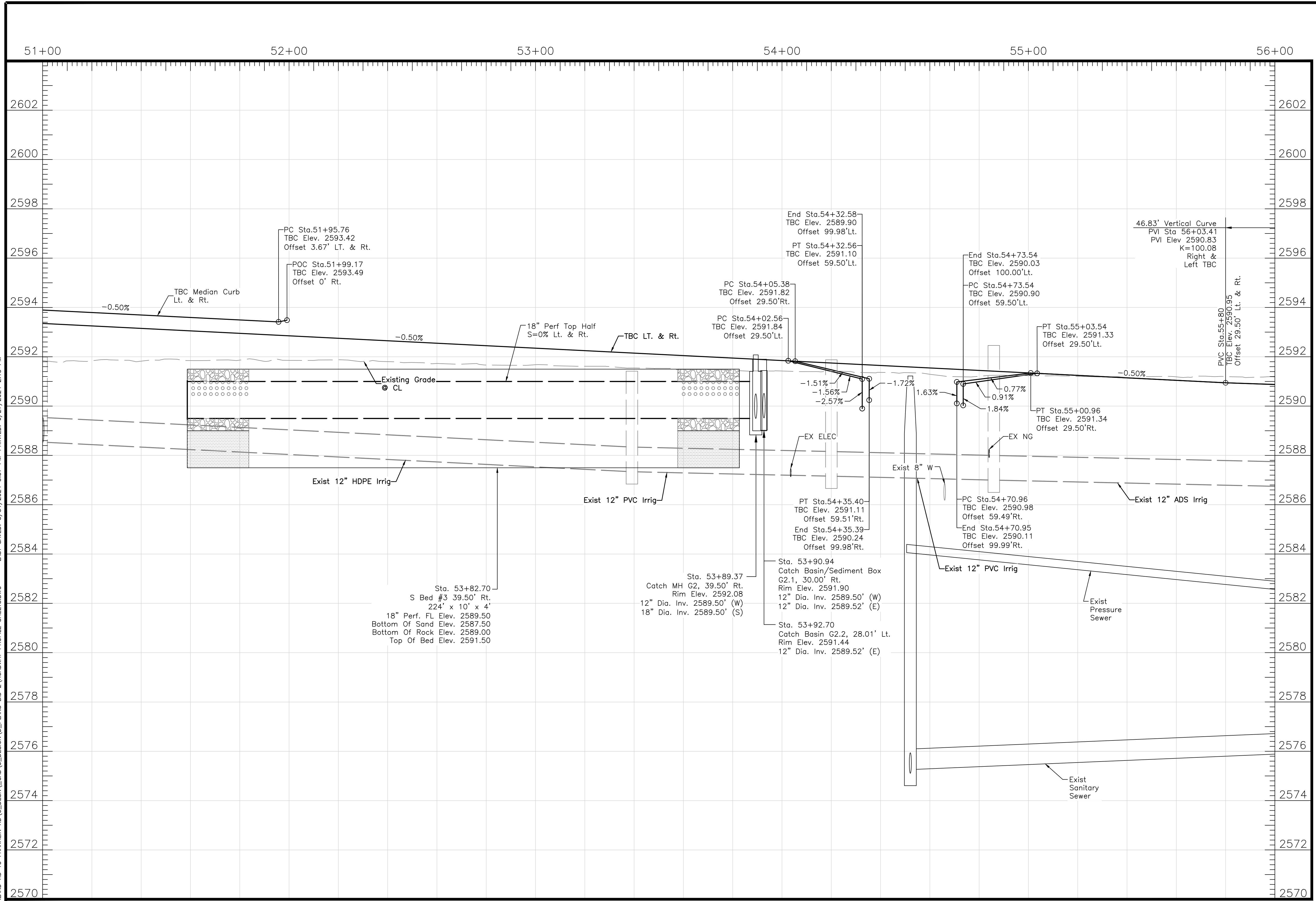


T3N R1W Sect 13

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\CAD\3\_DESIGN\PLANS BID 2\ROADWAY PLAN SHEETS.DWG LAST SAVED: 5/31/2024 7:59 AM PRINTED: -----  
 Revisions:

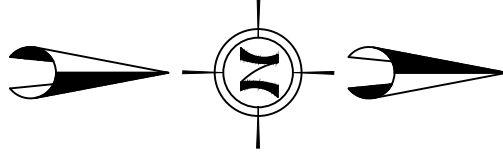
Design By: J. Thornton      Date: 1/2024      Drawn By: A. Corley      Date: 01/2024      Survey By: A. Hafen      Date: 09/2022

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\CAD\3\_DESIGN\DWG\PLANS BID 2\ROADWAY PROFILE SHEETS.DWG LAST SAVED: 5/31/2024 3:57 PM PRINTED: 6/27/2024 2:13 PM



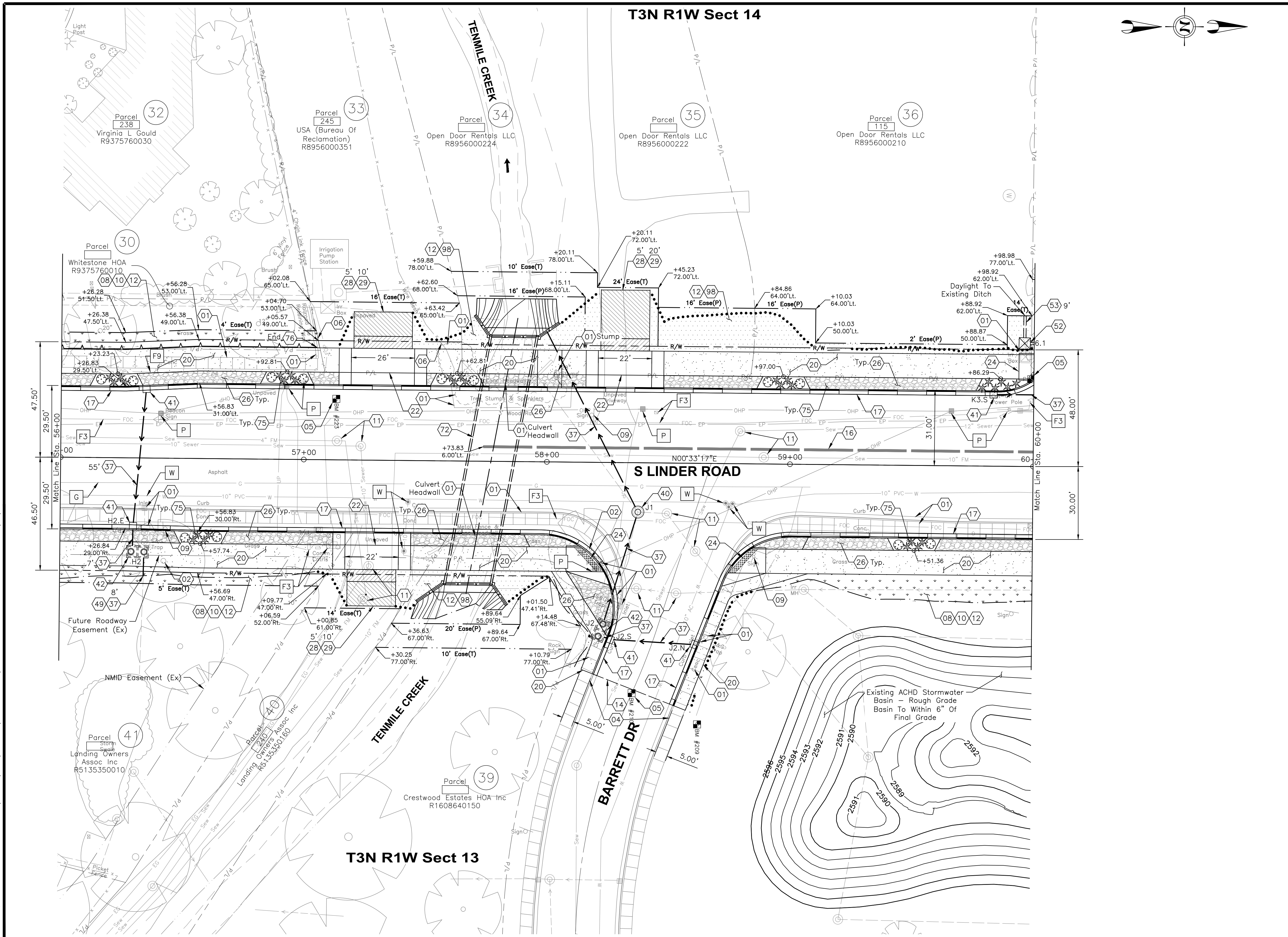
Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

T3N R1W Sect 14



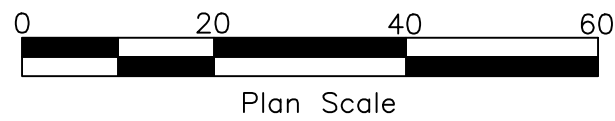
**NOTES**

- (01) Removal of Obstructions, Item 201.4.1.C.1
- (02) Remove Tree (6"+), Item SSP 29093
- (04) Retain & Protect
- (05) Reference and Reset Monuments, Item 2020.4.1.F.1
- (06) Remove Fence
- (08) Remove & Reset Sprinkler System, Item SSP 29101
- (09) Remove & Salvage Roadside Sign, Item 1135.01.06
- (10) Sod Repair, Item SSP 29064
- (11) Adjust Manhole To Grade, Item 2030.4.1.A.1
- (12) 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- (14) Sawcut Incidental To Project, Incidental To Item 814.4.1.A.1
- (16) Median Curb, 20' Sections with 2' Gaps, Location Callouts To Center Of Curb, Item SSP 07009
- (17) Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- (20) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (22) Concrete Driveway Approach, Item 706.4.1.F.1
- (24) Pedestrian Ramp w/ Detectable Warning Domes, Type C, Item 706.4.1.H.1.C.C3
- (26) 3/4" Crushed Ornamental Rock, Item SP 25007
- (28) Asphalt Repair - Other, Item SSP 08125
- (29) Gravel Repair, Item SSP 02020
- (37) 12" PVC - C900, Item 601.4.1.A.05.12A
- (40) 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.048
- (41) Catch Basin - Type I, Item 602.4.1.F.1
- (42) Precast Sediment Box - 1000 Gallon, Item 602.4.1.H.1.1000
- (49) Connect New Pipe to Existing Pipe, Incidental
- (52) Standard Irrigation Box - Size 4'x4' O.D., Item 602.4.1.M.1.B
- (53) 12" RCP, Irrigation Pipe, Item 601.4.1.A.01.12A
- (72) Tenmile Creek Crossing, See Sheet 53, Item 704.4.1.A.3
- (75) Landscape Areas, See Landscape Plans And Details A1 & A3 Sheet 39
- (76) Gravity Retaining Wall - Cut, See Detail A1 Sheet 39, Item SP 20113
- (98) Hydro Seeding As Required, Item SSP 29060



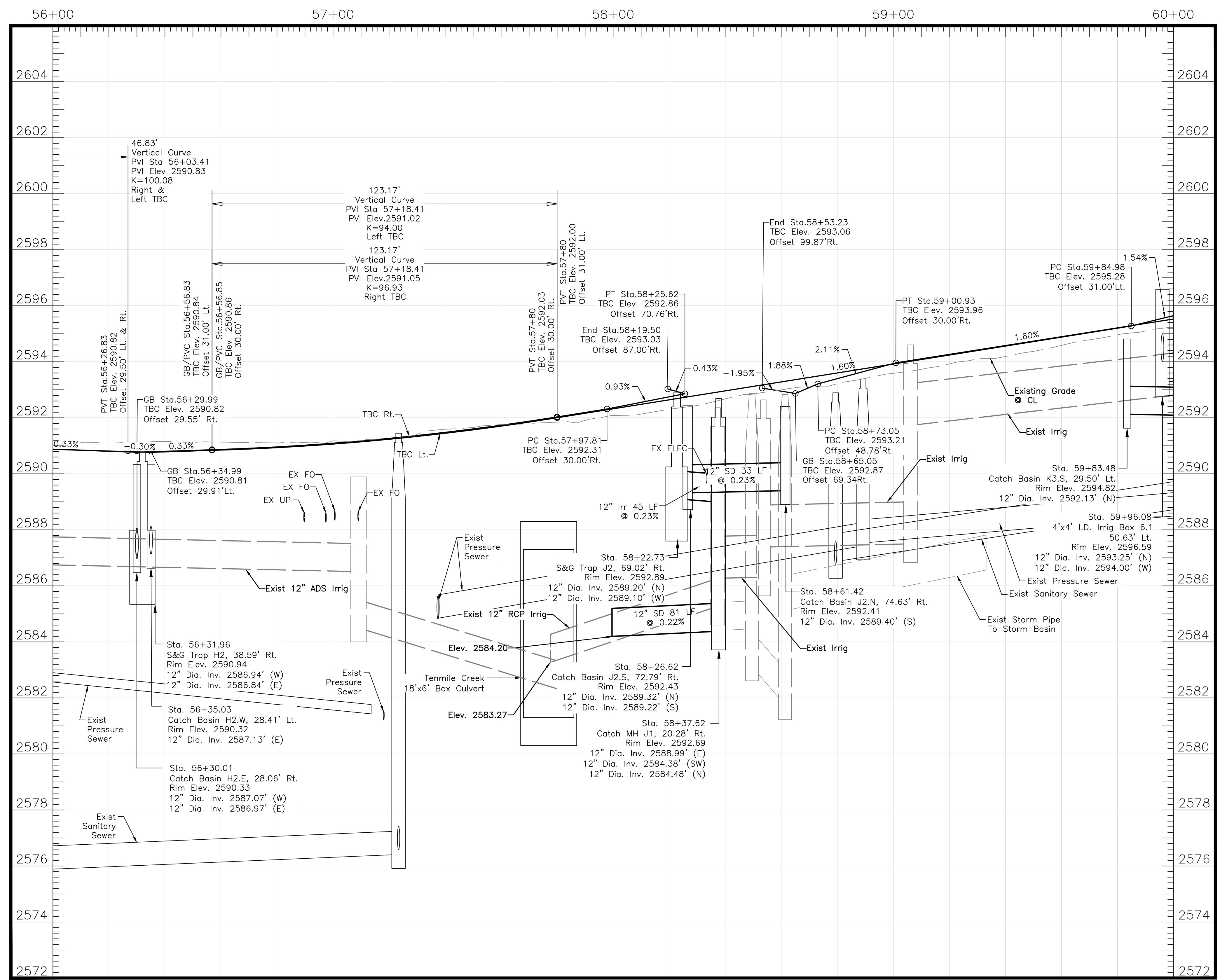
**BENCH MARKS:**

■ BM #209 - 5/8" Iron Rod No Cap  
 Sta. 58+62.80, 107.4' Rt.  
 N: 706669.52  
 E: 2449437.02  
 Elev: 2593.03

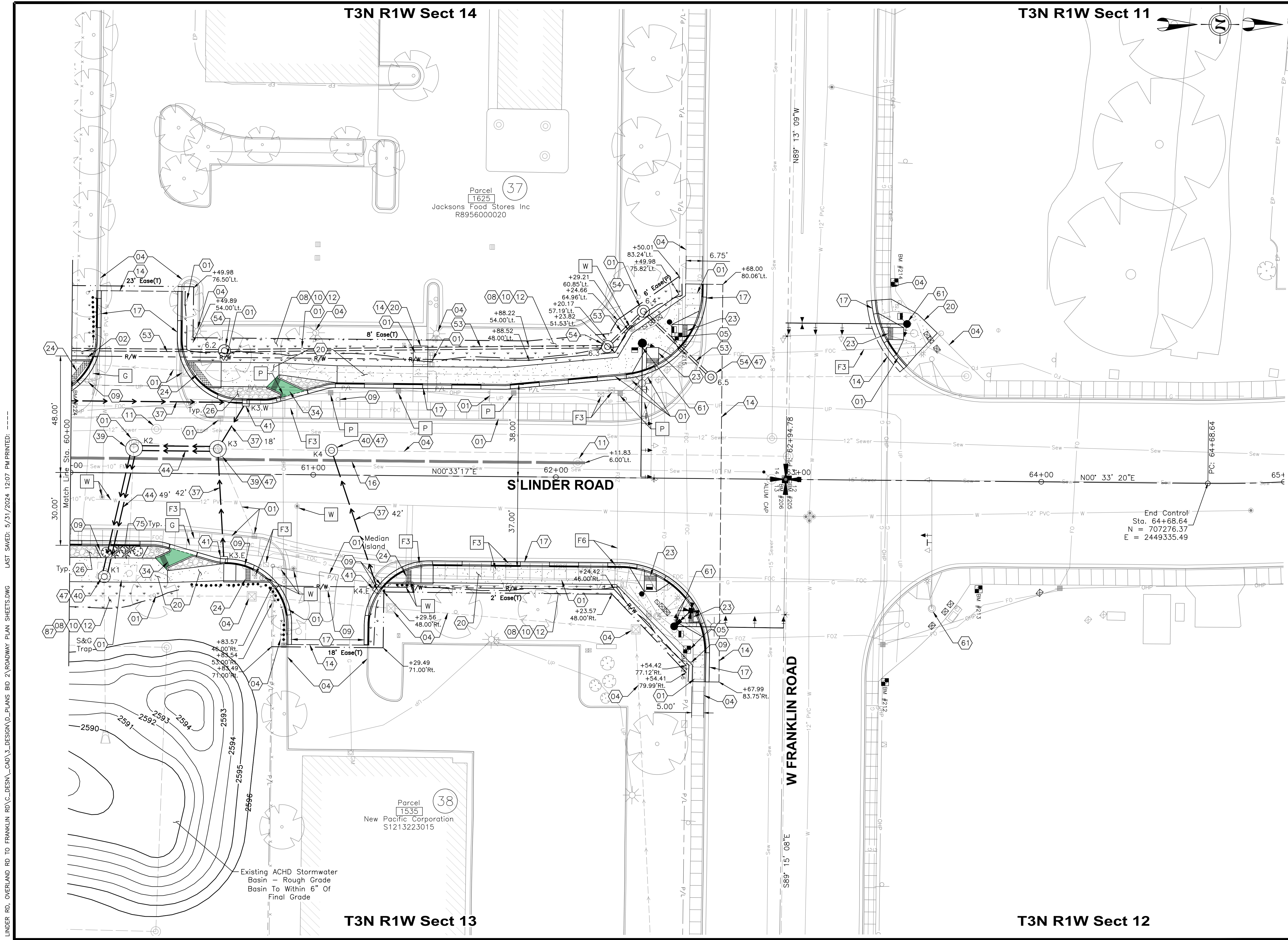


Revisions: \_\_\_\_\_ Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 01/2024 Survey By: A. Hafen Date: 09/2022

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\DWG\2\ROADWAY PROFILE SHEETS.DWG LAST SAVED: 5/31/2024 3:57 PM PRINTED: 6/27/2024 2:14 PM



Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

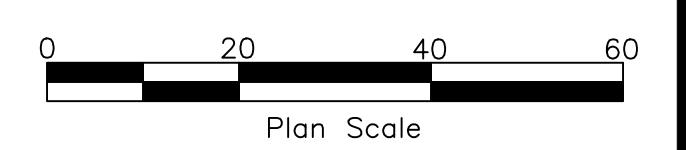


**NOTES**

- 01 Removal of Obstructions, Item 201.4.1.C.1
- 02 Remove Tree (6"+), Item SSP 29093
- 04 Retain & Protect
- 05 Reference and Reset Monuments, Item 2020.4.1.F.1
- 08 Remove & Reset Sprinkler System, Item SSP 29101
- 09 Remove & Salvage Roadside Sign, Item 1135.01.06
- 10 Sod Repair, Item SSP 29064
- 11 Adjust Manhole To Grade, Item 2030.4.1.A.1
- 12 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- 14 Sawcut Incidental To Project, Incidental To Item 814.4.1.A.1
- 16 Median Curb, 20' Sections with 2' Gaps, Location Callouts To Center Of Curb, Item SSP 07009
- 17 Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- 20 Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- 23 Pedestrian Ramp w/Detectable Warning Domes, Type A, Item 706.4.1.H.1.A.A
- 24 Pedestrian Ramp w/Detectable Warning Domes, Type C, Item 706.4.1.H.1.C.C3
- 26 3/4" Crushed Ornamental Rock, Item SP 25007
- 34 Bike Ramp, See Detail A1 Sheet 14, Item 706.4.1.H.1.A.A
- 37 12" PVC - C900, Item 601.4.1.A.05.12A
- 39 72" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.072
- 40 48" Dia. Storm Drain Catch Manhole, Item 602.4.1.E.1.048
- 41 Catch Basin - Type I, Item 602.4.1.F.1
- 44 24" RCP, Storm Pipe, Item 601.4.1.A.01.24A
- 47 Connect Existing Pipe to New Structure, Incidental To Item 602.4.1.E.1.048
- 53 12" RCP, Irrigation Pipe, Item 601.4.1.A.01.12A
- 54 48" Dia. Irrigation Manhole, Item 602.4.1.E.1.048
- 61 Traffic Signal & Related Equipment Modified, See Signal Plans, Item 1131.01.01
- 75 Landscape Areas, See Landscape Plans And Details A1 & A3 Sheet 39
- 87 ADA Compliant Grating Or Manhole Cover

**BENCH MARKS:**

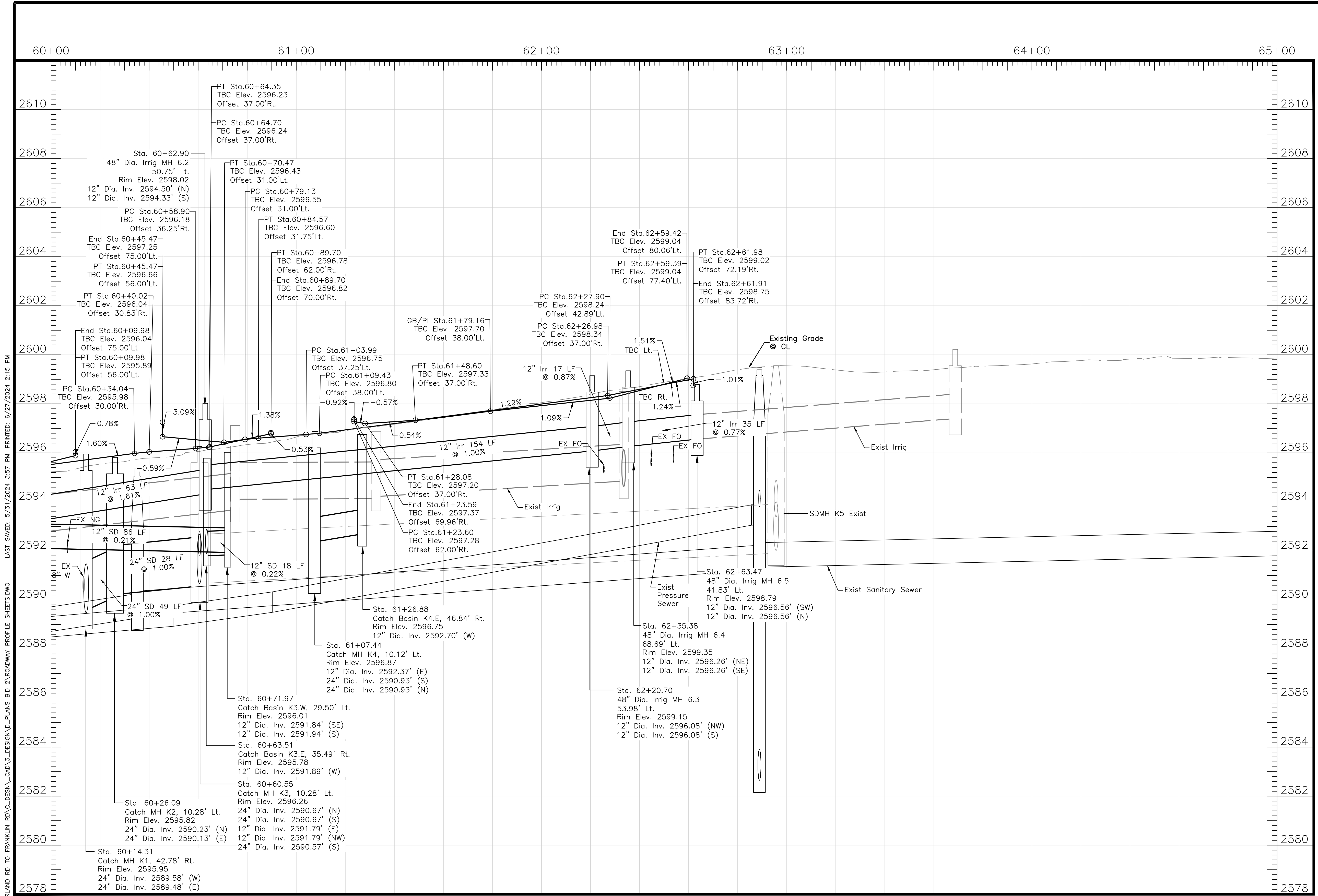
- BM #206 - Aluminum Cap  
Sta. 62+94.68, 0.0' Rt.  
N = 707102.42  
E = 2449333.80  
Elev: 2599.52



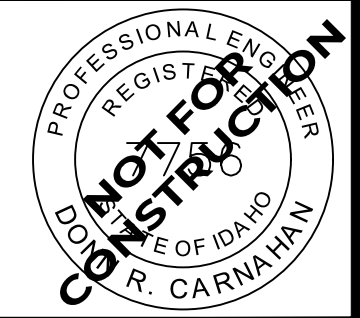
J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\PLANS BID 2\ROADWAY PLAN SHEETS.DWG LAST SAVED: 5/31/2024 12:07 PM PRINTED: -----

Revisions: \_\_\_\_\_ Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 01/2024 Survey By: A. Hafen Date: 09/2022



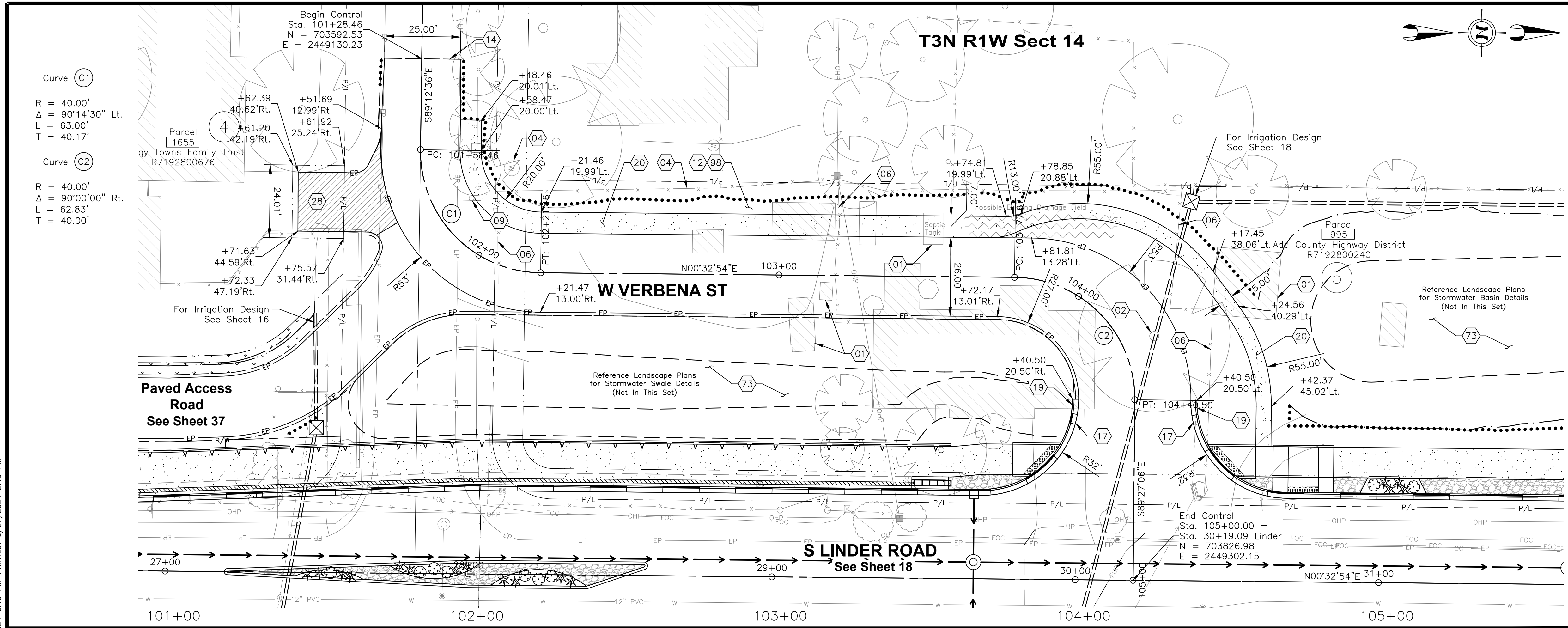


J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\CAD\3\_Design\PLANS BID 2\ROADWAY PROFILE SHEETS.DWG  
 LAST SAVED: 5/31/2024 3:57 PM PRINTED: 6/27/2024 2:15 PM



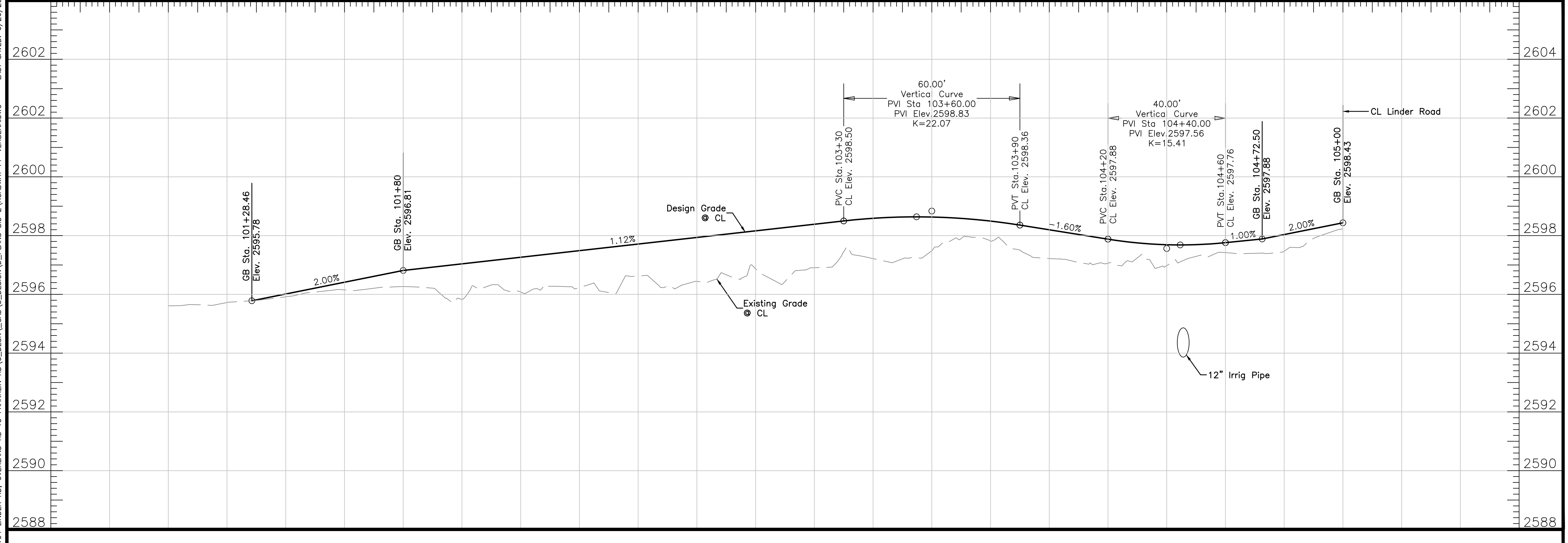
Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\PLANS BID 2\ROADWAY PP VERBENA.DWG LAST SAVED: 6/26/2024 6:15 PM PRINTED: 6/27/2024 2:16 PM



# NOTES

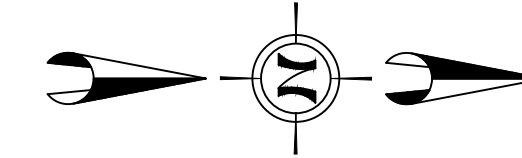
- (01) Removal of Obstructions, Item 201.4.1.C.1
- (02) Remove Tree (6"+), Item SSP 29093
- (04) Retain & Protect
- (06) Remove Fence
- (09) Remove & Salvage Roadside Sign, Item 1135.01.06
- (12) 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- (14) Sawcut Incidental To Project, Incidental To Item 814.4.1.A.1
- (17) Standard 6-Inch Vertical Curb & Gutter, Item 706.4.1.A.5
- (19) Curb And Gutter, Type Curb Terminus, Item 706.4.1.A.7.B
- (20) Concrete Sidewalks, Thickness 5", Item 706.4.1.E.1.5
- (28) Asphalt Repair - Other, Item SSP 08125
- (73) GSI Topsoil, Item SP 25050.1
- (98) Hydro Seeding As Required, Item SSP 29060



Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

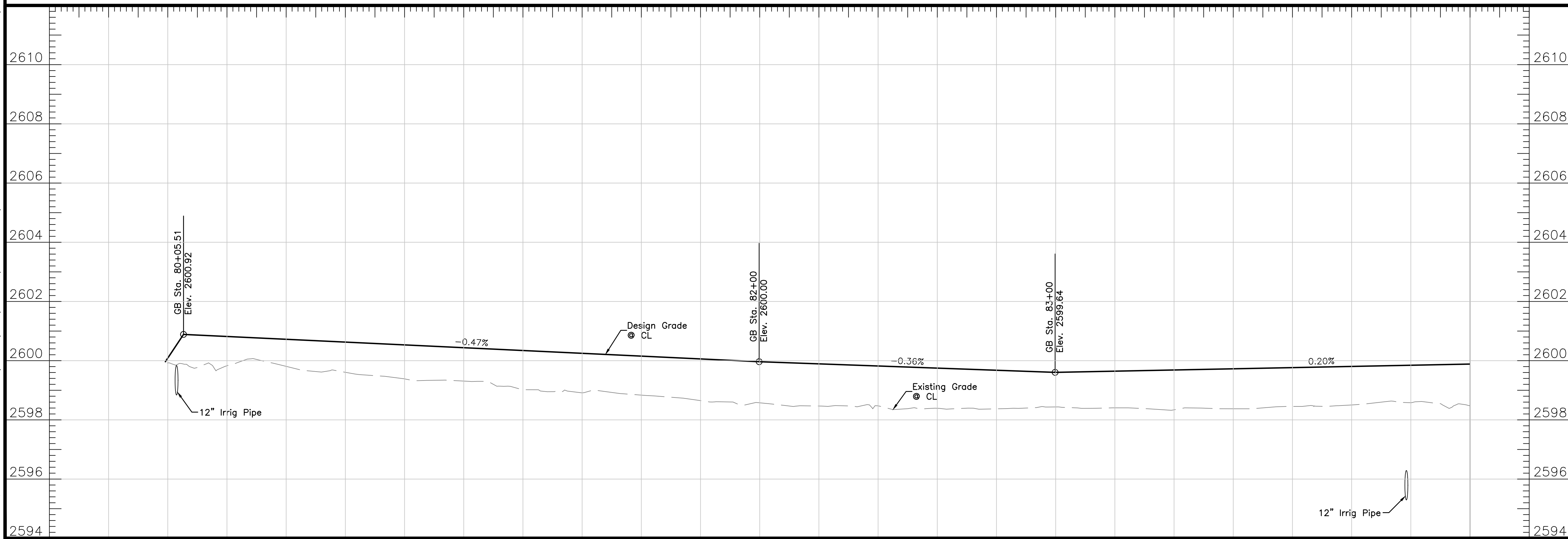
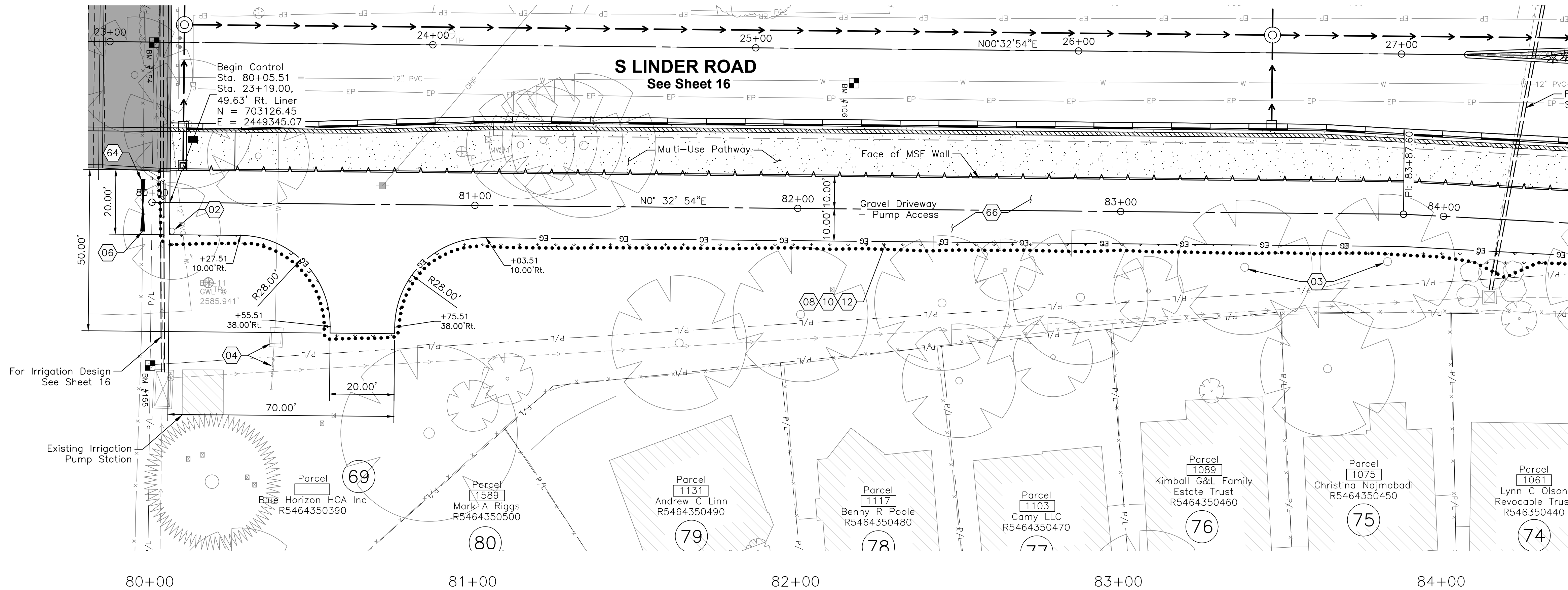


T3N R1W Sect 14



**NOTES**

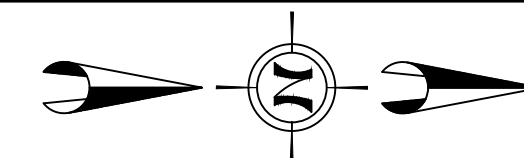
- (02) Remove Tree (6"+), Item SSP 29093
- (03) Trim Tree, Item SSP 29090
- (04) Retain & Protect
- (06) Remove Fence
- (08) Remove & Reset Sprinkler System, Item SSP 29101
- (10) Sod Repair, Item SSP 29064
- (12) 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- (64) Gate 4' Metal, Item 2040.4.1.B.1
- (66) Gravel Driveway - Irrigation Pump Station Access; See Sheets 35 & 36 and Typical Roadway Section 12 Sheet 11



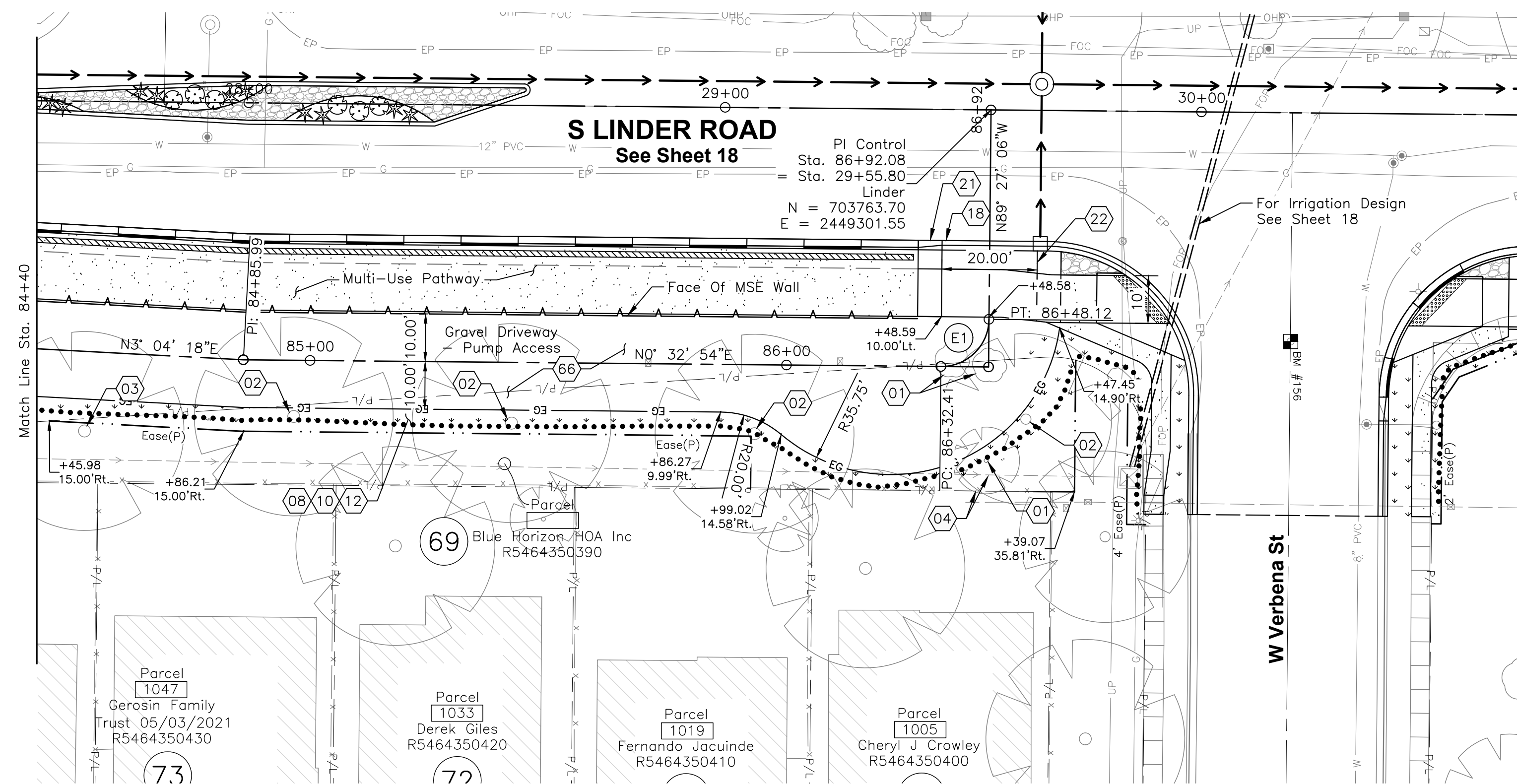
J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\ROADWAY PP DRIVWAYS.DWG LAST SAVED: 5/13/2024 5:46 PM PRINTED: -----

Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

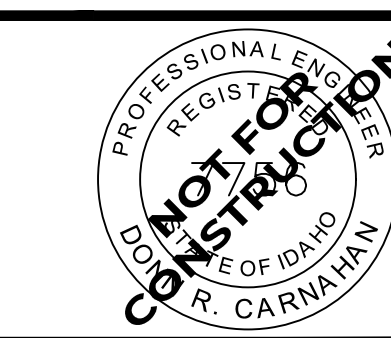
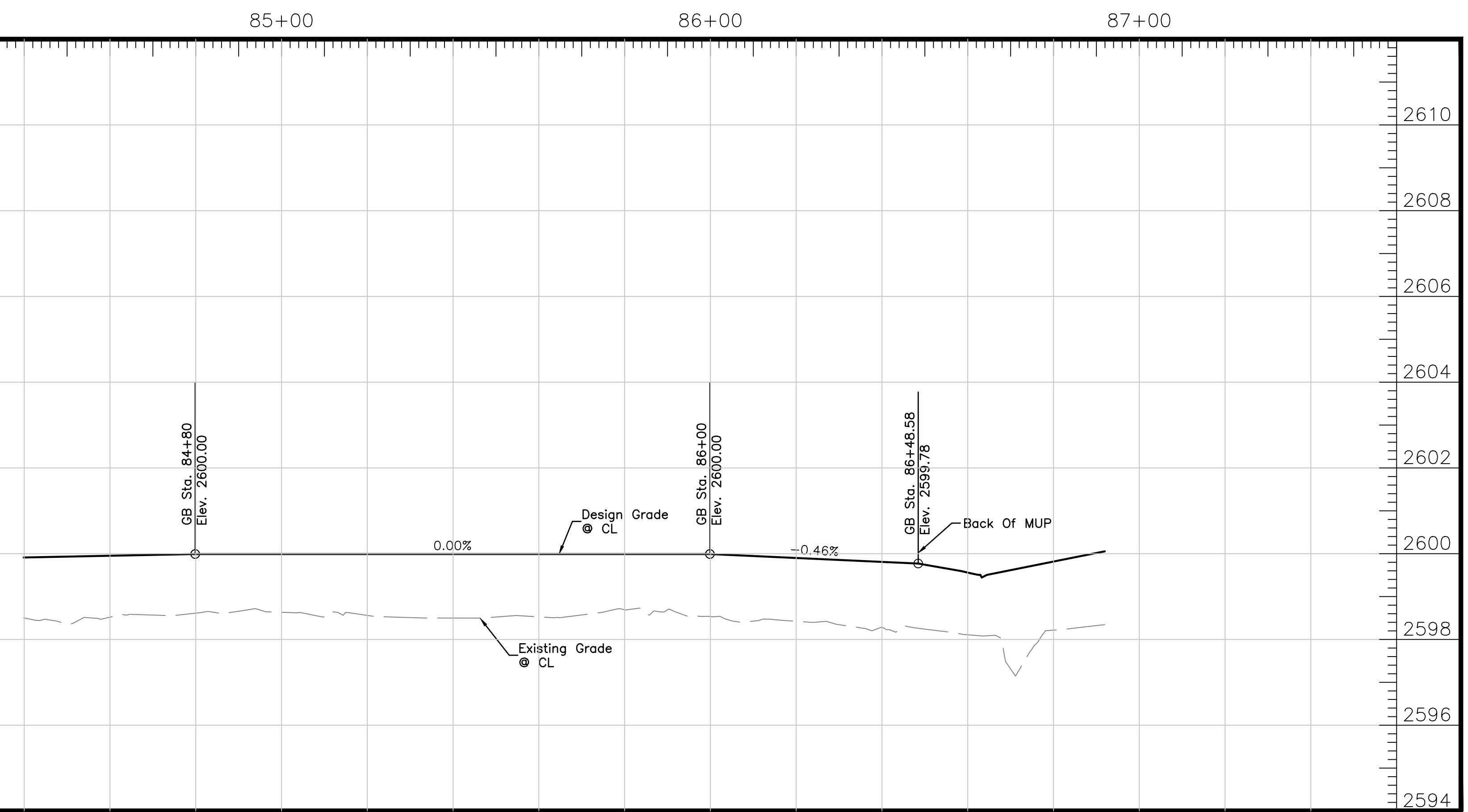
T3N R1W Sect 14



Curve (E1)  
 R = 10.00'  
 Δ = 90°00'00" Lt.  
 L = 15.71'  
 T = 10.00'



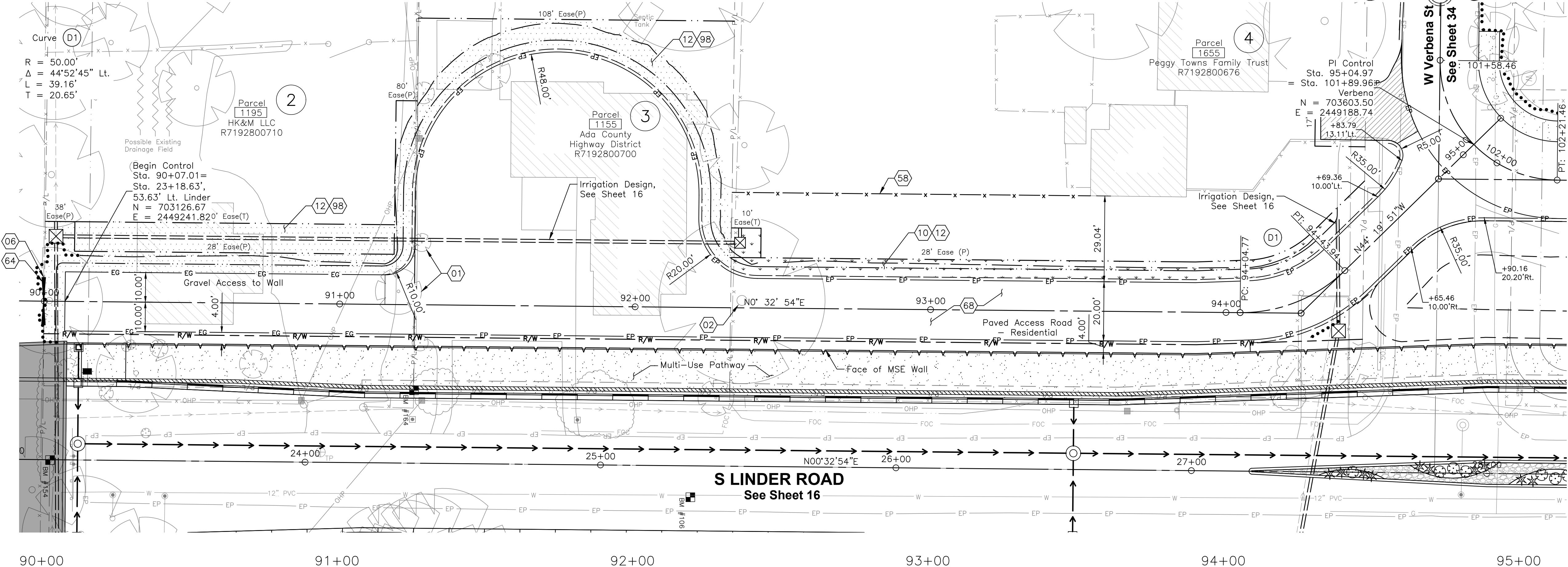
- NOTES**
- (01) Removal of Obstructions, Item 201.4.1.C.1
  - (02) Remove Tree (6"+), Item SSP 29093
  - (03) Trim Tree, Item SSP 29090
  - (04) Retain & Protect
  - (08) Remove & Reset Sprinkler System, Item SSP 29101
  - (10) Sod Repair, Item SSP 29064
  - (12) 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
  - (18) 3-Inch Rolled Curb & Gutter, Item 706.4.1.A.1
  - (21) Transition From 6" Vertical Curb to 3" Rolled Curb
  - (22) Concrete Driveway Approach, Item 706.4.1.F.1
  - (66) Gravel Driveway - Irrigation Pump Station Access; See Sheets 35 & 36 and Typical Roadway Section 12 Sheet 11



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\DRIVEWAYS.DWG LAST SAVED: 5/13/2024 5:46 PM PRINTED: -----

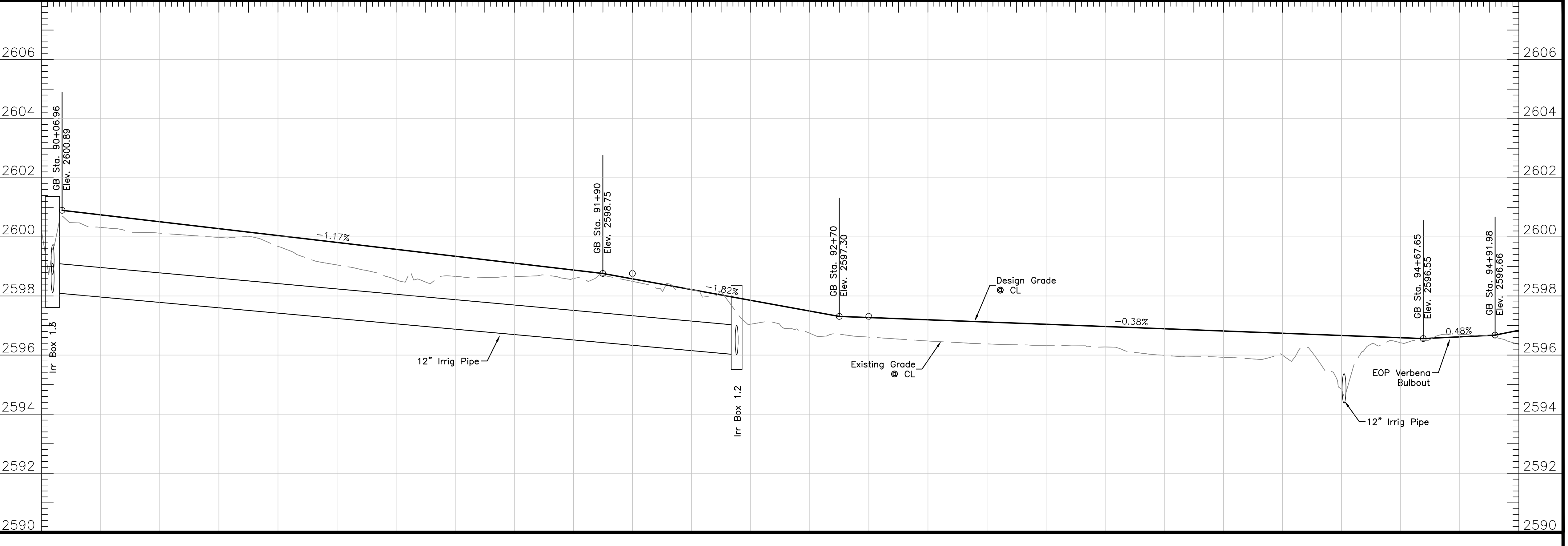
Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

T3N R1W Sect 14



**NOTES**

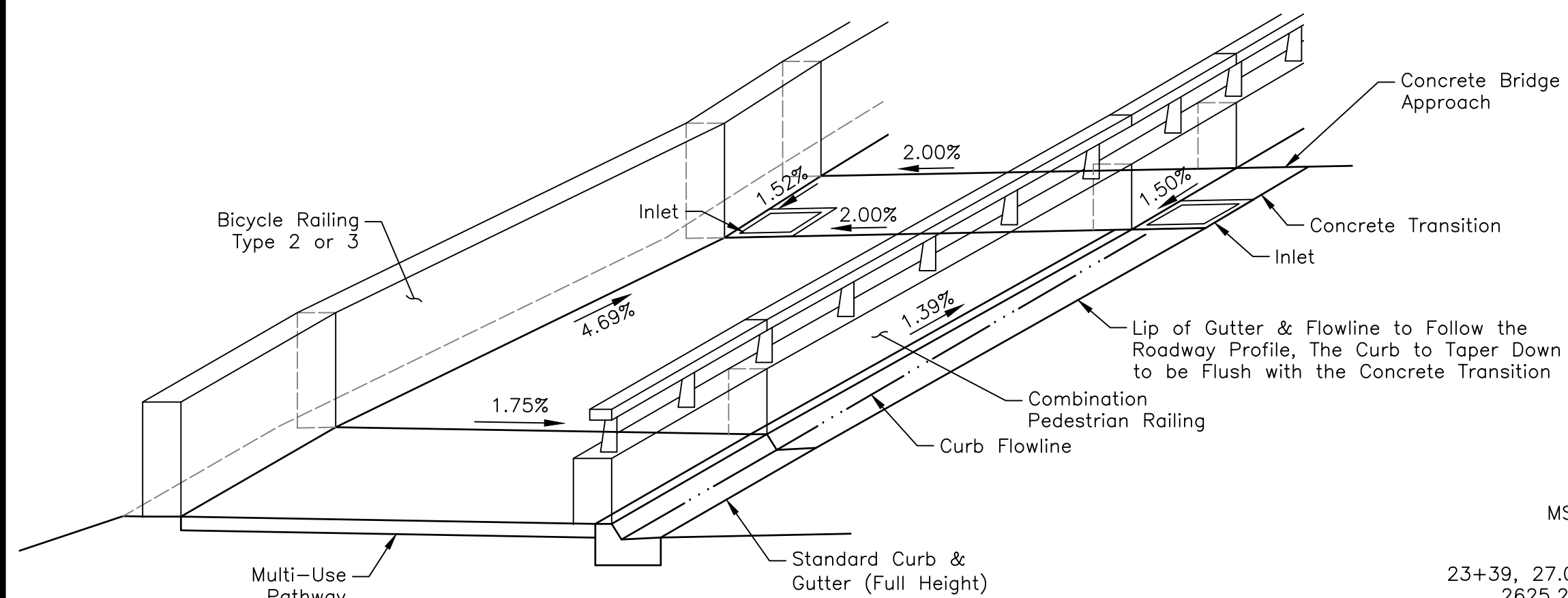
- (01) Removal of Obstructions, Item 201.4.1.C.1
- (02) Remove Tree (6"+), Item SSP 29093
- (06) Remove Fence
- (10) Sod Repair, Item SSP 29064
- (12) 4" Topsoil, Item SSP 25050 & Incidental To Item SSP 29064
- (58) Fence - 4' Chain Link, Item 2040.4.1.A.1
- (64) Gate 4' Metal, Item 2040.4.1.B.1
- (68) Paved Access Road - Residential; See Sheet 37 and Typical Roadway Section 14 Sheet 11
- (98) Hydro Seeding As Required, Item SSP 29060



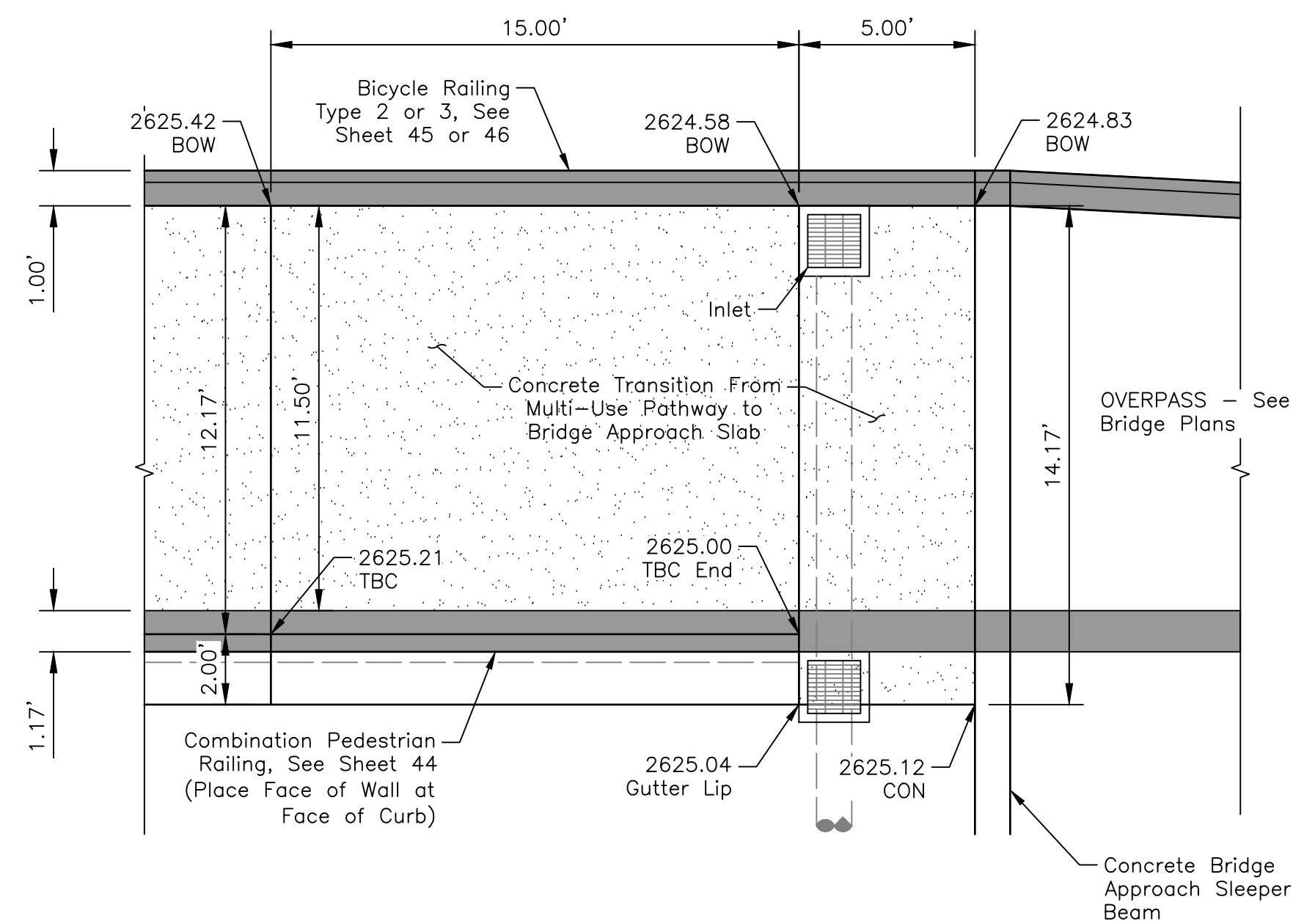
J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\ROADWAY PP DRIVWAYS.DWG  
 LAST SAVED: 6/23/2024 2:03 PM PRINTED:

Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

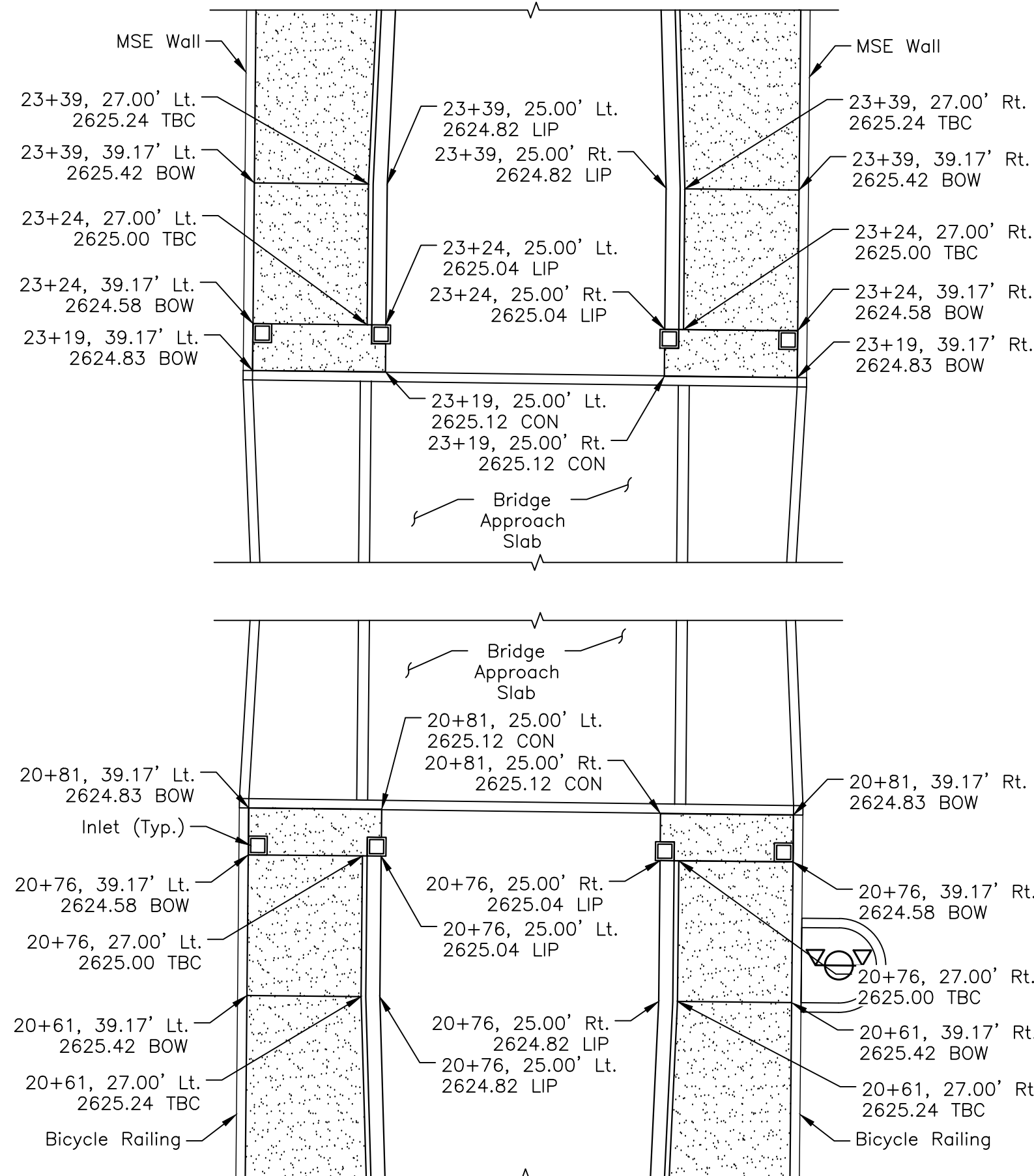
J:\222104 LINDER RD. OVERLAND RD. TO FRANKLIN RD. OVERLAND PLANS BID 2\BRIDGE TRANSITION DETAIL.DWG LAST SAVED: 6/4/2024 11:35 AM PRINTED: 6/27/2024 2:19 PM



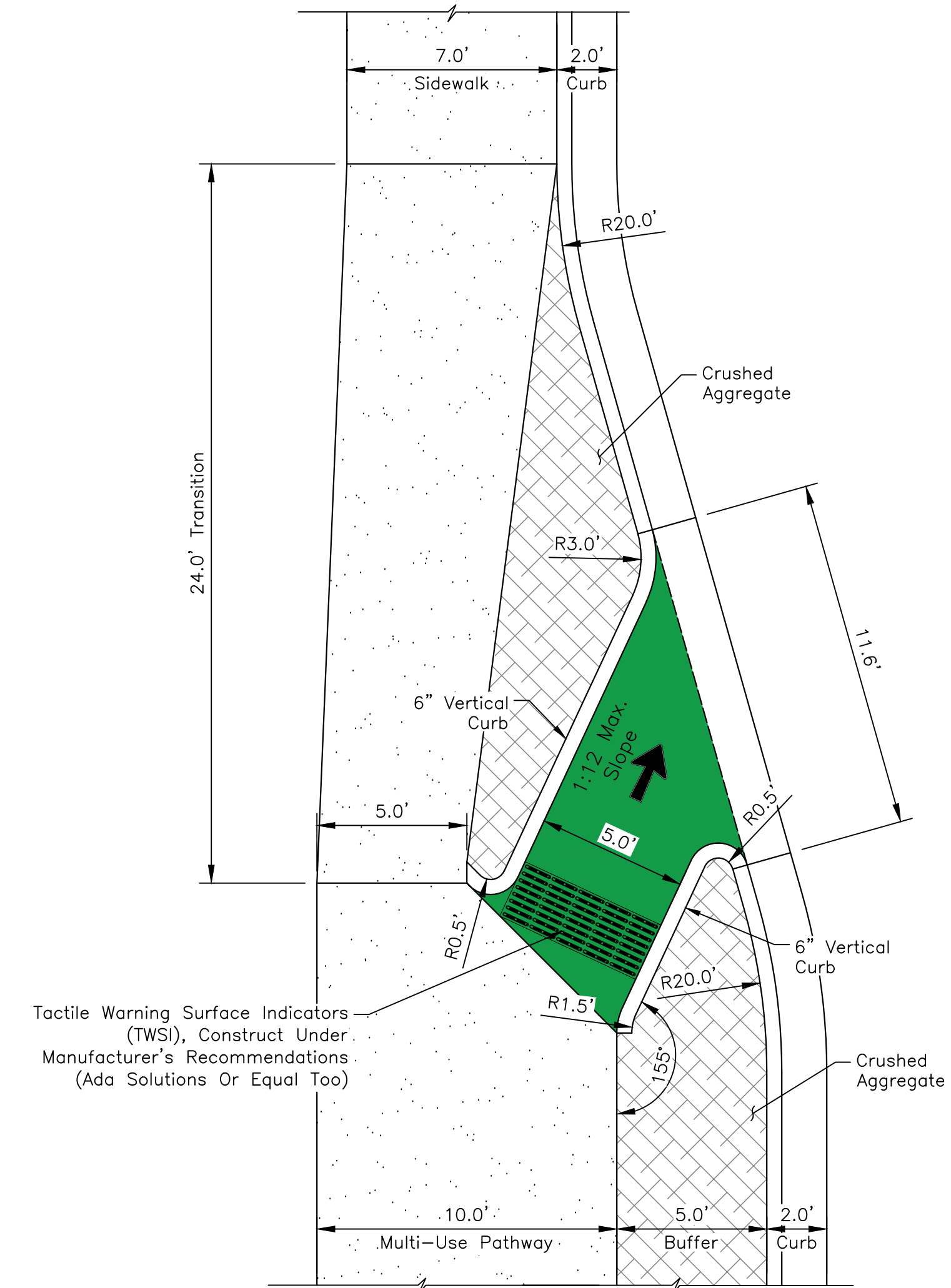
ISOMETRIC VIEW



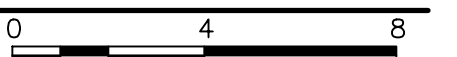
PLAN VIEW



OVERVIEW

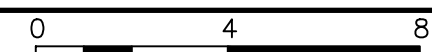


A4 BIKE RAMP - BIKE LANE/MULTI-USE PATH TRANSITION 1:4



NOTES: This Layout is Typical For All Four Corners of the Bridge.

A1 BRIDGE APPROACH TRANSITION 1:4



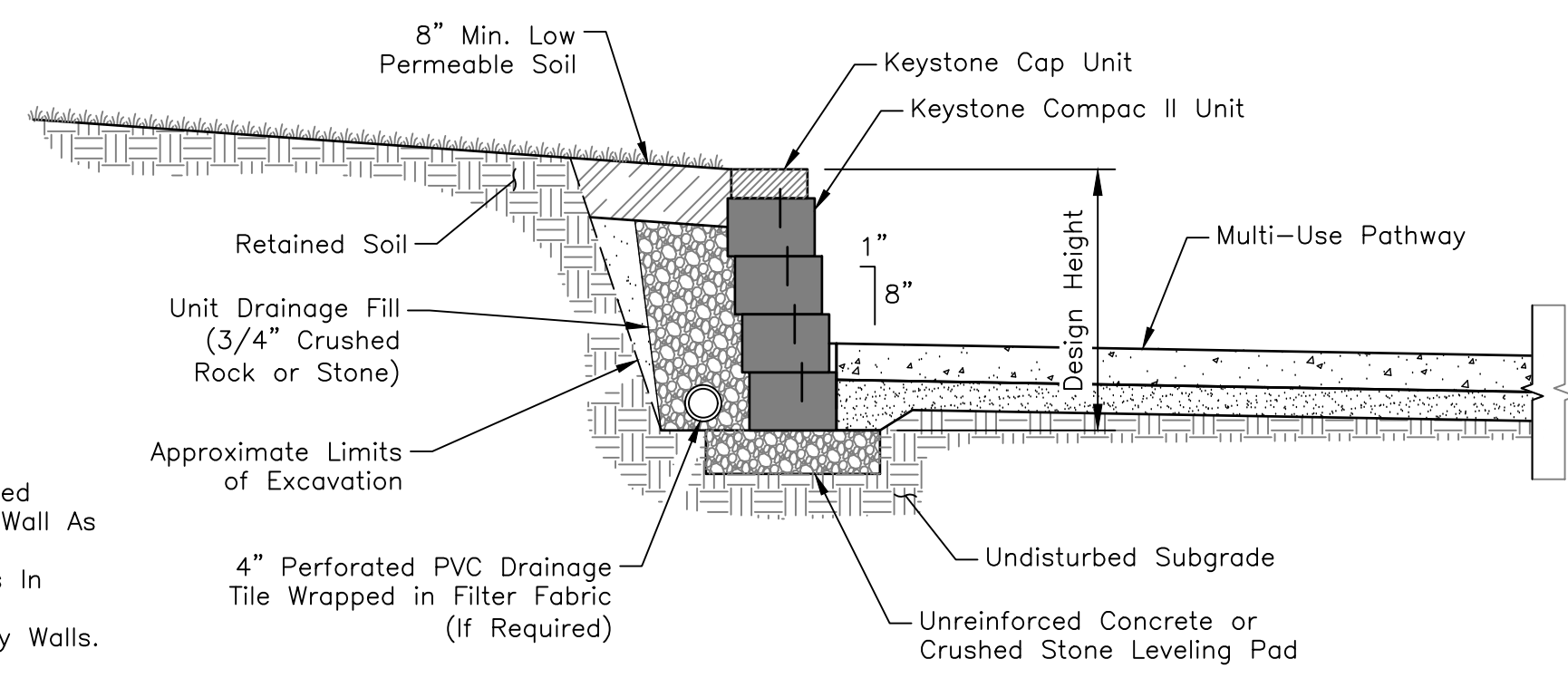
SIGNATURES

Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 1/2024

PATHWAY TRANSITION DETAILS

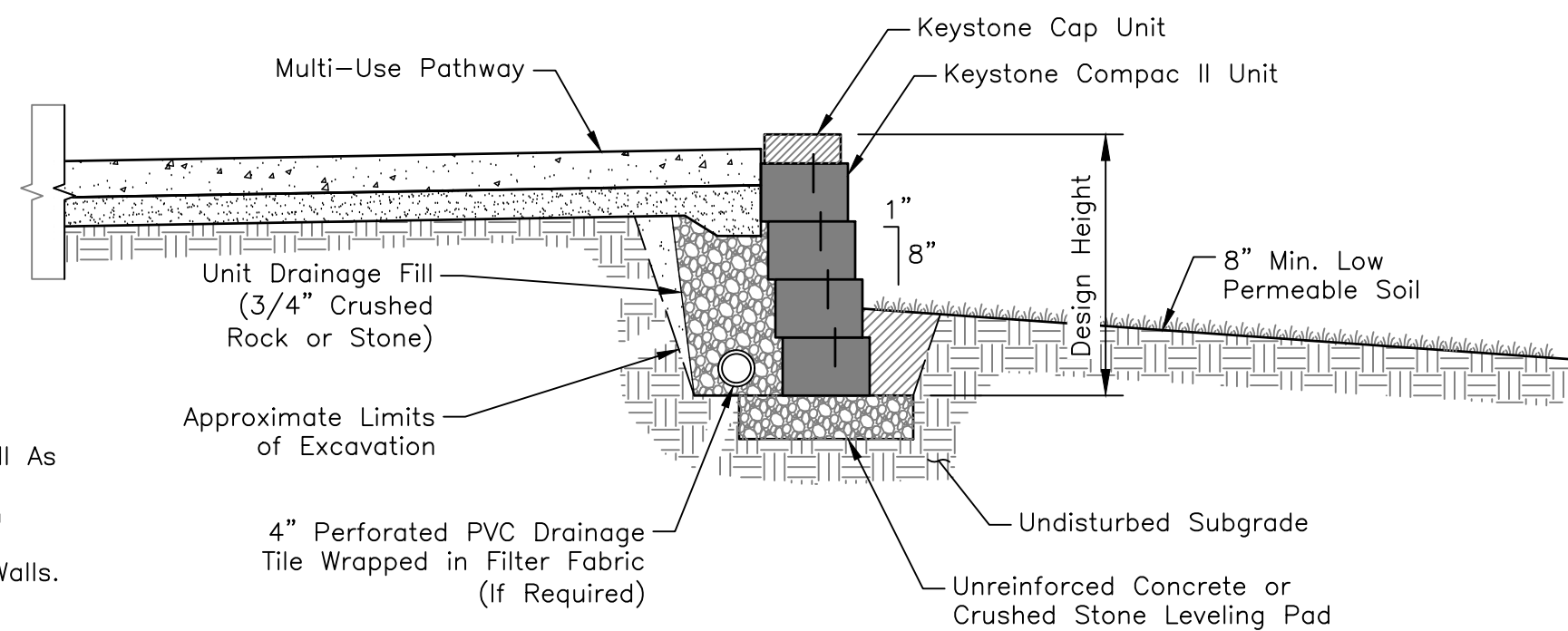
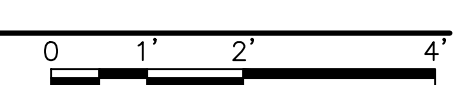
LAST SAVED: 6/4/2024 11:53 AM PRINTED: 6/27/2024 2:19 PM

J:\222104 UNDER RD TO FRANKLIN RD\C\_DESN\CAD\3 DESIGN\PLANS BID 2\LANDSCAPE DETAILS.DWG



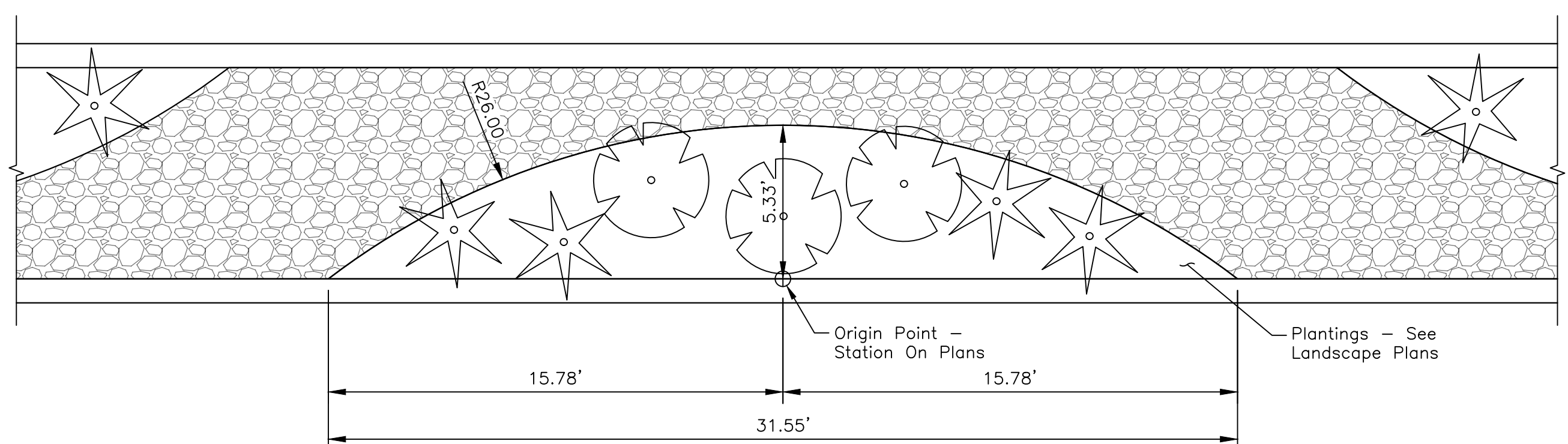
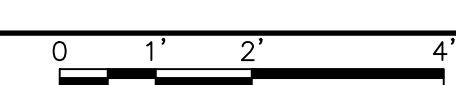
**Note:**  
 1. Use When Walls Do Not Exceed Maximum Height For Gravity Wall As Required By Manufacturer.  
 2. Where Possible Adjust Grades In Landscape Areas To Maintain Appropriate Height For Gravity Walls.  
 3. Install Per Manufacturer's Recommendations.

**B1** TYPICAL GRAVITY WALL SECTION - CUT  
 1/2" = 1'-0"

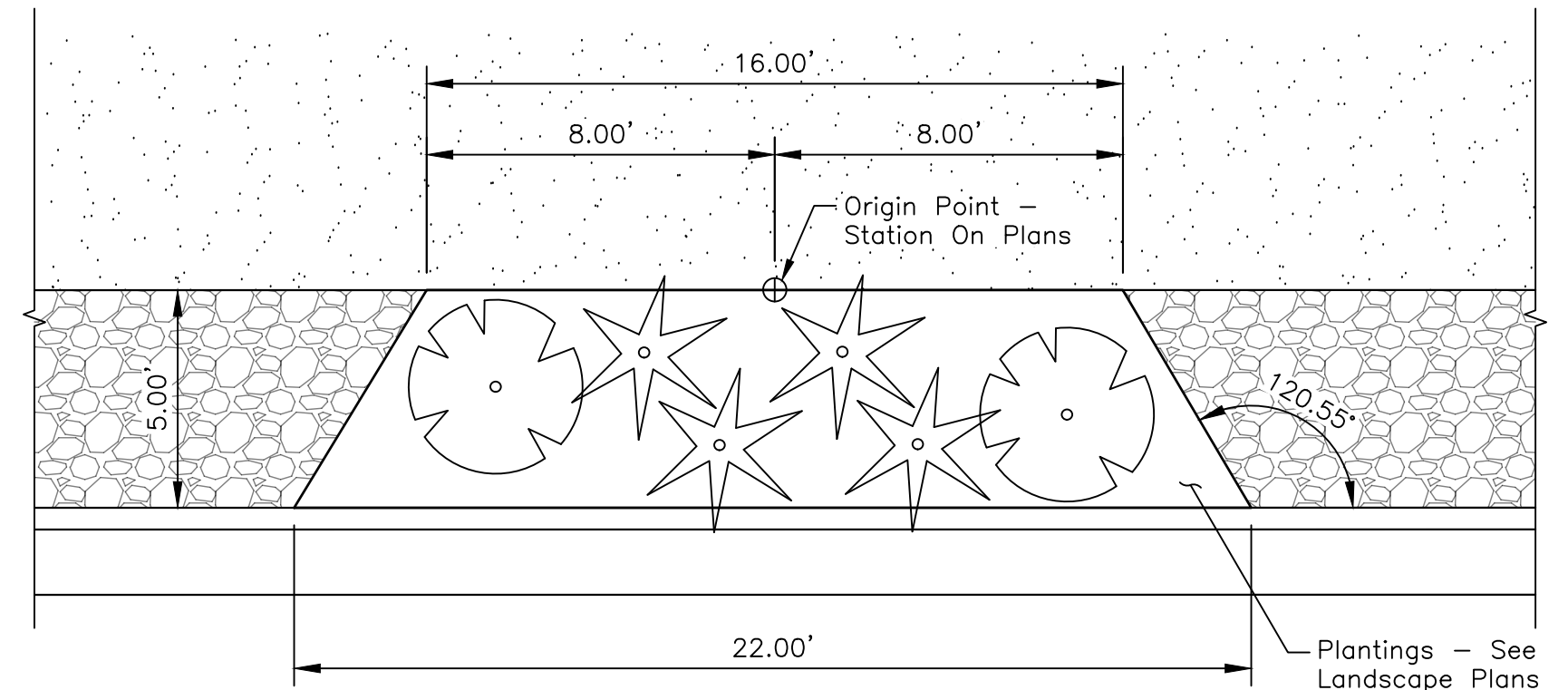


**Note:**  
 1. Use When Walls Do Not Exceed Maximum Height For Gravity Wall As Required By Manufacturer.  
 2. Where Possible Adjust Grades In Landscape Areas To Maintain Appropriate Height For Gravity Walls.  
 3. Install Per Manufacturer's Recommendations.

**B3** TYPICAL GRAVITY WALL SECTION - FILL  
 1/2" = 1'-0"



**A1** LANDSCAPE DETAIL 2 - MEDIAN  
 1:4



**A3** LANDSCAPE DETAIL 1 - BUFFER  
 1:4



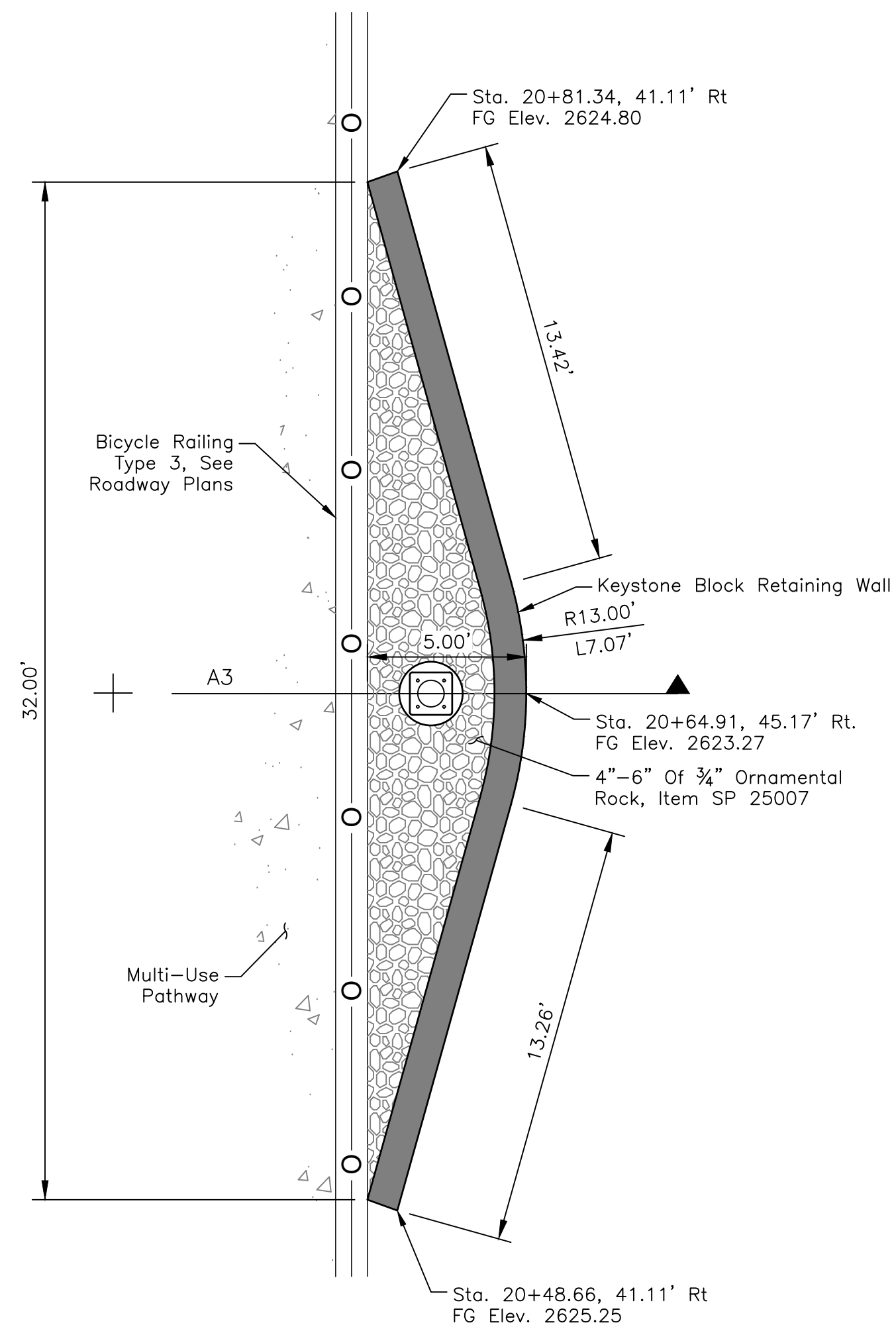
Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 1/2024

SIGNATURES			

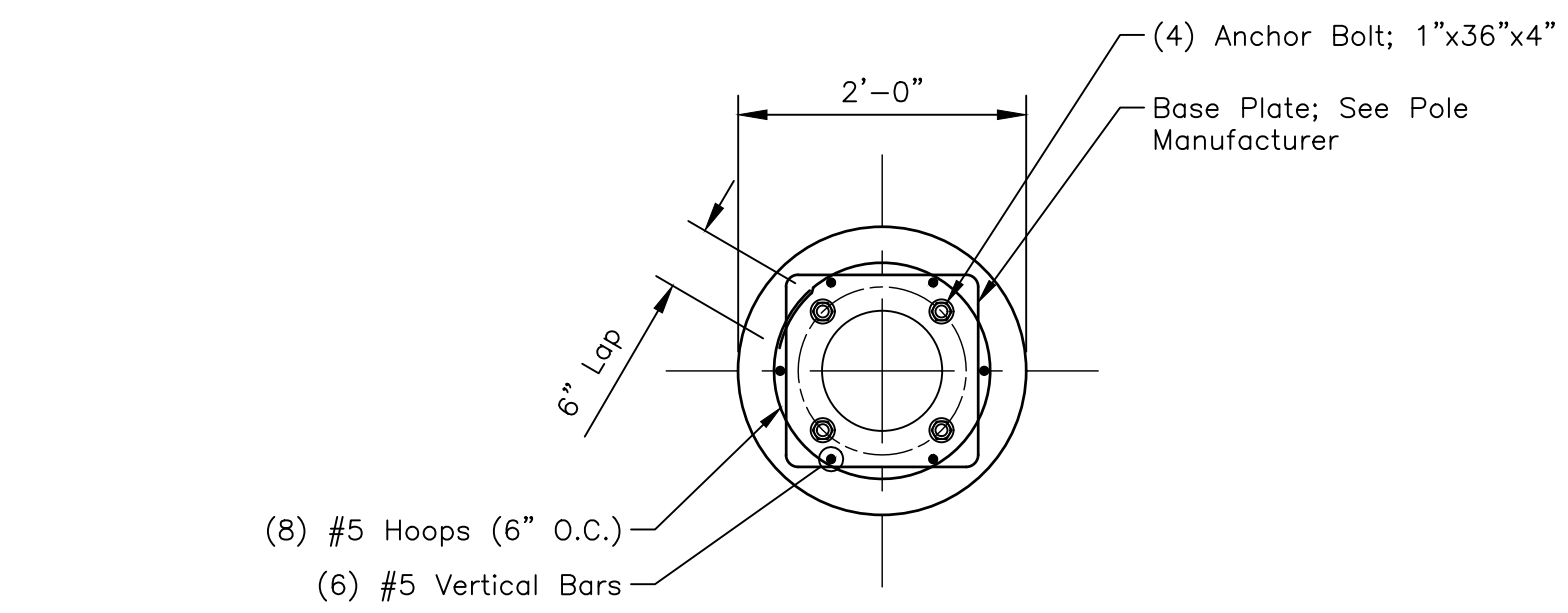
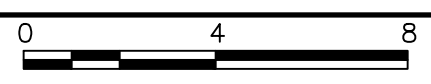
DETAIL TITLE  
**GRAVITY WALL & LANDSCAPE DETAILS**



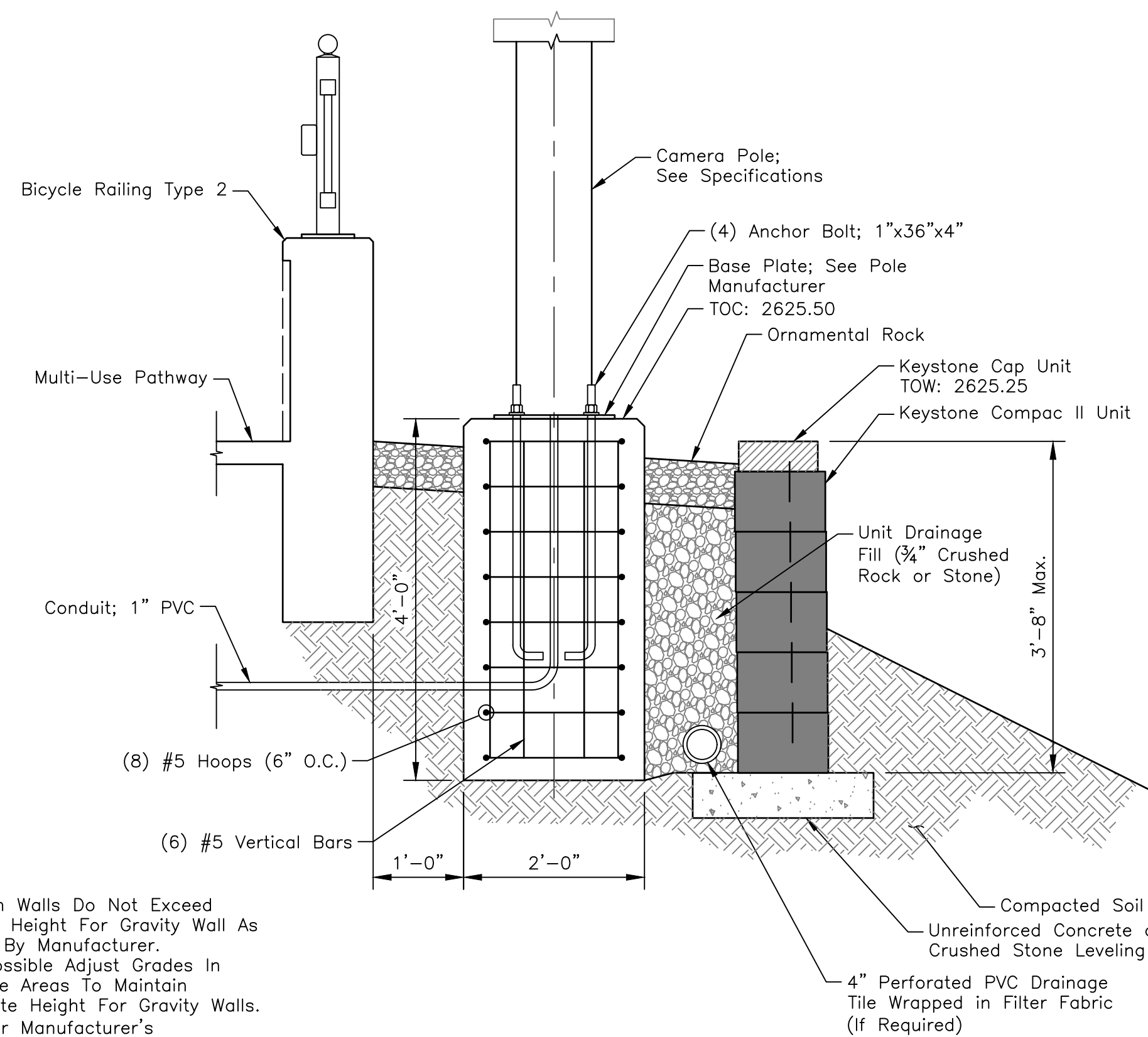
J:\222104 LINDER RD. OVERLAND RD. TO FRANKLIN RD.\C\_DESN\CAD\3 DESIGN\PLANS BID 2\RETAINING WALL CAMERA POLE.DWG LAST SAVED: 6/26/2024 1:39 PM PRINTED: 6/27/2024 2:19 PM



**A1** CAMERA POLE - PLAN VIEW  
1:4



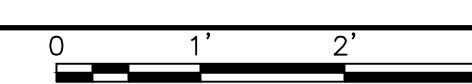
**Pole Base - Plan**



**Note:**

1. Use When Walls Do Not Exceed Maximum Height For Gravity Wall As Required By Manufacturer.
2. Where Possible Adjust Grades In Landscape Areas To Maintain Appropriate Height For Gravity Walls.
3. Install Per Manufacturer's Recommendations.

**A3** CAMERA POLE - SECTION  
3/4" = 1'-0"



Revisions:

• SIGNATURES •

Design By: J. Thornton

Date: 1/2024

Drawn By: A. Corley

Date: 1/2024

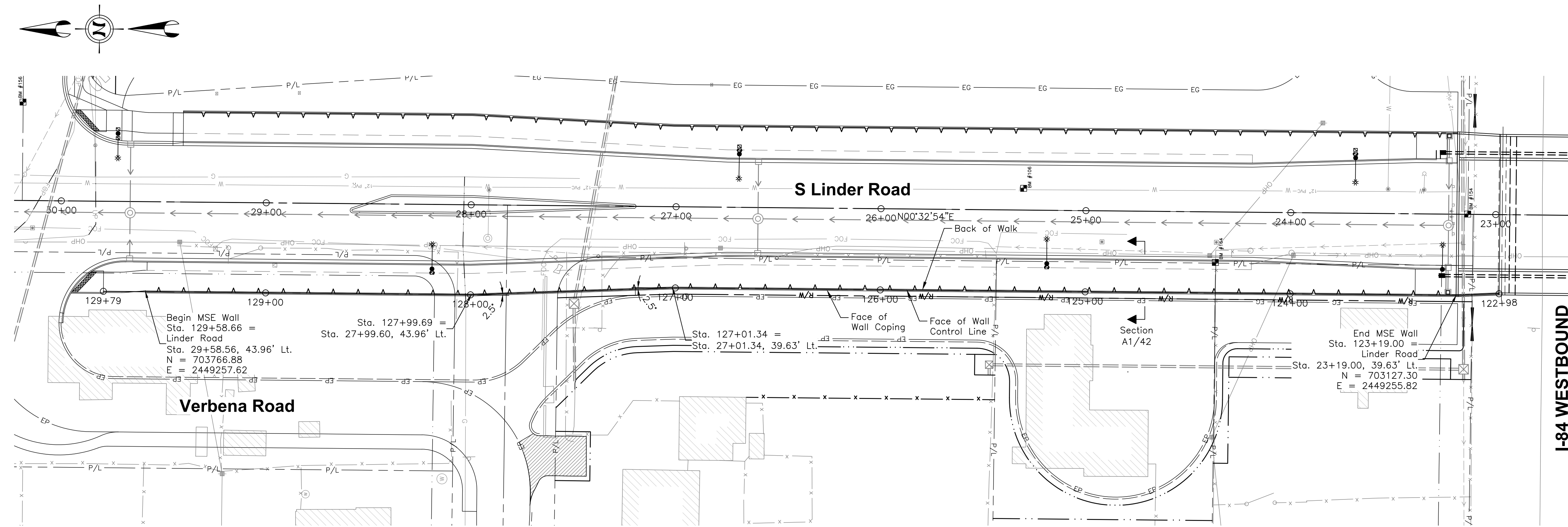
• D E T A I L T I T L E •

**CAMERA POLE DETAILS**

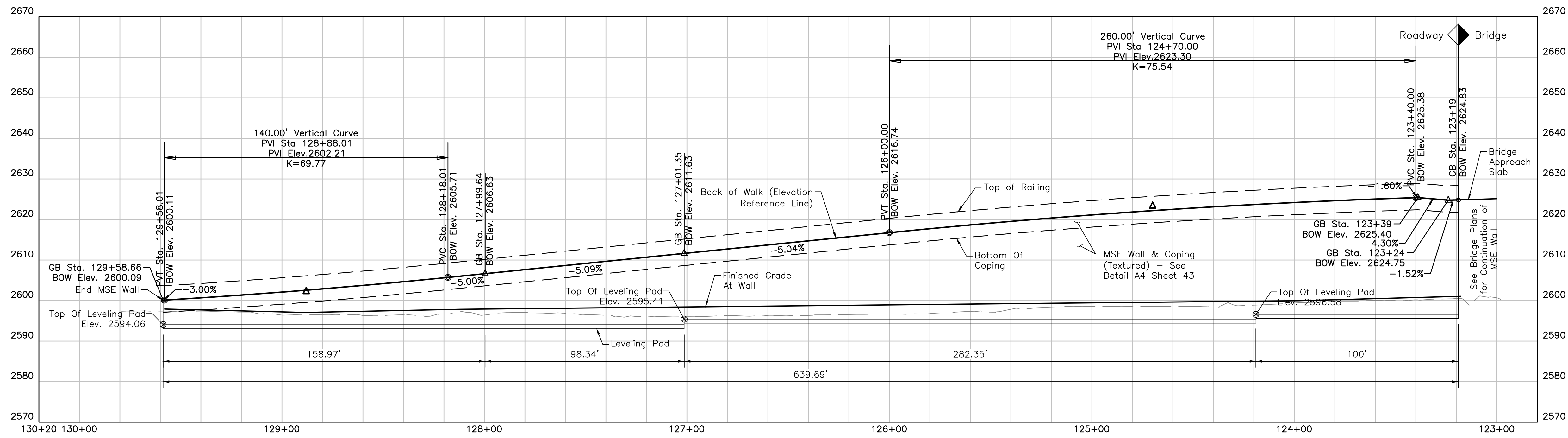
**KELLER ASSOCIATES**

PROFESSIONAL ENGINEER  
REGISTERED MEMBER  
DO NOT FOR CONSTRUCTION  
STATE OF IDAHO  
R. CARNALIAN





**RETAINING WALL PLAN & ELEVATION - LINDER ROAD LEFT (WEST WALL)**



Digital Signature

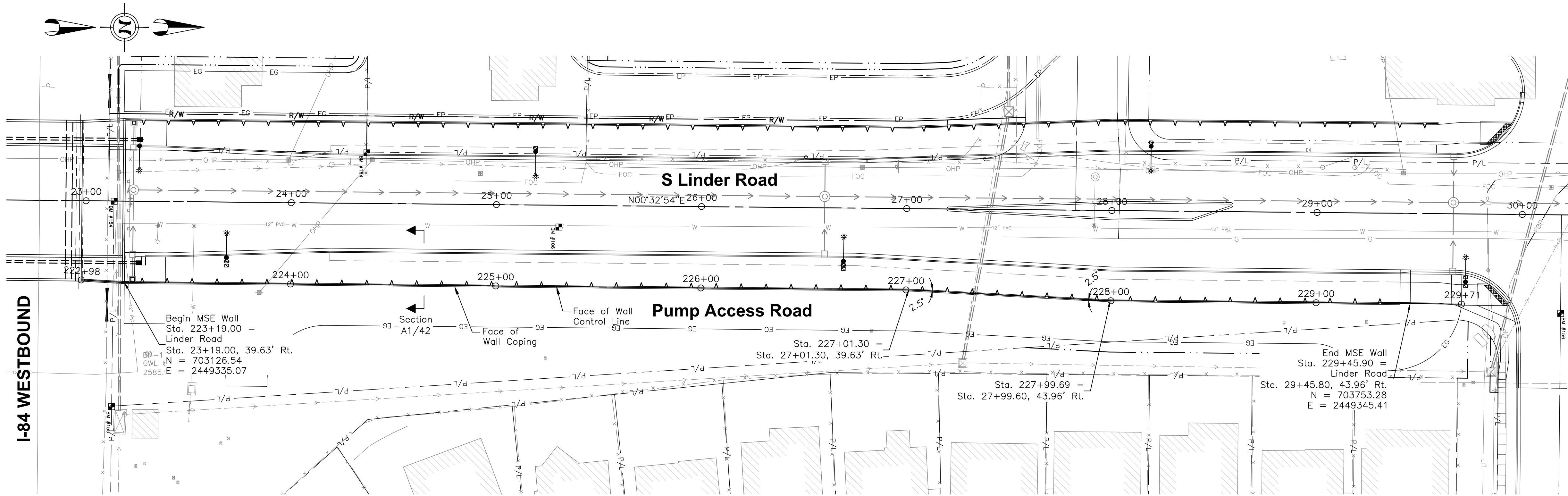
**NOT FOR CONSTRUCTION**

PROFESSIONAL ENGINEER  
REGISTERED IN THE STATE OF IDAHO  
R. CARNAHAN

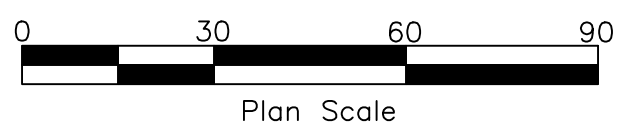
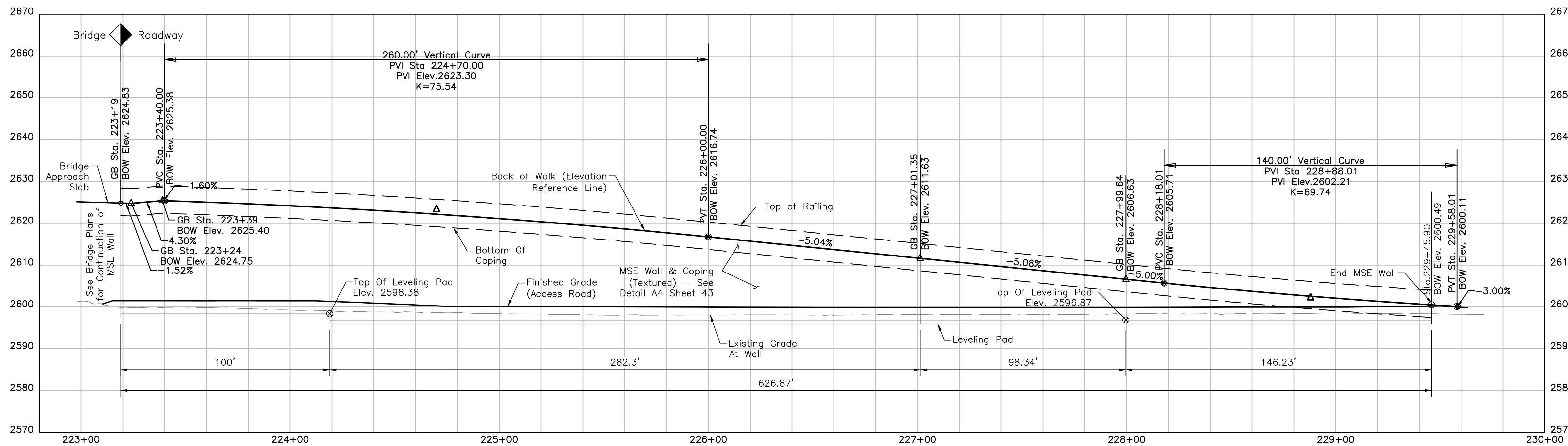
J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\RETAINING WALLS.DWG LAST SAVED: 6/27/2024 8:59 AM PRINTED: 6/27/2024 2:26 PM

Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 1/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	--------------	---------------------	---------------

**NOTES**



**RETAINING WALL PLAN & ELEVATION - LINDER ROAD RIGHT (EAST WALL)**

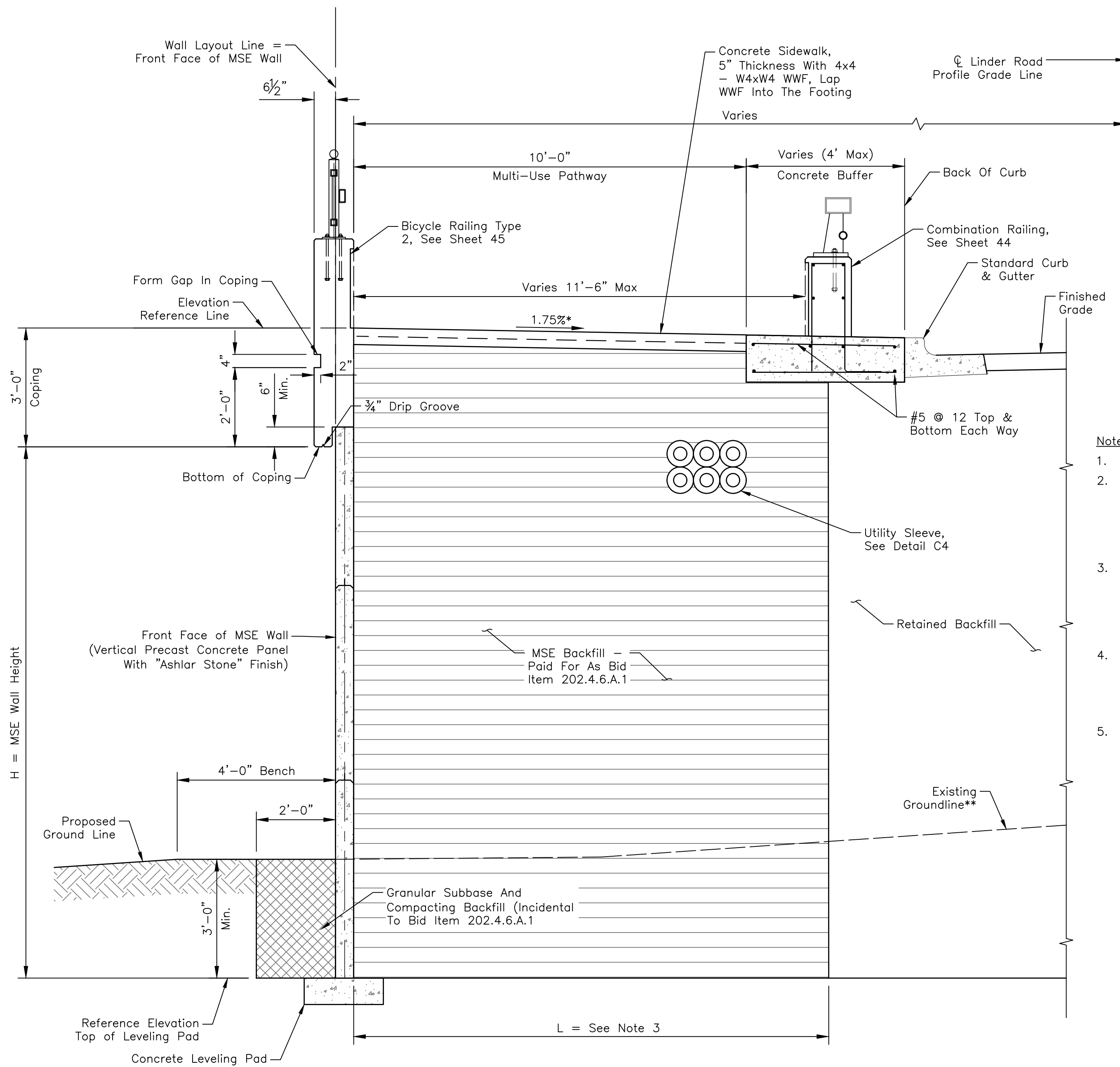


Digital Signature

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\_3\_DESIGN\PLANS BID 2\RETAINING WALLS.DWG LAST SAVED: 6/27/2024 8:59 AM PRINTED: 6/27/2024 2:26 PM

Revisions: Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 1/2024 Survey By: A. Hafen Date: 09/2022

J:\222104 LINDER RD. OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3 DESIGN\DWG\2\RETAINING WALL DETAILS 01.DWG LAST SAVED: 6/27/2024 10:28 AM PRINTED: 6/27/2024 2:26 PM

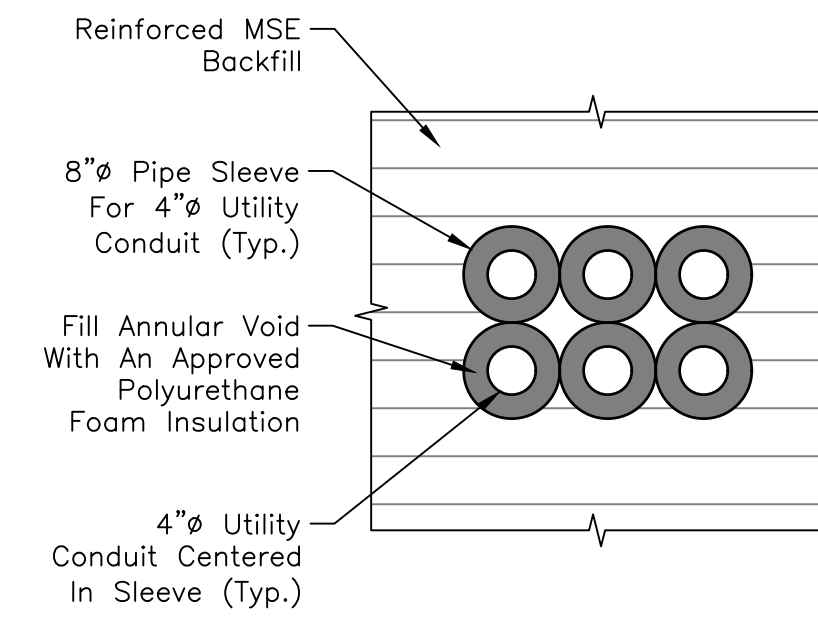


**A1 MSE WALL - TYPICAL SECTION**  
1/2" = 1'-0"

\* Transition Cross Slope To Match Cross Slope On Bridge In Transition Sections.  
\*\* All Excavation Required For MSE Wall Construction, Including MSE Backfill, Is Incidental To 202.4.6.A.1

**Notes:**

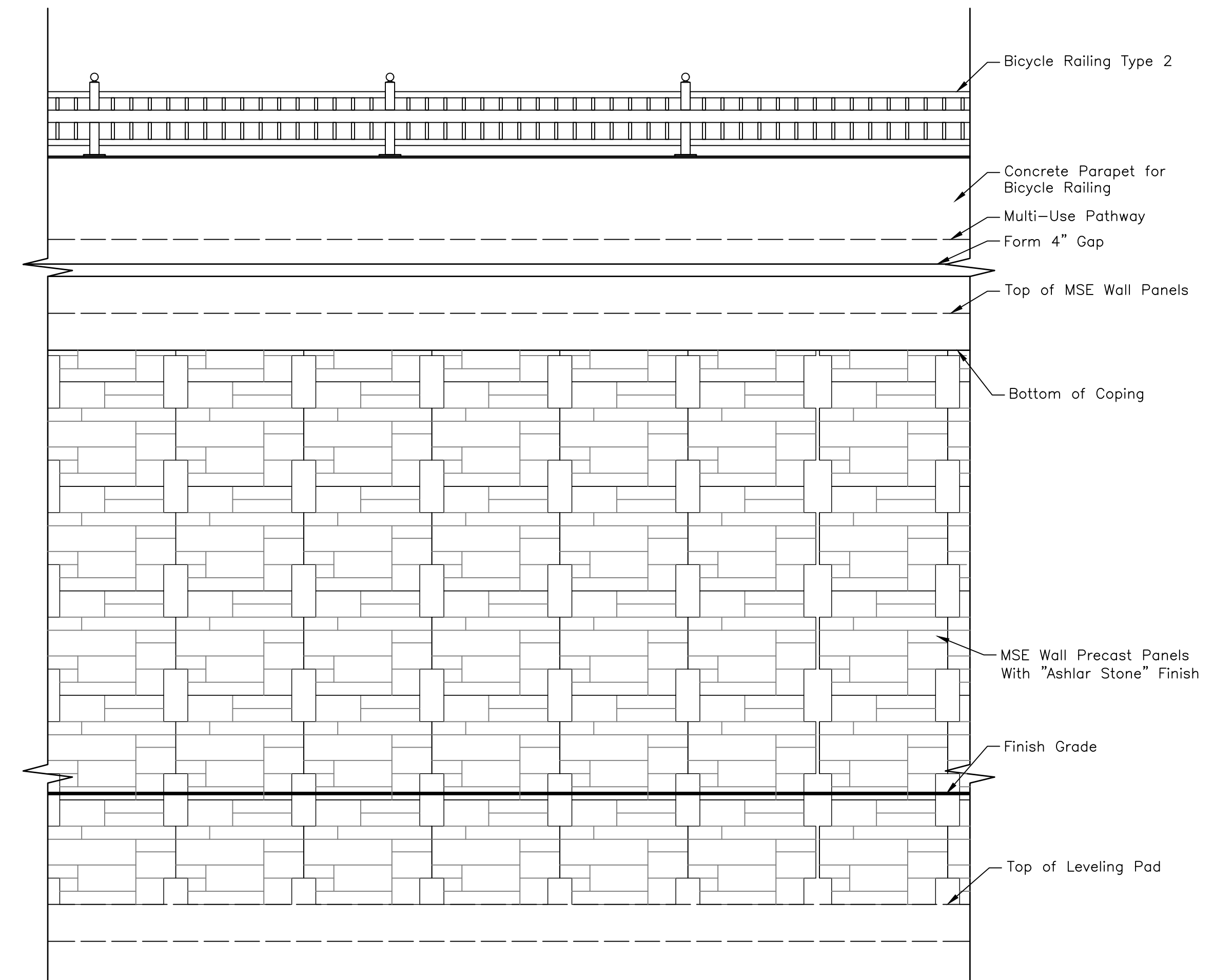
1. Provide MSE Walls in Accordance With S501-17A.
2. Bottom of Wall Layout And Elevations Are Shown For Estimating Purposes And May Be Adjusted As Required By The MSE Wall Manufacturer. Minimum Embedment Depth Of 3'-0" To Bottom Of Wall Shall Be Provided Below The Proposed Ground Line, Unless Otherwise Noted.
3. MSE Wall Reinforcement Length, L, Shall Be A Minimum 70 Percent Of the Height, H, From The Top Of Leveling Pad To Finished Grade At Back Face Of Coping And Not Less Than 8'-0". Actual MSE Wall Reinforcement Length Shall Be Determined By Wall Manufacturer.
4. All Stations, Offsets and Elevations For MSE Wall Are Computed At Outside Face of Wall. For Layout Purposes, MSE Wall Panel Thickness Of 5 1/2" Is Assumed. Make Adjustments If Different Thickness Panel Is Used. Provide 5 1/2" Minimum Thickness.
5. Design Concrete Leveling Pad Per Manufacturer's Specifications.



**Notes:**

1. Utility Conduits Shall Be Fully Sleeved Through The Reinforced MSE Backfill.
2. Utility Sleeve Locations Shall Be Coordinated With Locations Of Bridge Abutment Utility Sleeves & MSE Wall Reinforcement.
3. Utility Sleeves Shall Be Standard Weight, Conform To ASTM A53, Grade B And Galvanized In Accordance With ASTM A123.
4. The Cost Of Furnishing And Installing The Utility Sleeves And Polyurethane Foam Insulation Shall Be Incidental To S501-17A.

**C4 UTILITY SLEEVE DETAIL**  
N.T.S.



**A4 MSE WALL - FACE**  
N.T.S.

Revisions:

• SIGNATURES •

Design By: J. Thornton

Date: 1/2024

Drawn By: A. Corley

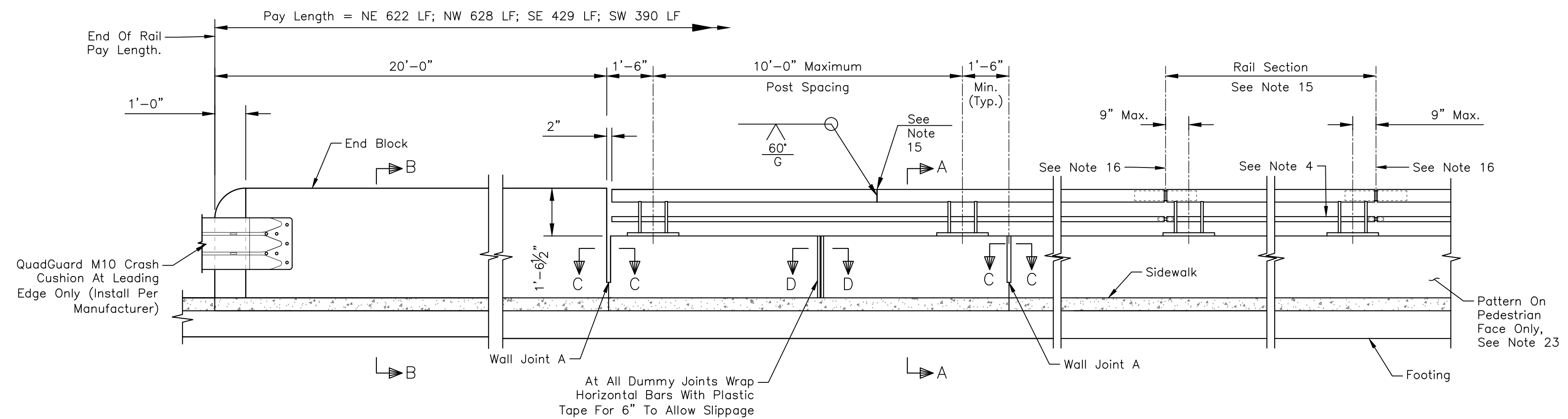
Date: 1/2024

• D E T A I L T I T L E •  
**RETAINING WALL DETAILS**

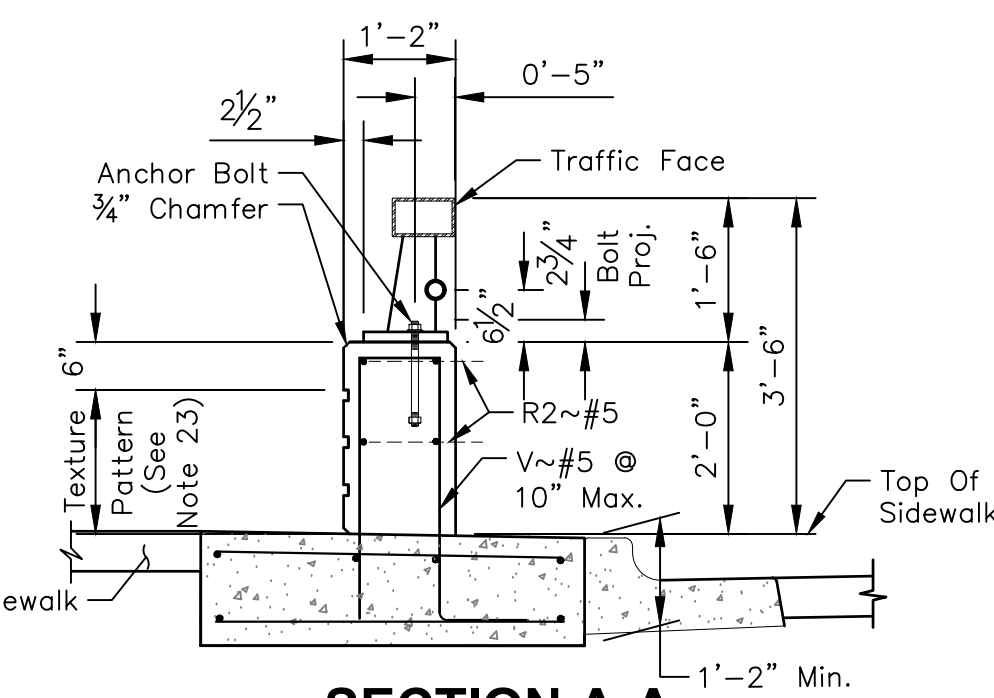
**KELLER ASSOCIATES**

PROFESSIONAL ENGINEER  
REGISTERED  
STATE OF IDAHO  
R. CARNAHAN  
CONSTRUCTION

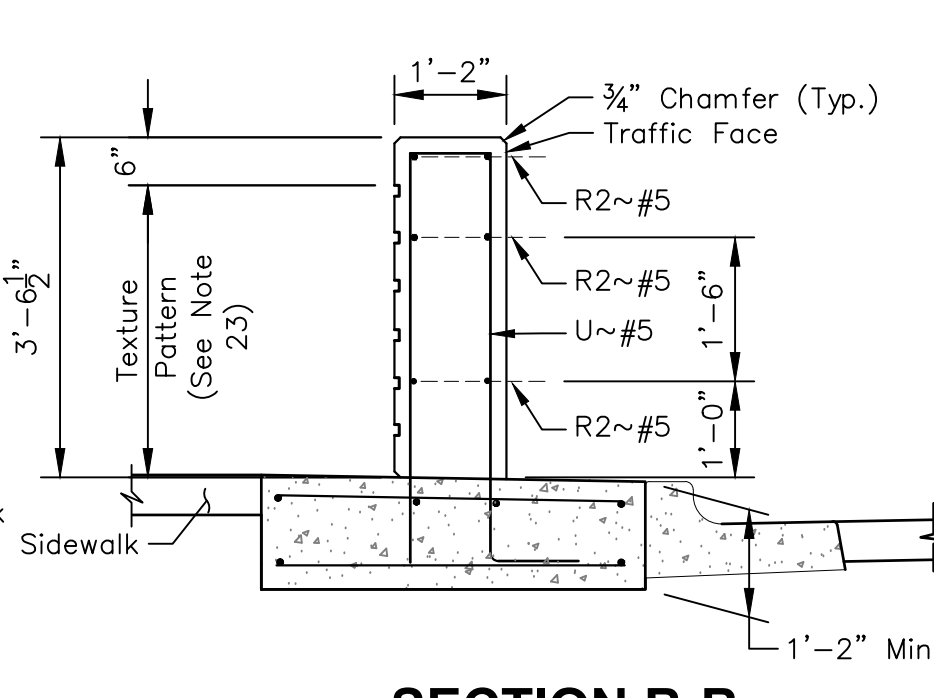
J:\222104 UNDER RD. OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\RAILING COMBINATION DETAILS 01.DWG LAST SAVED: 6/27/2024 9:51 AM PRINTED: 6/27/2024 2:27 PM



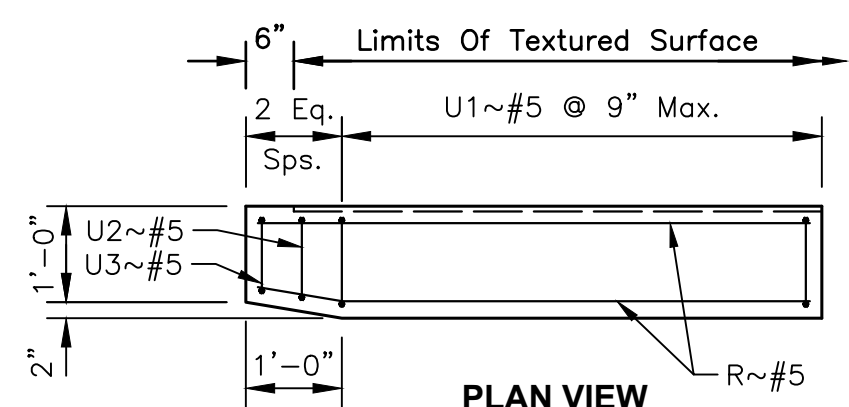
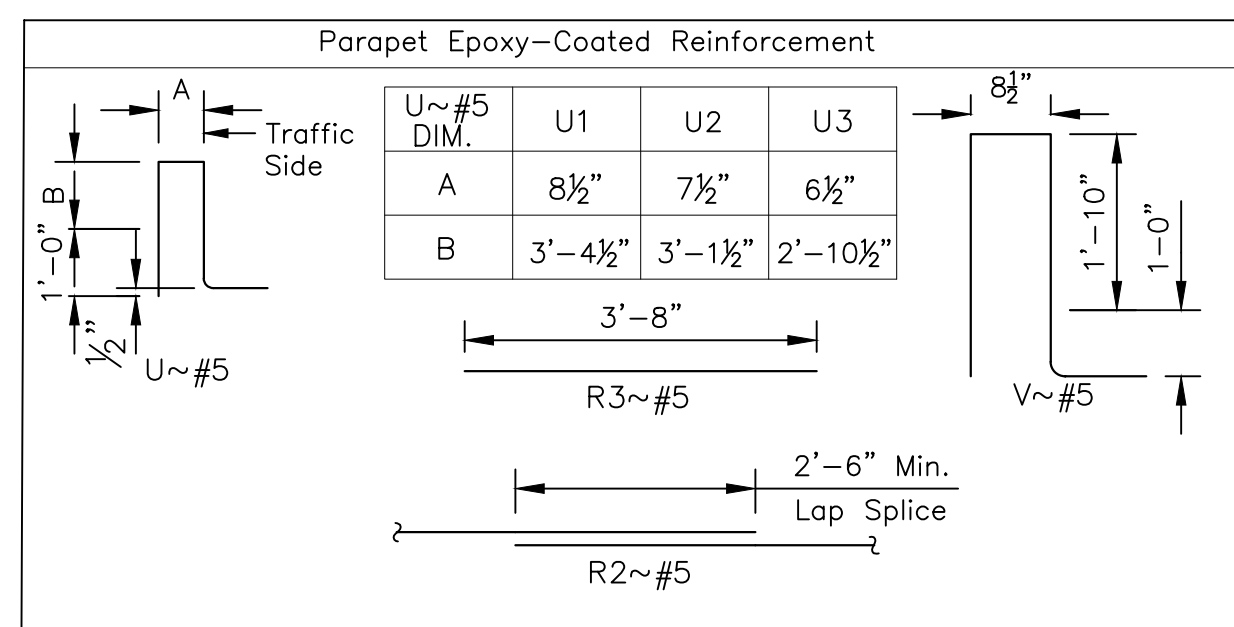
**COMBINATION PEDESTRIAN RAILING - ELEVATION**



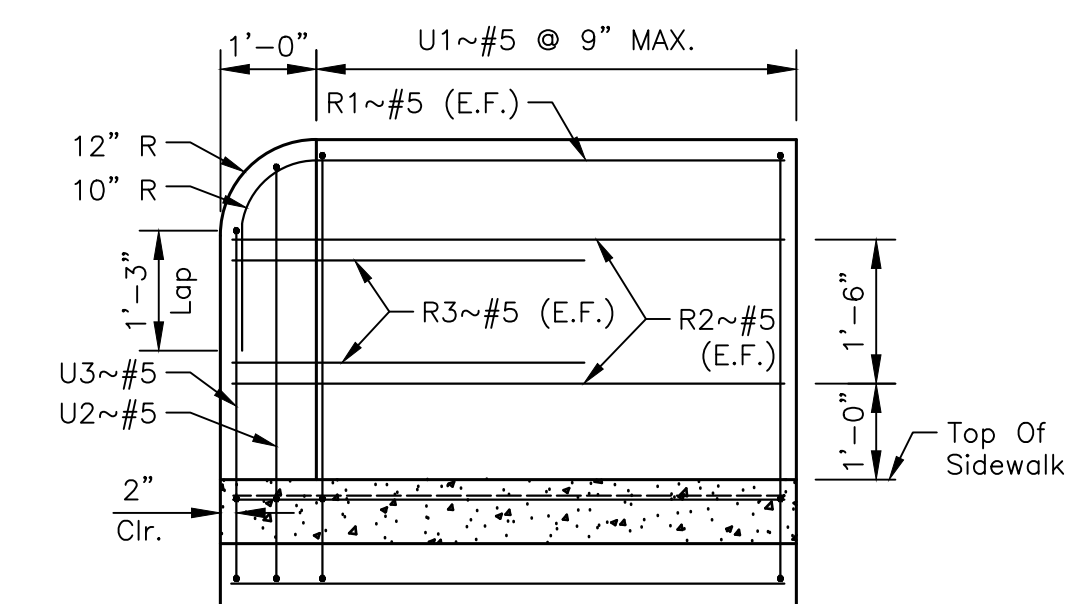
**SECTION A-A**  
TYPICAL SECTION ON SIDEWALK



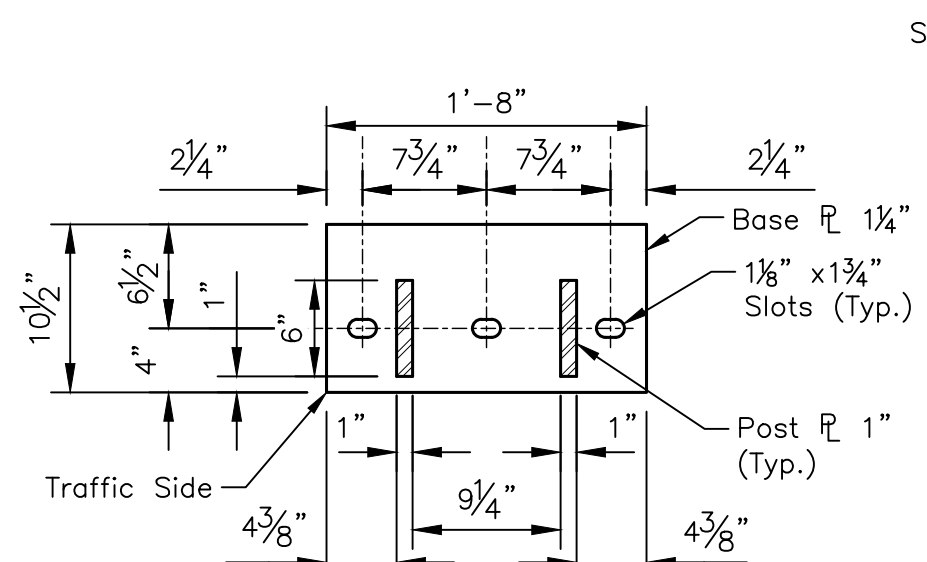
**SECTION B-B**  
TYPICAL SECTION AT END BLOCK



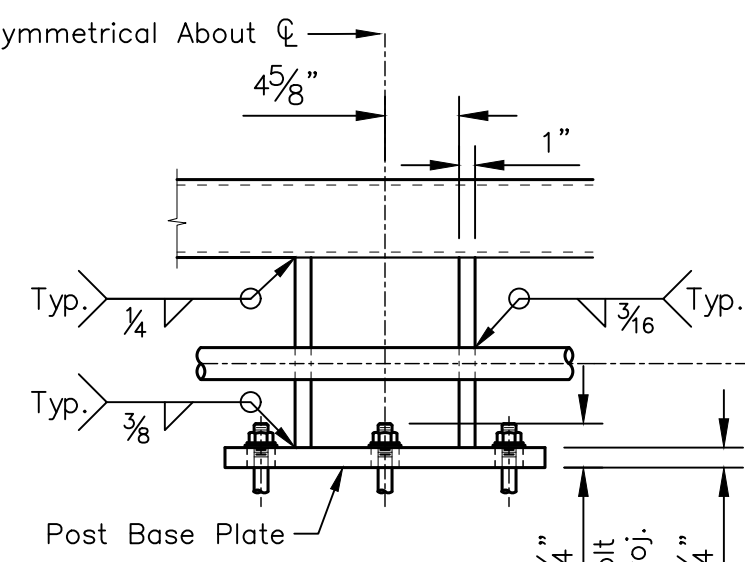
**PLAN VIEW**



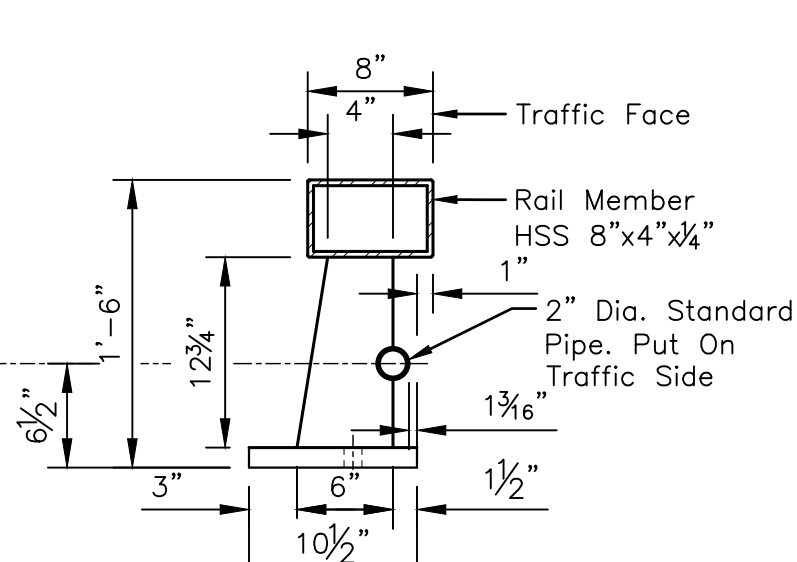
**ELEVATION VIEW**  
**AT TERMINATION OF WALL**



**POST BASE PLATE**

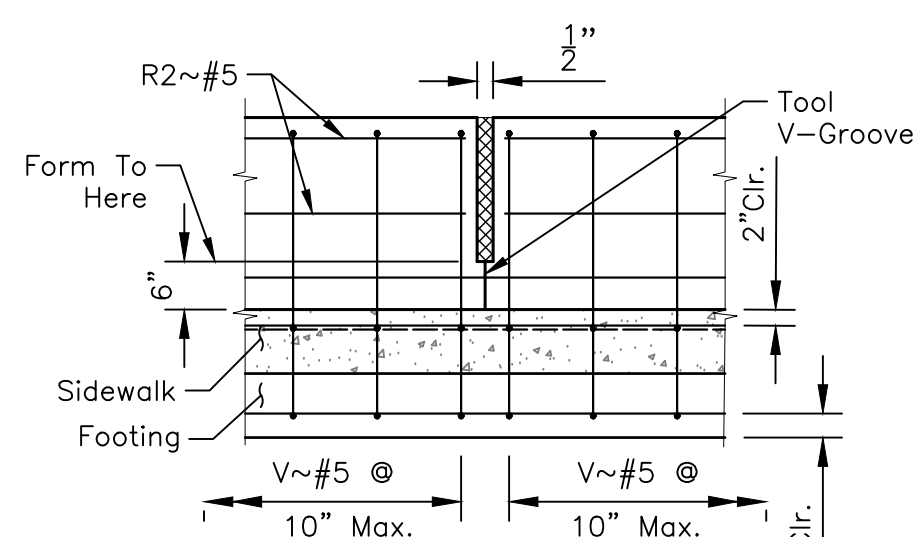


**ELEVATION**

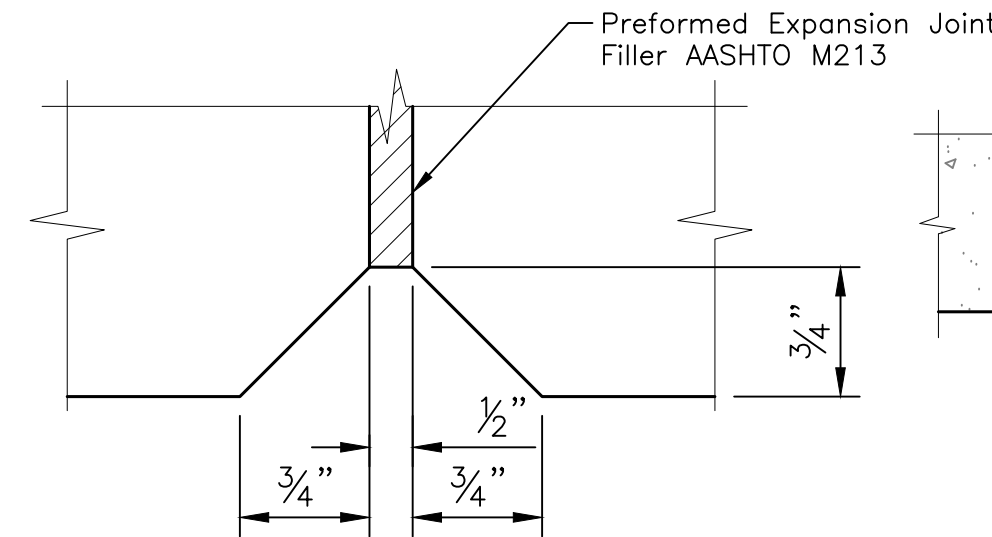


**SECTION THRU RAIL**

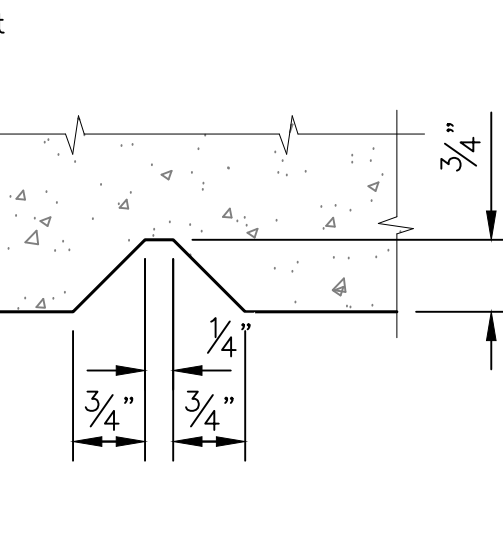
**TUBE WITH RAIL POSTS & ANCHORAGE DETAILS**



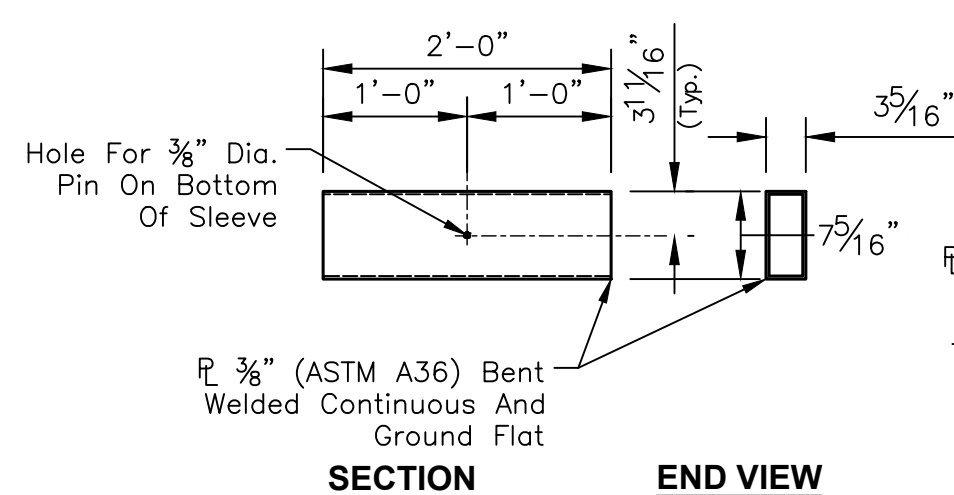
**WALL JOINT A**



**SECTION C-C**  
(Typ. @ Both Sides Of Wall And Top Of Sidewalk)

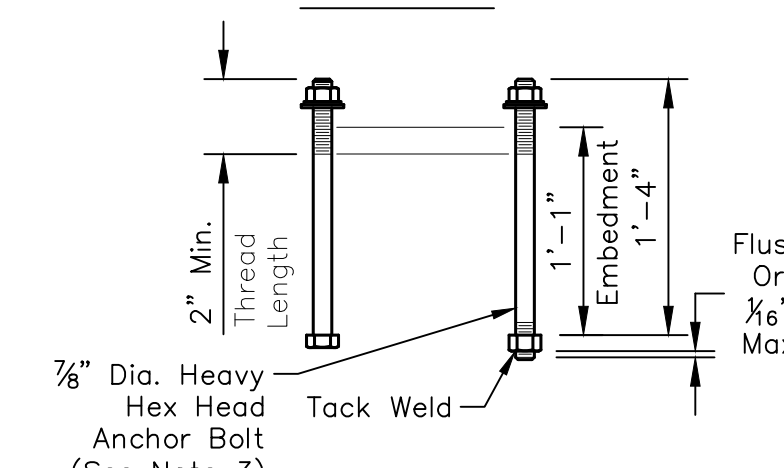


**SECTION D-D**  
(DUMMY JOINT)  
(Typ. @ Both Sides Of Wall And Top Of Sidewalk)

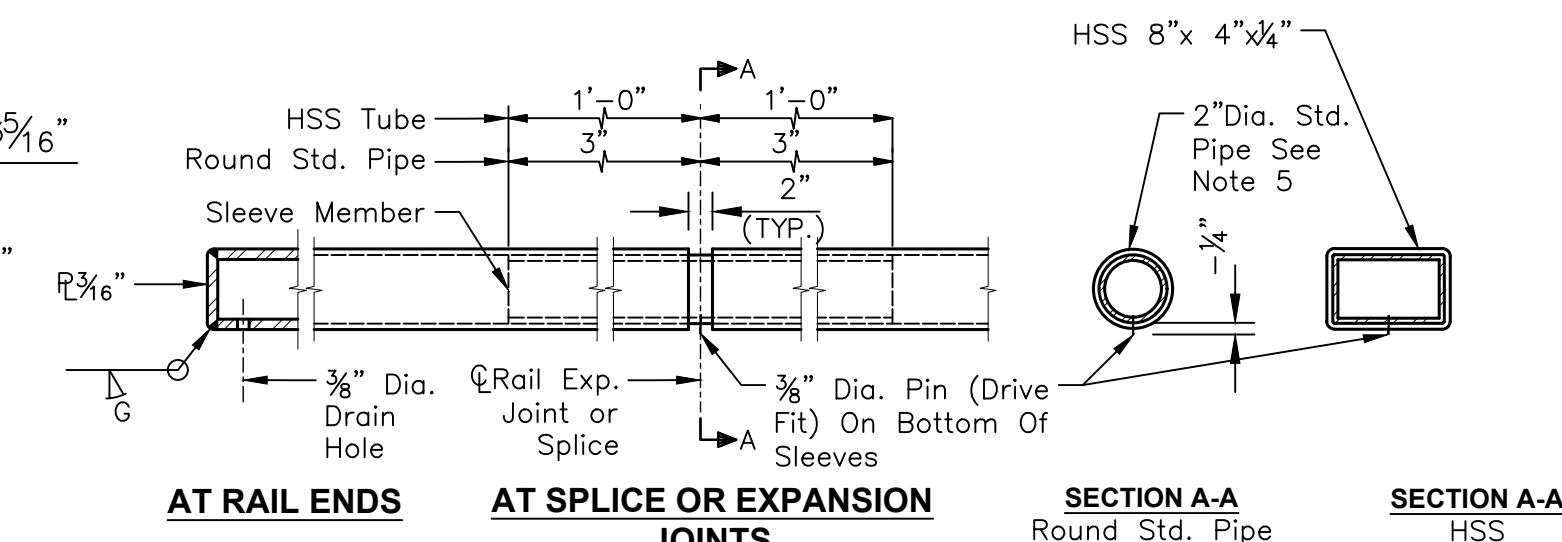


**SECTION END VIEW**

**HSS TUBE SLEEVE MEMBER DETAIL**



**CAST-IN-PLACE ANCHOR BOLT**



**TUBE FABRICATION DETAILS**

- NOTES**
- Materials**
- Provide Structural Steel Tubing That Conforms With ASTM A500 Grade B.
  - Provide Structural Steel Plates That Conform With ASTM A572 Grade 50 or A529.
  - Provide Anchor Bolts That Conform ASTM F3125 Grade A325 or ASTM A449 or Threaded Rods in Accordance With ASTM 1554 Grade 105. Provide One Tack Welded Heavy Hex Nut And One 2 1/2" Dia. Hardened Steel Washer At Each Bolt. Provide Hardened Steel Washer That Conforms With ASTM F436. Provide Nuts That Conform With ASTM A563.
  - Provide 2" Dia. Standard Pipe That Conforms With ASTM A53 Grade B, ASTM A1085, Or ASTM A500 Grade B.
  - Provide 1 1/2" Dia. Standard Pipe Sleeve Member That Conforms With ASTM A53 Grade B Or ASTM A50 Grade B.
- Galvanizing/Powder Coating**
- Galvanize Structural Steel Parts, Railing, And Sleeves After Fabrication In Accordance With ASTM A123 And ASTM A153. Thoroughly Clean Welded Areas Prior To Galvanizing To Remove Slag Or Other Material That Would Interfere With The Adherence Of The Zinc. Provide Galvanized Surfaces Free Of Fins, Abrasions, Rough Or Sharp Edges, Or Other Surface Defects. Repair Damaged Coatings In Accordance With ASTM A780 And ASTM A123.
  - Powder Coat The Railing System After Galvanizing With A Minimum Thickness Of 3 Mils. Paint With Color RAL 9005 (Jet Black). Submit A Color Sample For Approval.
  - Prepare The Galvanized Surface For Powder Coating In Accordance With ASTM D7803. Submit Powder Coating Shop Procedures For Preparation Of The Galvanized Surfaces And Application Process Of The Powder Coating For Approval. Repair Scratches, Pits, And Other Defects In Accordance With The Powder Coating Manufacturer's Written Instructions.
- Fabrication And Erection**
- Fabricate And Erect The Railing In Accordance With The Current Edition Of AASHTO Specifications For Highway Bridges And ITD Standard Specifications.
  - Submit Shop Drawings 504.01 F And 105.02.
  - Construct Railing Conforming To The Horizontal And Vertical Alignment Of The Sidewalk. Install Posts Normal To Grade In Longitudinal Direction And Vertical In Transverse Direction.
  - Saw Or Mill All Ends Of Tube Sections At Splices. Provide Cut Ends That Are True, Smooth, And Free From Burrs Or Ragged Edges.
  - Provide Vent Holes For Galvanizing As Required And Shown On The Shop Drawings. Drill Vent Holes Away From Traffic Face And Not On The Top Surface Of The Horizontal Tubes.
  - Attach Rail Sections To At Least Two Posts, But Not More Than Four. One Shop Splice Per Pipe Rail Section Is Permitted With A Maximum 85% Penetration Weld. Provide Square Groove Or Single V-Groove Weld And Grind Smooth.
  - Provide Expansion Joint Or Splice Joint In Rail As Required.
  - Cap Open Ends Of Hollow Structural Steel Sections.
  - Round Or Chamfer Exposed Edges Of Steel Components 1/16" By Grinding Prior To Galvanizing.
- Parapet Notes**
- Provide Concrete Class 40AF.
  - Provide Epoxy Coated Grade 60 Type S Reinforcement In Accordance With 708.02.
  - Provide A Rubbed Surface Finish To The Traffic Face In Accordance With
  - Provide 2" Clear Cover To All Reinforcing Unless Noted Otherwise. 502.03 Part I.
  - Provide A Textured Surface To The Inside (Multi-Use Trail) Face In Accordance With 575 Using Pattern Custom River/Rock On Sheet 46 With A Max. Depth Of 1 1/2".
  - Construct The Parapet Plumb, With Steel Posts Square To The Top Of The Parapet. Provide Type B Class 1 Grout In Accordance With 705.02 Under Post Base If Gaps Greater Than 1/8" Exist. Place Parapet After The Sidewalk Is Placed. Slip Forming Is Not Allowed.
  - Water Cure The Concrete Surface In Accordance With 502.03 Part J.
  - Provide Wall Joints, Spaces Not To Exceed 60'-0". Provide Dummy Joints Uniformly The Length Of The Sidewalk Spaced At Not Less Than 6' Nor Greater Than 12'.
  - Form Or Core Holes And Recesses In Attenuator Connection. Percussion Drilling Is Not Permitted. Adjust Placement Of Reinforcing To Avoid Bolt Holes And Recesses. Provide Bolt Recesses On The Back Side Of The Rail (Multi-Use Trail Side). Provide Bolts Of Sufficient Length To Extend 3/4" Beyond Nut.
- Method Of Measurement**
- Furnish And Install The "Combination Pedestrian Railing" As Shown On The Plans, Complete In Place.
- APPROXIMATE QUANTITIES**
- Concrete:.....2.33 CF/LF  
Structural Steel:.....34 LB/LF  
Epoxy Reinforcement:.....13 LB/LF

Revisions:

• SIGNATURES •

Design By: J. Thornton

Date: 1/2024

Drawn By: A. Corley

Date: 1/2024

**COMBINATION PEDESTRIAN RAILING**

# NOTES

## MATERIALS

1. Provide Structural Steel Plates & Sleeves That Conform With ASTM A709 Grade 36.
2. Provide Structural Steel Tubing That Conforms With ASTM A500 Grade B Or ASTM A501.
3. Provide Bolts, Acorn Nuts, And Washers That Conform With ASTM A307.
4. Provide Hexagonal Bolts And Nuts That Conform With ANSI B18.2.1 And B18.2.2.
5. Provide Round Head Machine Screws That Conform With ANSI B18.6.3.
6. Provide Epoxy Coated Grade 60 Type S Metal Reinforcement In Accordance With 708.02.

## GALVANIZING/POWDER COATING

7. Galvanized Steel Parts After Fabrication In Accordance With ASTM A123 And ASTM A153.
8. Galvanize Anchor Bolts, Nuts, And Washers In Accordance With ASTM A153.
9. Thoroughly Clean Welded Areas Prior To Galvanizing To Remove Slag Or Other Material That Would Interfere With The Adherence Of The Zinc. Repair Damaged Coatings In Accordance With ASTM A780 And ASTM A123.
10. Provide Galvanized Surfaces Free Of Fines, Abrasions, Rough Or Sharp Edges, Or Other Surface Defects.
11. Powder Coat The Railing System After Galvanizing With A Minimum Thickness Of 3 Mils. The Color Will Be RAL 9005 (Jet Black). Submit A Color Sample For Approval.
12. Prepare The Galvanized Surfaces For Powder Coating In Accordance With ASTM D7803. Submit Powder Coating Shop Procedures For Preparation Of The Galvanized Surfaces And Application Process Of The Powder Coating For Approval.
13. Repair Scratches, Pits, And Other Defects In Accordance With The Powder Coating Manufacturer's Written Instructions.

## FABRICATION AND ERECTION

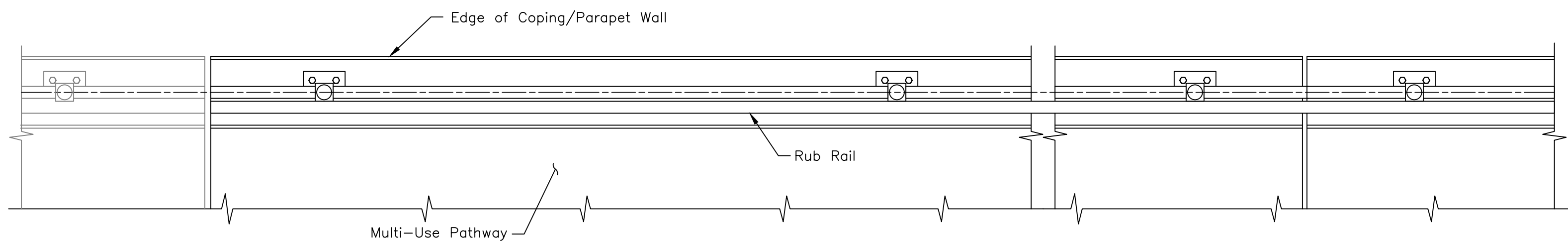
14. Fabricate And Erect The Railing In Accordance With The Current Edition Of AASHTO Specifications For Highway Bridges And ITD Standard Specifications.
15. Submit Shop Drawings In Accordance With 504.01 F And 105.02.
16. Construct Railing Conforming To The Horizontal And Vertical Alignment Of The Structure, Install Posts Normal To Grade In Longitudinal Direction And Vertical In Transverse Direction.
17. Saw Or Mill Ends Of The Tube Sections At Splices. Provide Cut Ends That Are True, Smooth And Free From Burrs Or Ragged Edges.
18. Provide Vent Holes For Galvanizing As Required And Shown On The Shop Drawings. Drill Vent Holes Away From Traffic Face And Not On The Top Surface Of The Horizontal Tube.
19. Attach Each Rail Section To A Minimum Of Two Posts, But Preferably Three Or More. Railing System Will Be Continuous. Locate Each Joint In A Rail Length At The Same Position In The Section And Splice As Detailed.
20. Submit Alternate Splice Details For Approval On The Shop Drawings.

## METHOD OF MEASUREMENT

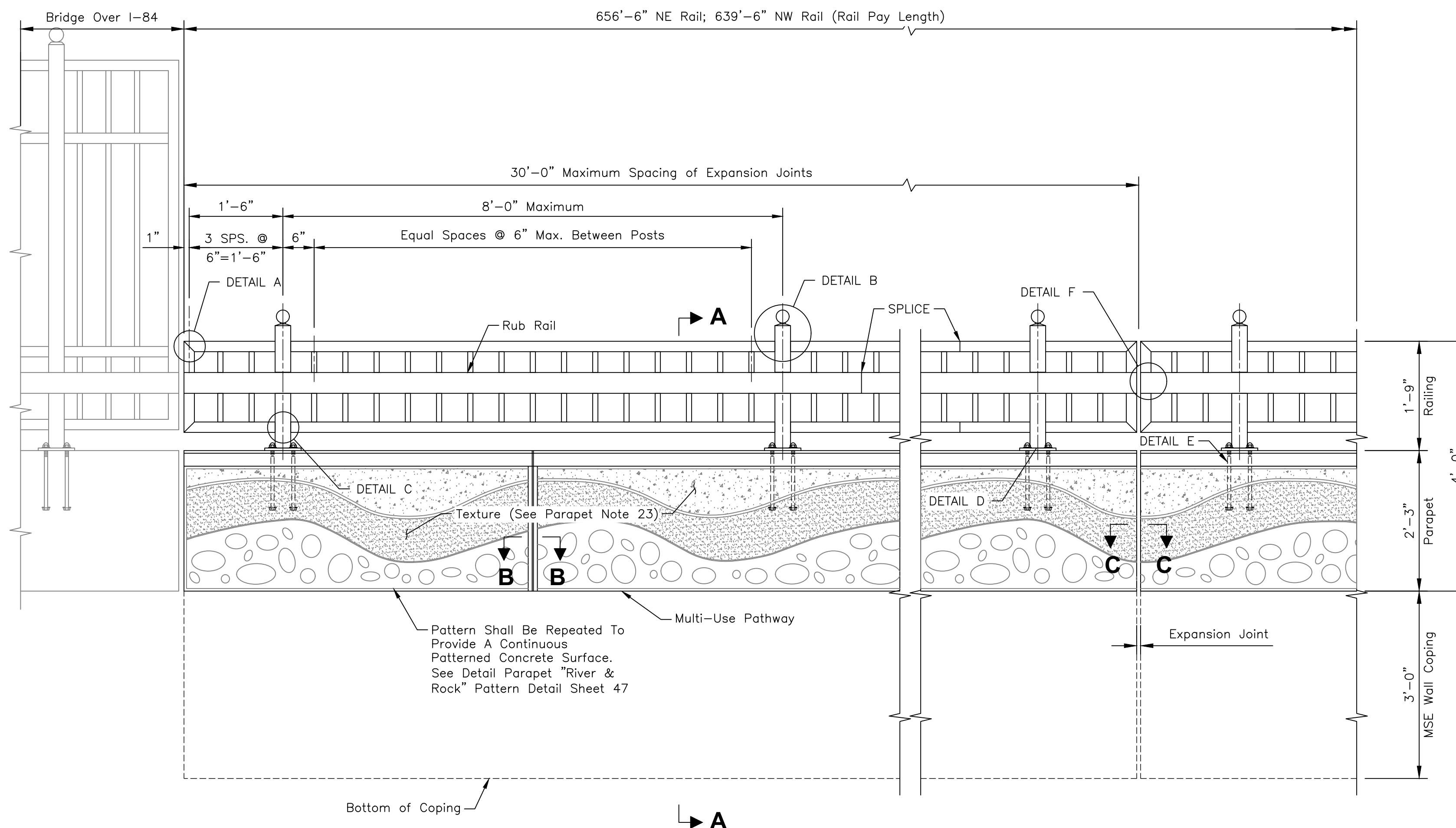
21. Furnish And Install "Bicycle Railing" Shown On The Plans, Complete In Place, Measured By The Linear Foot.

## PARAPET

22. Provide Concrete Class 40AF. For Parapet And Class 40A For Drilled Post Hole.
23. Provide Textured Surface To Inside and Outside of Bicycle Railing Parapet. Provide Textured Surface in Accordance With 575, Using Pattern Shown on Sheet 46.
24. Provide Type B Class 1 Grout in Accordance With 705.02 Under Post Base If Gaps Greater Than 1/16" Exist.
25. Place Parapet After The Sidewalk Is Placed. Slip Forming Is Not Allowed.
26. Water Cure The Concrete Surface In Accordance With 502.03 Part J.
27. Provide Wall Joints, Spaces Not To Exceed 60'-0". Provide Dummy Joints Uniformly The Length Of The Sidewalk Spaced At Not Less Than 6' Nor Greater Than 12'.



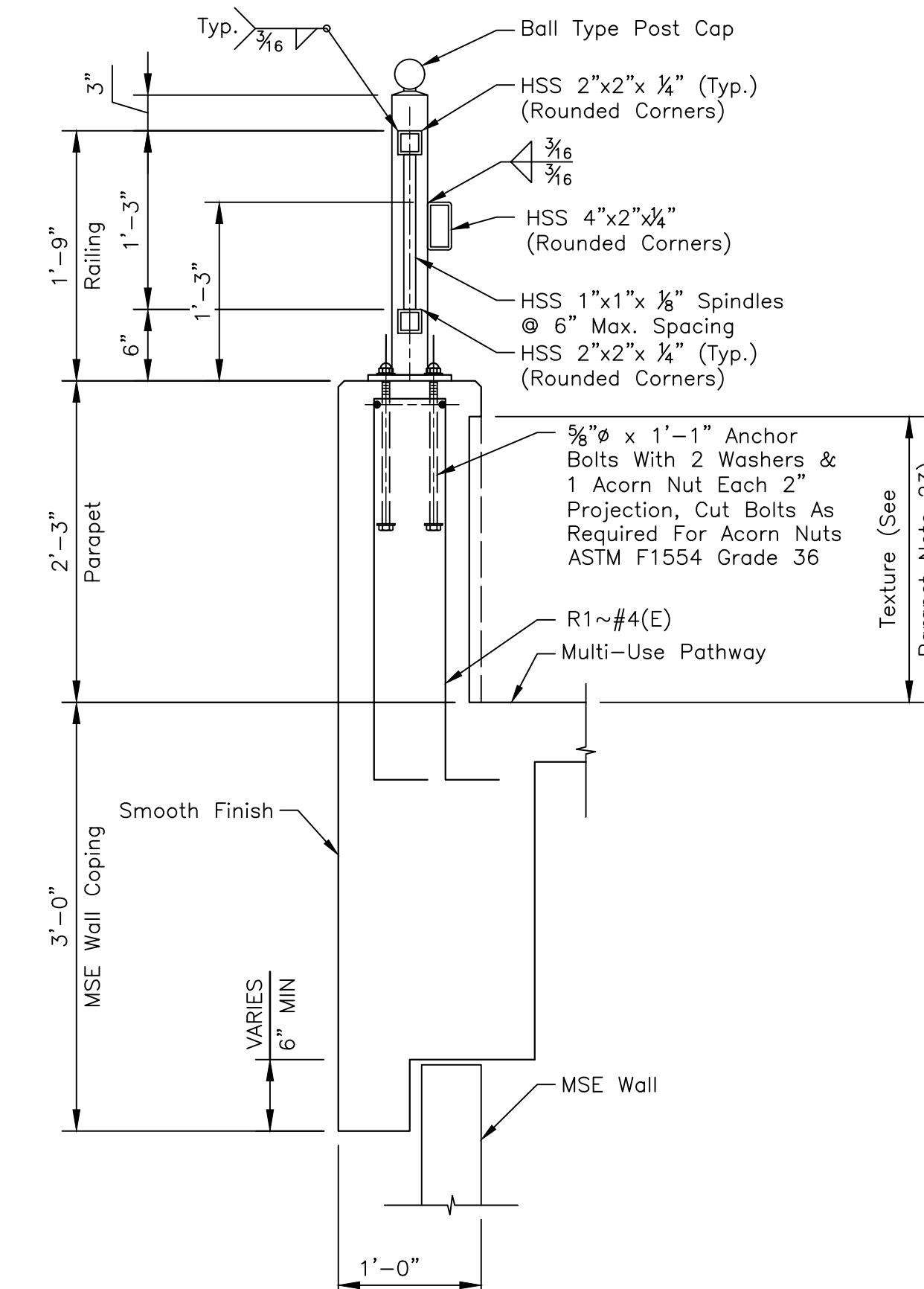
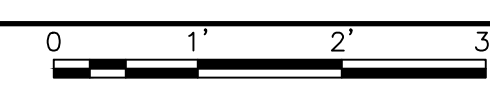
**PLAN VIEW**



**ELEVATION VIEW**

NOTE:  
See Sheet 47 For Parapet Joint Details, Railing Assembly Details And Railing Splice Details.

**A1 BICYCLE RAILING TYPE 2**  
3/4" = 1'-0"



**SECTION A-A**  
1"=1'-0"

• S I G N A T U R E S •

Design By: J. Thornton      Date: 1/2024      Drawn By: A. Corley      Date: 1/2024

• D E T A I L T I T L E •

**BICYCLE RAILING TYPE 2**

J:\222104 UNDER RD. OVERLAND RD. TO FRANKLIN RD.\CAD\3\_DESIGN\PLANS BID 2\RAILING TYPE 2 DETAILS 01.DWG LAST SAVED: 6/27/2024 10:00 AM PRINTED: 6/27/2024 2:27 PM

# NOTES

## MATERIALS

1. Provide Structural Steel Plates & Sleeves That Conform With ASTM A709 Grade 36.
2. Provide Structural Steel Tubing That Conforms With ASTM A500 Grade B Or ASTM A501.
3. Provide Bolts, Acorn Nuts, And Washers That Conform With ASTM A307.
4. Provide Hexagonal Bolts And Nuts That Conform With ANSI B18.2.1 And B18.2.2.
5. Provide Round Head Machine Screws That Conform With ANSI B18.6.3.
6. Provide Epoxy Coated Grade 60 Type S Metal Reinforcement In Accordance With 708.02.

## GALVANIZING/POWDER COATING

7. Galvanized Steel Parts After Fabrication In Accordance With ASTM A123 And ASTM A153.
8. Galvanize Anchor Bolts, Nuts, And Washers In Accordance With ASTM A153.
9. Thoroughly Clean Welded Areas Prior To Galvanizing To Remove Slag Or Other Material That Would Interfere With The Adherence Of The Zinc. Repair Damaged Coatings In Accordance With ASTM A780 And ASTM A123.
10. Provide Galvanized Surfaces Free Of Fines, Abrasions, Rough Or Sharp Edges, Or Other Surface Defects.
11. Powder Coat The Railing System After Galvanizing With A Minimum Thickness Of 3 Mils. The Color Will Be RAL 9005 (Jet Black). Submit A Color Sample For Approval.
12. Prepare The Galvanized Surfaces For Powder Coating In Accordance With ASTM D7803. Submit Powder Coating Shop Procedures For Preparation Of The Galvanized Surfaces And Application Process Of The Powder Coating For Approval.
13. Repair Scratches, Pits, And Other Defects In Accordance With The Powder Coating Manufacturer's Written Instructions.

## FABRICATION AND ERECTION

14. Fabricate And Erect The Railing In Accordance With The Current Edition Of AASHTO Specifications For Highway Bridges And ITD Standard Specifications.
15. Submit Shop Drawings In Accordance With 504.01 F And 105.02.
16. Construct Railing Conforming To The Horizontal And Vertical Alignment Of The Structure, Install Posts Normal To Grade In Longitudinal Direction And Vertical In Transverse Direction.
17. Saw Or Mill Ends Of The Tube Sections At Splices. Provide Cut Ends That Are True, Smooth And Free From Burrs Or Ragged Edges.
18. Provide Vent Holes For Galvanizing As Required And Shown On The Shop Drawings. Drill Vent Holes Away From Traffic Face And Not On The Top Surface Of The Horizontal Tube.
19. Attach Each Rail Section To A Minimum Of Two Posts, But Preferably Three Or More. Railing System Will Be Continuous. Locate Each Joint In A Rail Length At The Same Position In The Section And Splice As Detailed.
20. Submit Alternate Splice Details For Approval On The Shop Drawings.

## METHOD OF MEASUREMENT

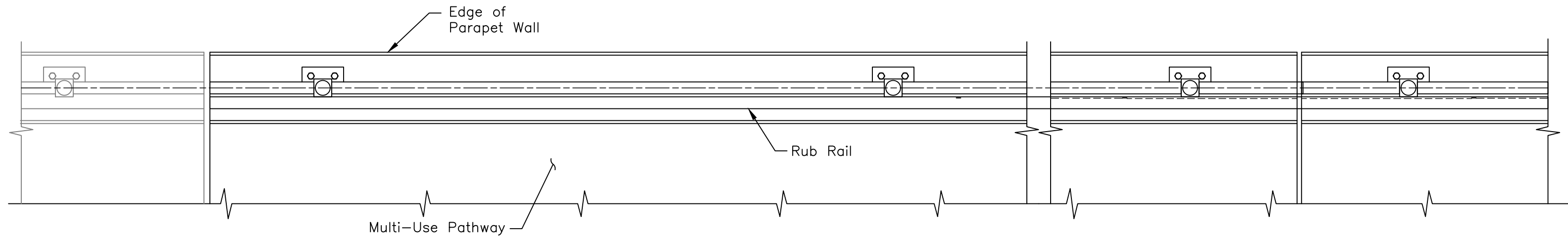
21. Furnish And Install "Bicycle Railing" Shown On The Plans, Complete In Place, Measured By The Linear Foot.

## PARAPET

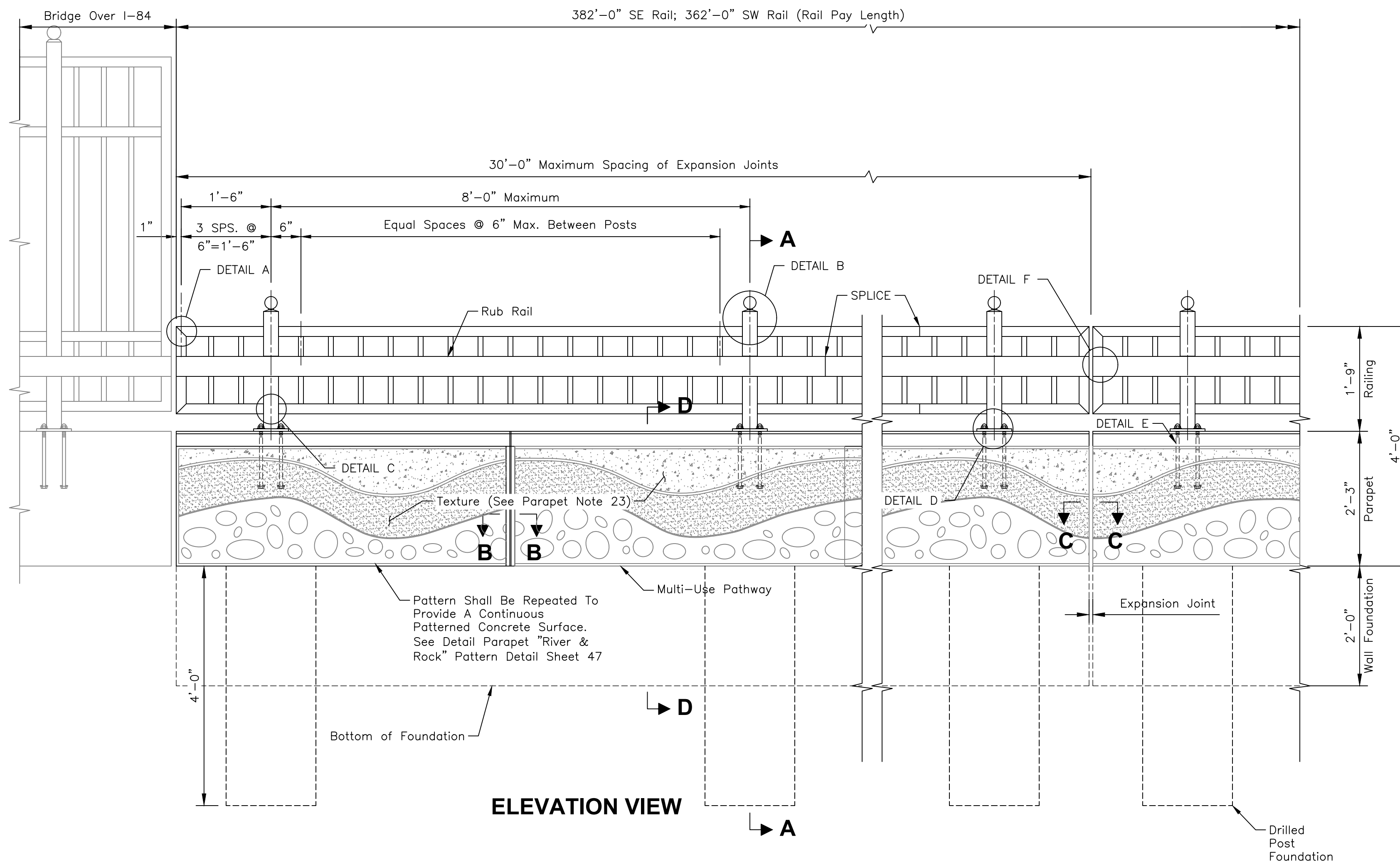
22. Provide Concrete Class 40AF. For Parapet And Class 40A For Drilled Post Hole.
23. Provide Textured Surface To Inside and Outside of Bicycle Railing Parapet. Provide Textured Surface in Accordance With 575, Using Pattern Shown on Sheet 46.
24. Provide Type B Class 1 Grout in Accordance With 705.02 Under Post Base If Gaps Greater Than 1/16" Exist.
25. Place Parapet After The Sidewalk Is Placed. Slip Forming Is Not Allowed.
26. Water Cure The Concrete Surface In Accordance With 502.03 Part J.
27. Provide Wall Joints, Spaces Not To Exceed 60'-0". Provide Dummy Joints Uniformly The Length Of The Sidewalk Spaced At Not Less Than 6' Nor Greater Than 12'.

## APPROXIMATE QUANTITIES

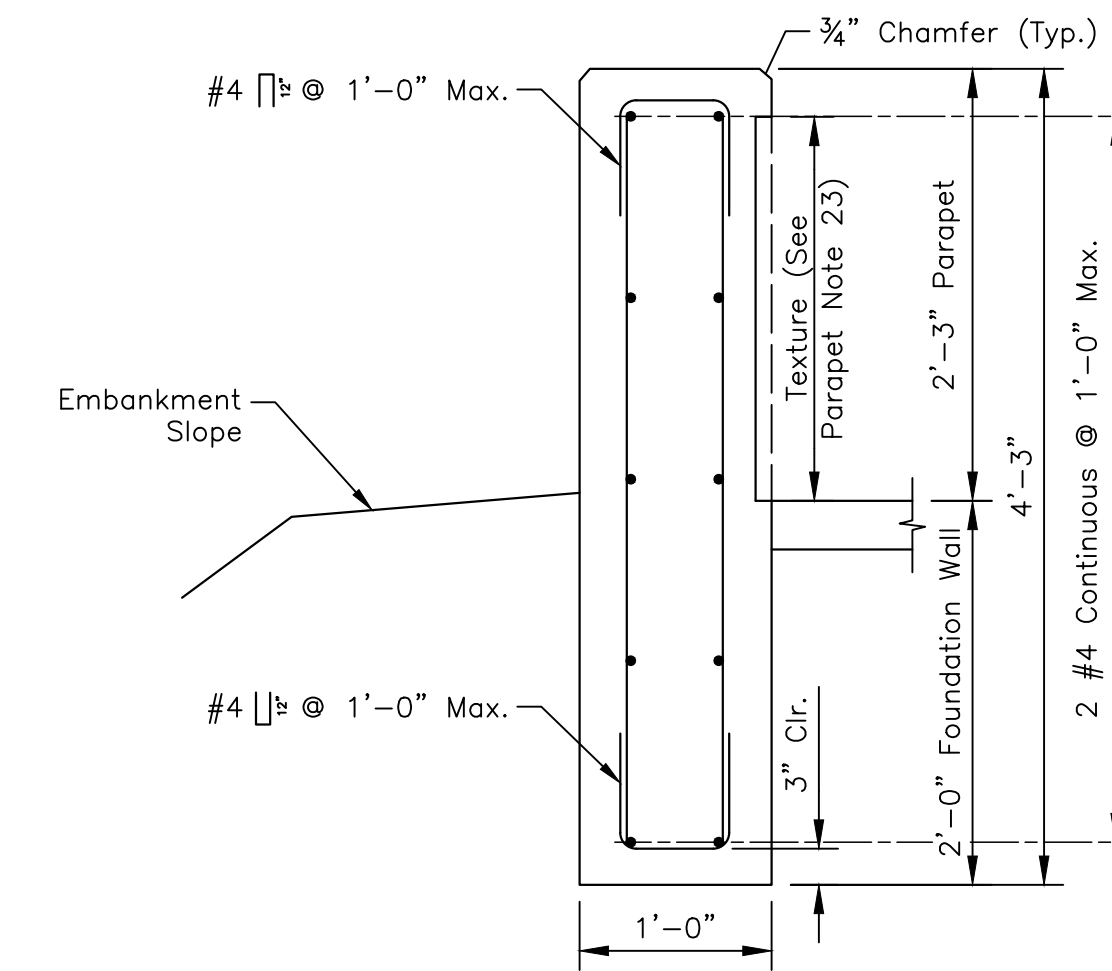
Concrete:	6.47	CF/LF
Structural Steel:	26	LB/LF
Epoxy Reinforcement:	26	LB/LF



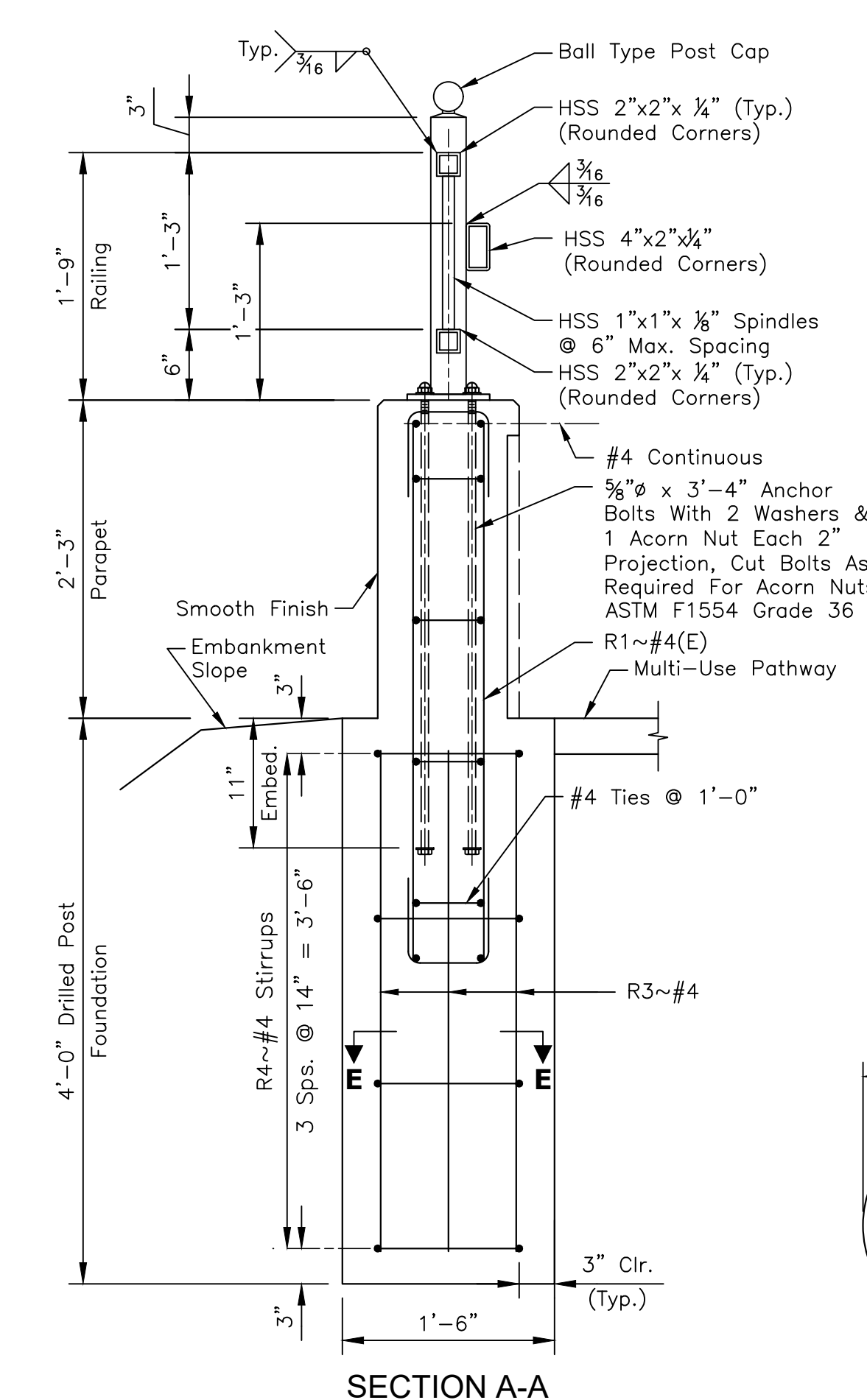
**PLAN VIEW**



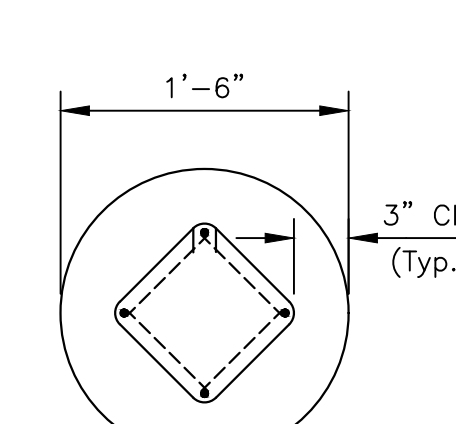
**ELEVATION VIEW**



**SECTION D-D**



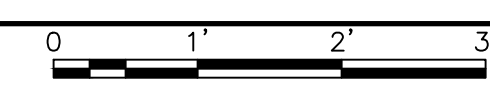
**SECTION A-A**



**SECTION E-E**

NOTE:  
See Sheet 47 For Parapet Joint Details, Railing Assembly Details And Railing Splice Details.

**A1 BICYCLE RAILING TYPE 3**  
3/4" = 1'-0"



## DRILLED CONCRETE POST BASE DETAIL

• S I G N A T U R E S •

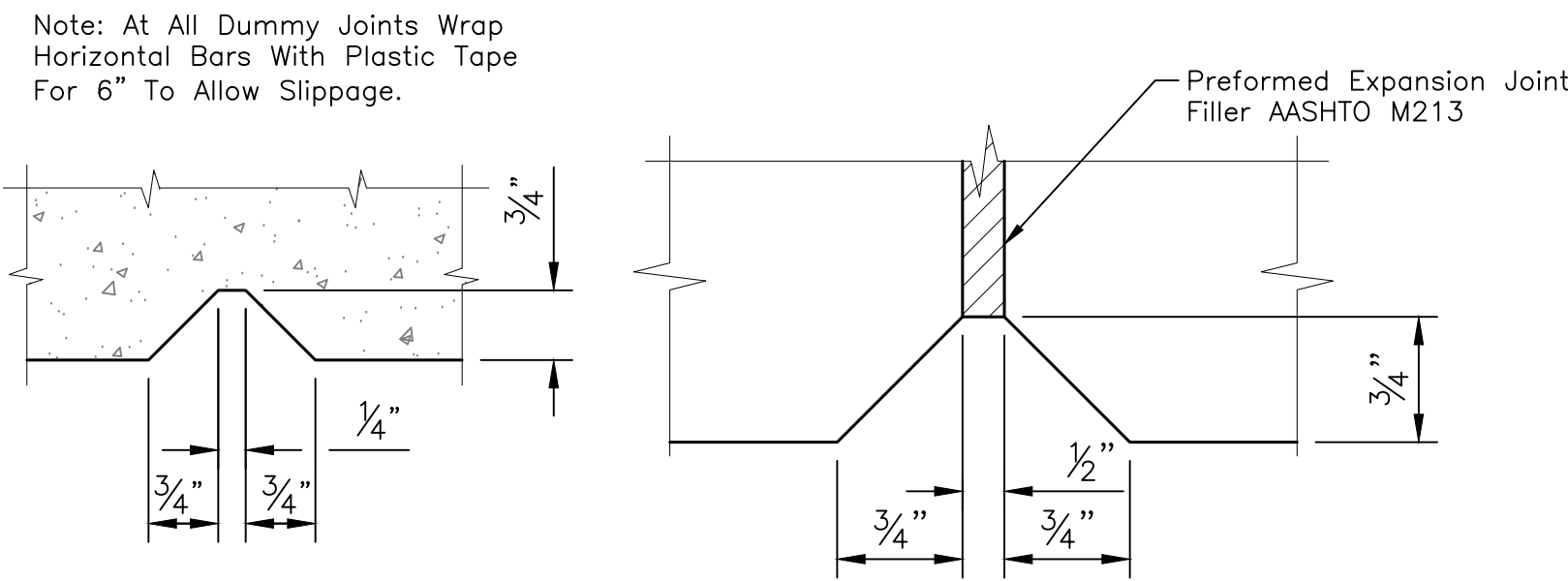
Design By: J. Thornton      Date: 1/2024      Drawn By: A. Corley      Date: 1/2024

• D E T A I L T I T L E •  
**BICYCLE RAILING TYPE 3**

K:\KELLER\COM\PROJECTS\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\CAD\3\_DESIGN\PLANS BID 2\_RAILING TYPE 3\_DETAILS\_02.DWG      LAST SAVED: 6/28/2024 9:39 AM      PRINTED: 7/20/24 11:18 AM



J:\222104 UNDER RD TO FRANKLIN RD\3. DESIGN\3. DESIGN\PLANS BID 2\RAILING SPLICE DETAILS 04.DWG LAST SAVED: 6/27/2024 1:26 PM PRINTED: 6/27/2024 2:27 PM



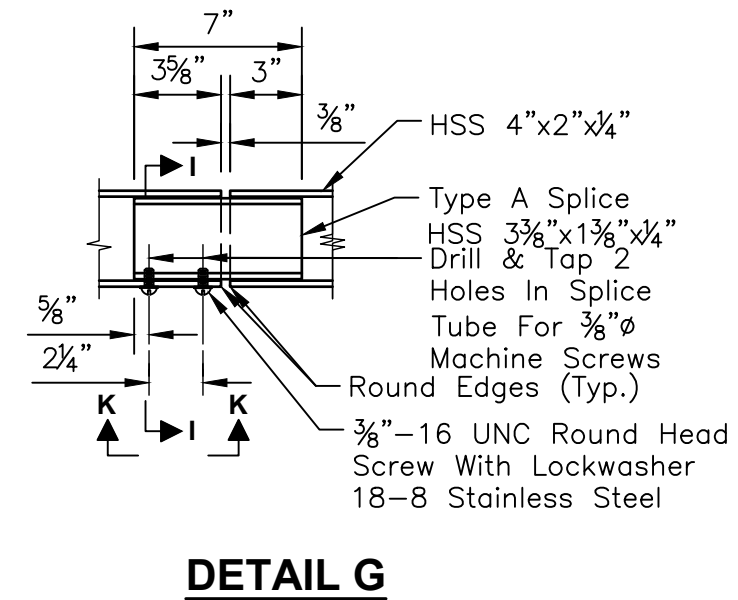
SECTION B-B  
DUMMY JOINT

(Typ. @ Both Sides Of Wall And Top Of Sidewalk)

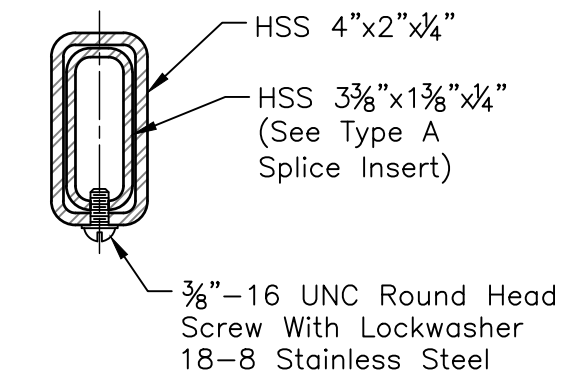
SECTION C-C

(Typ. @ Both Sides Of Wall And Top Of Sidewalk)

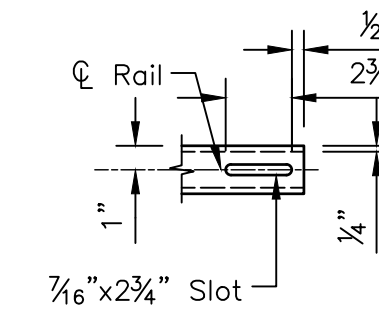
C1 PARAPET JOINT DETAILS  
N.T.S.



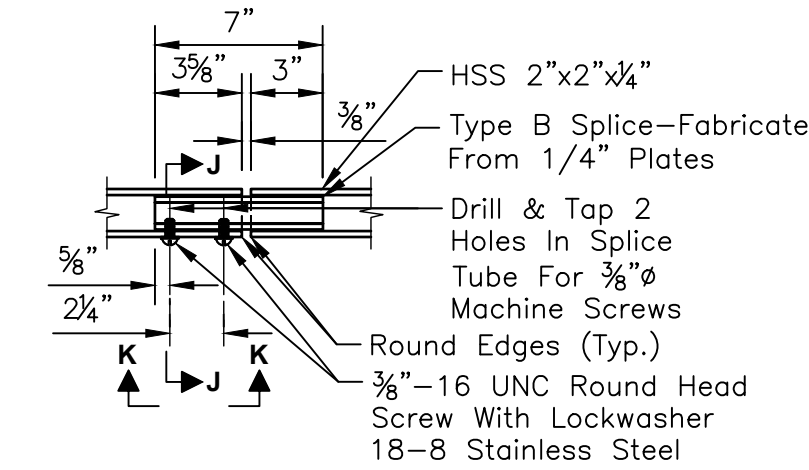
DETAIL G



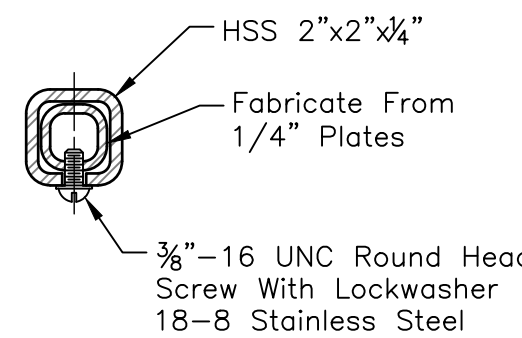
SECTION I-I



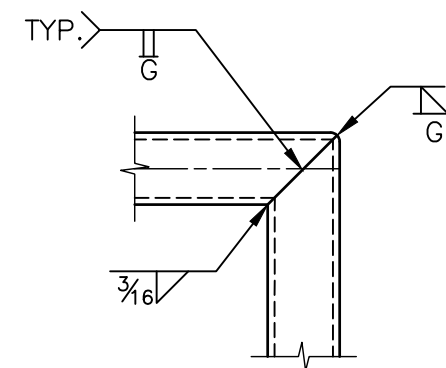
VIEW K-K



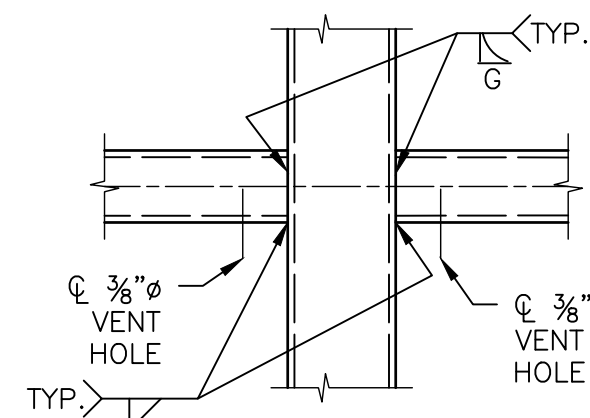
DETAIL H



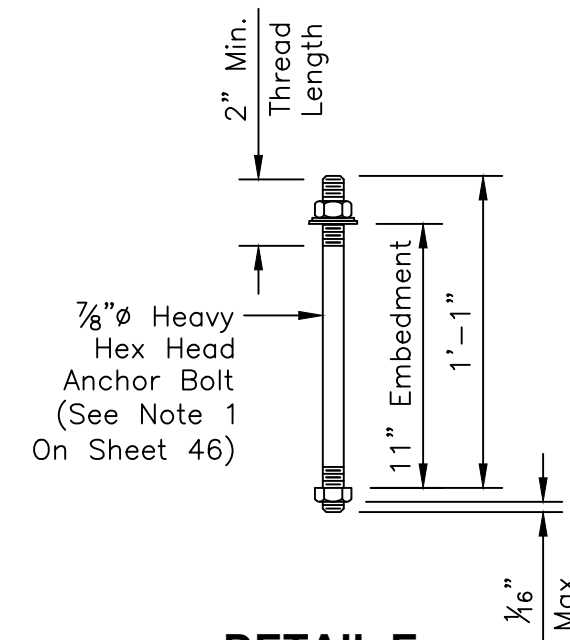
SECTION J-J



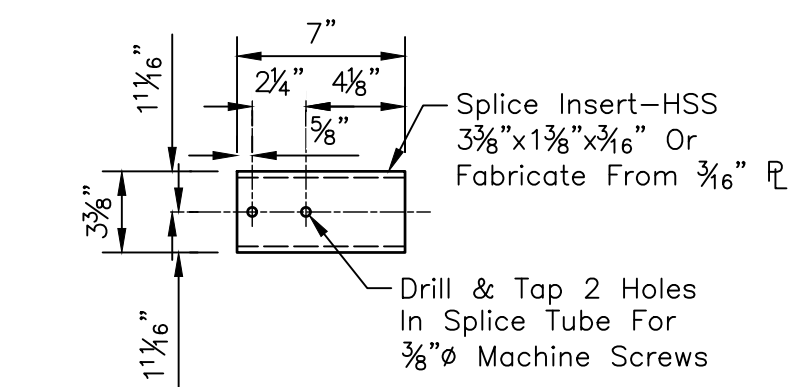
DETAIL A



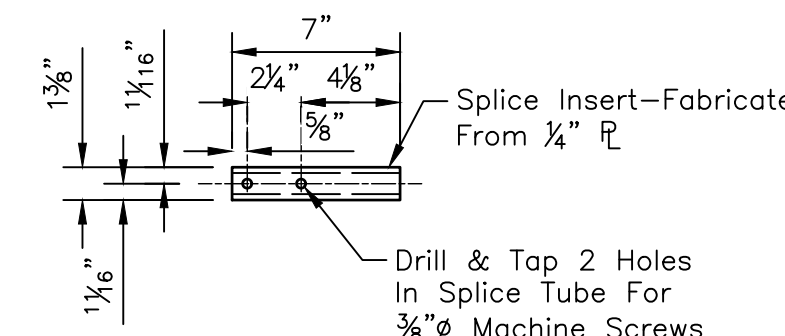
DETAIL C



DETAIL E

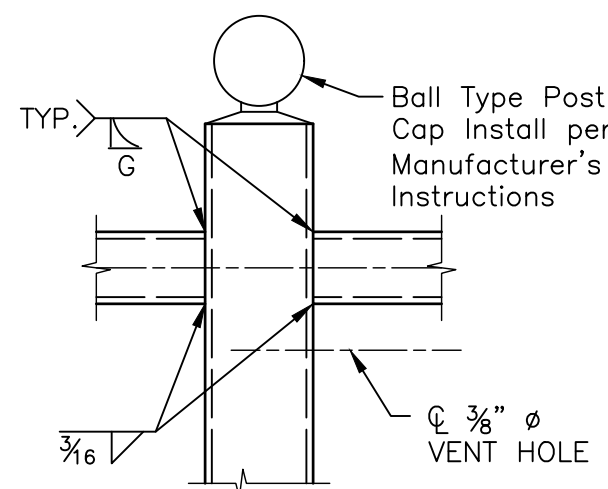


TYPE A SPLICE INSERT

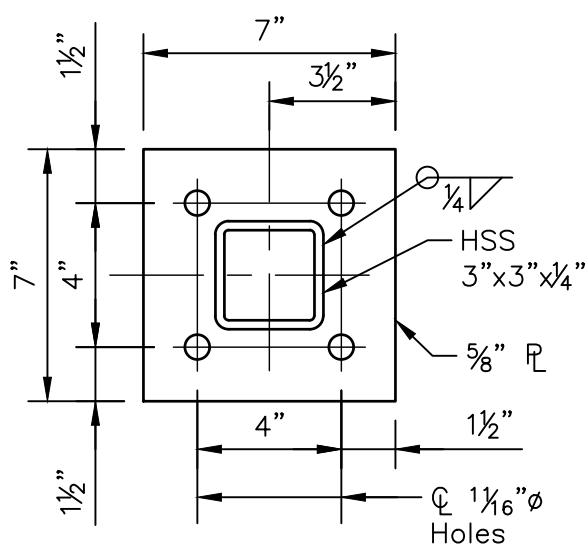


TYPE B SPLICE INSERT

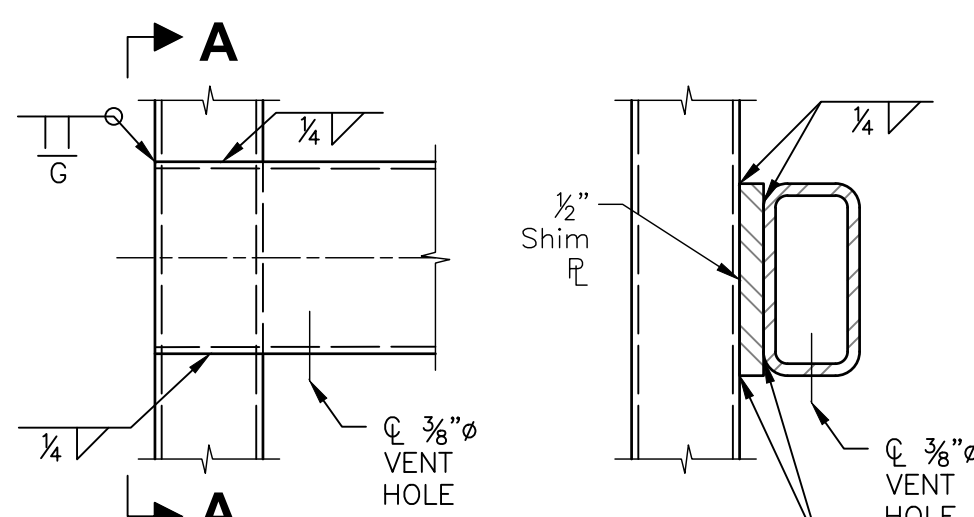
C4 RAILING SPLICE DETAILS  
N.T.S.



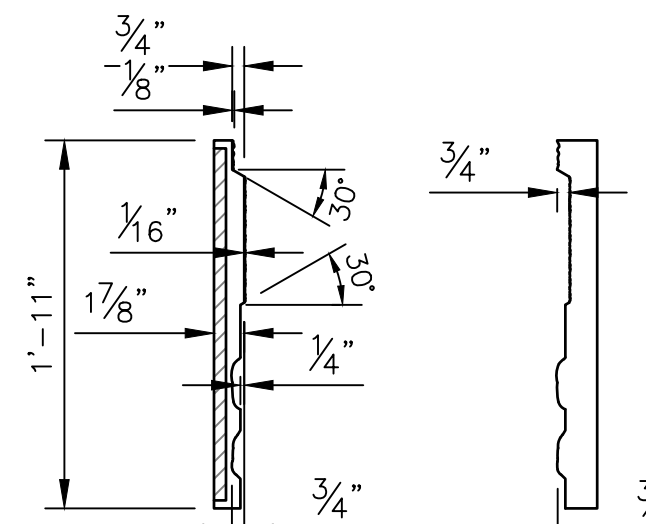
DETAIL B



DETAIL D

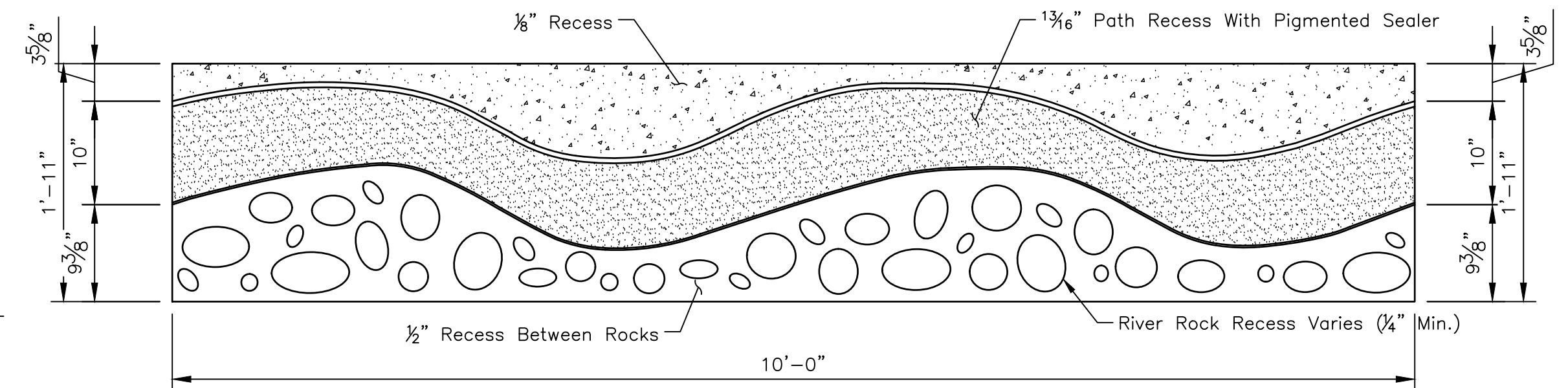


DETAIL F



FORMLINER CONCRETE

NOTE: Formliner To Match "River & Rock" Pattern from Bridge Plans.



A3 PARAPET "RIVER ROCK" PATTERN DETAIL  
1" = 1'-0"

A1 RAILING ASSEMBLY DETAILS  
N.T.S.

Revisions:

• SIGNATURES •

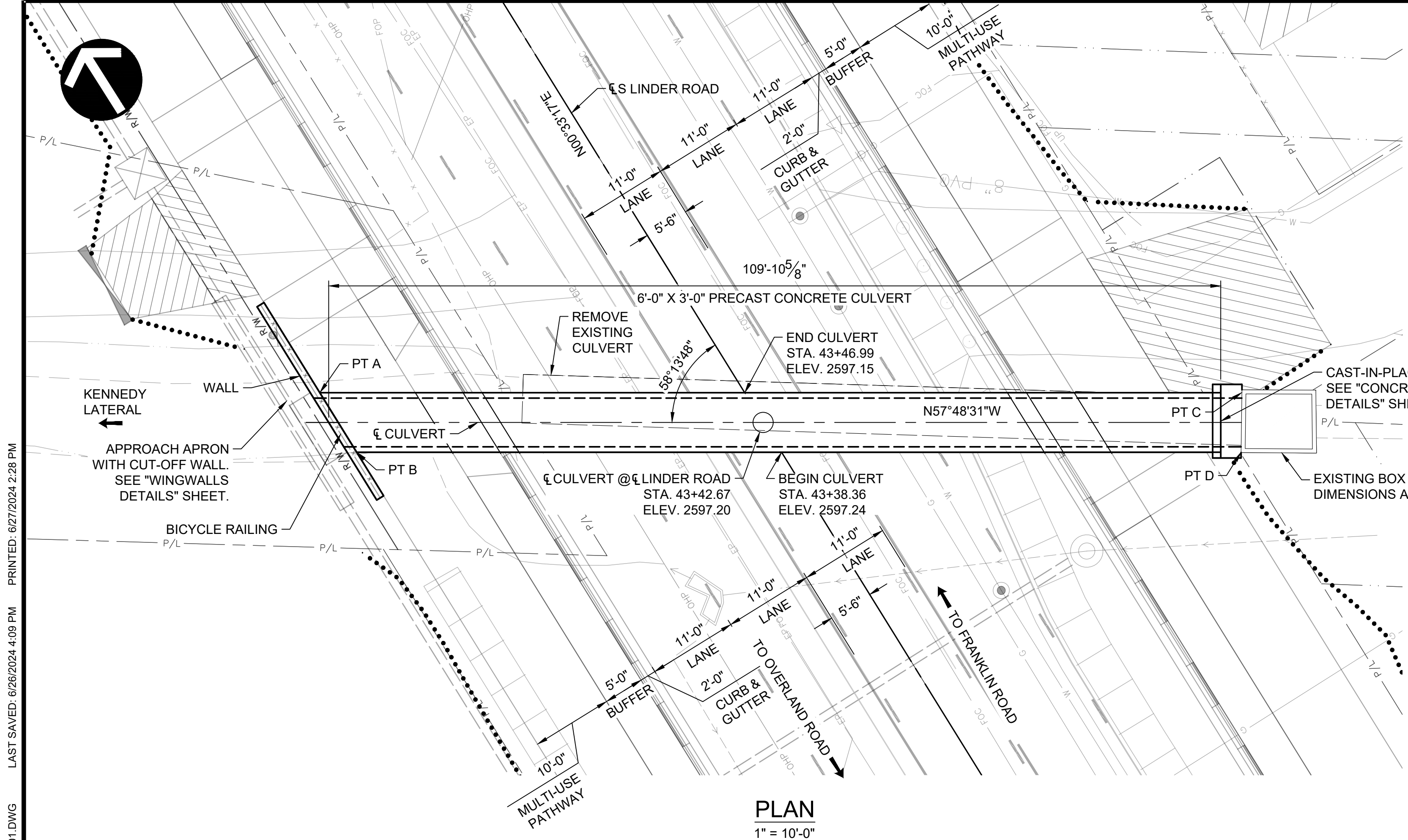
Design By: J. Thornton

Date: 1/2024

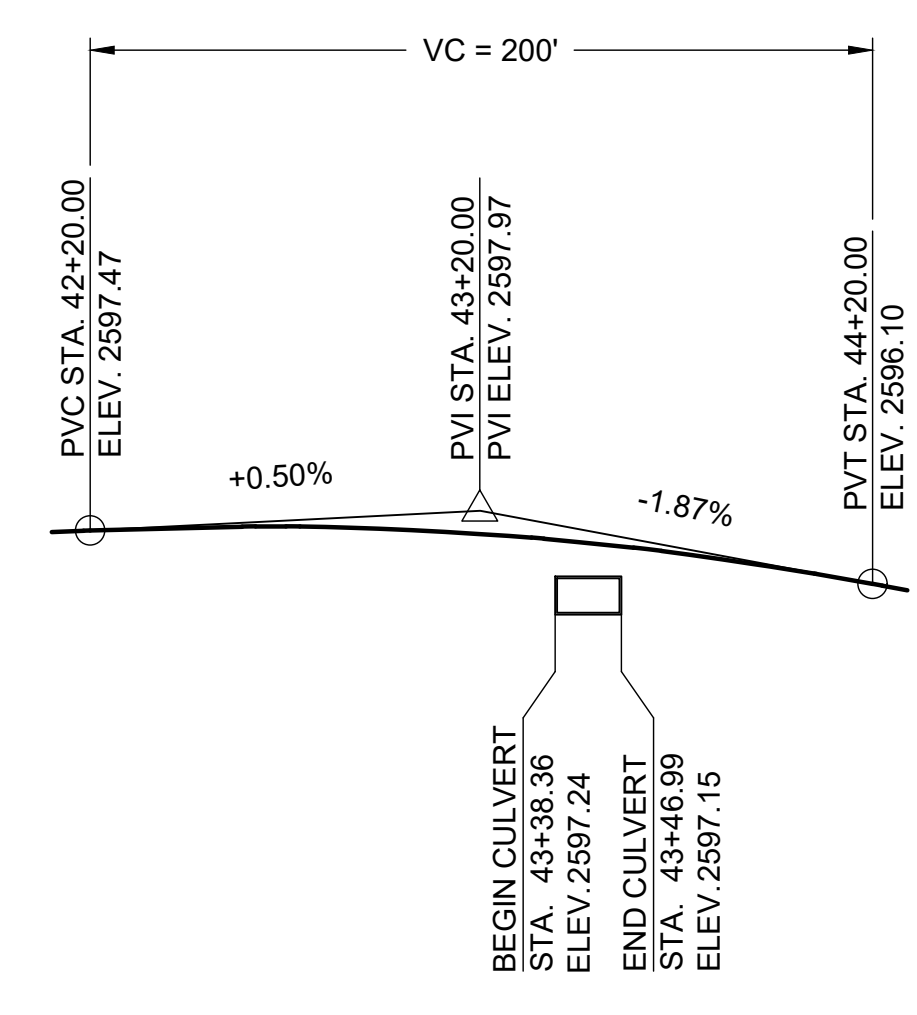
Drawn By: A. Corley

Date: 1/2024

• D E T A I L T I T L E •  
BICYCLE RAILING & WALL DETAILS



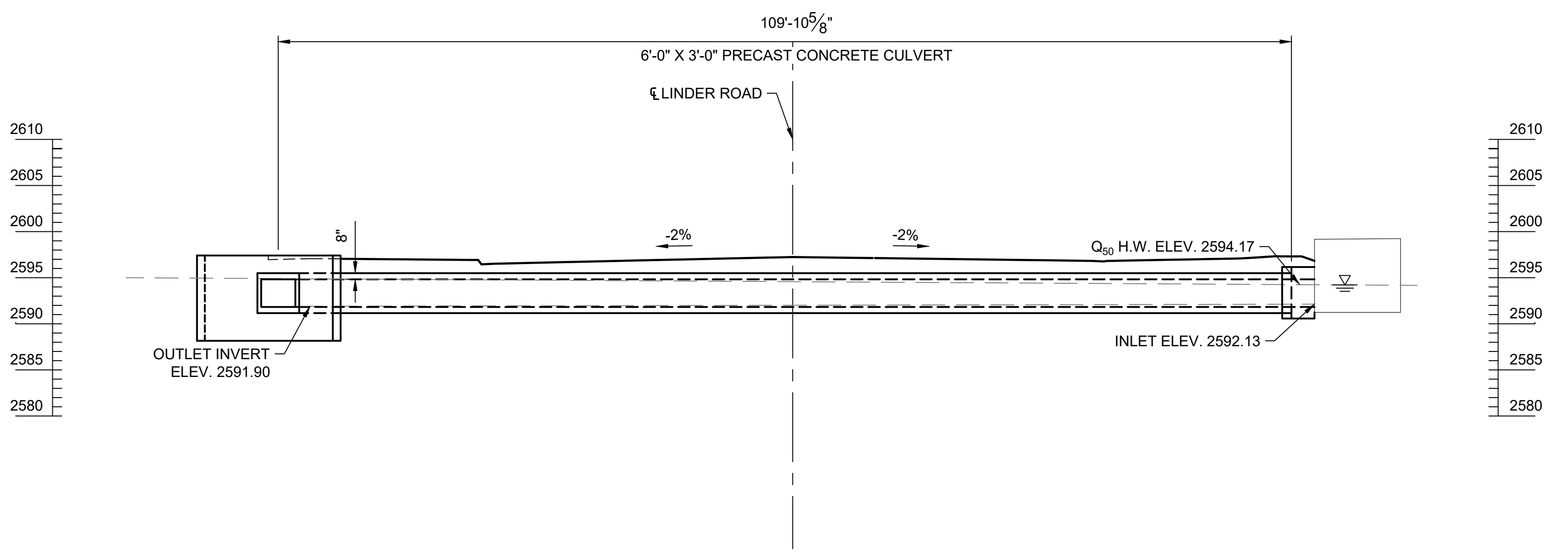
**PLAN**  
1" = 10'-0"



**PROFILE GRADE LINE**  
N.T.S.

**FINISHED GRADE ELEV.**

POINT	STA.	OFFSET	ELEV.
PT A	43+74.55	44.50' Lt	2596.96
PT B	43+65.92	44.50' Lt	2597.07
PT C	43+14.75	52.06' Rt	2596.67
PT D	43+08.56	48.11' Rt	2597.22



**LONGITUDINAL SECTION**  
(OUTSIDE FACE OF ABUTMENT 1 LOOKING AHEAD ON STATIONING)  
1" = 10'-0"

**HYDRAULIC DATA**

CANAL FLOW	DISCHARGE	H.W. ELEVATION	VELOCITY
DESIGN	40 CFS	2594.17 FT	3.86 FPS
MAXIMUM	60 CFS	2594.84 FT	4.38 FPS

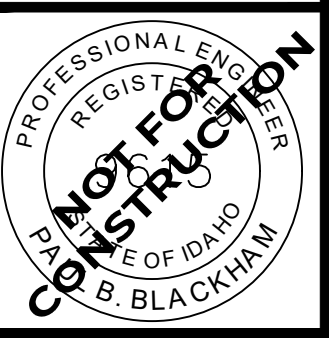
FLOW CONTROLLED BY NIMID.

J:\2227104 LINDER RD. OVERLAND RD TO FRANKLIN RD.C. DESIGNED: CAD\3 DESIGN\PROJ\_DEV\1637\_KENNEDY LATERAL\PLAN\_SHEETS\BRIDGE\1637\_SL01.DWG  
 LAST SAVED: 6/26/2024 4:09 PM  
 PRINTED: 6/27/2024 2:28 PM

Revisions:	SIGNATURES		
Design By: P. Blackham	Date: 1/2024	Drawn By: M. Oksten	Date: 1/2024

• D E T A I L T I T L E •

**KENNEDY LATERAL CULVERT  
SITUATION LAYOUT**





J:\222\104 LINDER RD, OVERLAND RD TO FRANKLIN RD, DESN, CAD\3 DESIGN\PROJ\_DESN\1001.DWG KENNEDY LATERAL PLAN SHEETS\BRIDGE\1537 NO.01.DWG PRINTED: 6/27/2024 8:37 AM LAST SAVED: 6/27/2024 2:28 PM

DESIGN

DESIGN SPECIFICATIONS  
"AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS" 9th EDITION AND JUNE 2022 ITD BRIDGE DESIGN LRFD MANUAL.

DESIGN PROCEDURES  
PROPRIETARY COMPUTER SOFTWARE PROGRAMS USED TO FACILITATE THE DESIGN:

NAME	VERSION	RELEASE DATE
ENERCALC	20.23.08.30	AUGUST 2023

DESIGN LOADS

PERMANENT LOADS	
DC	UNIT WEIGHT OF REINFORCED CONCRETE ..... 0.150 kcf
DW	FUTURE WEARING SURFACE ..... 0.028 ksf
EV	UNIT WEIGHT OF SOIL ..... 0.130 ksf
	FILL DEPTH ..... ** ft
EH STIFFLEG CULVERT	
	ACTIVE PRESSURE ..... 0.036 kcf Fully Drained 0.081 kcf Fully Saturated
	AT REST PRESSURE ..... 0.057 kcf Fully Drained 0.092 kcf Fully Saturated
CAST-IN-PLACE WINGWALLS	
	ACTIVE PRESSURE ..... 0.053 kcf Fully Drained 0.090 kcf Fully Saturated
	AT REST PRESSURE ..... 0.083 kcf Fully Drained 0.106 kcf Fully Saturated
	SOIL-STRUCTURE INTERACTION FACTOR ( $F_e$ OR $F_t$ ) ..... **
ES	EARTH LOAD SURCHARGE ..... ** ft
TRANSIENT LOADS	
LL	HL-93
IM	DYNAMIC ALLOWANCE APPLIED TO TRUCK & TANDEM
LS	LIVE LOAD SURCHARGE AT ABUTMENT ..... ** ft
	LIVE LOAD SURCHARGE AT WINGWALL ..... ** ft (DETERMINE FROM AASHTO LRFD TABLE 3.11.6.4.1 AND TABLE 3.11.6.4-2)

\*\* - THE PRECAST SUPPLIER DETERMINES THESE VALUES IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT.

PRECAST STIFFLEG CULVERT

FOOTING DESIGN LOADS	SERVICE LIMIT STATE
STRENGTH LIMIT STATE - BEARING	PRESUMPTIVE BEARING CAPACITY $q_p$ = ** ksf
NOMINAL BEARING RESISTANCE $q_n$ = ** ksf	BASED UPON FOOTING SETTLEMENT = ** inches OR LESS
EFFECTIVE FOOTING WIDTH $B'$ = ** ft	EFFECTIVE FOOTING WIDTH $B'$ = ** ft
EFFECTIVE FOOTING LENGTH $L'$ = ** ft	EFFECTIVE FOOTING LENGTH $L'$ = ** ft
RESISTANCE FACTOR $\Phi_b$ = 0.45	RESISTANCE FACTOR $\Phi$ = 1.0
FACTORED BEARING RESISTANCE $q_n = q_n$ $\Phi_b$ = ** ksf	FACTORED PRESUMPTIVE BEARING RESISTANCE $\Phi q_p$ = ** ksf
FACTORED APPLIED LOAD $YQ/(B'L')$ = ** ksf	FACTORED APPLIED LOAD $YQ/(B'L')$ = ** ksf

CAST-IN-PLACE WINGWALLS

FOOTING DESIGN LOADS	SERVICE LIMIT STATE
STRENGTH LIMIT STATE - BEARING	PRESUMPTIVE BEARING CAPACITY $q_p$ = 4.45 ksf
NOMINAL BEARING RESISTANCE $q_n$ = 12.3 ksf	BASED UPON FOOTING SETTLEMENT = 1 inch OR LESS
EFFECTIVE FOOTING WIDTH $B'$ = 6.26 ft	EFFECTIVE FOOTING WIDTH $B'$ = 6.26 ft
RESISTANCE FACTOR $\Phi_b$ = 0.45	RESISTANCE FACTOR $\Phi$ = 1.0
FACTORED BEARING RESISTANCE $q_n = q_n$ $\Phi_b$ = 5.45 ksf	FACTORED PRESUMPTIVE BEARING RESISTANCE $\Phi q_p$ = 4.45 ksf
FACTORED APPLIED LOAD $YQ/(B'L')$ = 3.35 ksf	FACTORED APPLIED LOAD $YQ/(B'L')$ = 2.38 ksf

GENERAL NOTES

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

MATERIAL

CONCRETE: DECK SLAB AND EDGE BEAM - CLASS 40A  $f_c$  = 4.00 ksi  
BARREL WALLS, FOOTINGS AND WINGWALLS - CLASS 40A  $f_c$  = 4.00 ksi  
METAL REINFORCEMENT: AASHTO M31, GRADE 60 TYPE S  $f_y$  = 60.00 ksi  
CORROSION RESISTANT REINFORCING STEEL: ASTM A1035, GRADE 100  $f_y$  = 100.00 ksi.  
USE CORROSION RESISTANT REINFORCING IN ACCORDANCE WITH ASTM A1035, GRADE 100 FOR THE TOP AND SIDES OF THE CONCRETE STIFFLEG STRUCTURE. USE METAL REINFORCEMENT IN ACCORDANCE WITH AASHTO M31, GRADE 60 FOR FOOTINGS.

PLAN DIMENSIONS AND ELEVATIONS

BEVEL EXPOSED EDGES OF CONCRETE 3/4" UNLESS NOTED OTHERWISE.  
DIMENSIONS TO REINFORCING STEEL ARE TO CENTERLINE OF BAR UNLESS NOTED OTHERWISE.  
PROVIDE 2" CONCRETE COVER MEASURING 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

PROVIDE CONSTRUCTION JOINTS AT THE LOCATIONS SHOWN ON THE PLANS OR AS APPROVED.  
APPLY CONCRETE WATERPROOF SYSTEM TYPE D TO THE TOP SLAB.  
DO NOT EXCEED A DIFFERENCE OF 2 FEET IN ELEVATION OF THE BACKFILL MATERIAL ON BOTH SIDES OF THE STRUCTURE DURING BACKFILL OPERATIONS.  
SET THE ROLLER IN THE STATIC MODE FOR COMPACTING THE ASPHALT WEARING SURFACE OVER THE CULVERT WHEN THE DEPTH OF FILL IS LESS THAN 3'.  
ELEVATIONS BASED ON NAVD 88 DATUM.

INCIDENTAL ITEMS

WORK NECESSARY TO FULFILL THE CONTRACT THAT IS NOT MEASURED OR PAID FOR SEPARATELY.

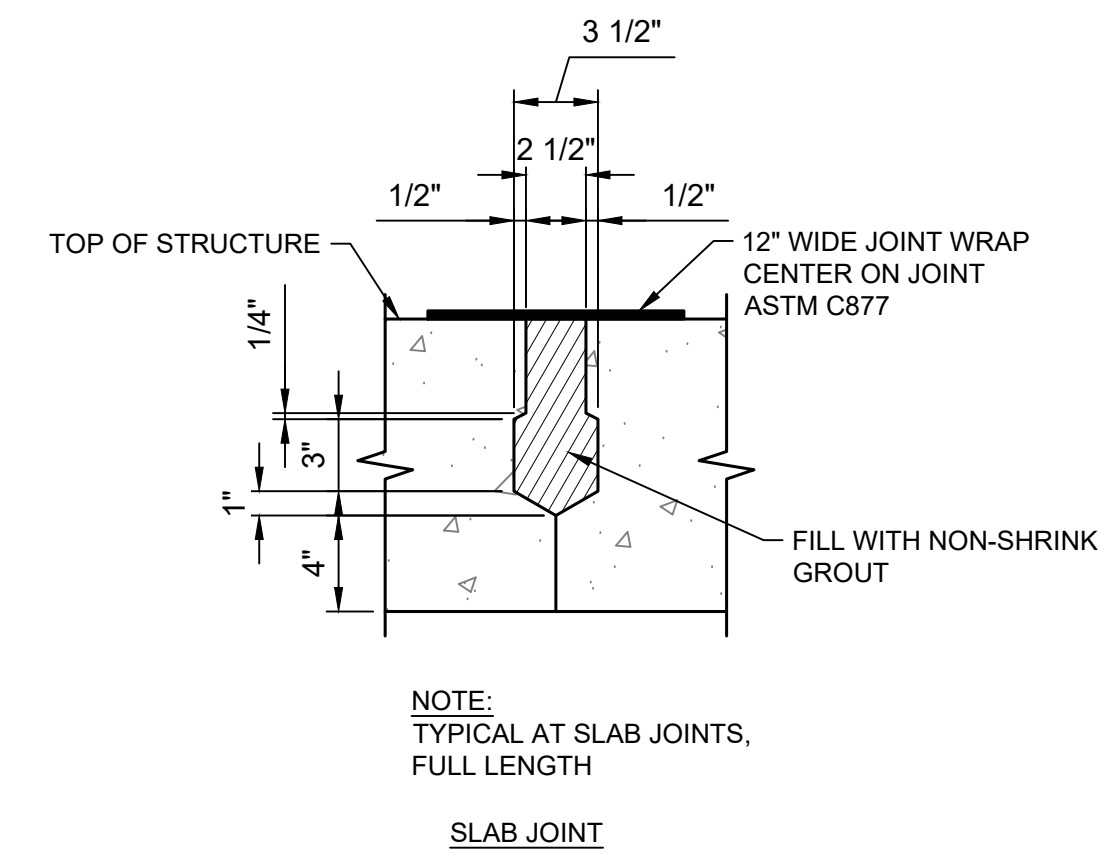
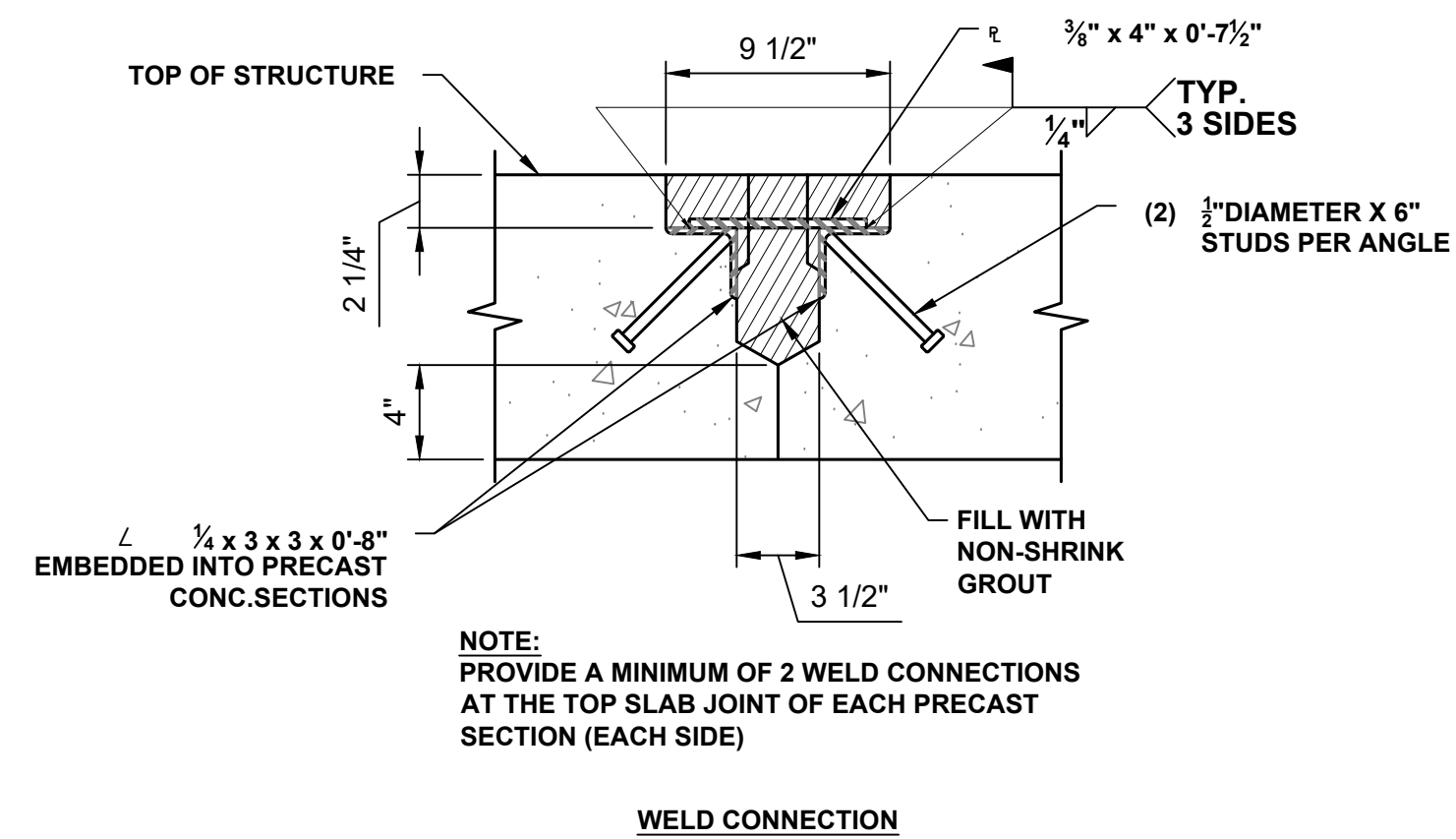
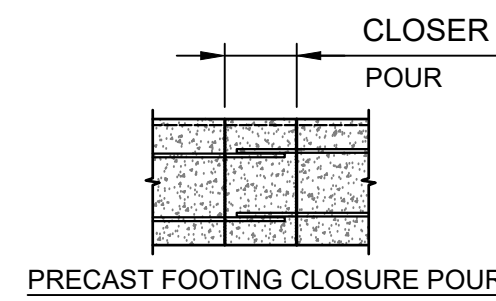
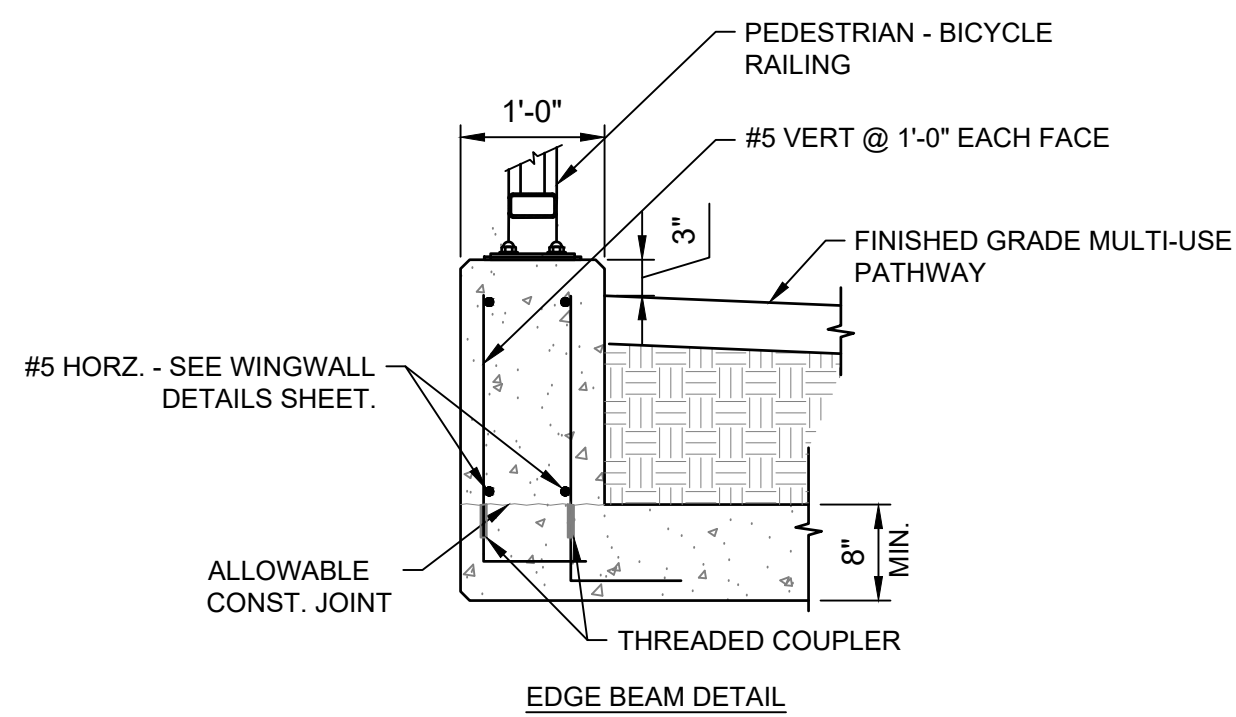
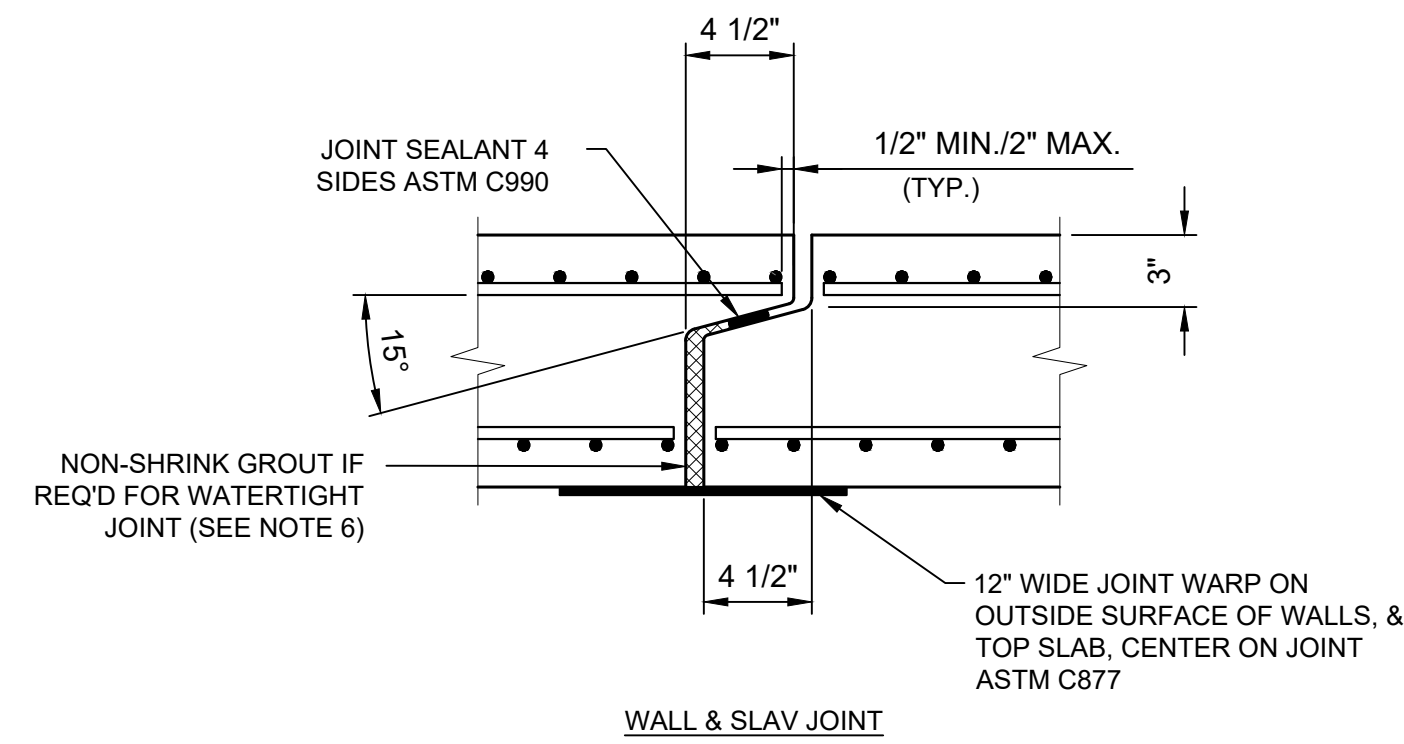
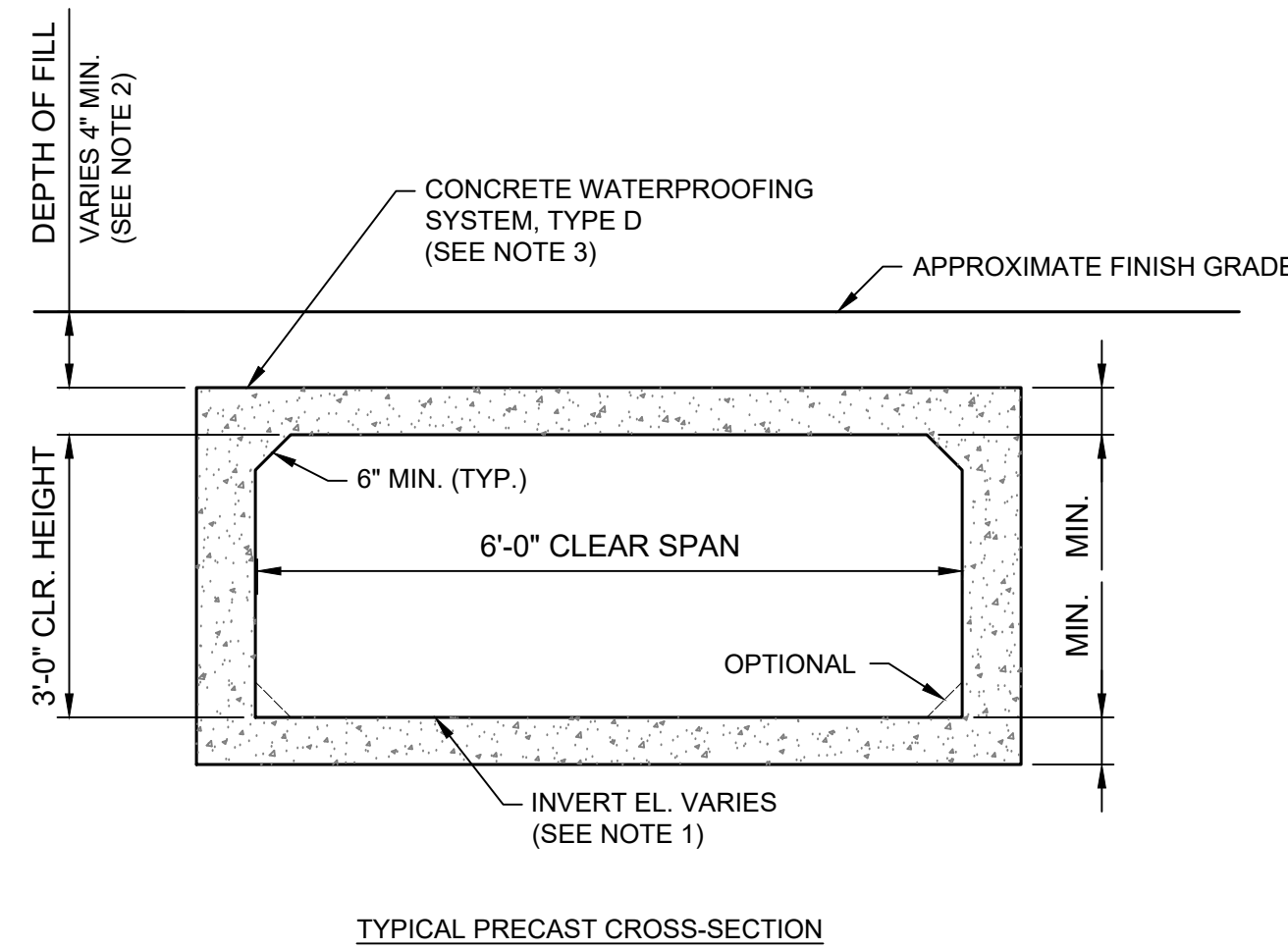
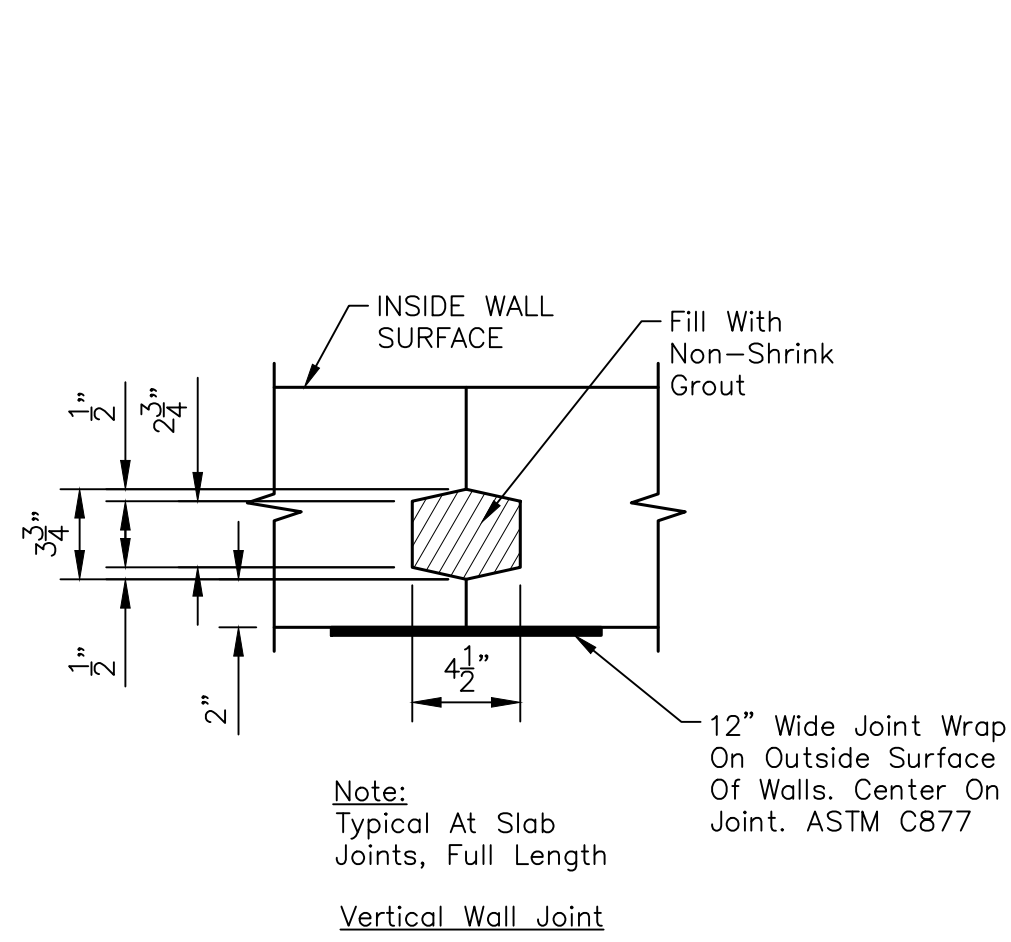
• S I G N A T U R E S •

Design By: P. Blackham Date: 1/2024 Drawn By: M. Oksten Date: 1/2024

• D E T A I L T I T L E •  
KENNEDY LATERAL CULVERT  
DESIGN AND GENERAL NOTES



LAST SAVED: 6/26/2024 4:29 PM PRINTED: J:\222104\_LINDER RD. OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PROJ\_DEV\1537\_KENNEDY LATERAL\PLAN\_SHEETS\BRIDGE\1537\_DE\_01.DWG 7/27/24 4:28 PM



- NOTES:
- SEE SITUATION LAYOUT SHEET FOR CANAL INVERT AND WATER SURFACE ELEVATIONS AT INLET AND OUTLET OF CULVERT.
  - SEE SITUATION AND LAYOUT SHEET FOR ROADWAY HORIZONTAL ALIGNMENT AND PROFILE GRADE. COMPUTE DEPTH OF FILL FOR THE SELECTED PROPRIETARY PRECAST SYSTEM.
  - APPLY WATERPROOFING SYSTEM, TYPE D TO TOP SLAB FROM FACE OF CURB TO FACE OF CURB.
  - PROVIDE A PROPRIETARY PRECAST SYSTEM SELECTED FROM TYPICAL SECTION SHOWN OR APPROVED EQUAL AND INCLUDE DETAILS AS SHOWN BELOW OR APPROVED EQUAL.
  - PROVIDE EITHER CAST-IN-PLACE OR PRECAST CULVERT COMPONENTS SUCH AS FOOTINGS, EDGE BEAMS, AND WINGWALLS.
  - OFFSET JOINTS BETWEEN PRECAST FOOTING SECTIONS A MINIMUM OF 2' FROM PRECAST BARREL SECTION JOINTS. CONNECT PRECAST FOOTING SECTIONS BY SPLICING THE REINFORCEMENT WITHIN A CLOSURE POUR.
  - PROVIDE A MINIMUM BARREL WALL THICKNESS OF: 8" FOR SPANS < 24', 10" FOR SPANS ≥ 24'.
  - PROVIDE DIMENSIONAL TOLERANCE IN ACCORDANCE WITH ASTM C1504 SECTION 11.
  - PROVIDE GROUT THAT CONFORMS TO TYPE "B", CLASS I NON-METALLIC NON-SHRINK AS SPECIFIED IN 705.02.

Revisions:

• SIGNATURES •

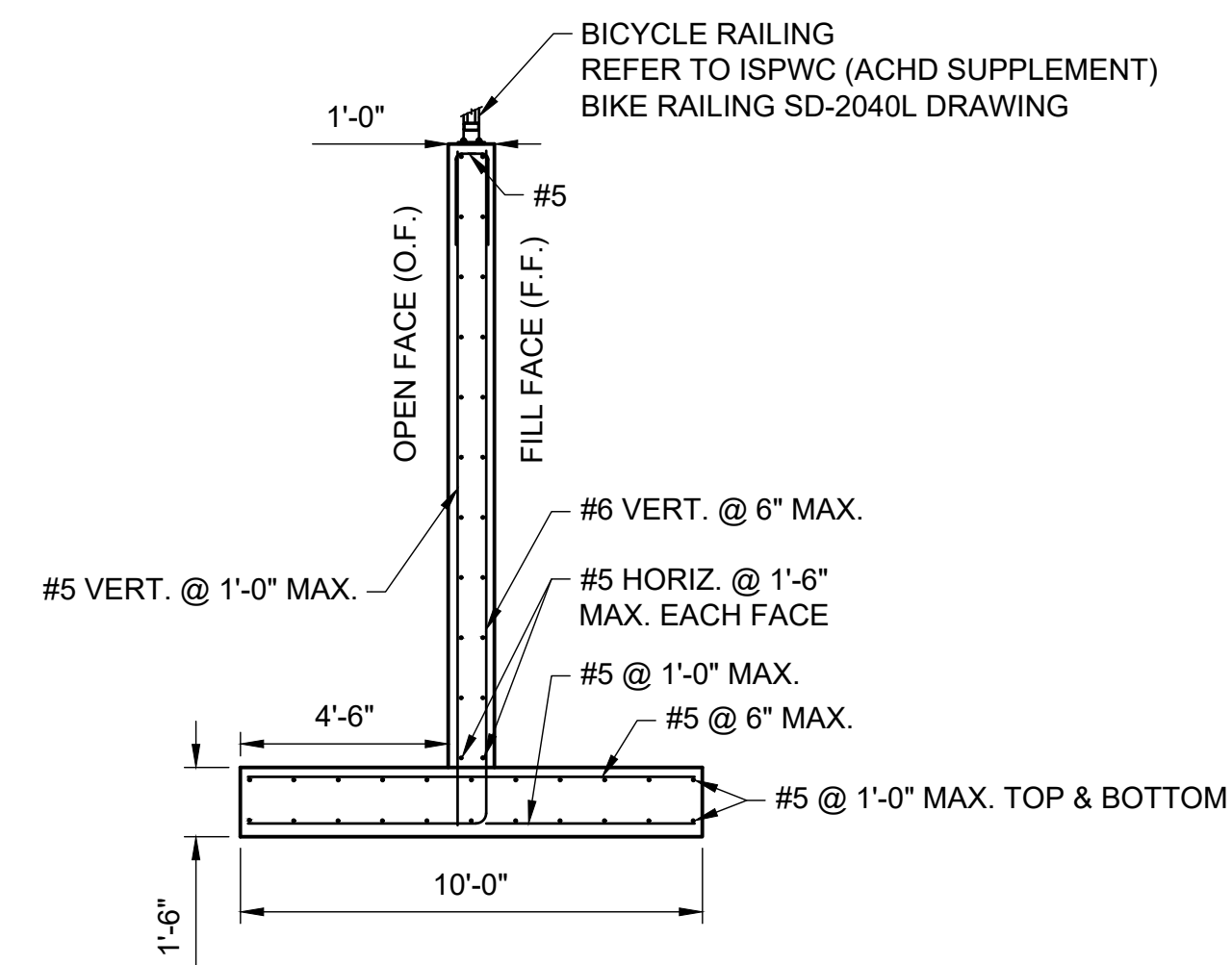
Design By: P. Blackham Date: 1/2024 Drawn By: M. Oksten Date: 1/2024

• D E T A I L T I T L E •  
KENNEDY LATERAL CULVERT  
DETAILS

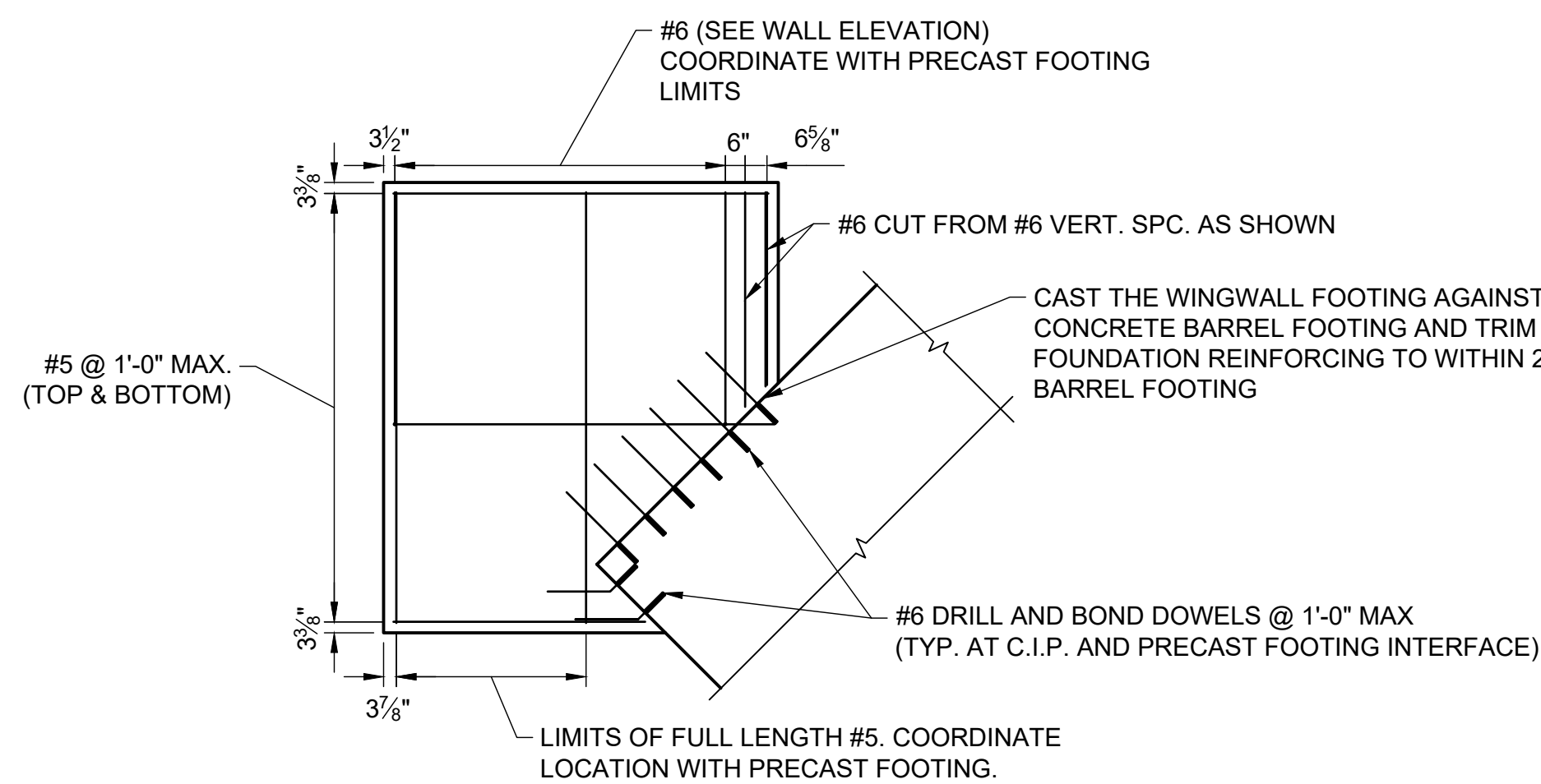
KELLER ASSOCIATES

PROFESSIONAL ENGINEER  
REGISTERED IN THE STATE OF IDAHO  
B. BLACKHAM

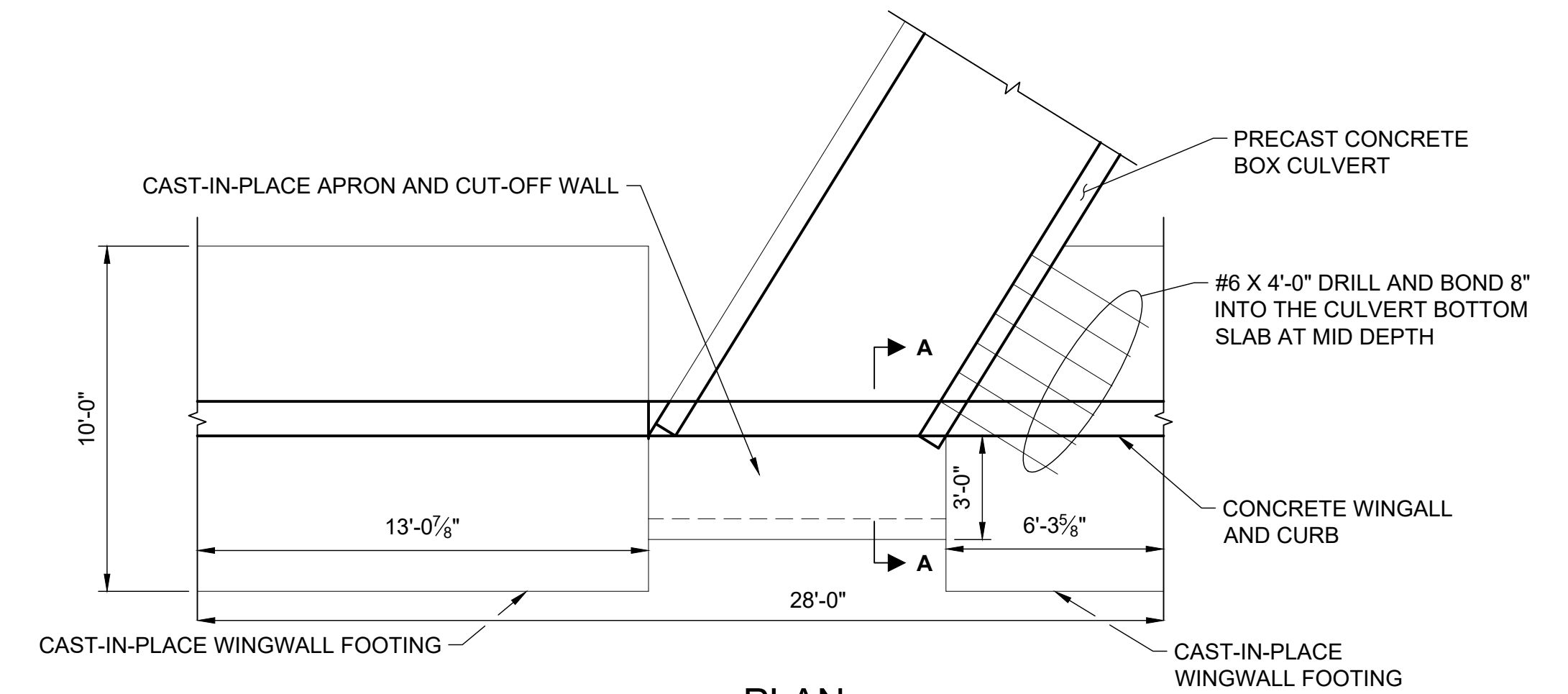
J:\2227104 LINDER RD, OVERLAND RD TO FRANKLIN RD, DESN, CAD\3, DESIGN\PROJ\_DESN\KENNEDY LATERAL PLAN\_SHEETS\BRIDGE\1537\_DE\_02 (WING WALL).DWG  
 LAST SAVED: 6/26/2024 1:23 PM  
 PRINTED: 6/27/2024 2:29 PM



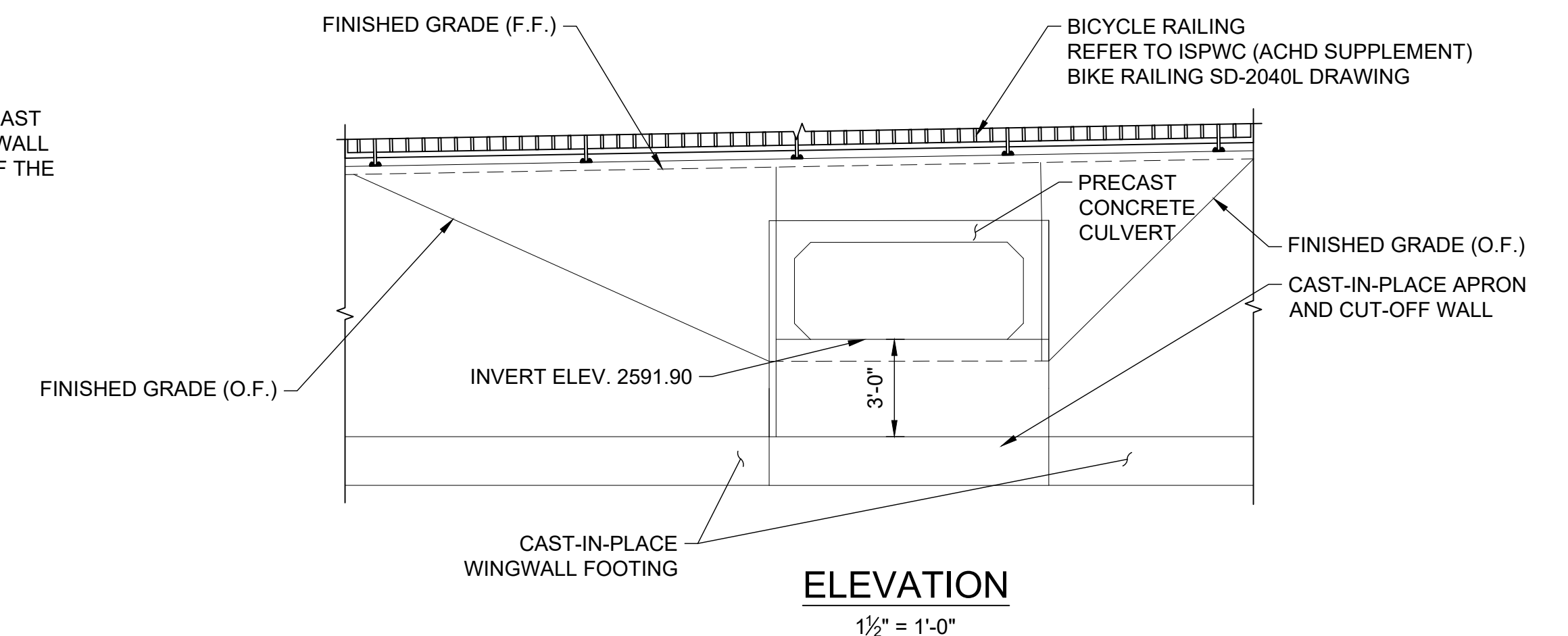
**TYPICAL SECTION**  
1/2" = 1'-0"



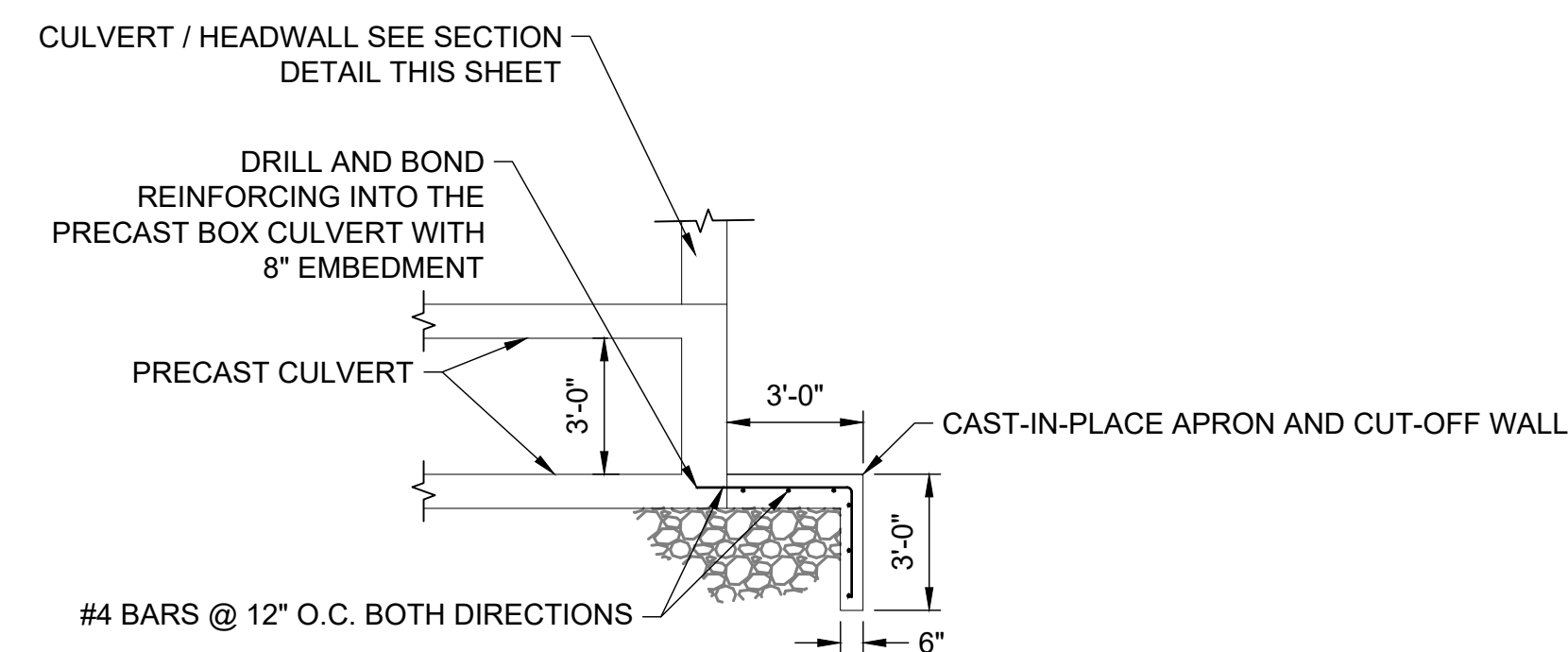
**FOUNDATION REINFORCING PLAN**  
1/2" = 1'-0"



**PLAN**  
1/2" = 1'-0"



**ELEVATION**  
1/2" = 1'-0"



**SECTION A-A**  
1/2" = 1'-0"

Revisions:

• SIGNATURES •

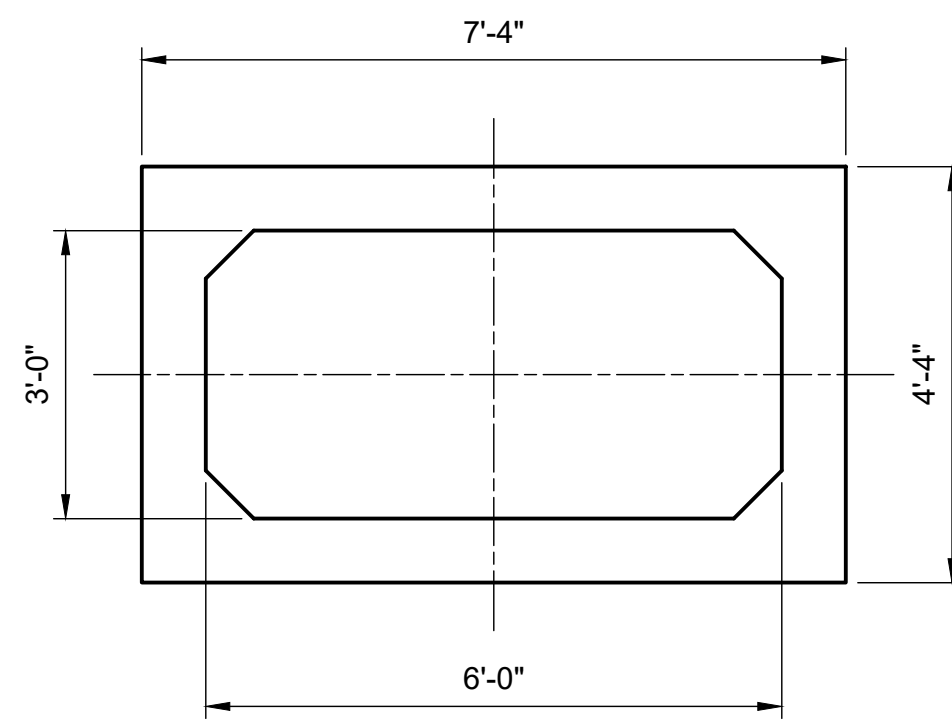
Design By: P. Blackham      Date: 1/2024      Drawn By: M. Oksten      Date: 1/2024

• D E T A I L T I T L E •  
**KENNEDY LATERAL CULVERT  
 WING WALL DETAILS**

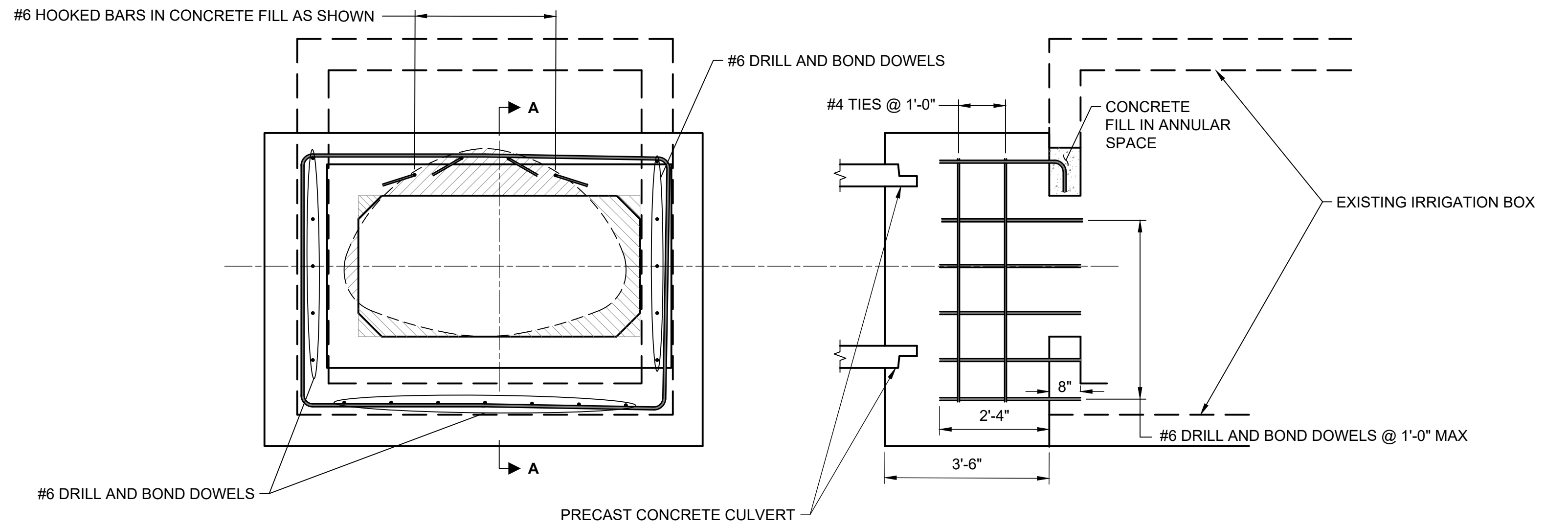


LAST SAVED: 6/26/2024 1:23 PM PRINTED: 6/27/2024 2:29 PM

J:\2227104 LINDER RD, OVERLAND RD TO FRANKLIN RD, DESN, CAD\3, DESIGN\PROJ\_DESN\KENNEDY LATERAL PLAN\_SHEETS\BRIDGE\1537\_DE\_03 (CAST-IN-PLACE).DWG



**TYPICAL CULVERT SECTION**  
3" = 1'-0"

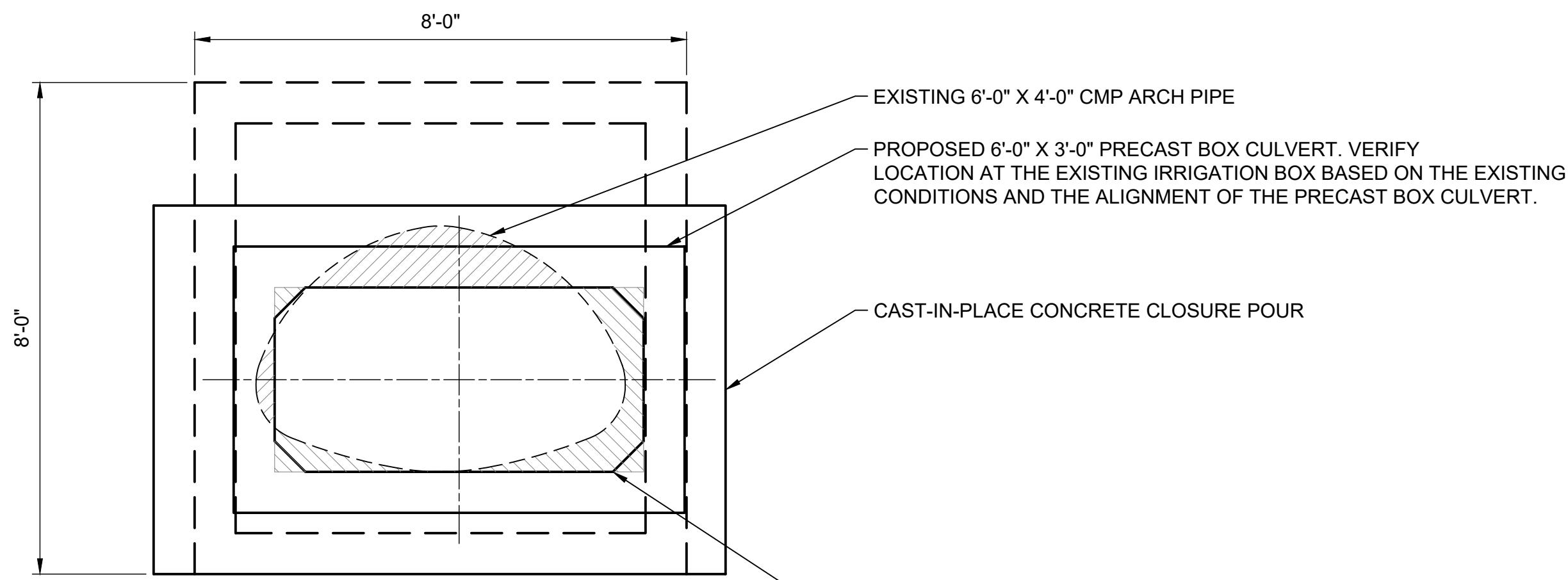


**CLOSURE POUR DETAIL ELEVATION**  
3" = 1'-0"

**SECTION A-A**  
3" = 1'-0"

**LEGEND**

- CONCRETE FILL AREA
- CONCRETE FILL AREA



**REMOVAL DETAIL**  
3" = 1'-0"

NOTE: FIELD VERIFY ALIGNMENT AND LOCATION OF THE PROPOSED BOX CULVERT SECTION WITH RESPECT EXISTING IRRIGATION BOX.

- EXISTING 6'-0" X 4'-0" CMP ARCH PIPE
- PROPOSED 6'-0" X 3'-0" PRECAST BOX CULVERT. VERIFY LOCATION AT THE EXISTING IRRIGATION BOX BASED ON THE EXISTING CONDITIONS AND THE ALIGNMENT OF THE PRECAST BOX CULVERT.
- CAST-IN-PLACE CONCRETE CLOSURE POUR
- AFTER REMOVING THE EXISTING CMP CULVERT, SAWCUT A RECTANGULAR OPENING 6'-0" X 3'-0" INTO THE EXISTING IRRIGATION BOX TO MATCH THE GROSS INSIDE DIMENSIONS OF THE PRECAST CULVERT.

Revisions:

• SIGNATURES •

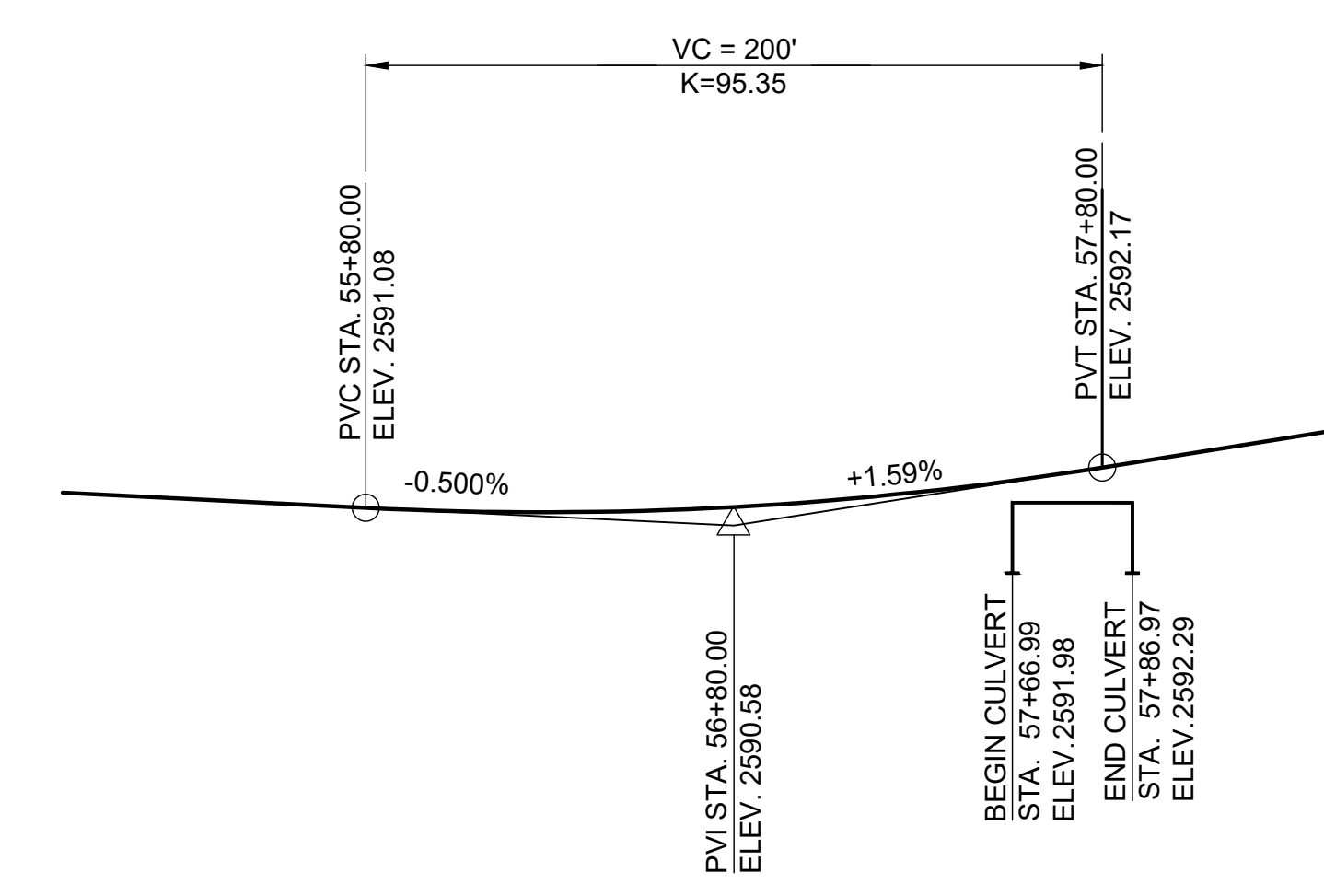
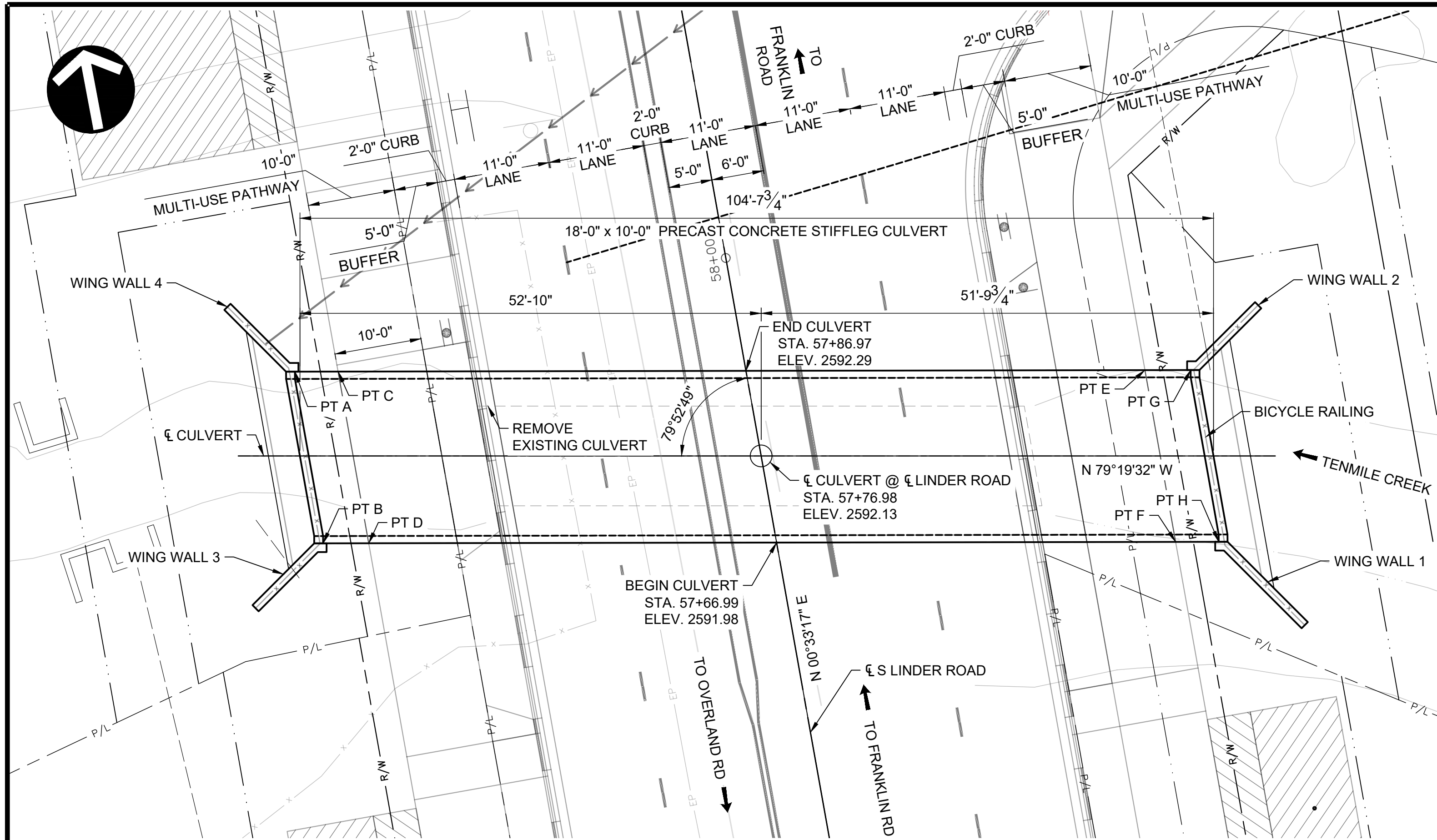
Design By: P. Blackham Date: 1/2024 Drawn By: M. Oksten Date: 1/2024

• D E T A I L T I T L E •  
**KENNEDY LATERAL CULVERT  
CONCRETE CLOSURE POUR DETAILS**



LAST SAVED: 6/27/2024 10:28 AM PRINTED: 6/27/2024 2:29 PM

J:\2227104 LINDER RD, OVERLAND RD TO FRANKLIN RD, DESN, CAD3, DESIGN PROJ, DEV11200, TEN MILE CREEK PLAN, SHEETS\BRIDGE\1200, SL01.DWG



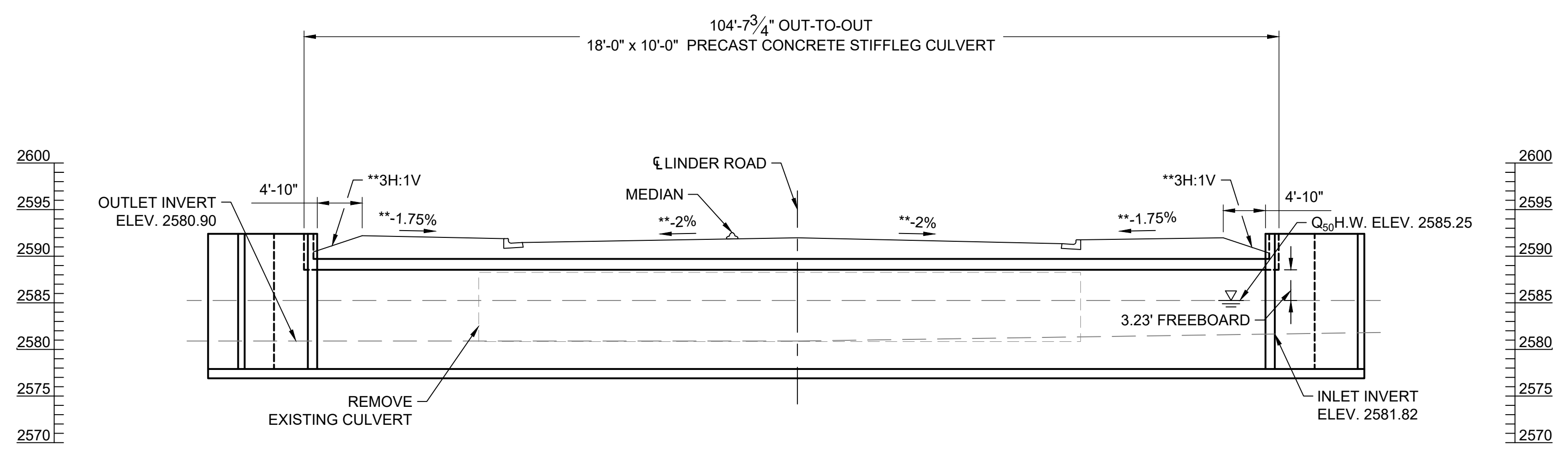
FINISHED GRADE ELEV.

POINT	STA.	OFFSET	ELEV.
PT A	57+95.86	50.87' Lt	2592.26
PT B	57+75.94	51.15' Lt	2590.89
PT C	57+95.00	46.00' Lt	2592.51
PT D	57+75.03	46.00' Lt	2592.20
PT E	57+78.93	45.00' Rt	2592.29
PT F	57+58.95	45.00' Rt	2591.98
PT G	57+78.02	50.16' Rt	2590.94
PT H	57+58.09	49.86' Rt	2591.70

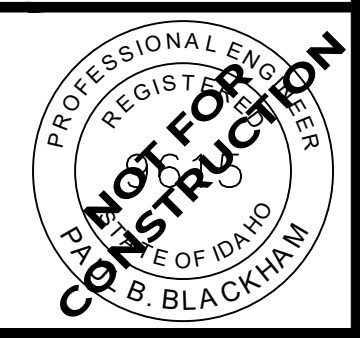
HYDRAULIC DATA

CANAL FLOW	DISCHARGE	H.W. ELEVATION	VELOCITY
MINIMUM	50 CFS	2584.43 FT	3.570 FPS
DESIGN	350 CFS	2586.48 FT	6.299 FPS
MAXIMUM	440 CFS	2586.97 FT	6.862 FPS

FLOW CONTROLLED BY TENMILE CREEK.



\*\*NORMAL TO  $\ell$ LINDER ROAD



Revisions: \_\_\_\_\_

• S I G N A T U R E S •

Design By: P. Blackham Date: 1/2024 Drawn By: M. Oksten Date: 1/2024

• D E T A I L T I T L E •  
**TENMILE CREEK CULVERT SITUATION AND LAYOUT**

J:\2227\104 LINDER RD, OVERLAND RD TO FRANKLIN RD, DESN, CAD\3, DESIGNPROJ\_DEV1\200\_TEN MILE CREEK PLAN\_SHEETS\BRIDGE\1200\_NO\_01.DWG  
 LAST SAVED: 6/27/2024 8:34 AM  
 PRINTED: 6/27/2024 2:30 PM

**DESIGN**

DESIGN SPECIFICATIONS  
 "AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS" 9th EDITION AND JUNE 2022 ITD BRIDGE DESIGN LRFD MANUAL.

DESIGN PROCEDURES  
 PROPRIETARY COMPUTER SOFTWARE PROGRAMS USED TO FACILITATE THE DESIGN:

NAME	VERSION	RELEASE DATE
ENERCALC	20.23.08.30	AUGUST 2023

**DESIGN LOADS**

<b>PERMANENT LOADS</b>	
DC	UNIT WEIGHT OF REINFORCED CONCRETE ..... 0.150 kcf
DW	FUTURE WEARING SURFACE ..... 0.028 ksf
EV	UNIT WEIGHT OF SOIL ..... 0.130 ksf
	FILL DEPTH ..... ** ft
<b>EH STIFFLEG CULVERT</b>	
	ACTIVE PRESSURE ..... 0.036 kcf Fully Drained 0.081 kcf Fully Saturated
	AT REST PRESSURE ..... 0.057 kcf Fully Drained 0.092 kcf Fully Saturated
<b>CAST-IN-PLACE WINGWALLS</b>	
	ACTIVE PRESSURE ..... 0.053 kcf Fully Drained 0.090 kcf Fully Saturated
	AT REST PRESSURE ..... 0.083 kcf Fully Drained 0.106 kcf Fully Saturated
	SOIL-STRUCTURE INTERACTION FACTOR ( $F_e$ OR $F_t$ ) ..... **
ES	EARTH LOAD SURCHARGE ..... ** ft
<b>TRANSIENT LOADS</b>	
LL	HL-93
IM	DYNAMIC ALLOWANCE APPLIED TO TRUCK & TANDEM
LS	LIVE LOAD SURCHARGE AT ABUTMENT ..... ** ft
	LIVE LOAD SURCHARGE AT WINGWALL ..... ** ft (DETERMINE FROM AASHTO LRFD TABLE 3.11.6.4.1 AND TABLE 3.11.6.4-2)

\*\* - THE PRECAST SUPPLIER DETERMINES THESE VALUES IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT.

**PRECAST STIFFLEG CULVERT**

<b>FOOTING DESIGN LOADS</b>	<b>SERVICE LIMIT STATE</b>
STRENGTH LIMIT STATE - BEARING	PRESUMPTIVE BEARING CAPACITY $q_p$ = ** ksf
NOMINAL BEARING RESISTANCE $q_n$ = ** ksf	BASED UPON FOOTING SETTLEMENT = ** inches OR LESS
EFFECTIVE FOOTING WIDTH $B'$ = ** ft	EFFECTIVE FOOTING WIDTH $B'$ = ** ft
EFFECTIVE FOOTING LENGTH $L'$ = ** ft	EFFECTIVE FOOTING LENGTH $L'$ = ** ft
RESISTANCE FACTOR $\phi_b$ = 0.45	RESISTANCE FACTOR $\phi$ = 1.0
FACTORED BEARING RESISTANCE $q_n = q_n$ $\phi_b$ = ** ksf	FACTORED PRESUMPTIVE BEARING RESISTANCE $\Phi_{q_p}$ = ** ksf
FACTORED APPLIED LOAD $YQ/(B'L)$ = ** ksf	FACTORED APPLIED LOAD $YQ/(B'L)$ = ** ksf

**CAST-IN-PLACE WINGWALLS**

<b>FOOTING DESIGN LOADS</b>	<b>SERVICE LIMIT STATE</b>
STRENGTH LIMIT STATE - BEARING	PRESUMPTIVE BEARING CAPACITY $q_p$ = 3.00 ksf
NOMINAL BEARING RESISTANCE $q_n$ = 15.1 ksf	BASED UPON FOOTING SETTLEMENT = 1 inch OR LESS
EFFECTIVE FOOTING WIDTH $B'$ = 8.86 ft	EFFECTIVE FOOTING WIDTH $B'$ = 8.86 ft
RESISTANCE FACTOR $\phi_b$ = 0.45	RESISTANCE FACTOR $\phi$ = 1.0
FACTORED BEARING RESISTANCE $q_n = q_n$ $\phi_b$ = 6.80 ksf	FACTORED PRESUMPTIVE BEARING RESISTANCE $\Phi_{q_p}$ = 3.00 ksf
FACTORED APPLIED LOAD $YQ/(B'L)$ = 3.43 ksf	FACTORED APPLIED LOAD $YQ/(B'L)$ = 2.45 ksf

**GENERAL NOTES**

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

**MATERIAL**

CONCRETE: DECK SLAB AND EDGE BEAM - CLASS 40A  $f_c$  = 4.00 ksi  
 BARREL WALLS, FOOTINGS AND WINGWALLS - CLASS 40A  $f_c$  = 4.00 ksi  
 METAL REINFORCEMENT: AASHTO M31, GRADE 60 TYPE S  $f_y$  = 60.00 ksi  
 CORROSION RESISTANT REINFORCING STEEL: ASTM A1035, GRADE 100  $f_y$  = 100.00 ksi.  
 USE CORROSION RESISTANT REINFORCING IN ACCORDANCE WITH ASTM A1035, GRADE 100 FOR THE TOP AND SIDES OF THE CONCRETE STIFFLEG STRUCTURE. USE METAL REINFORCEMENT IN ACCORDANCE WITH AASHTO M31, GRADE 60 FOR FOOTINGS.

**PLAN DIMENSIONS AND ELEVATIONS**

BEVEL EXPOSED EDGES OF CONCRETE 3/4" UNLESS NOTED OTHERWISE.  
 DIMENSIONS TO REINFORCING STEEL ARE TO CENTERLINE OF BAR UNLESS NOTED OTHERWISE.  
 PROVIDE 2" CONCRETE COVER MEASURING 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**

PROVIDE CONSTRUCTION JOINTS AT THE LOCATIONS SHOWN ON THE PLANS OR AS APPROVED.  
 APPLY CONCRETE WATERPROOF SYSTEM TYPE D TO THE TOP SLAB.  
 DO NOT EXCEED A DIFFERENCE OF 2 FEET IN ELEVATION OF THE BACKFILL MATERIAL ON BOTH SIDES OF THE STRUCTURE DURING BACKFILL OPERATIONS.  
 SET THE ROLLER IN THE STATIC MODE FOR COMPACTING THE ASPHALT WEARING SURFACE OVER THE CULVERT WHEN THE DEPTH OF FILL IS LESS THAN 3'.  
 ELEVATIONS BASED ON NAVD 88 DATUM.

**INCIDENTAL ITEMS**

WORK NECESSARY TO FULFILL THE CONTRACT THAT IS NOT MEASURED OR PAID FOR SEPARATELY.

• D E T A I L T I T L E •

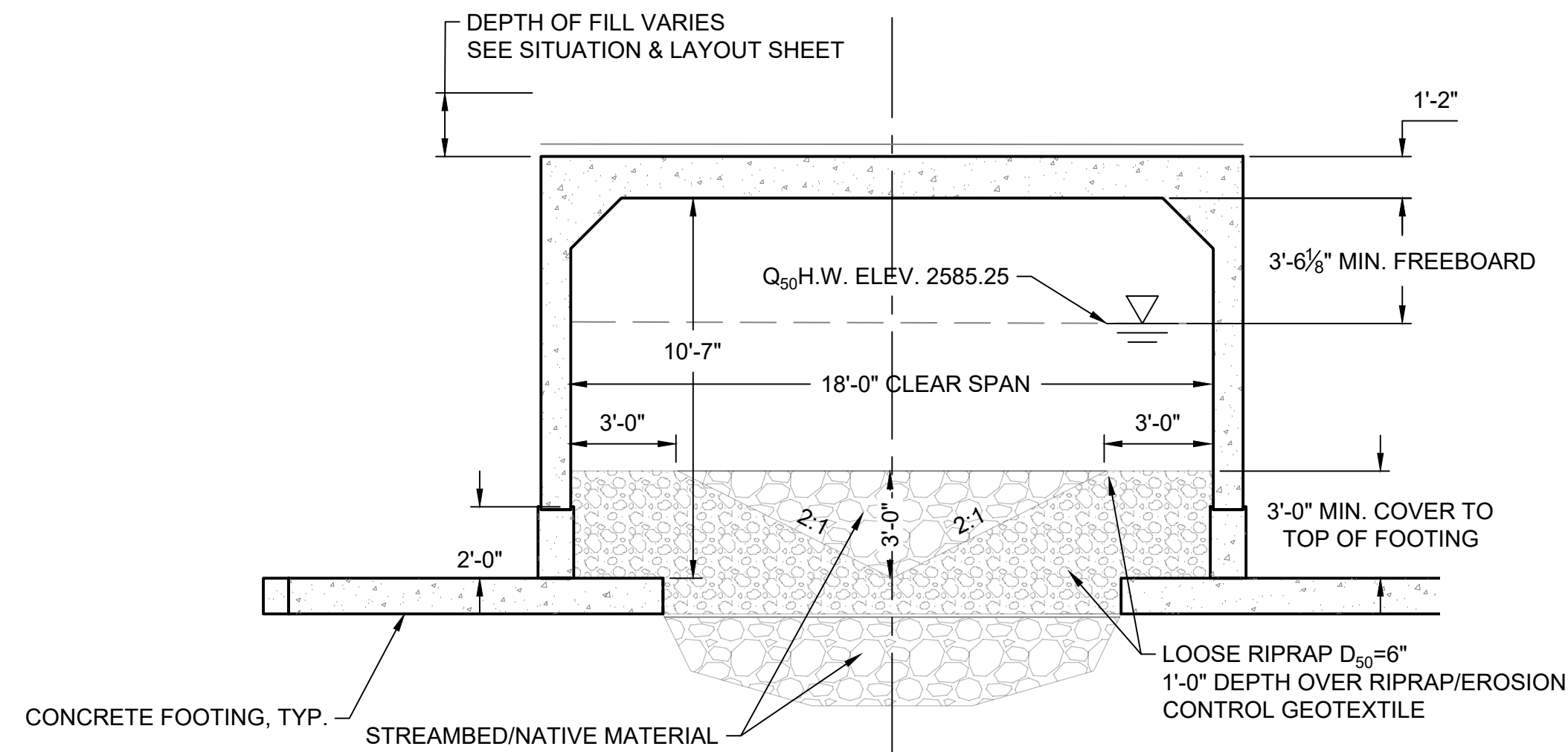
• S I G N A T U R E S •

Design By: P. Blackham Date: 1/2024 Drawn By: M. Oksten Date: 1/2024

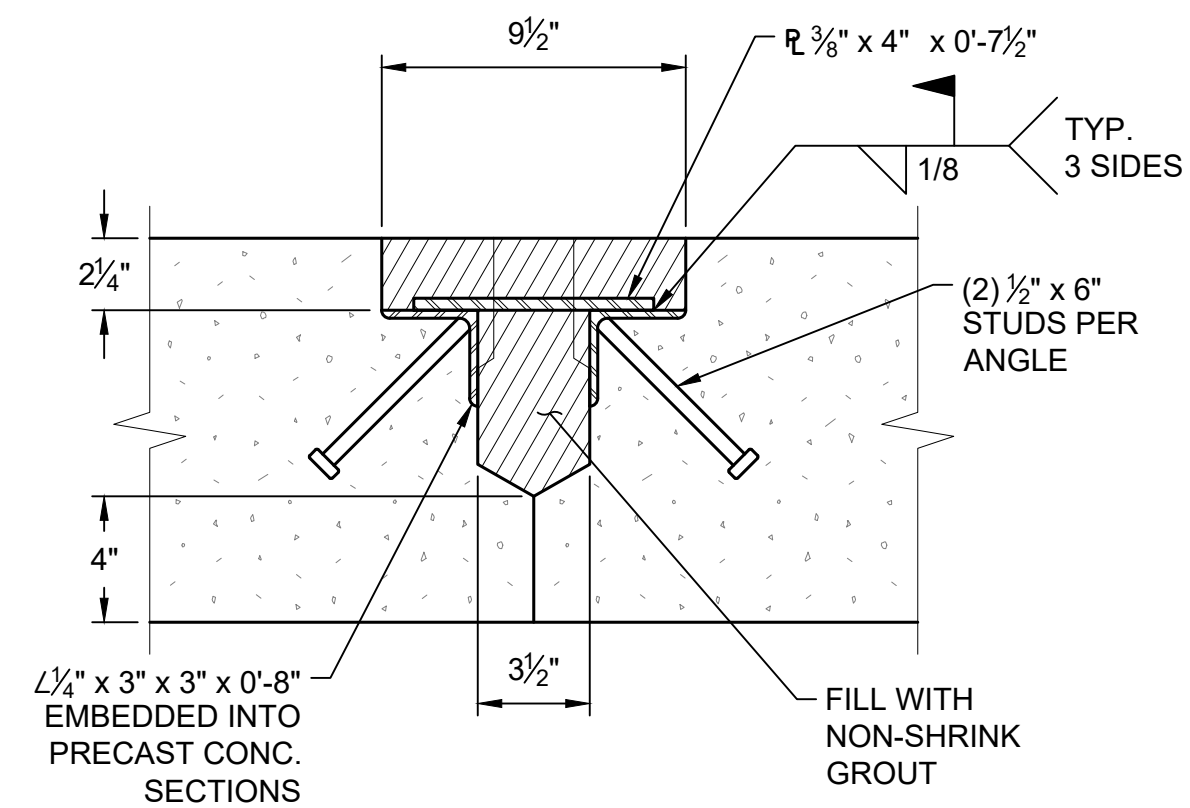
**TENMILE CULVERT GENERAL NOTES**



J:\2227\04 LINDER RD. OVERLAND RD TO FRANKLIN RD. DESN. CAD\3. DESIGN\PROJ\_DESN\1200\_TEN MILE CREEK\PLAN\_SHEETS\BRIDGE\1200\_DE\_01.DWG  
 LAST SAVED: 6/26/2024 5:53 PM  
 PRINTED: 6/27/2024 2:30 PM

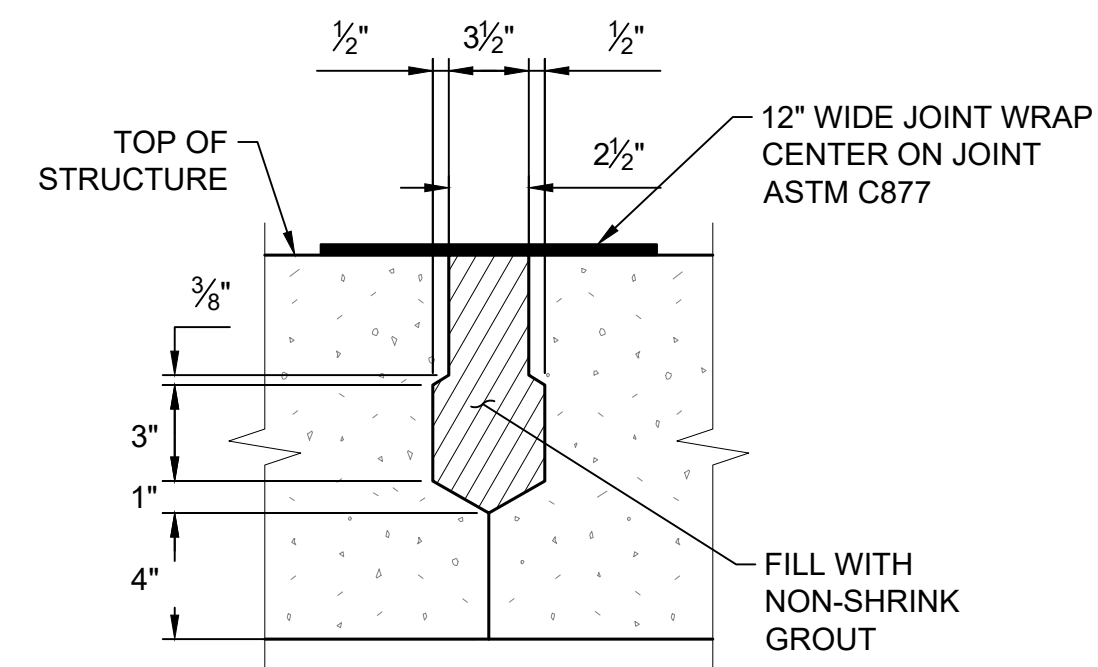


**TYPICAL SECTION**  
1/2" = 1'-0"



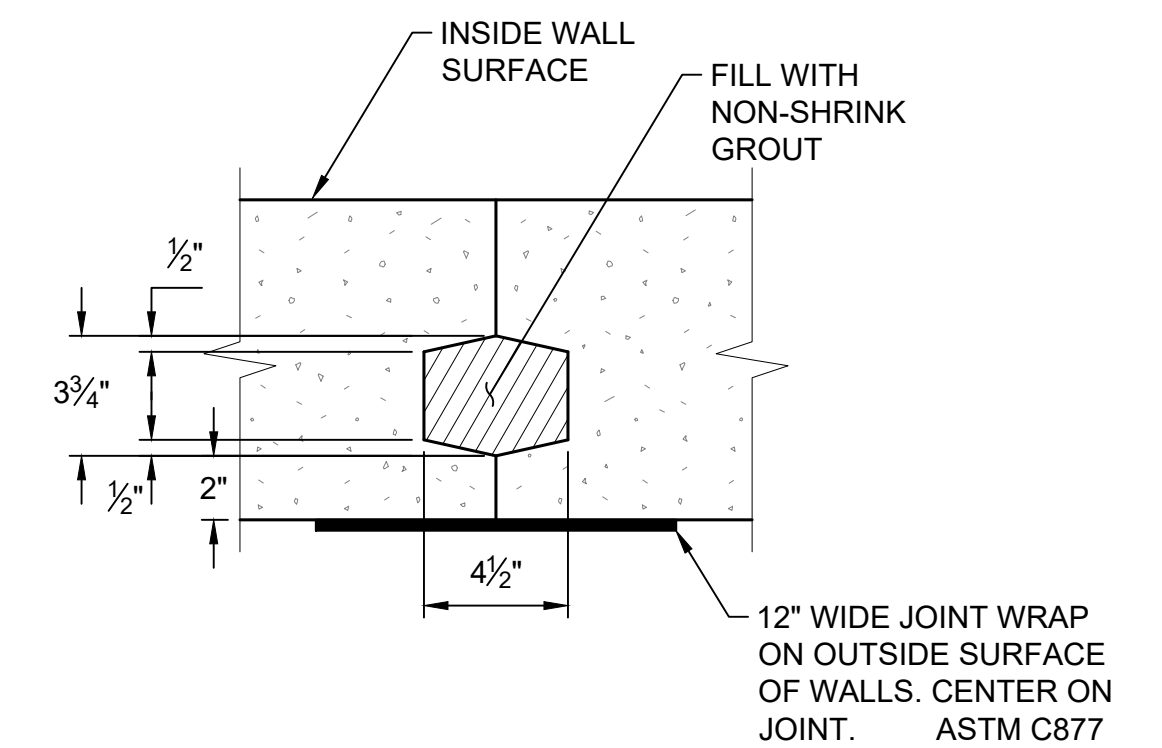
NOTE:  
 PROVIDE A MINIMUM OF 2 WELD CONNECTIONS  
 AT THE TOP SLAB JOINT OF EACH PRECAST  
 SECTION (EACH SIDE)

**WELD CONNECTION**  
1" = 1'-0"

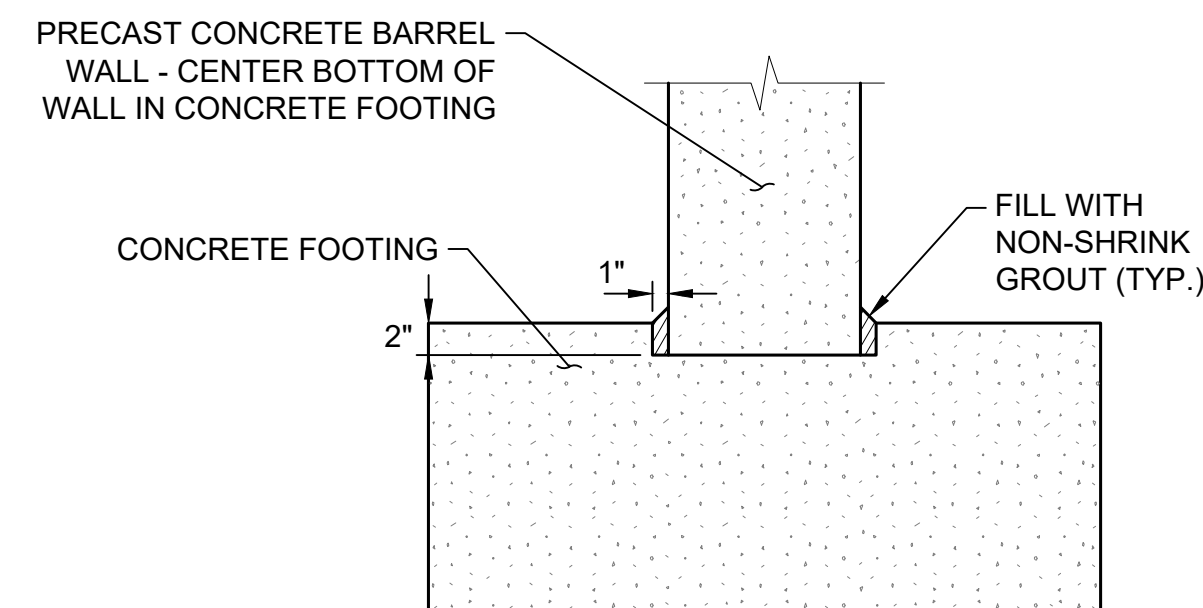


NOTE:  
 TYPICAL AT SLAB JOINTS, FULL LENGTH

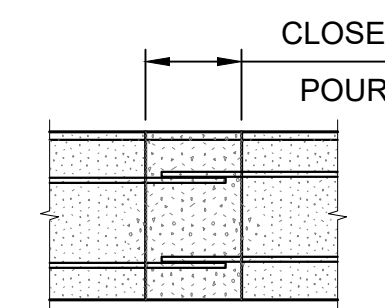
**SLAB JOINT**  
1" = 1'-0"



**VERTICAL WALL JOINT**  
1" = 1'-0"



**BARREL WALL/FOOTING CONNECTION**  
6" = 1'-0"



**PRECAST FOOTING CLOSURE POUR**  
1/2" = 1'-0"

**NOTES:**

- SEE SITUATION LAYOUT SHEET FOR CANAL INVERT AND WATER SURFACE ELEVATIONS AT INLET AND OUTLET OF CULVERT.
- SEE SITUATION AND LAYOUT SHEET FOR ROADWAY HORIZONTAL ALIGNMENT AND PROFILE GRADE. COMPUTE DEPTH OF FILL FOR THE SELECTED PROPRIETARY PRECAST SYSTEM.
- APPLY WATERPROOFING SYSTEM, TYPE E TO TOP SLAB FROM FACE OF CURB TO FACE OF THE EDGE BEAM AND 1'-6" DOWN THE OUTSIDE FACE OF EACH WALL.
- PROVIDE A PROPRIETARY PRECAST SYSTEM SELECTED FROM TYPICAL SECTION SHOWN OR APPROVED EQUAL AND INCLUDE DETAILS AS SHOWN BELOW OR APPROVED EQUAL.
- PROVIDE EITHER CAST-IN-PLACE OR PRECAST CULVERT ELEMENTS FOR COMPONENTS SUCH AS FOOTINGS AND EDGE BEAMS. PROVIDE CAST-IN-PLACE WINGWALLS AND WINGWALL FOOTINGS.
- OFFSET JOINTS BETWEEN PRECAST FOOTING SECTIONS A MINIMUM OF 2' FROM PRECAST BARREL SECTION JOINTS. CONNECT PRECAST FOOTING SECTIONS BY SPLICING THE REINFORCEMENT WITHIN A CLOSURE POUR.
- PROVIDE A MINIMUM BARREL WALL THICKNESS OF 8".
- USE DIMENSIONAL TOLERANCES IN ACCORDANCE WITH ASTM C1504 SECTION 11.
- THE COST OF THE FOOTING CLOSURE POUR IS INCIDENTAL TO THE COST OF THE PRECAST STIFFLEG CULVERT.
- PROVIDE GROUT THAT CONFORMS TO TYPE "B", CLASS I NON-METALLIC NON-SHRINK AS SPECIFIED IN 705.02.

Revisions:

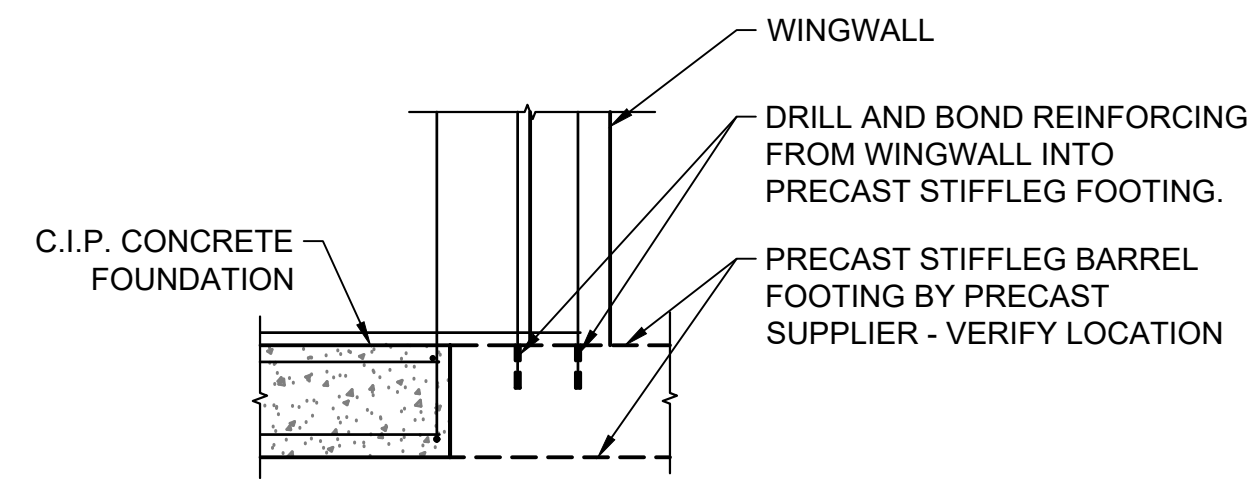
• SIGNATURES •

Design By: P. Blackham Date: 1/2024 Drawn By: M. Oksten Date: 1/2024

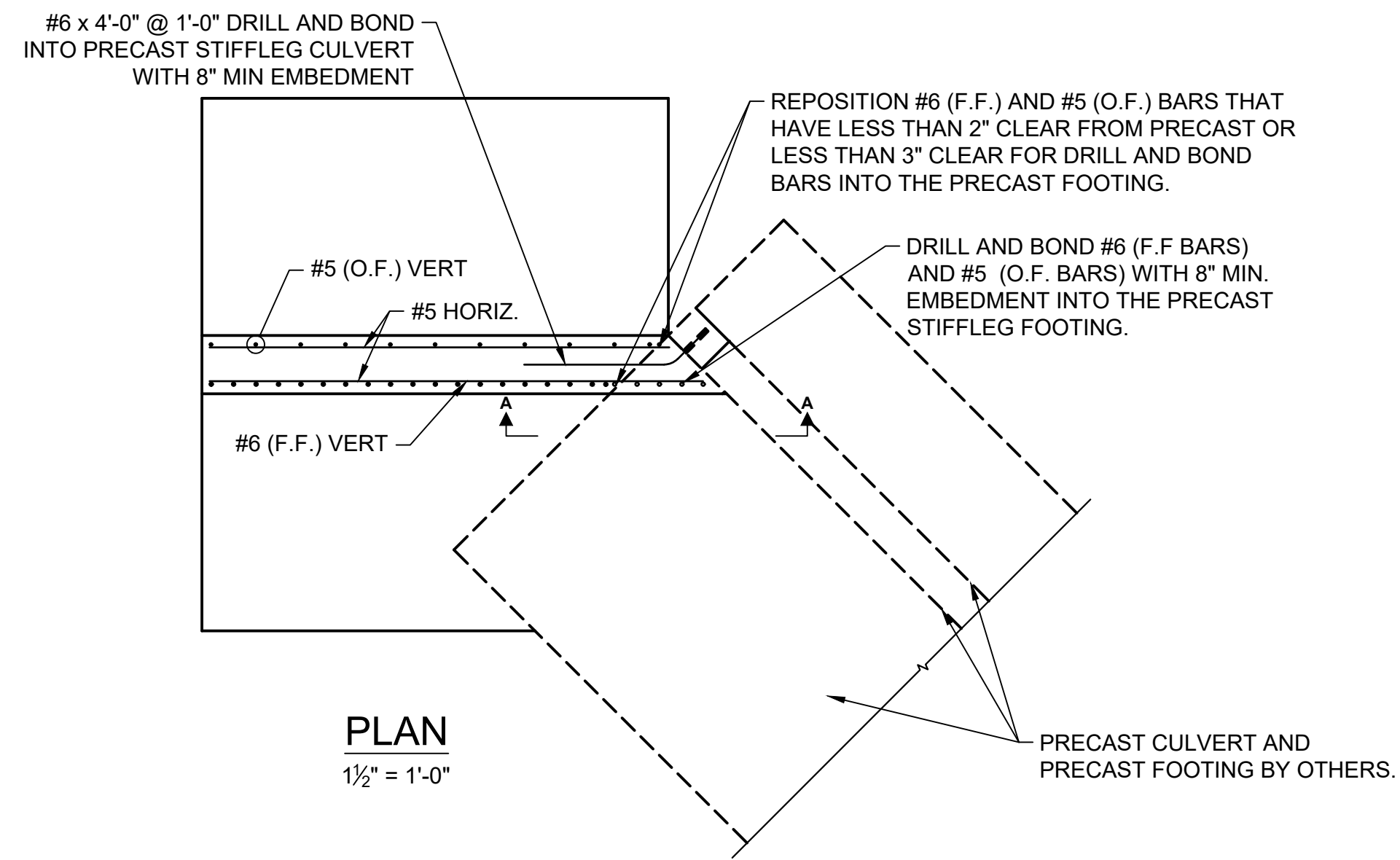
• D E T A I L T I T L E •  
**TENMILE CREEK CULVERT DETAILS**



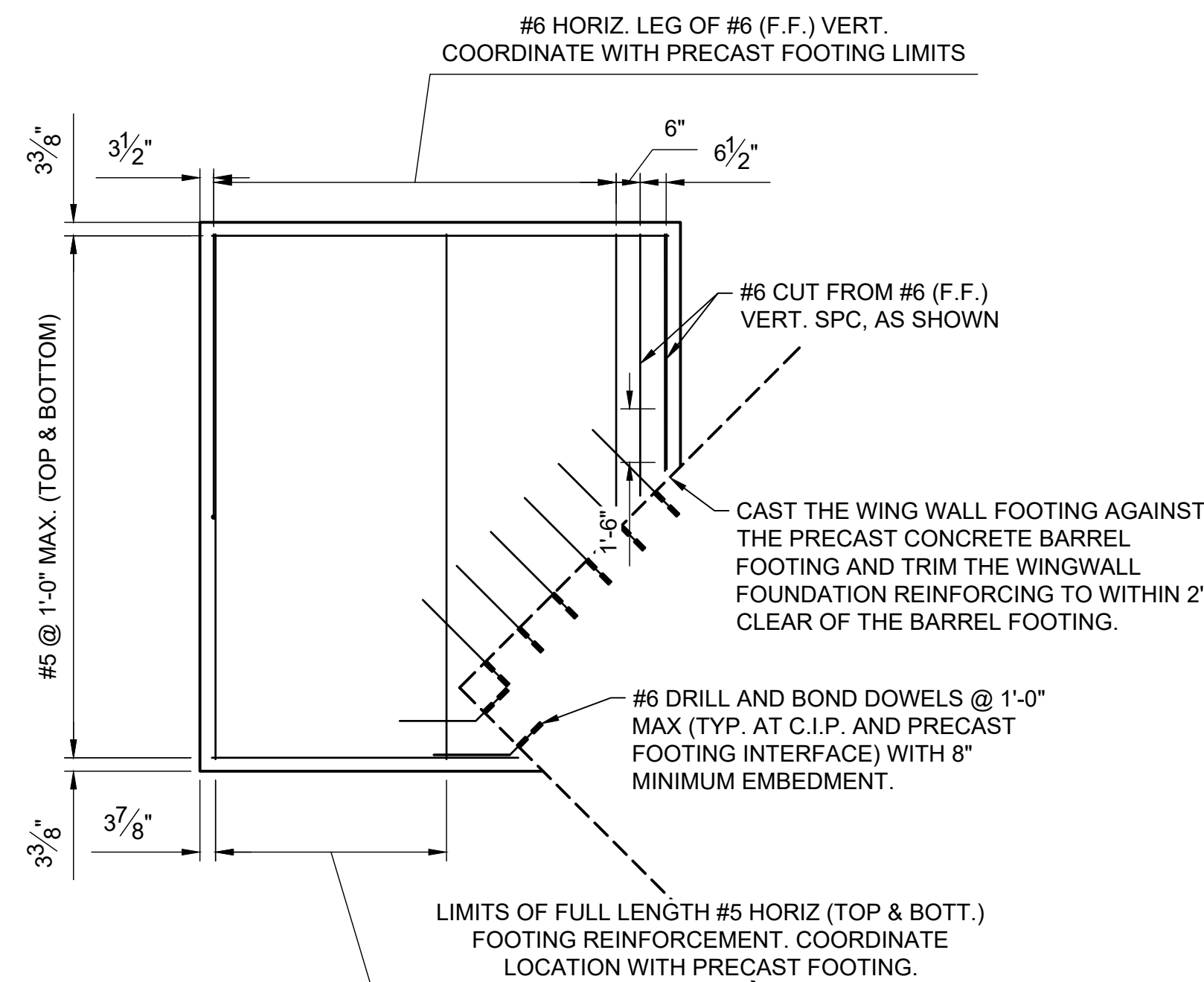
J:\2227\04 LINDER RD. OVERLAND RD TO FRANKLIN RD. DESN\ CAD\3 DESIGN\PROJ\_DEV\1200\_TEN MILE CREEK\PLAN\_SHEETS\BRIDGE\1200\_DE\_02 (WINGWALL).DWG LAST SAVED: 6/27/2024 11:07 AM PRINTED: 6/27/2024 2:30 PM



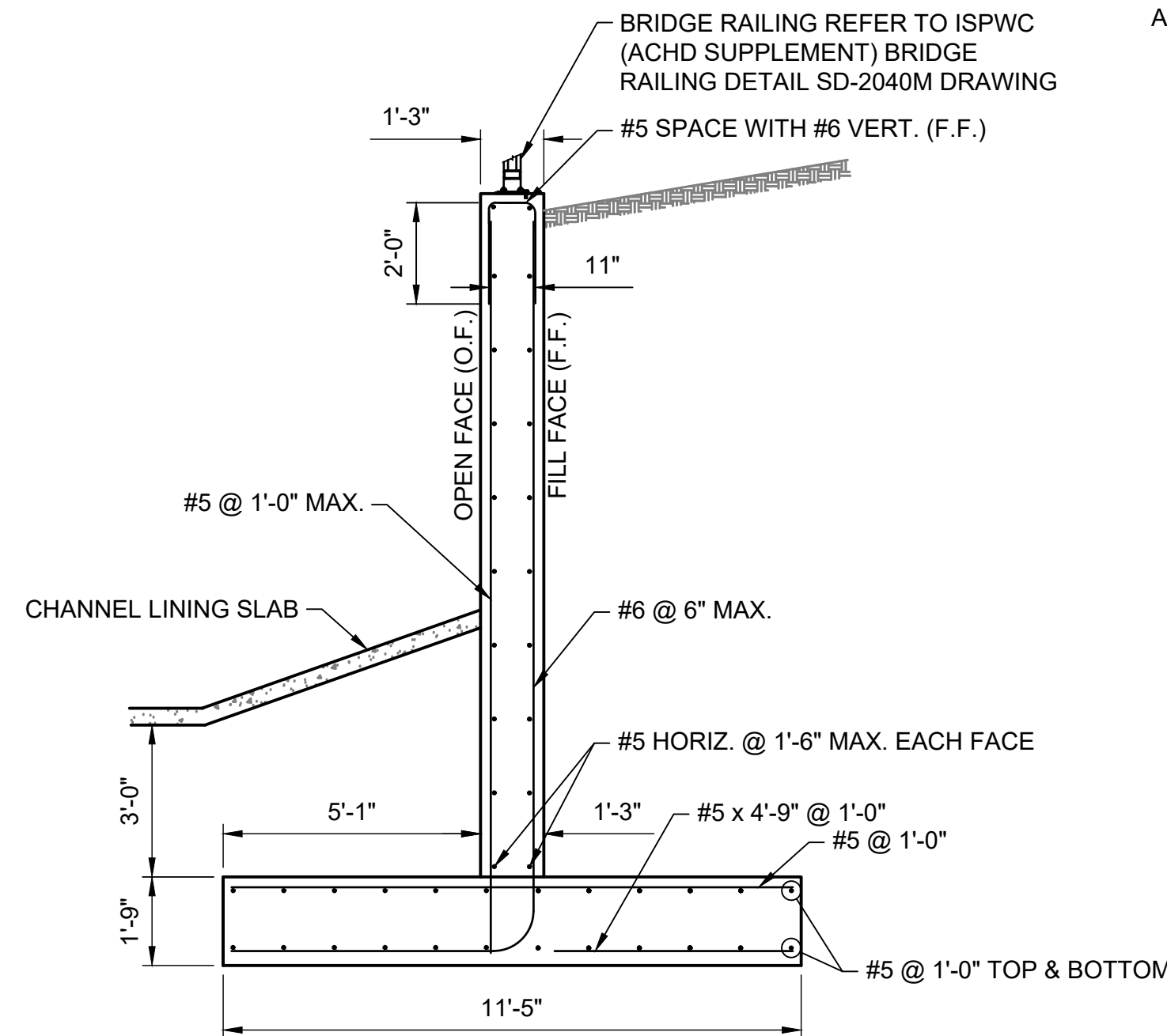
**SECTION A-A**  
1/2" = 1'-0"



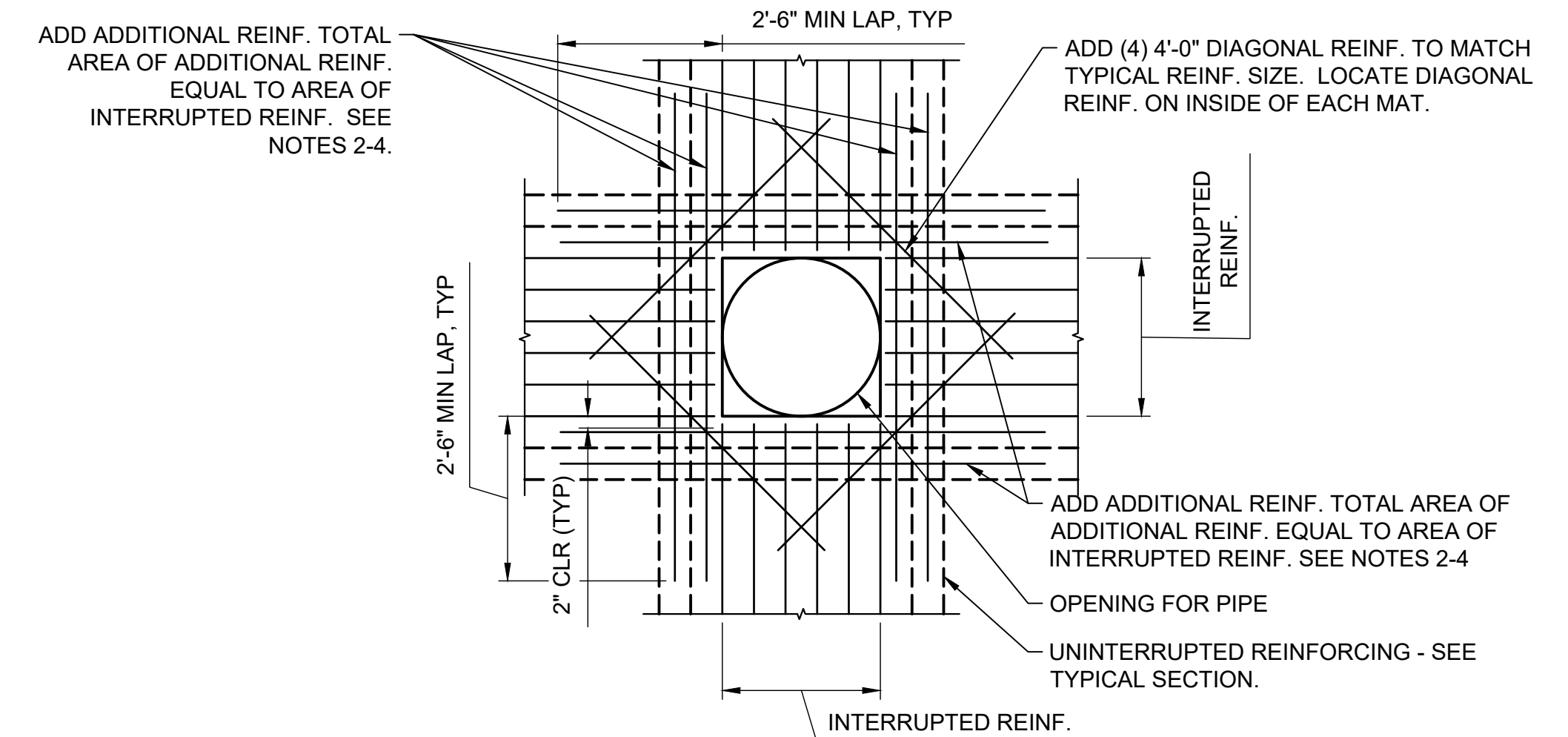
**PLAN**  
1/2" = 1'-0"



**FOUNDATION REINFORCING PLAN**  
1/2" = 1'-0"



**TYPICAL SECTION**  
1/2" = 1'-0"



- NOTES:**
1. PROVIDE MINIMUM LAP BEYOND OPENING, TYP ALL ADDITIONAL REINF.
  2. ADD ADDITIONAL REINF ON EACH FACE.
  3. PROVIDE A MIN. OF (1) ADDITIONAL BAR, EACH FACE, EACH WAY, EACH SIDE OF OPENING, INCLUDING DOWELS AND CORNER BARS, TYP.
  4. SPACE AT 3 BAR DIAMETERS (or 3" MIN) ON CENTER. LOCATED HALF TOTAL AREA ON EACH SIDE OF OPENING.
  5. 2" MIN CLEAR FROM EDGE OF OPENING TO REINFORCING, TYP.

**REINFORCING AROUND OPENING FOR PIPE IN WINGWALL**  
N.T.S.

Revisions:

• SIGNATURES •

Design By: P. Blackham

Date: 1/2024

Drawn By: L. Loughney

Date: 1/2024

• D E T A I L T I T L E •  
**TENMILE CREEK CULVERT  
WINGWALL DETAILS**

**KELLER  
ASSOCIATES**

PROFESSIONAL ENGINEER  
REGISTERED MEMBER  
STATE OF IDAHO  
**CONSTRUCTION**  
B. BLACKHAM



# NOTES

- Submit Detailed Construction Phasing And Traffic Control Plans To ACHD For Review And Approval Prior To Construction. The Proposed Construction Phasing Shown On These Streets Is An Example That May Be Accepted By The Contractor. However, The Contractor Is Encouraged To Develop Their Own Phasing Plan To Fit Their Operations. The Contractor's Traffic Control Plans Must Show Advanced Construction Signage And Detailed Traffic Control For Each Phase Of Work, And Address Pedestrian, Bicycle, And Vehicular Traffic.
- Maintain Existing Pedestrian Facilities Including Pedestrian Ramps. Where Necessary, Provide Temporary Pedestrian Ramps And Crossings. Make Temporary Facilities Detectable And Include Accessibility Features Consistent With The Existing Pedestrian Facility.
- ACHD May Require Modifications To The Phasing And Traffic Control Plans In The Field To Minimize Disruption To Traffic.
- Maintain A Minimum Width Of 11' (Feet) For All Travel Lanes Unless Noted Otherwise On The Example Construction Phasing Plans. The Minimum Number Of Travel Lanes Indicated On The Example Plans Must Be Maintained At All Times Unless Approved Otherwise By ACHD.
- Meet Or Exceed The Requirements Of The Current Version Of MUTCD For Construction Signs, Traffic Control Devices, And Taper Lengths.
- Construction Traffic Control Signs That Are Located On The Project Longer Than Three Days Must Be Installed As A Permanent Installation Mounted On A Wood Or Steel Post. Completely Cover Or Remove Sign Faces From The Roadway When Not In Use. Place Informational Signs Seven Working Days Prior To The Start Of Construction.
- Completely Obliterate Conflicting Pavement Markings Prior To Shifting Traffic, Incidental To Project Construction.
- Changes In Traffic Patterns That Will Be In Place Longer Than Three Days Require Painted Pavement Markings On Asphalt Pavement Surfaces, Item 1134.03.21, And Pavement Marking Tape On Concrete Pavement Surfaces, Item 1103.4.1.K.1. No Point Is Allowed On The Concrete Pavement. All Paint Placed On The Final Asphalt Pavement Must Be In The Final Lane Configuration. No Paint For Temporary Lanes Will Be Allowed On The Final Pavement Surface.
- Night Work Will Only Be Allowed With Prior Approval From ACHD. Contractor To Request Approval A Minimum Of Two Weeks Prior To Ensure That Adequate Time Is Available For ACHD To Coordinate With Nearby Residents And/Or Business.
- The Approved Quantity Of Temporary Pavement Will Be Paid For By Item SP-08105.

## PEDESTRIAN ACCESSIBILITY

- Maintain Reasonable ADA Access For Pedestrians.
- Provide ADA Ped Continuity During All Stages. Provide Detailed Plan For Approval To ACHD Prior To Construction.
- Signage Shown May Require Adjustments Based On Contractors Construction Staging.
- Any ACHD Approved Roadway Closure Still Requires Reasonable ADA Access & Routes Be Provided, Maintained, And Adjusted, To Meet The Needs Of Pedestrians And Bikes In The Event Bike Lanes Are Impacted.
- Ref. ACHD Std. Traffic Control Template TC-200 Through TC-204 To Assist & Ensure Reasonable ADA Access Is Maintained Throughout The Construction Process.
- Temporary Ramps, Sidewalks, Or Pathways Are To Be Removed Upon Completion Of The Applicable Construction Phase And Removal Considered Incidental To Project. Return The Surface To Its Original Condition And All Cost Associated Will Be Considered Incidental.
- Utilize Pedestrian Route Signage From Stage 1 & Stage 2 In Stage 3.
- Relocation Of Signs Is Covered Under Traffic Control Maintenance, Item 1103.4.1.J.1.
- Any Items Not Specifically Identified Herein That Required Additional Pedestrian Temporary Traffic Control Will Be Paid By Item Sp 11551 - Pedestrian Temporary Traffic Control Plan.

## LEGEND

STAGES	
	<b>Stage 1</b> Relocate Utilities, Culvert, Temporary Pavement, Begin Overpass Construction, Verbena Construction, Temporary Pedestrian Crossings
	<b>Stage 2</b> Move Traffic To Temporary Pavement (West Side), Construct East Side, Continue Overpass Construction
	<b>Stage 3</b> Move Traffic To East Side, Construct West Side, Complete Overpass Construction
	Existing Sidewalk
	Temporary Asphalt Pavement
	Temporary Pedestrian Crossing

Revisions:

## PROBABLE SEQUENCING FOR CONSTRUCTION STAGING

### Stage 1

**Relocate Utilities**  
All Utilities Currently Obstructing New Design Will Be Relocated, As Shown On The Utility Plans.  
**Install Culvert/Bridge**  
Install The Culverts Located At The Ten Mile Creek And The Kennedy Lateral.  
**Construct Temporary Pavement**  
Construct Temporary Pavement, SP-08105 On The West Side Of Linder Rd, See Stage 1 For Details. Keep Traffic On The Existing Pavement.

### Stage 2

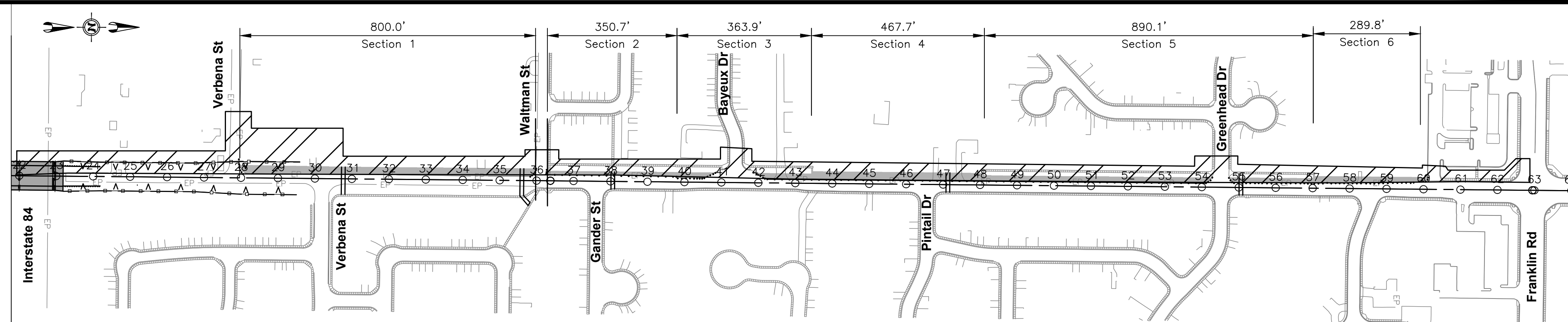
**Move Traffic**  
Once Temporary Pavement Is Constructed On The West Side, Install Temporary Pavement Markings, And Move Traffic Onto Temporary Pavement.  
**Construct East Side**  
With Traffic Moved Onto Temporary Pavement, The East Side May Be Removed And Constructed.

### Stage 3

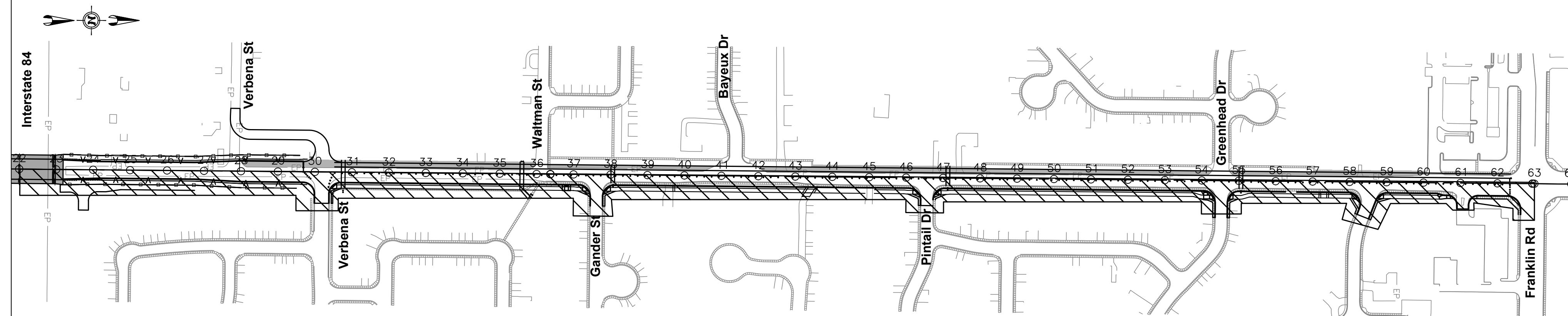
**Move Traffic**  
After The East Side Has Been Constructed, Traffic Will Be Moved Onto New Pavement (East Side).  
**Construct West Side**  
The Temporary Pavement Will Be Removed On The West Side, And Construction Will Start For The West Side.  
**Overpass Construction**  
The Overpass Construction Will Be Completed On This Stage Of Construction.

### Stage 4

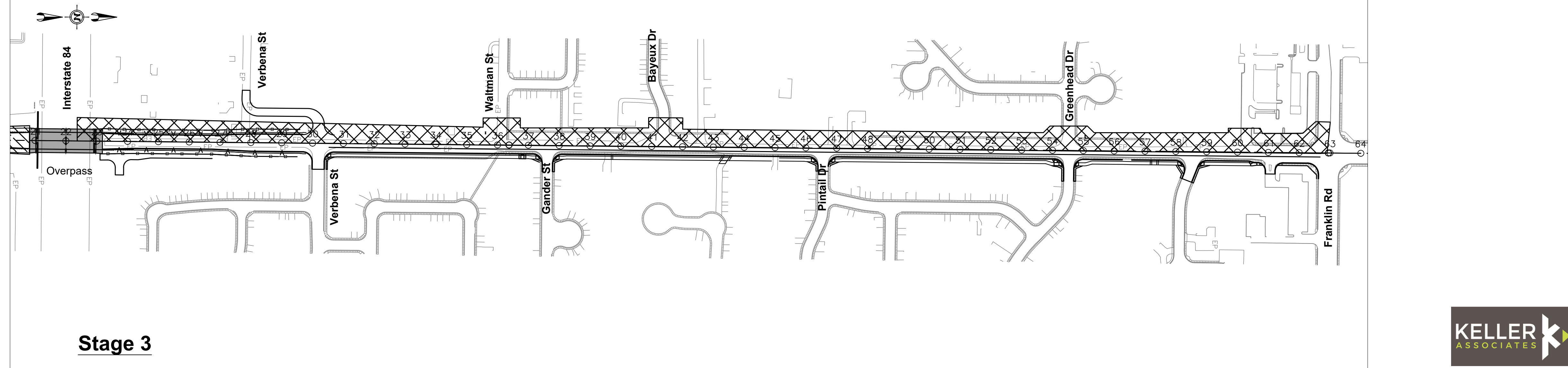
**Construct Linder South Of Overpass**  
Construct The Roadway From The Connection Point Of The Previous Work At The Linder/Overland Intersection Up To The Approach Of The Overpass.



### Stage 1



### Stage 2



### Stage 3

• SIGNATURES •

Design By: J. Thornton

Date: 1/2024

Drawn By: A. Corley

Date: 1/2024

• D E T A I L T I T L E •  
**CONSTRUCTION STAGING OVERVIEW  
NO. 1**

**KELLER ASSOCIATES**



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\_3\_DESIGN\PLANS BID 2\CONSTRUCTION STAGING OVERVIEW.DWG LAST SAVED: 6/27/2024 1:24 PM PRINTED: 6/27/2024 11:20 AM

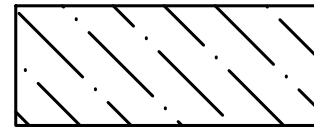



# NOTES

- Submit Detailed Construction Phasing And Traffic Control Plans To ACHD For Review And Approval Prior To Construction. The Proposed Construction Phasing Shown On These Streets Is An Example That May Be Accepted By The Contractor. However, The Contractor Is Encouraged To Develop Their Own Phasing Plan To Fit Their Operations. The Contractor's Traffic Control Plans Must Show Advanced Construction Signing And Detailed Traffic Control For Each Phase Of Work, And Address Pedestrian, Bicycle, And Vehicular Traffic.
- Maintain Existing Pedestrian Facilities Including Pedestrian Ramps. Where Necessary, Provide Temporary Pedestrian Ramps And Crossings. Make Temporary Facilities Detectable And Include Accessibility Features Consistent With The Existing Pedestrian Facility.
- ACHD May Require Modifications To The Phasing And Traffic Control Plans In The Field To Minimize Disruption To Traffic.
- Maintain A Minimum Width Of 11' (Feet) For All Travel Lanes Unless Noted Otherwise On The Example Construction Phasing Plans. The Minimum Number Of Travel Lanes Indicated On The Example Plans Must Be Maintained At All Times Unless Approved Otherwise By ACHD.
- Meet Or Exceed The Requirements Of The Current Version Of MUTCD For Construction Signs, Traffic Control Devices, And Taper Lengths.
- Construction Traffic Control Signs That Are Located On The Project Longer Than Three Days Must Be Installed As A Permanent Installation Mounted On A Wood Or Steel Post. Completely Cover Or Remove Sign Faces From The Roadway When Not In Use. Place Informational Signs Seven Working Days Prior To The Start Of Construction.
- Completely Obliterate Conflicting Pavement Markings Prior To Shifting Traffic, Incidental To Project Construction.
- Changes In Traffic Patterns That Will Be In Place Longer Than Three Days Require Painted Pavement Markings On Asphalt Pavement Surfaces, Item 1134.03.21, And Pavement Marking Tape On Concrete Pavement Surfaces, Item 1103.4.1.K.1. No Point Is Allowed On The Concrete Pavement. All Paint Placed On The Final Asphalt Pavement Must Be In The Final Lane Configuration. No Paint For Temporary Lanes Will Be Allowed On The Final Pavement Surface.
- Night Work Will Only Be Allowed With Prior Approval From ACHD. Contractor To Request Approval A Minimum Of Two Weeks Prior To Ensure That Adequate Time Is Available For ACHD To Coordinate With Nearby Residents And/Or Business.
- The Approved Quantity Of Temporary Pavement Will Be Paid For By Item SP-08105.

## PEDESTRIAN ACCESSIBILITY

- Maintain Reasonable ADA Access For Pedestrians.
- Provide ADA Ped Continuity During All Stages. Provide Detailed Plan For Approval To ACHD Prior To Construction.
- Signage Shown May Require Adjustments Based On Contractors Construction Staging.
- Any ACHD Approved Roadway Closure Still Requires Reasonable ADA Access & Routes Be Provided, Maintained, And Adjusted, To Meet The Needs Of Pedestrians And Bikes In The Event Bike Lanes Are Impacted.
- Ref. ACHD Std. Traffic Control Template TC-200 Through TC-204 To Assist & Ensure Reasonable ADA Access Is Maintained Throughout The Construction Process.
- Temporary Ramps, Sidewalks, Or Pathways Are To Be Removed Upon Completion Of The Applicable Construction Phase And Removal Considered Incidental To Project. Return The Surface To Its Original Condition And All Cost Associated Will Be Considered Incidental.
- Utilize Pedestrian Route Signage From Stage 1 & Stage 2 In Stage 3.
- Relocation Of Signs Is Covered Under Traffic Control Maintenance, Item 1103.4.1.J.1.
- Any Items Not Specifically Identified Herein That Required Additional Pedestrian Temporary Traffic Control Will Be Paid By Item SP 11551 - Pedestrian Temporary Traffic Control Plan.

## LEGEND

STAGES	
	Stage 4 Construct The Roadway South Of The Overpass And Tie Into The New Roadway Connection North Of The Linder/Overland Intersection.
	Existing Sidewalk
	Temporary Asphalt Pavement
	Temporary Pedestrian Crossing

## PROBABLE SEQUENCING FOR CONSTRUCTION STAGING

### Stage 1

**Relocate Utilities**  
All Utilities Currently Obstructing New Design Will Be Relocated, As Shown On The Utility Plans.

**Install Culvert/Bridge**  
Install The Culverts Located At The Ten Mile Creek And The Kennedy Lateral.

**Construct Temporary Pavement**  
Construct Temporary Pavement, SP-08105 On The West Side Of Linder Rd, See Stage 1 For Details. Keep Traffic On The Existing Pavement.

### Stage 2

**Move Traffic**  
Once Temporary Pavement Is Constructed On The West Side, Install Temporary Pavement Markings, And Move Traffic Onto Temporary Pavement.

**Construct East Side**  
With Traffic Moved Onto Temporary Pavement, The East Side May Be Removed And Constructed.

**Overpass Construction**  
Overpass Construction Will Continue Until Complete.

### Stage 3

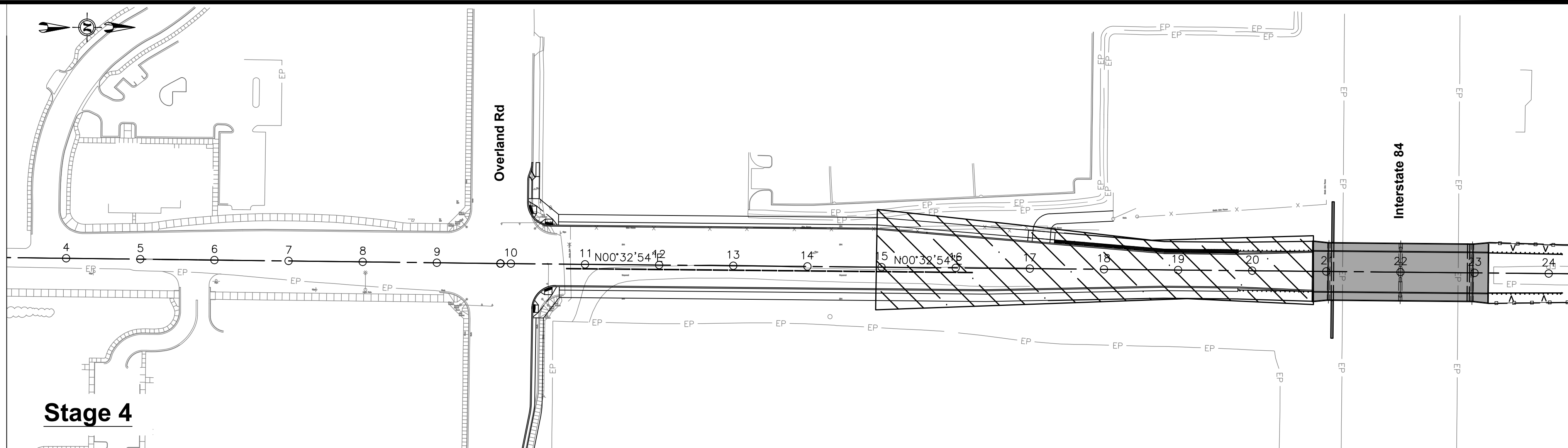
**Move Traffic**  
After The East Side Has Been Constructed, Traffic Will Be Moved Onto New Pavement (East Side).

**Construct West Side**  
The Temporary Pavement Will Be Removed On The West Side, And Construction Will Start For The West Side.

**Overpass Construction**  
The Overpass Construction Will Be Completed On This Stage Of Construction.

### Stage 4

**Construct Linder South Of Overpass**  
Construct The Roadway From The Connection Point Of The Previous Work At The Linder/Overland Intersection Up To The Approach Of The Overpass.



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\CAD\3\_DESIGN\PLANS BID 2\CONSTRUCTION STAGING OVERVIEW.DWG LAST SAVED: 6/26/2024 1:24 PM PRINTED: 6/27/2024 11:20 AM

Revisions:

• S I G N A T U R E S •

Design By: J. Thornton

Date: 1/2024

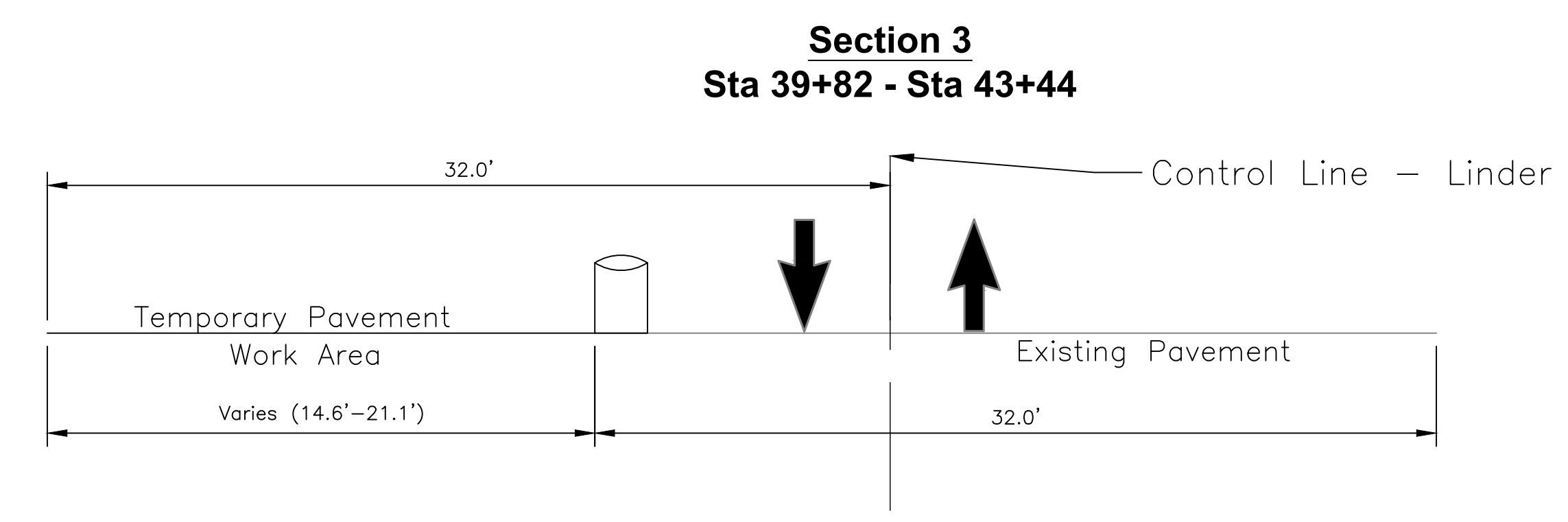
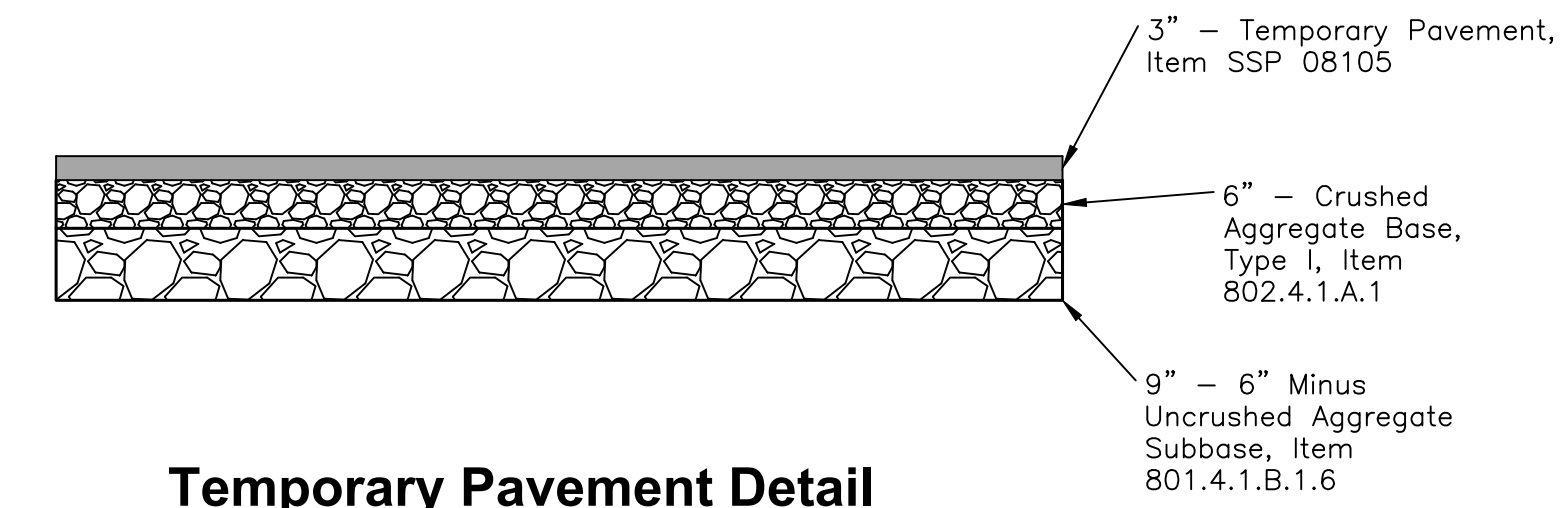
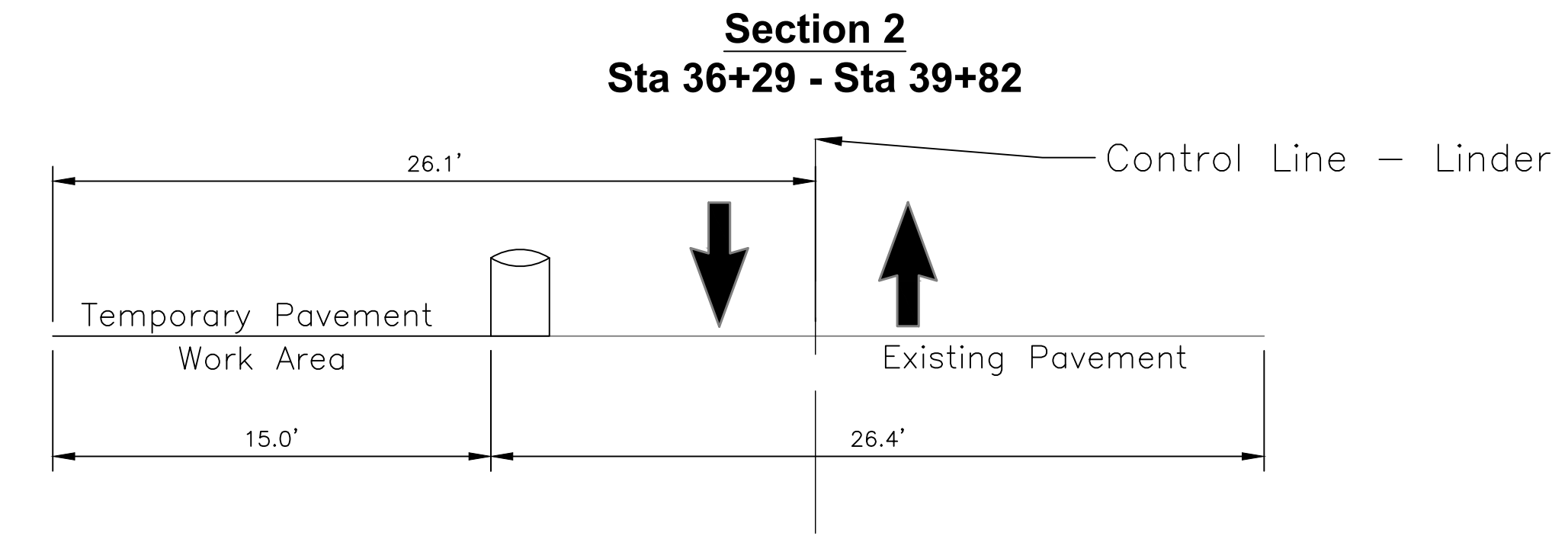
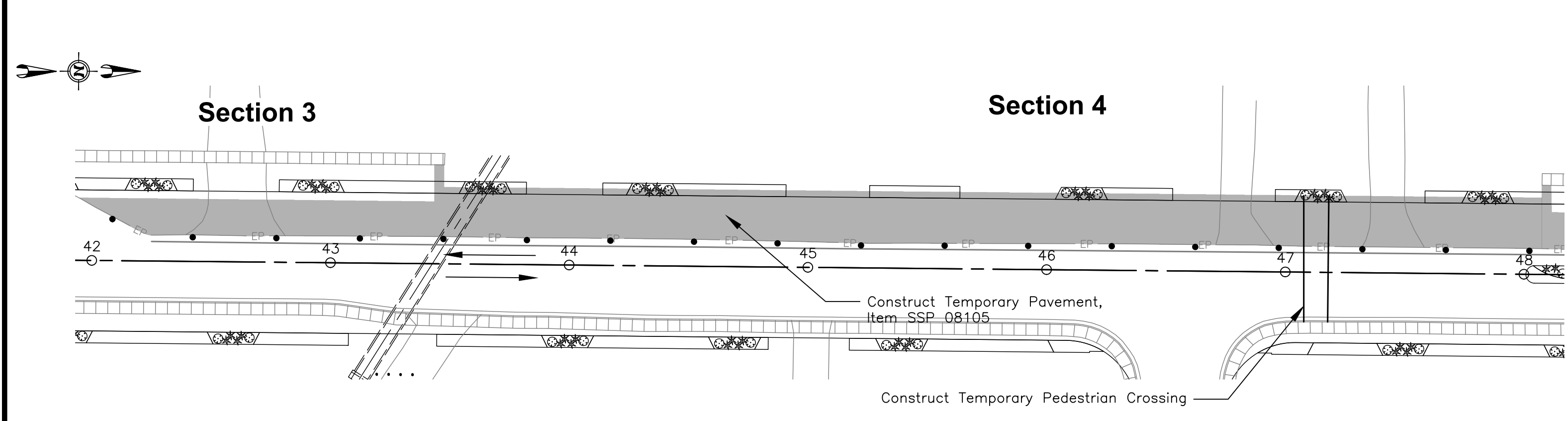
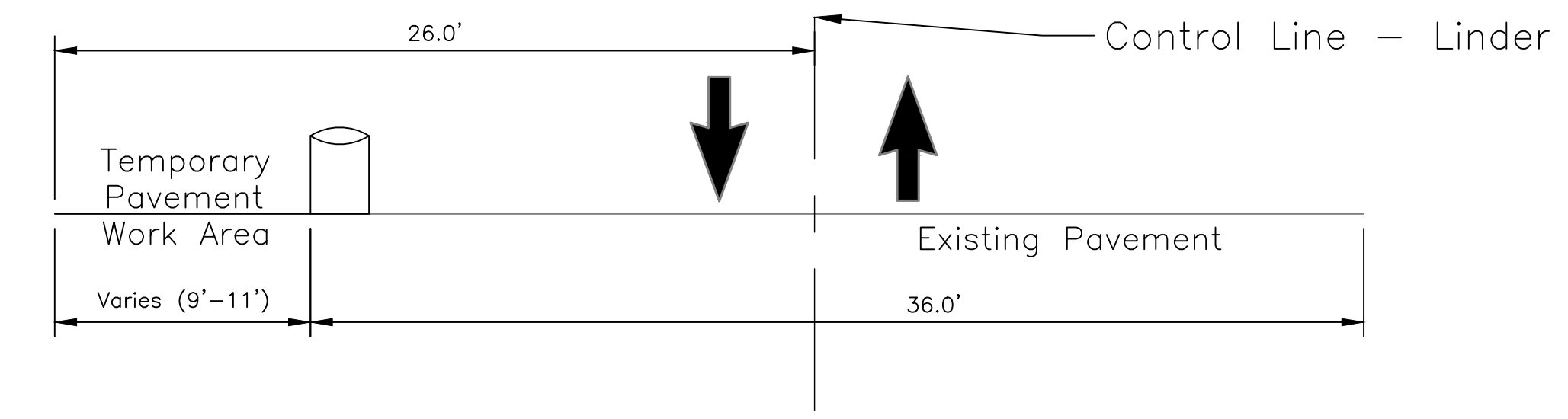
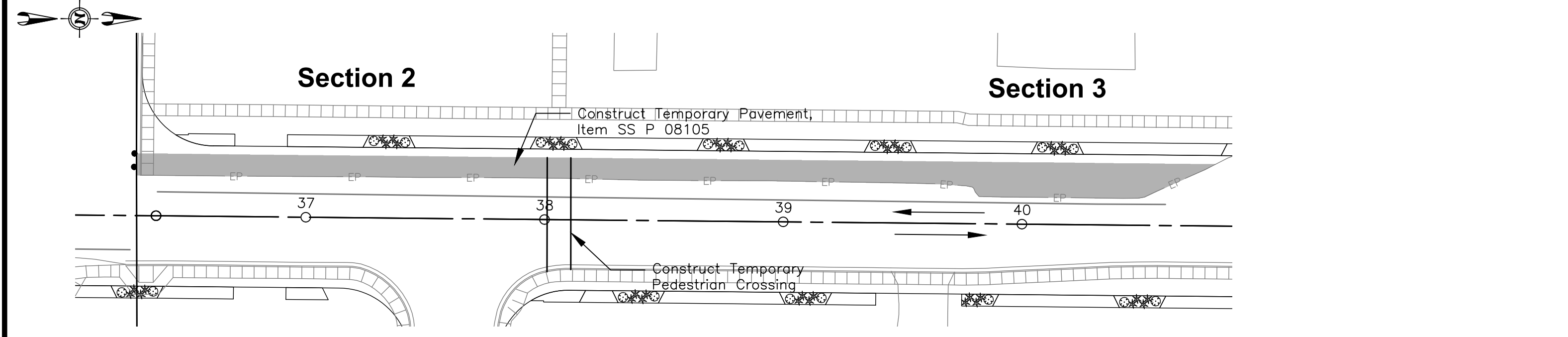
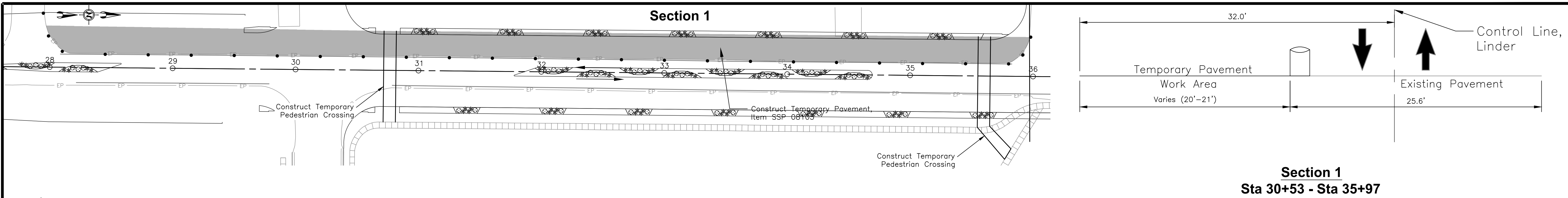
Drawn By: A. Corley

Date: 1/2024

• D E T A I L T I T L E •  
**CONSTRUCTION STAGING OVERVIEW  
NO. 2**



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\CONSTRUCTION STAGE 1-3.DWG LAST SAVED: 6/27/2024 8:58 AM PRINTED: 6/27/2024 11:21 AM



**LEGEND**

STAGES	
	<b>Stage 1</b> Utilities, Culvert, Temporary Pavement, Begin Overpass Construction, Verbena Construction, Temporary Pedestrian Crossings
	<b>Stage 2</b> Move Traffic To Temporary Pavement (West Side), Construct East Side, Continue Overpass Construction
	<b>Stage 3</b> Move Traffic To East Side, Construct West Side, Complete Overpass Construction

	Existing Sidewalk
	Temporary Asphalt Pavement
	Temporary Pedestrian Crossing See Note 1
	Drums
	Tubular Markers
	Type III Barricade for Roadway
	Type II Barricade For Pedestrian Detour
	Direction Of Travel

**CONSTRUCTION NOTES**

- All Temporary Crossings In The Construction Zone Must Be Moved At Some Point To Allow Construction To Continue.
- Contractor Must Obliterate All Conflicting Pavement Markings, SSP 11400.
- Drum Spacing Will Be 35 Feet.

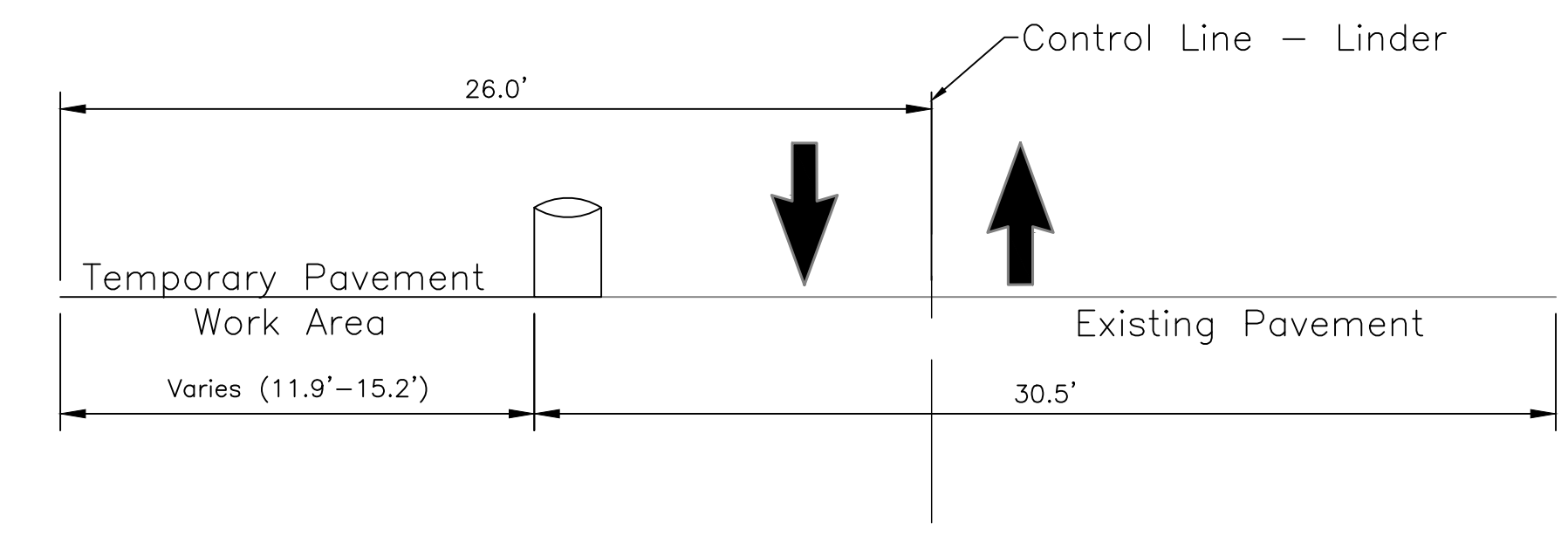
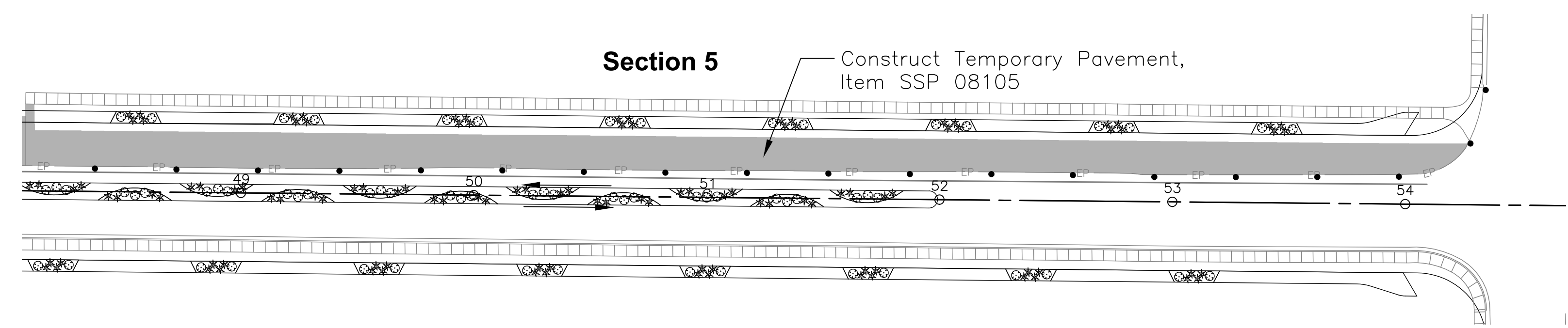
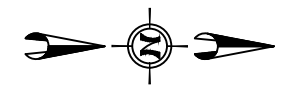
SIGNATURES			
Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley Date: 1/2024

• D E T A I L T I T L E •

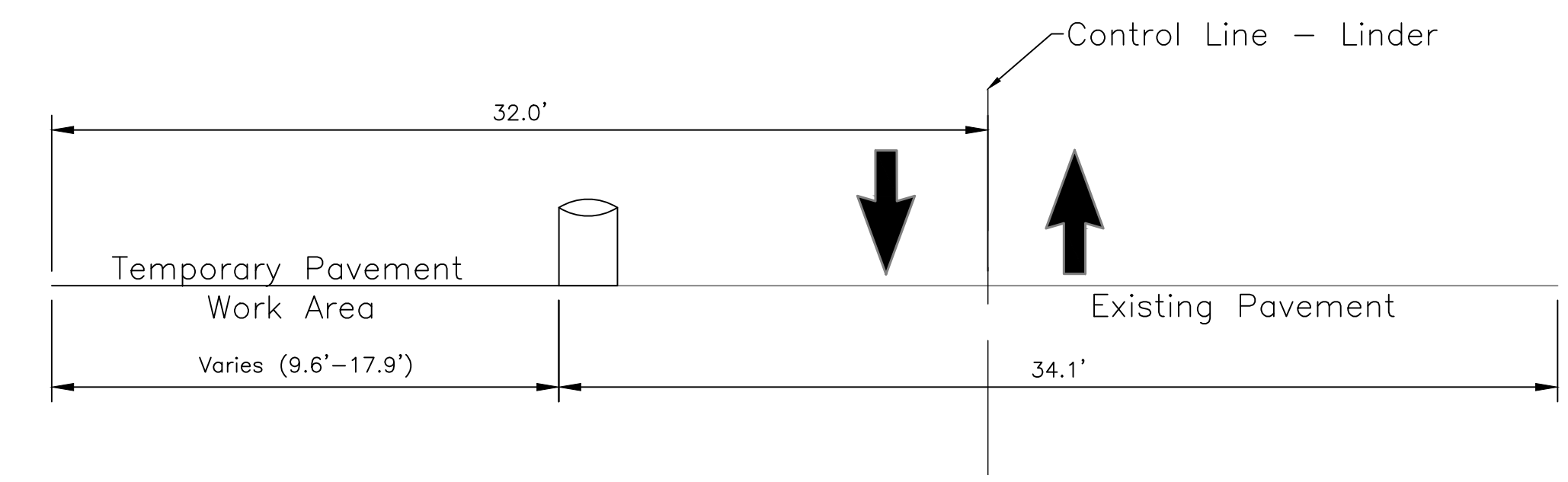
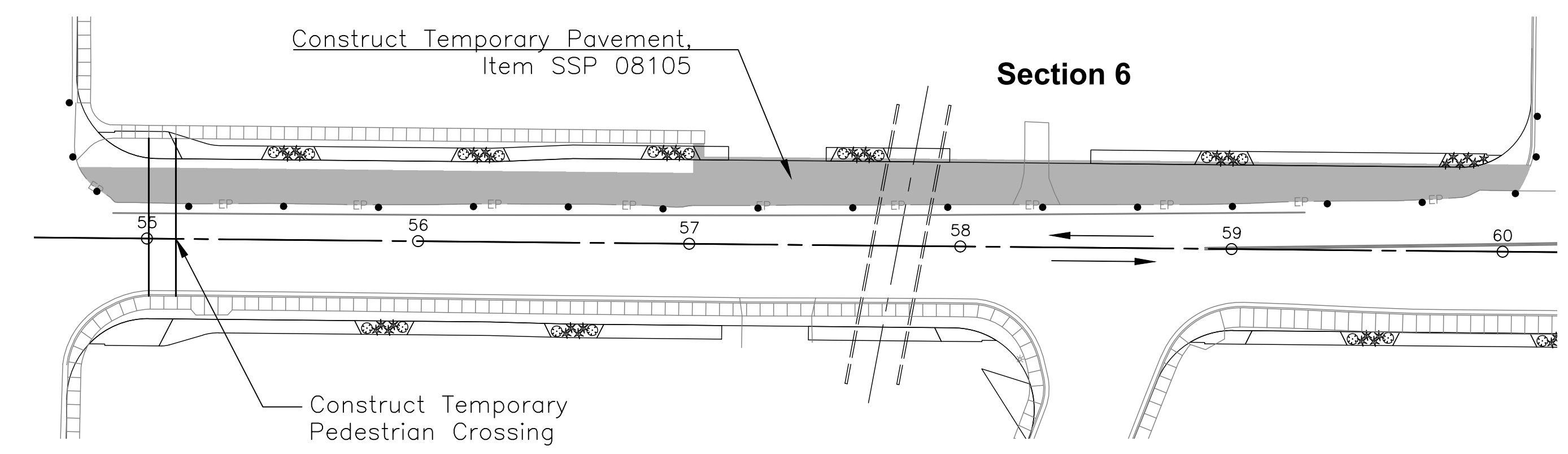
**STAGE 1 CONSTRUCTION NO. 1**



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\CONSTRUCTION STAGE 1-3.DWG LAST SAVED: 6/27/2024 8:56 AM PRINTED: 6/27/2024 11:21 AM



**Section 5**  
Sta 48+11 - Sta 57+01



**Section 6**  
Sta 57+01 - Sta 59+91

**LEGEND**

STAGES	
	<b>Stage 1</b> Utilities, Culvert, Temporary Pavement, Begin Overpass Construction, Verbena Construction, Temporary Pedestrian Crossings
	<b>Stage 2</b> Move Traffic To Temporary Pavement (West Side), Construct East Side, Continue Overpass Construction
	<b>Stage 3</b> Move Traffic To East Side, Construct West Side, Complete Overpass Construction

	Existing Sidewalk
	Temporary Asphalt Pavement
	Temporary Pedestrian Crossing See Note 1
	Drums
	Tubular Markers
	Type III Barricade for Roadway
	Type II Barricade For Pedestrian Detour
	Direction Of Travel

**CONSTRUCTION NOTES**

1. All Temporary Crossings In The Construction Zone Must Be Moved At Some Point To Allow Construction To Continue.
2. See Sheet 57 Of 101 For Temporary Paving Detail.
3. Contractor Must Obliterate All Conflicting Pavement Markings, SSP 11400.
4. Drum Spacing Will Be 35 Feet.

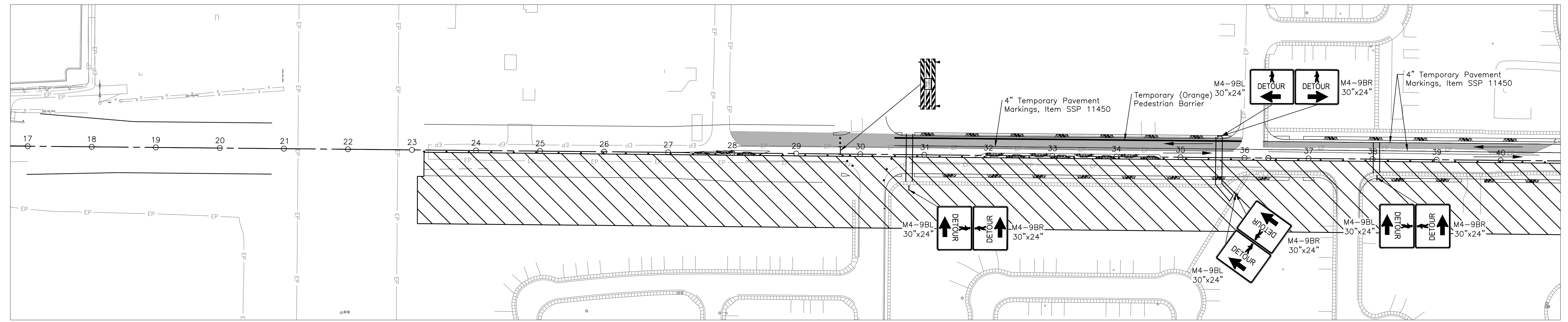
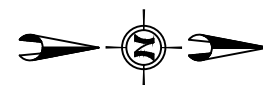
Revisions:	• S I G N A T U R E S •		
	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley
		Date: 1/2024	

• D E T A I L T I T L E •

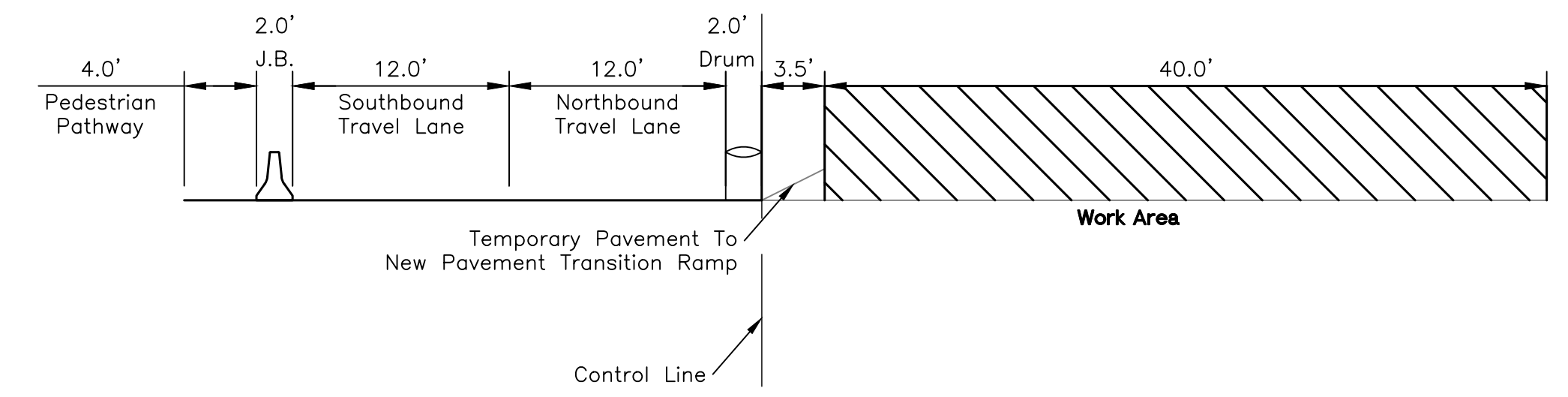
**STAGE 1 CONSTRUCTION NO. 2**



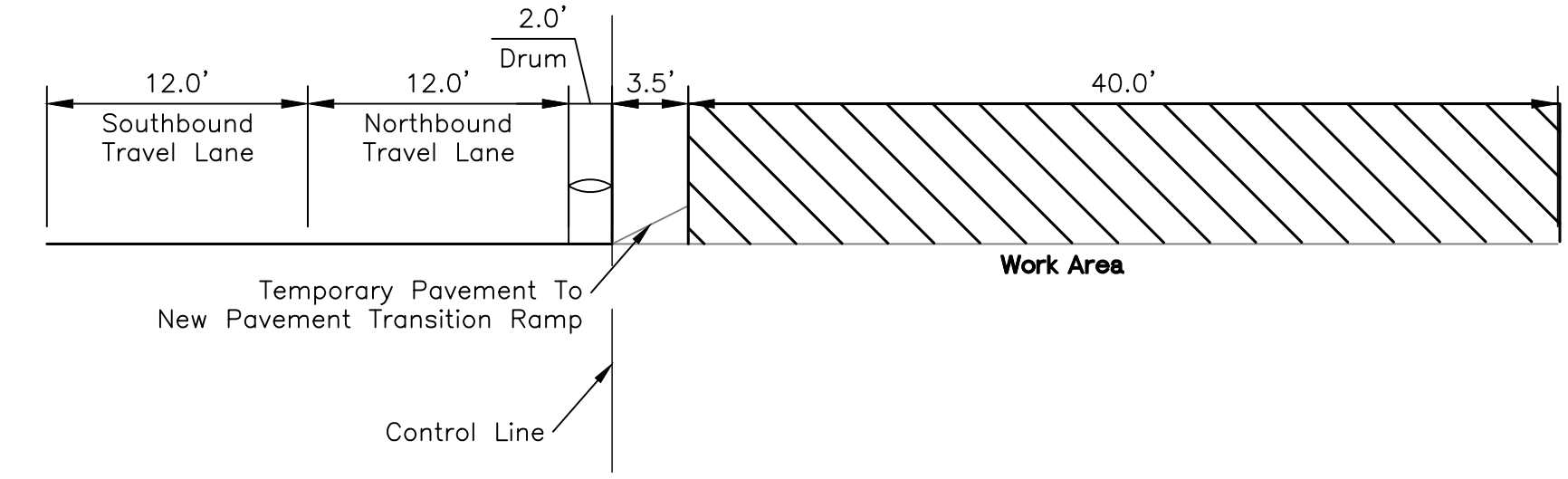
J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\CONSTRUCTION STAGE 1-3.DWG LAST SAVED: 6/27/2024 8:56 AM PRINTED: 6/27/2024 11:21 AM



**PLAN VIEW**



**TYPICAL SECTION WITHOUT EXISTING PEDESTRIAN ACCESS**



**TYPICAL SECTION WITH EXISTING PEDESTRIAN ACCESS**

**LEGEND**

STAGES	
	<b>Stage 1</b> Utilities, Culvert, Temporary Pavement, Begin Overpass Construction, Verbena Construction, Temporary Pedestrian Crossings
	<b>Stage 2</b> Move Traffic To Temporary Pavement (West Side), Construct East Side, Continue Overpass Construction
	<b>Stage 3</b> Move Traffic To East Side, Construct West Side, Complete Overpass Construction

	Existing Sidewalk
	Temporary Asphalt Pavement
	Temporary Pedestrian Crossing See Note 1
	Drums
	Tubular Markers
	Type III Barricade for Roadway
	Type II Barricade For Pedestrian Detour
	Direction Of Travel

**CONSTRUCTION NOTES**

1. All Temporary Crossings In The Construction Zone Must Be Moved At Some Point To Allow Construction To Continue.
2. See Sheet 57 Of 101 For Temporary Pavement Detail.
3. Contractor Must Obliterate All Conflicting Pavement Markings, SSP 11400.
4. Drum Spacing Will Be 35 Feet.

Revisions:	SIGNATURES

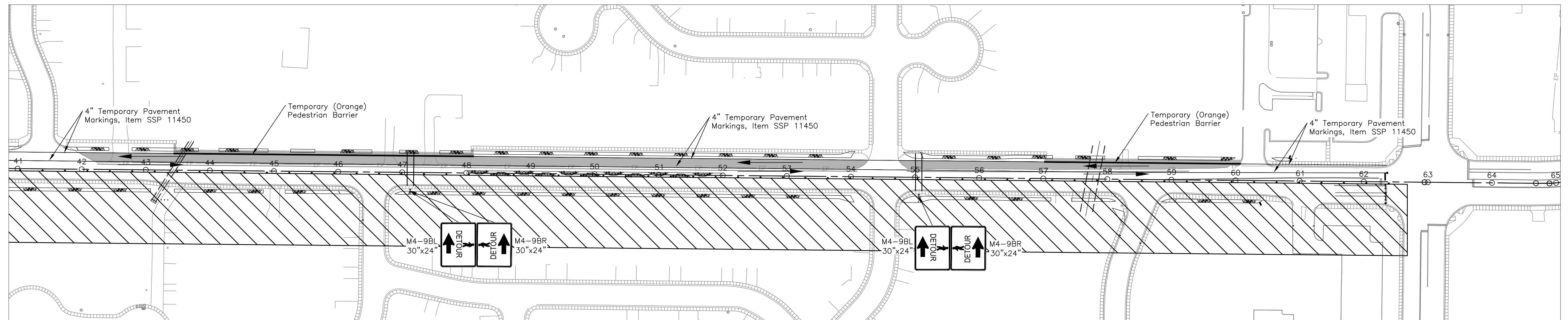
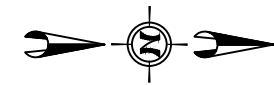
Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 1/2024
------------------------	--------------	---------------------	--------------

• D E T A I L T I T L E •

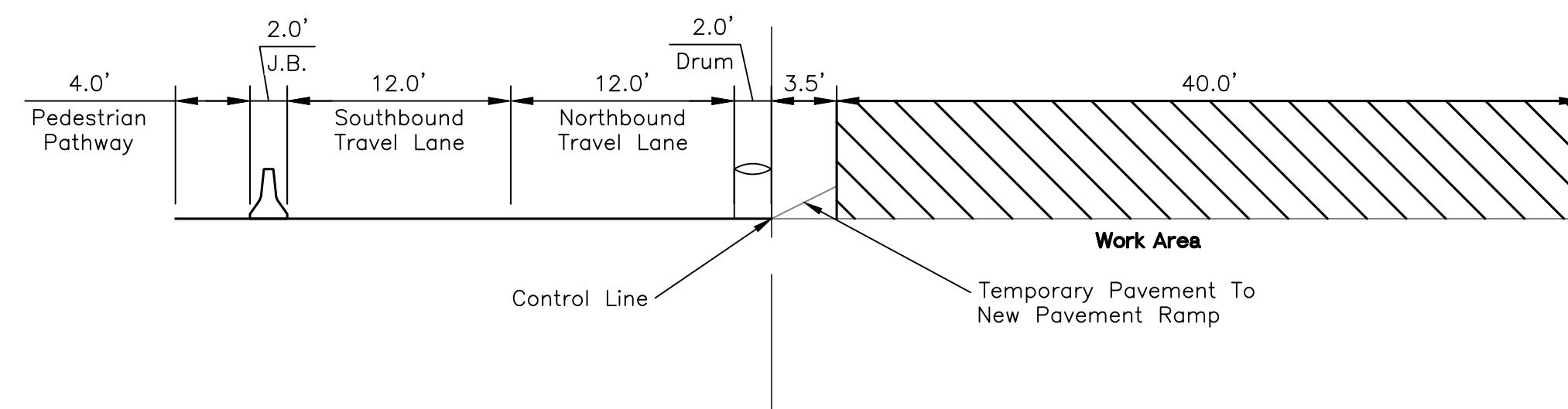
**STAGE 2 CONSTRUCTION NO. 1**



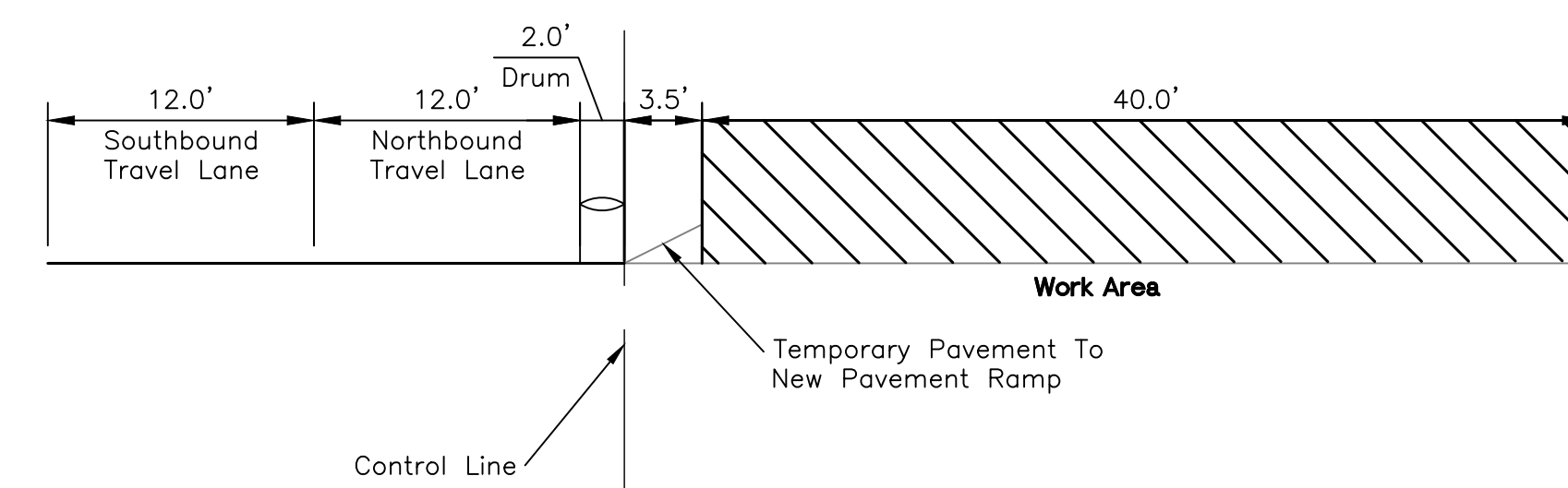
J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\CONSTRUCTION STAGE 1-3.DWG LAST SAVED: 6/27/2024 8:58 AM PRINTED: 6/27/2024 11:21 AM



**PLAN VIEW**



**TYPICAL SECTION  
WITHOUT EXISTING PEDESTRIAN ACCESS**



**TYPICAL SECTION  
WITH EXISTING PEDESTRIAN ACCESS**

**LEGEND**

STAGES	
	<b>Stage 1</b> Utilities, Culvert, Temporary Pavement, Begin Overpass Construction, Verbena Construction, Temporary Pedestrian Crossings
	<b>Stage 2</b> Move Traffic To Temporary Pavement (West Side), Construct East Side, Continue Overpass Construction
	<b>Stage 3</b> Move Traffic To East Side, Construct West Side, Complete Overpass Construction

	Existing Sidewalk
	Temporary Asphalt Pavement
	Temporary Pedestrian Crossing See Note 1
	Drums
	Tubular Markers
	Type III Barricade for Roadway
	Type II Barricade For Pedestrian Detour
	Direction Of Travel

**CONSTRUCTION NOTES**

1. All Temporary Crossings In The Construction Zone Must Be Moved At Some Point To Allow Construction To Continue.
2. See Sheet 57 Of 101 For Temporary Pavement Detail.
3. Contractor Must Obliterate All Conflicting Pavement Markings, SSP 11400.
4. Drum Spacing Will Be 35 Feet.

Revisions:

• S I G N A T U R E S •

Design By: J. Thornton

Date: 1/2024

Drawn By: A. Corley

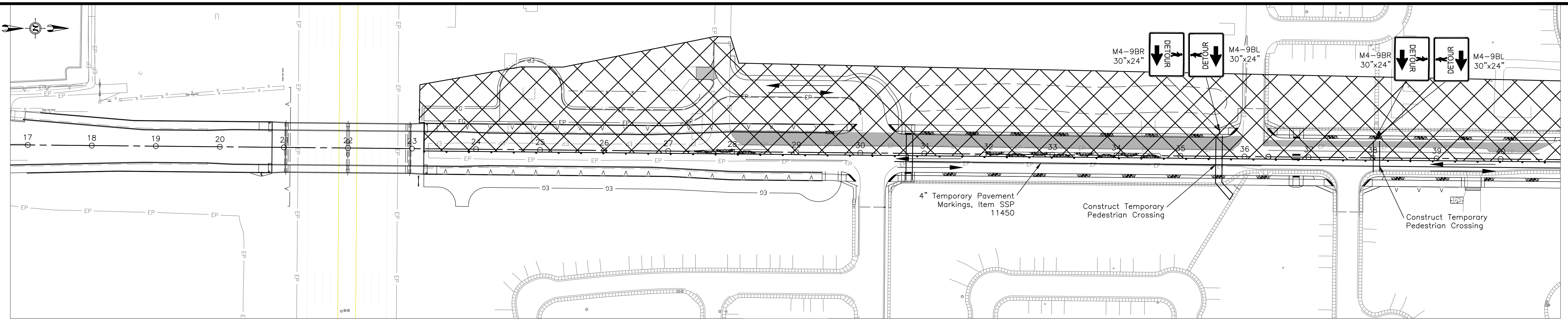
Date: 1/2024

• D E T A I L T I T L E •

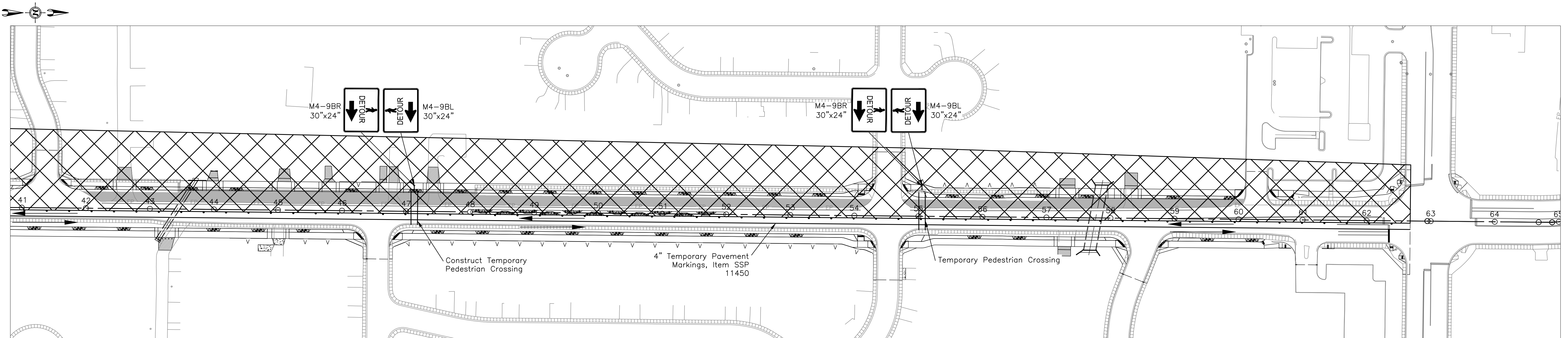
**STAGE 2 CONSTRUCTION NO. 2**



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\CAD\3\_DESIGN\PLANS BID 2\CONSTRUCTION STAGE 1-3.DWG LAST SAVED: 6/27/2024 8:58 AM PRINTED: 6/27/2024 11:22 AM



**PLAN VIEW**



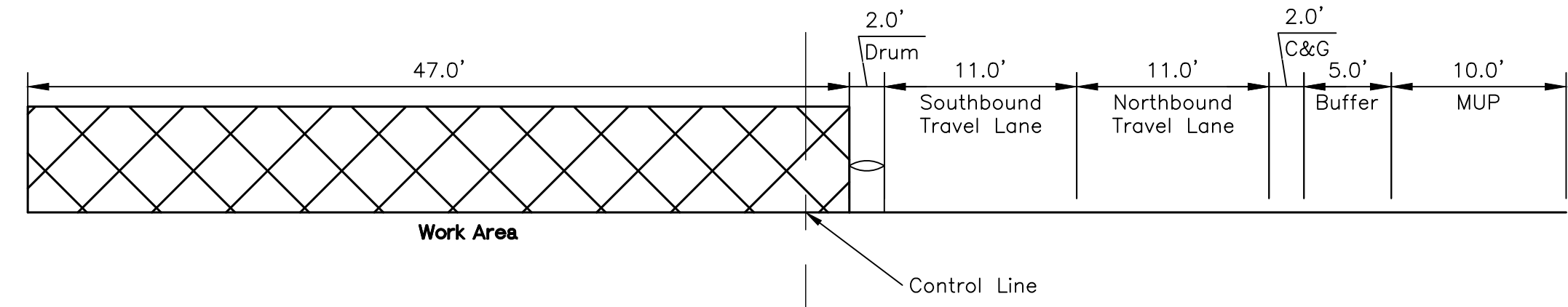
**PLAN VIEW**

**LEGEND**

<b>STAGES</b>			
	Stage 1 Utilities, Culvert, Temporary Pavement, Begin Overpass Construction, Verbena Construction, Temporary Pedestrian Crossings		Existing Sidewalk
	Stage 2 Move Traffic To Temporary Pavement (West Side), Construct East Side, Continue Overpass Construction		Temporary Asphalt Pavement
	Stage 3 Move Traffic To East Side, Construct West Side, Complete Overpass Construction		Temporary Pedestrian Crossing See Note 1
			Drums
			Tubular Markers
			Type III Barricade for Roadway
			Type II Barricade For Pedestrian Detour
			Direction Of Travel

**CONSTRUCTION NOTES**

1. All Temporary Crossings In The Construction Zone Must Be Moved At Some Point To Allow Construction To Continue.
2. See Sheet 57 Of 101 For Temporary Pavement Detail.
3. Contractor Must Obliterate All Conflicting Pavement Markings, SSP 11400.
4. Drum Spacing Will Be 35 Feet.



**TYPICAL SECTION**

Revisions:	<b>SIGNATURES</b>		
	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley
		Date: 1/2024	

• D E T A I L T I T L E •

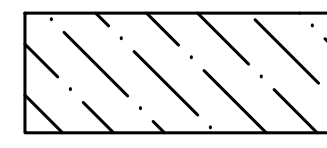





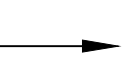
**STAGE 3 CONSTRUCTION**

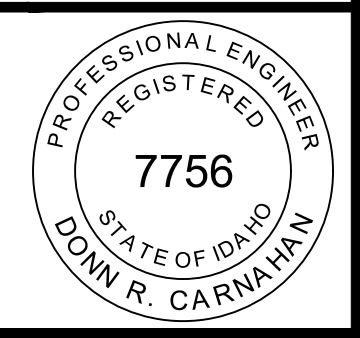
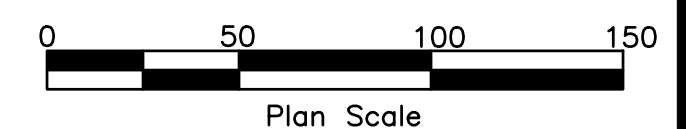
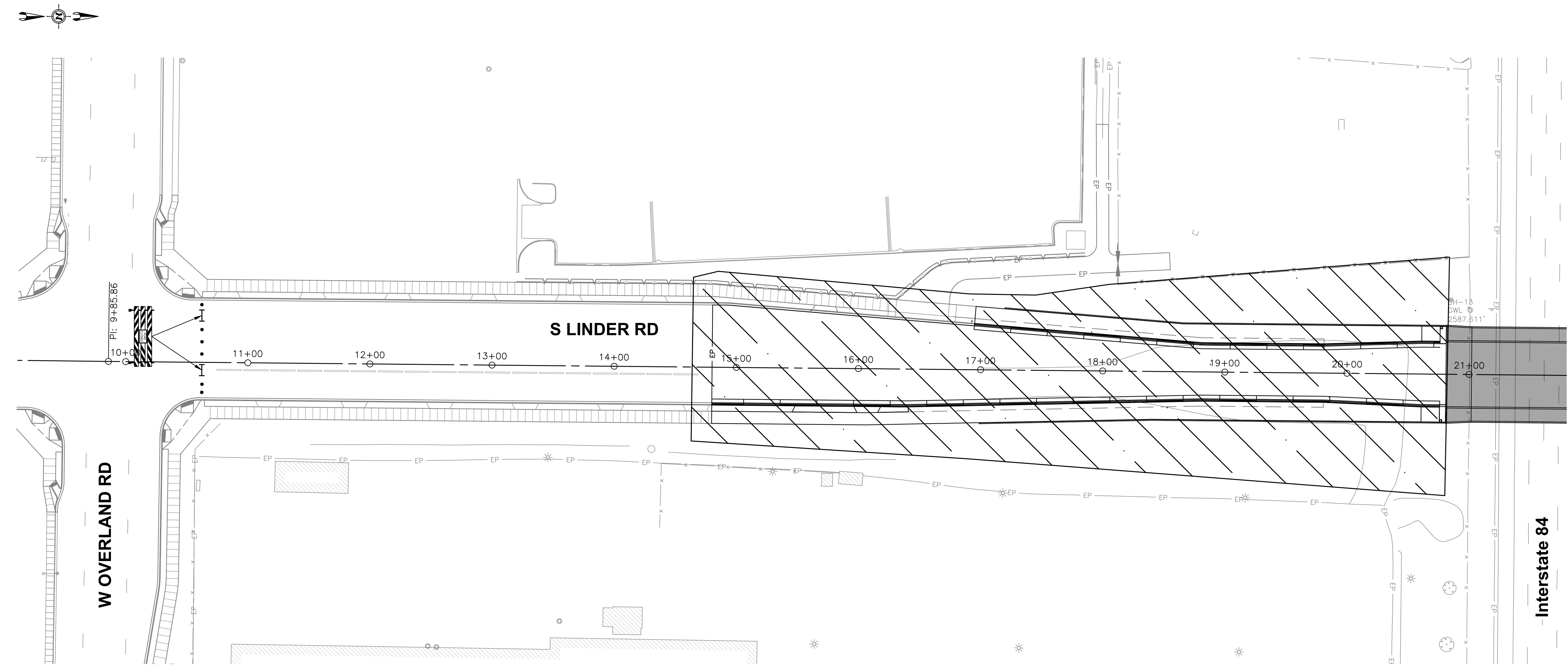


# CONSTRUCTION NOTES

1. Contractor Must Obliterate All Conflicting Pavement Markings, SSP 11400.
2. Drum And Tubular Marking Spacing To Be 40 Feet.
3. All Traffic Lanes Temporarily Closed Due To Construction, Must Cover The Corresponding Traffic Signal Head.

# LEGEND

STAGES	
	Stage 4 Construct The Roadway South Of The Overpass To The New Roadway Tie In Point North Of The Linder/Overland Intersection.
	Existing Sidewalk
	Temporary Asphalt Pavement
	Drums
	Tubular Marker
	Type III Barricade for Roadway Type II Barricade For Pedestrian Detour
	Direction Of Travel



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\CONSTRUCTION STAGE 4.DWG LAST SAVED: 6/27/2024 9:00 AM PRINTED: 6/27/2024 11:22 AM

Revisions:	• S I G N A T U R E S •		
	Design By: J. Thornton	Date: 4/2024	Drawn By: A. Corley

• D E T A I L T I T L E •

**STAGE 4 CONSTRUCTION**

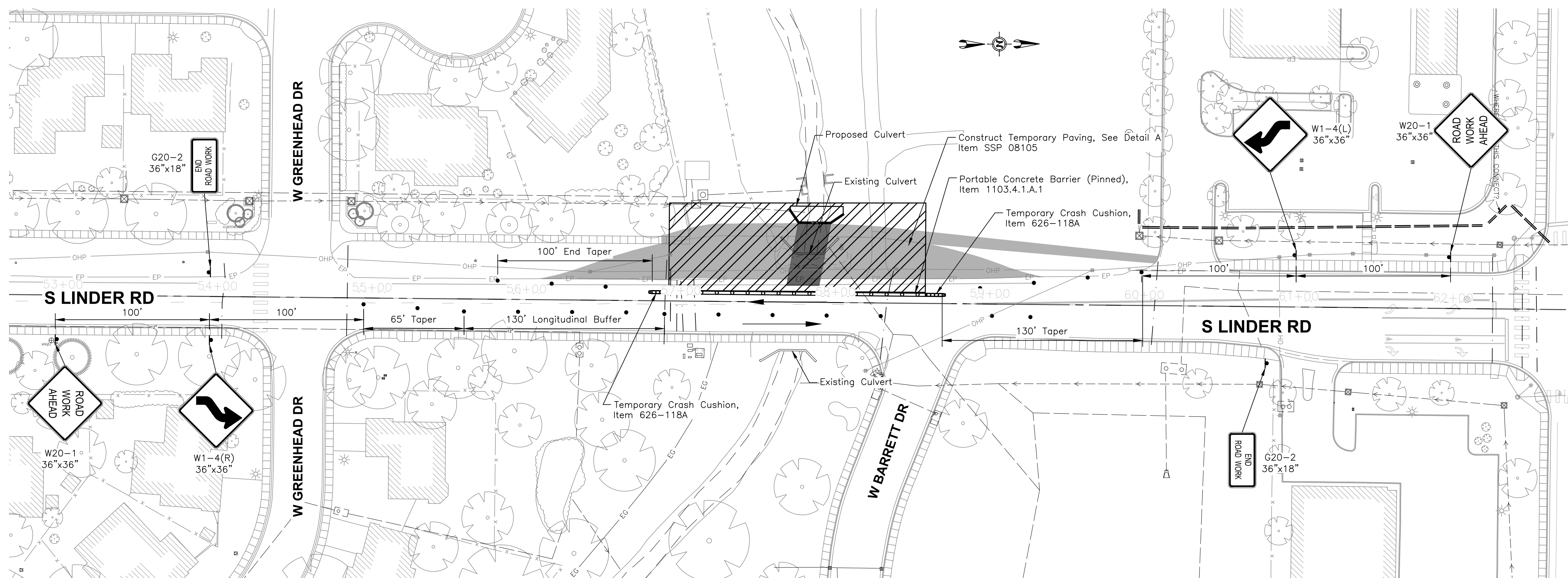


# CONSTRUCTION NOTES

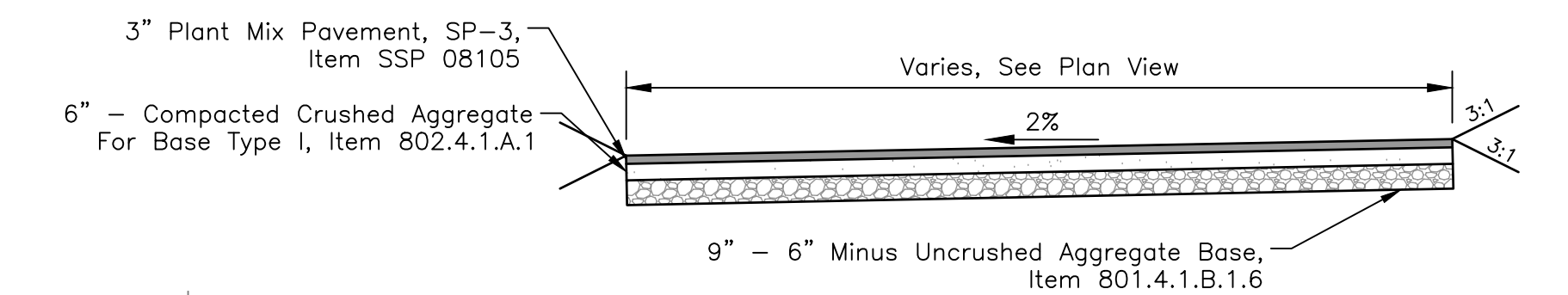
1. All Temporary Crossings In The Construction Zone Must Be Moved At Some Point To Allow Construction To Continue.
2. Contractor Must Obliterate All Conflicting Pavement Markings, SSP 11400.
3. Minimum Drum Spacing Is 35 Feet.
4. Dewatering May Be Needed Depending On Contractor's Approach, Item 205.4.1.B.1.
5. Shoring To Be Completed Between Phasing As Shown On Sheet 66 Of 101, Item SP 70017.

# LEGEND

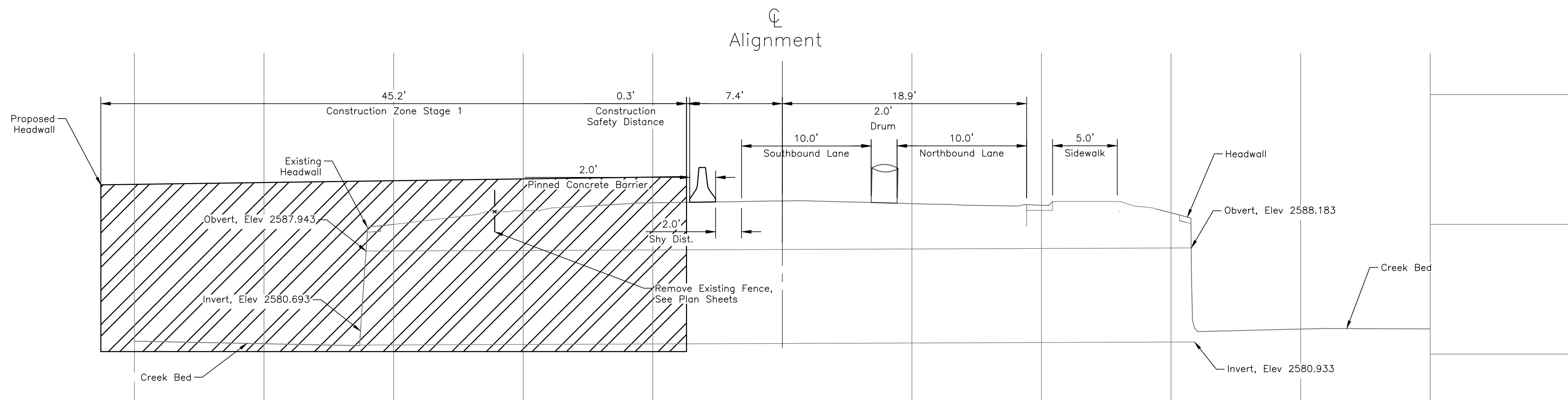
STAGES	
	Stage 1 Shift Traffic To Right Side Of Roadway, Construct West Side Of Ten-Mile Structure
	Stage 2 Shift Traffic Onto New Roadway Structure On West Side Of Ten-Mile, Construct The East Side Of The Ten-Mile Culvert
	Existing Sidewalk
	Temporary Asphalt Pavement
	Drums
	Type III Barricade For Roadway
	Type II Barricade For Pedestrian Detour
	Direction Of Travel



TEN-MILE CULVERT PLAN VIEW



**A** TEMPORARY PAVING DETAIL  
1:5



TEN-MILE CULVERT CROSS SECTION

Revisions:

• SIGNATURES •

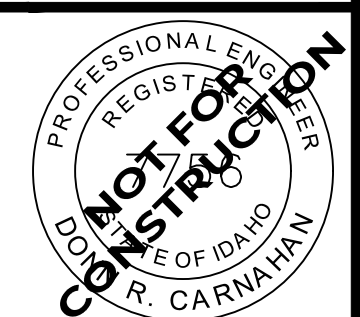
Design By: J. Thornton

Date: 1/2024

Drawn By: A. Corley

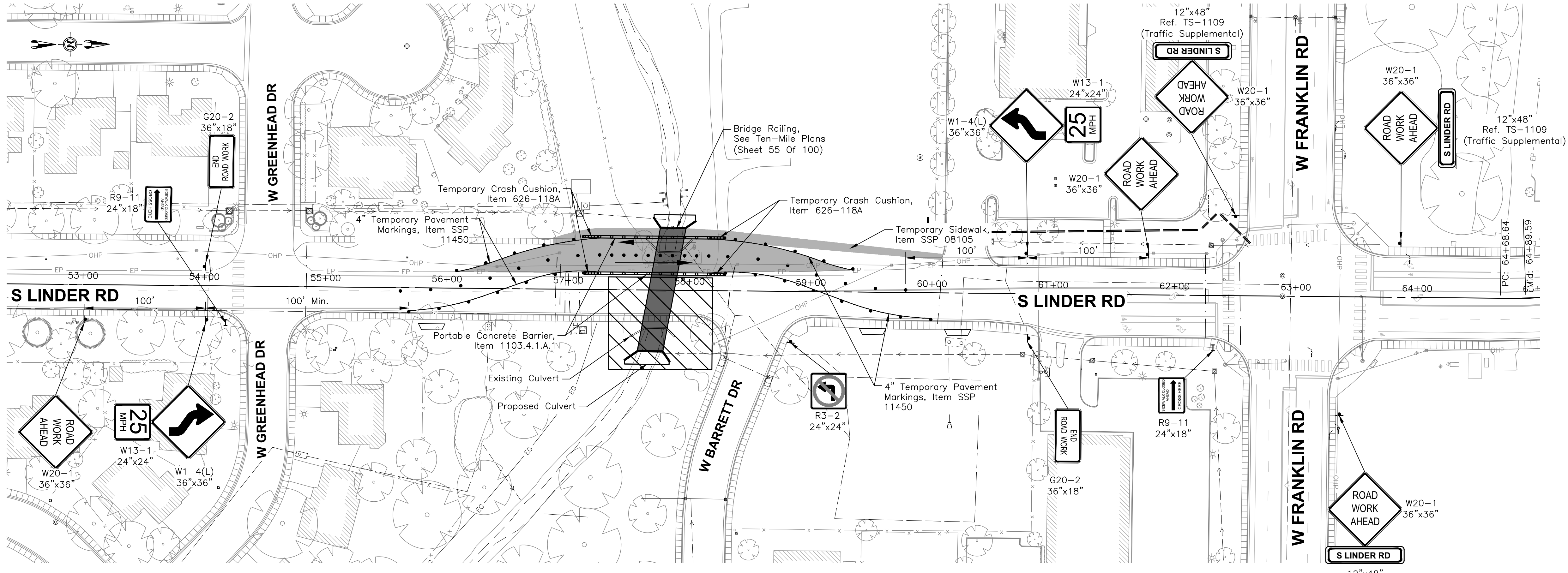
Date: 1/2024

• D E T A I L T I T L E •  
**CONSTRUCTION STAGING -TEN-MILE CULVERT P1**



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\_CAD\3\_DESIGN\_PLANS BID 2\CONSTRUCTION STAGING - TEN-MILE CULVERT.DWG LAST SAVED: 6/27/2024 9:01 AM PRINTED: 6/27/2024 11:22 AM

LAST SAVED: 6/27/2024 9:01 AM PRINTED: 6/27/2024 11:23 AM  
J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\CONSTRUCTION STAGING - TEN-MILE CULVERT.DWG

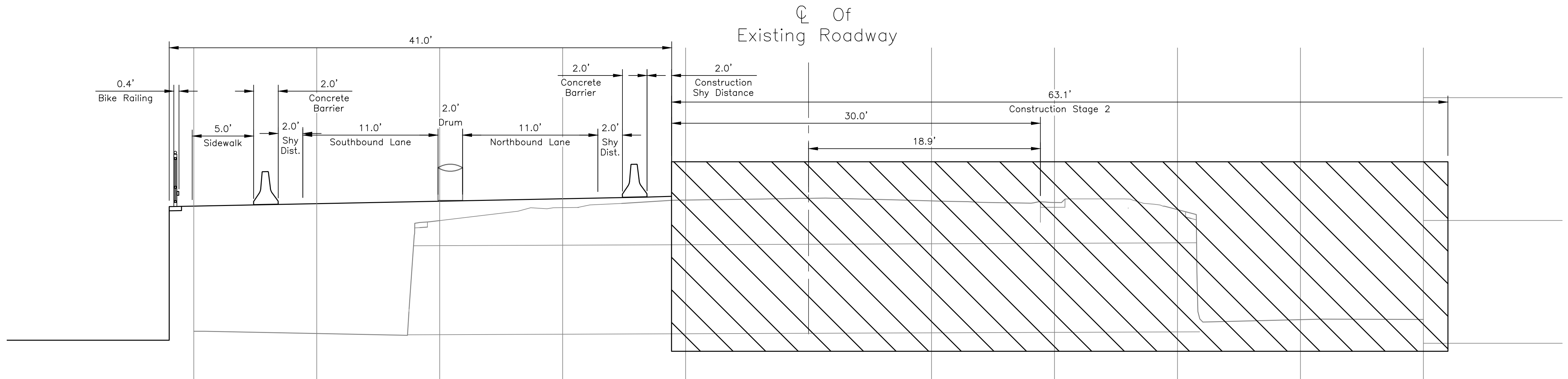
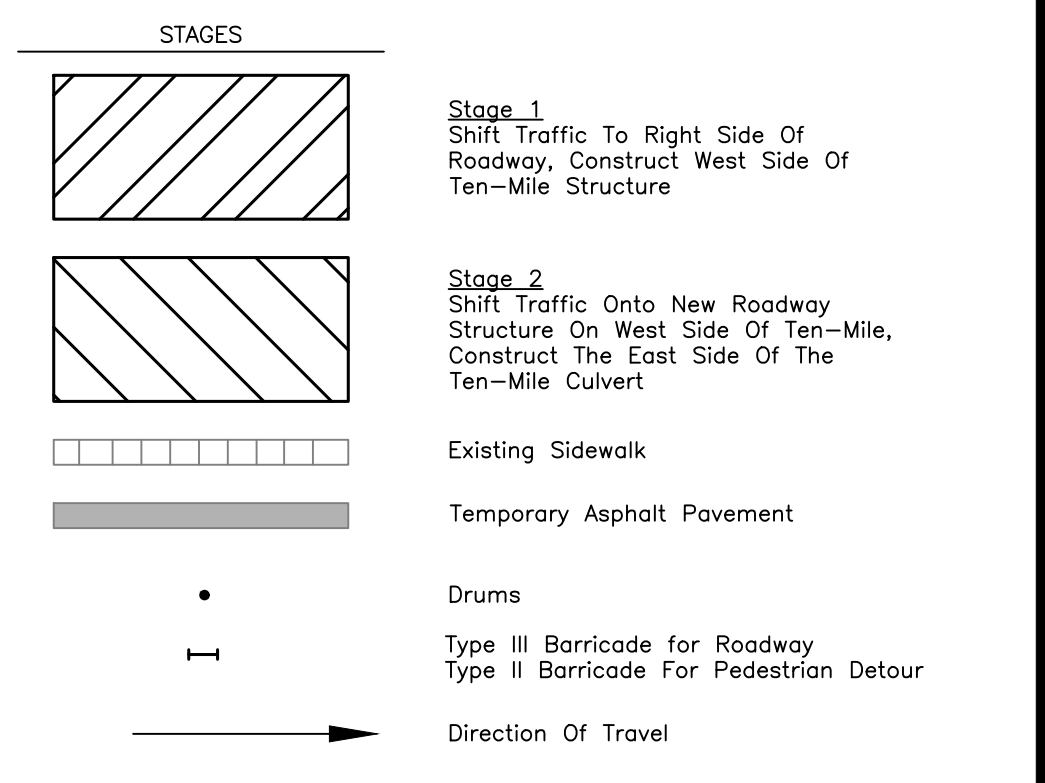


**TEN-MILE CULVERT PLAN VIEW**

**CONSTRUCTION NOTES**

1. All Temporary Crossings In The Construction Zone Must Be Moved At Some Point To Allow Construction To Continue.
2. See Sheet 64 Of 101 For Temporary Pavement Detail.
3. Contractor Must Obliterate All Conflicting Pavement Markings, SSP 11400.
4. Minimum Radius Required For Temporary Roadway Is 198 Feet.
5. Minimum Drum Spacing Is 25 Feet.
4. Dewatering May Be Needed Depending On Contractor's Approach, Item 205.4.1.B.1.
5. Shoring To Be Completed Between Phasing As Shown On Sheet 66 Of 101, Item SP 70017.

**LEGEND**



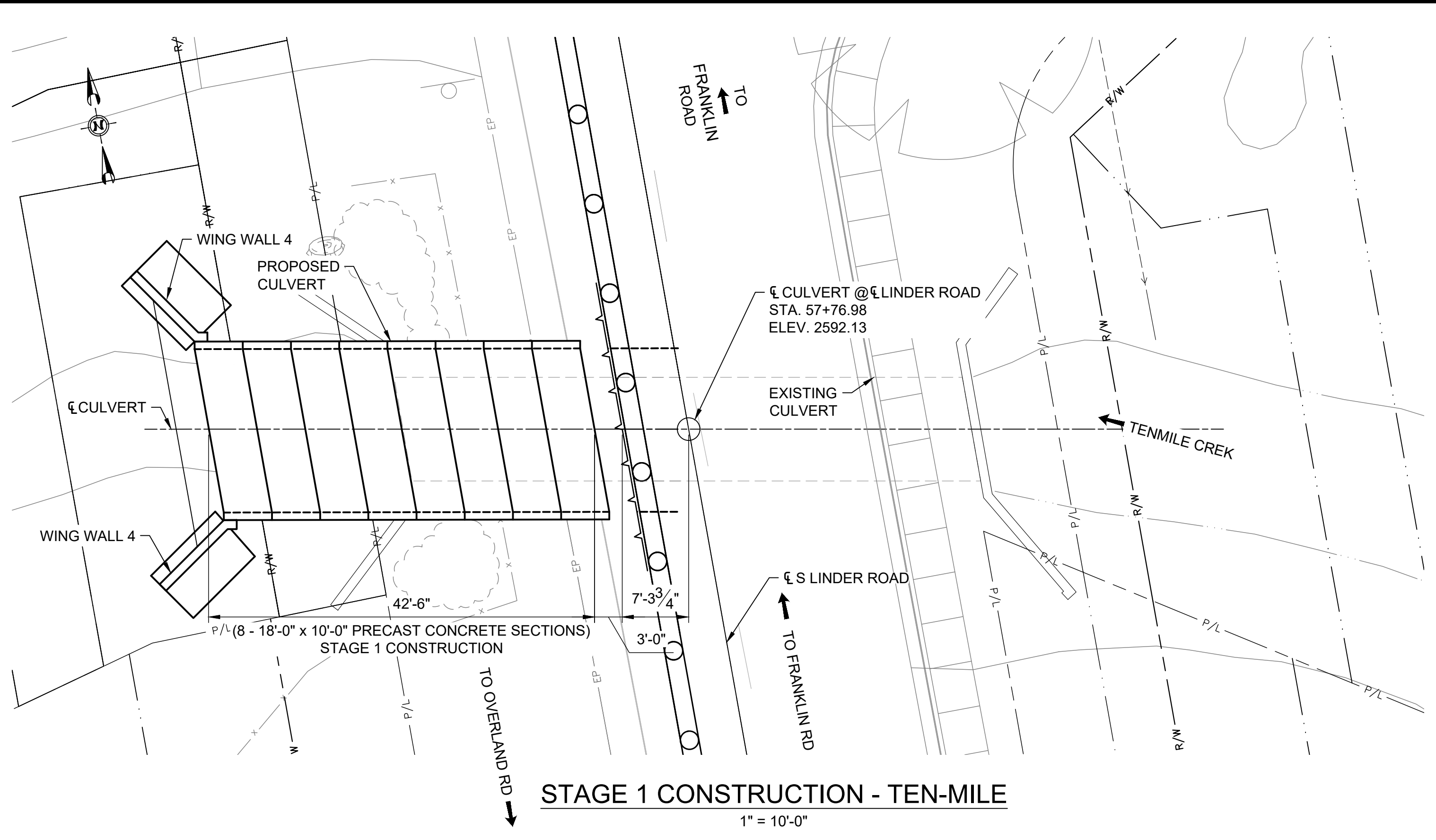
**TEN-MILE CULVERT CROSS SECTION**

Revisions:	• S I G N A T U R E S •		
Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 1/2024

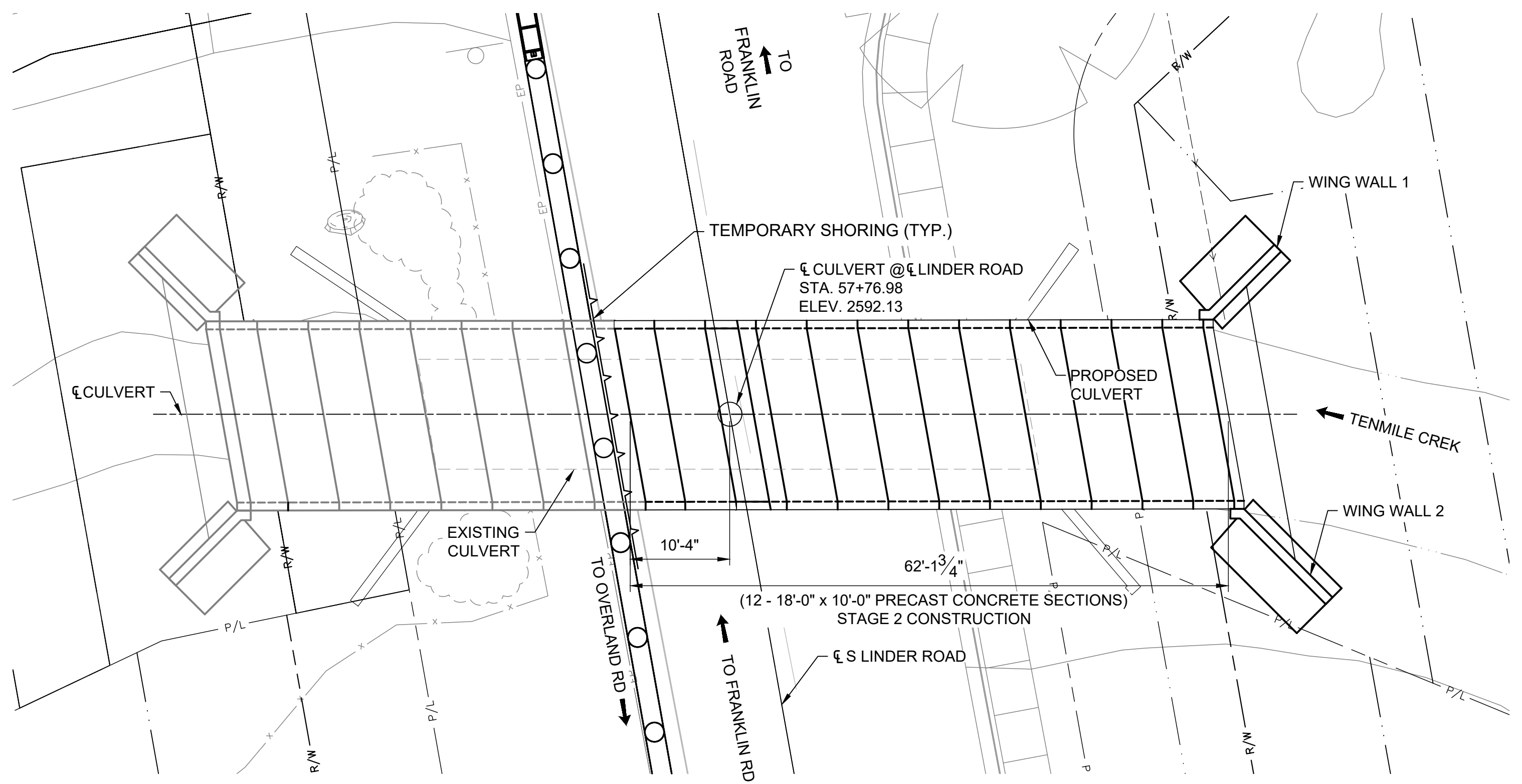
• D E T A I L T I T L E •  
**CONSTRUCTION STAGING - TEN-MILE CULVERT P2**



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C.DESN\CAD\3\_DESIGN\PROJ\_DEV\1200\_TEN\_MILE\_CREEK\PLAN\_SHEETS\BRIDGE\STAGING SHEET.DWG LAST SAVED: 6/26/2024 1:24 PM PRINTED: 6/27/2024 11:23 AM



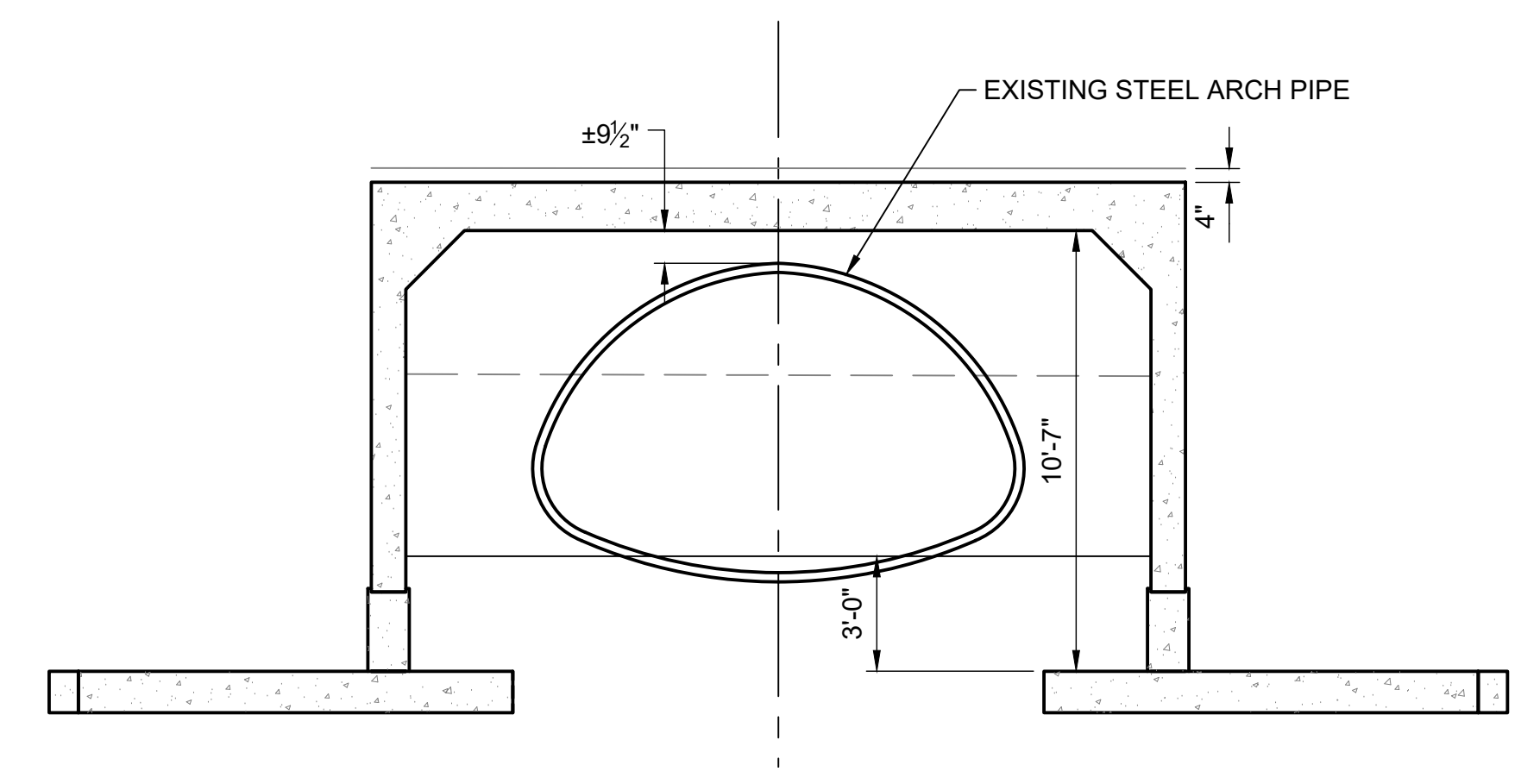
**STAGE 1 CONSTRUCTION - TEN-MILE**  
1" = 10'-0"



**STAGE 2 CONSTRUCTION - TEN-MILE**  
1" = 10'-0"

**NOTES:**

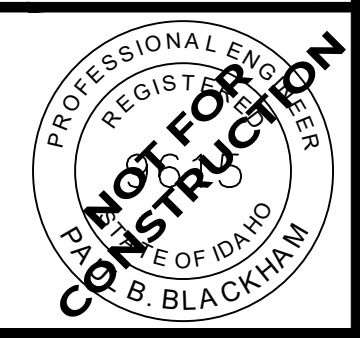
1. PLACE THE NEW CULVERT OVER THE TOP OF THE EXISTING CULVERT TO MAINTAIN THE FLOWS OF TEN-MILE CREEK.
2. PROVIDE ALL SHORING AS REQUIRED FOR CONSTRUCTION. THE LOCATIONS AND LIMITS SHOWN ARE INDICATED TO ALERT THE CONTRACTOR THAT SHORING MAY BE NEEDED. DETERMINE THE ACTUAL LOCATION AND LIMITS OF ALL SHORING REQUIRED. SUBMIT TEMPORARY SHORING PLANS AND DESIGN CALCULATIONS IN ACCORDANCE WITH 585-005A.
3. REMOVE THE EXISTING CULVERT AFTER BOTH STAGE 1 AND STAGE 2 CONSTRUCTION IS COMPLETE.
4. THE CONTRACTOR MUST SUBMIT CONSTRUCTION DRAWINGS ON THE SEQUENCING OF REMOVING THE EXISTING CULVERT TO THE ENGINEER FOR APPROVAL.



**SECTION VIEW**  
1/8" = 1'-0"

Revisions:	• S I G N A T U R E S •		
	Design By: P. Blackham	Date: 1/2024	Drawn By: M. Oksten
			Date: 1/2024

• D E T A I L T I T L E •  
**CONSTRUCTION STAGING - TEN-MILE  
CULVERT S&L**

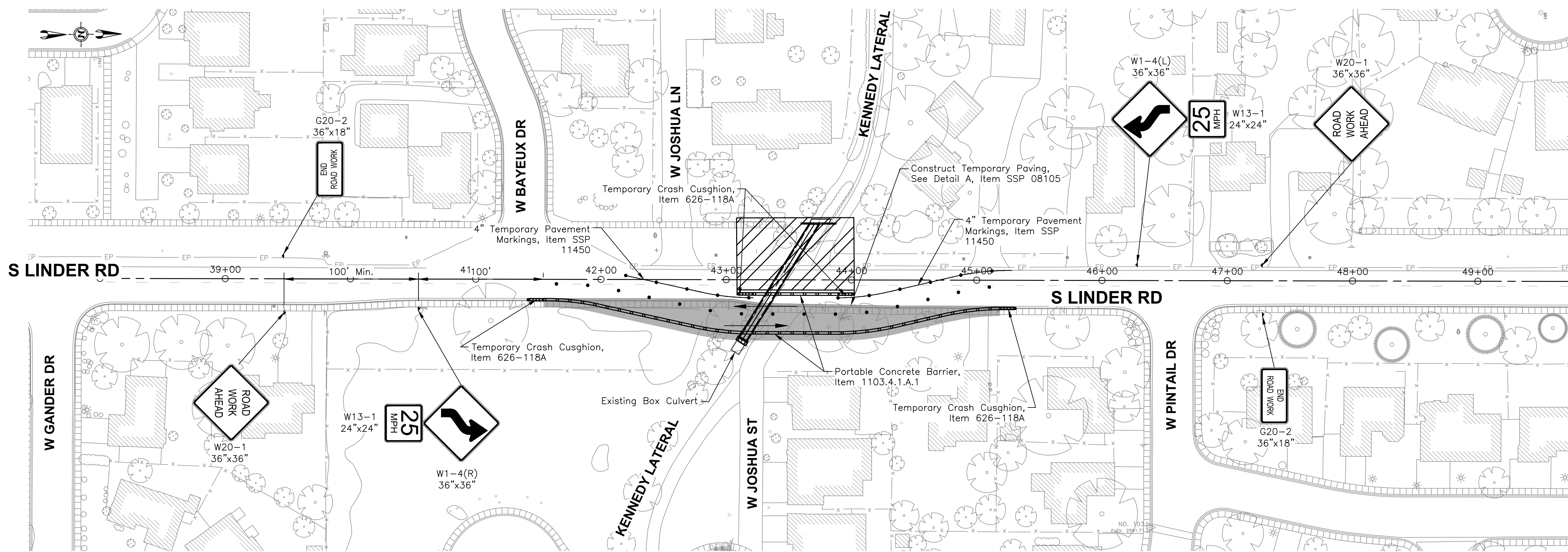
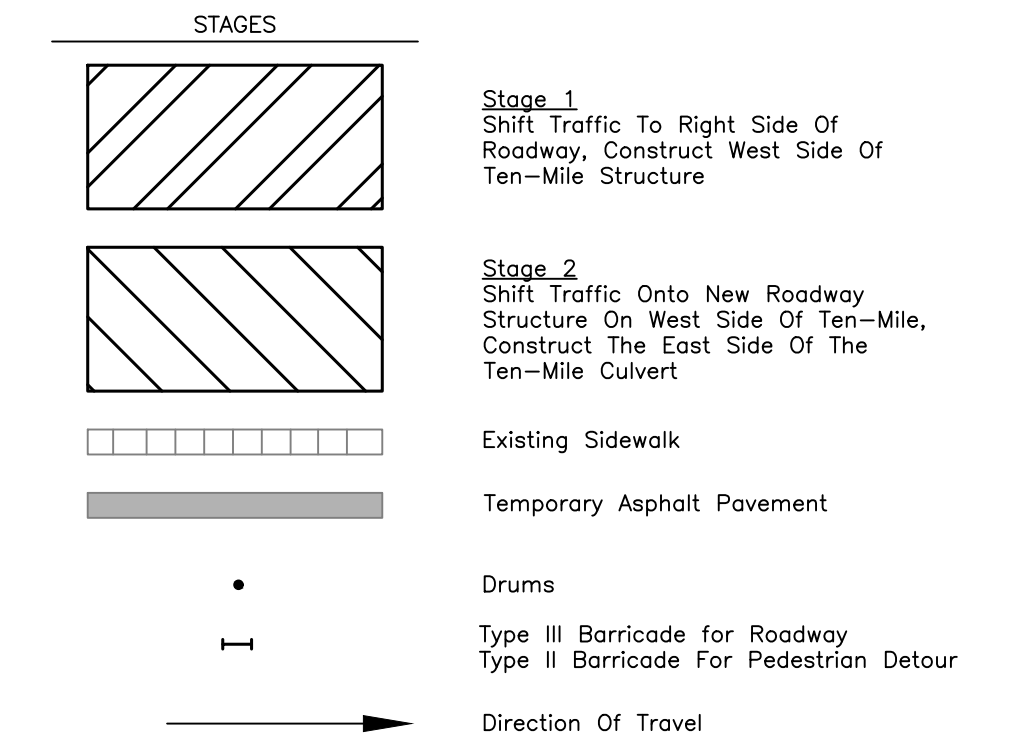


J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\CONSTRUCTION STAGING - KENNEDY LATERAL.DWG LAST SAVED: 6/27/2024 9:01 AM PRINTED: 6/27/2024 11:23 AM

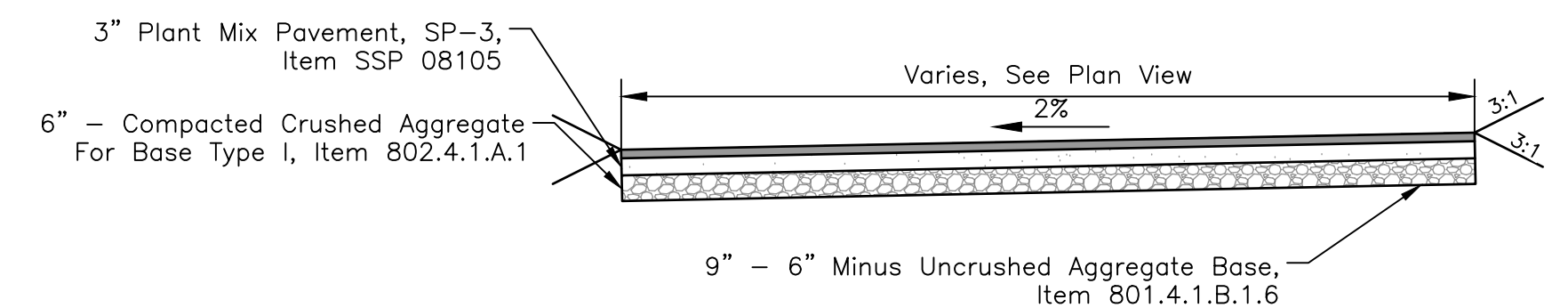
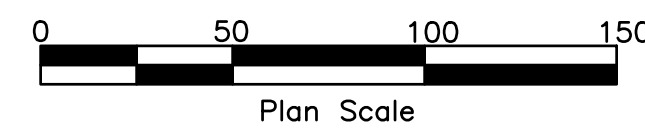
### CONSTRUCTION NOTES

1. All Temporary Crossings In The Construction Zone Must Be Moved At Some Point To Allow Construction To Continue.
2. Contractor Must Obliterate All Conflicting Pavement Markings, SSP 11400.
3. Minimum Radius Required For Temporary Roadway Is 198 Feet.
4. Minimum Drum Spacing Is 25 Feet.
5. Construction To Be Done During Non-Irrigation Season.
6. Shoring To Be Completed Between Phasing As Shown On Sheet 69 Of 101, Item SP 70017.

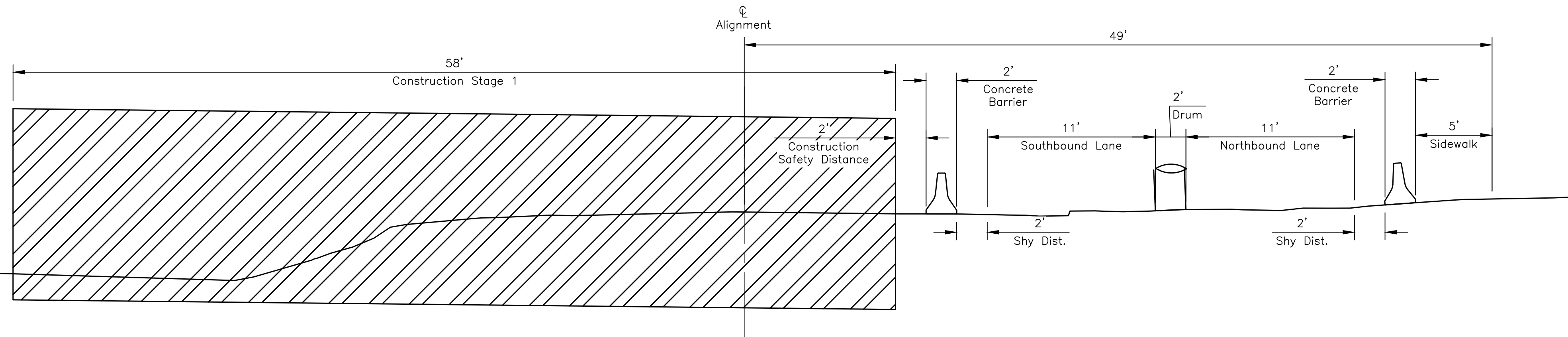
### LEGEND



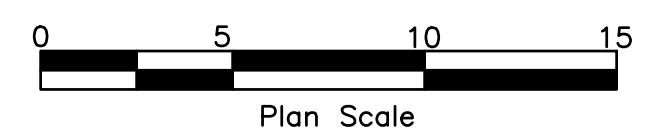
**KENNEDY LATERAL BOX CULVERT CROSS SECTION**



**A TEMPORARY PAVING DETAIL**  
 1:5



**KENNEDY LATERAL BOX CULVERT CROSS SECTION**



Revisions:	• SIGNATURES •		
Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 1/2024

• D E T A I L T I T L E •  
**CONSTRUCTION STAGING - KENNEDY LATERAL P1**

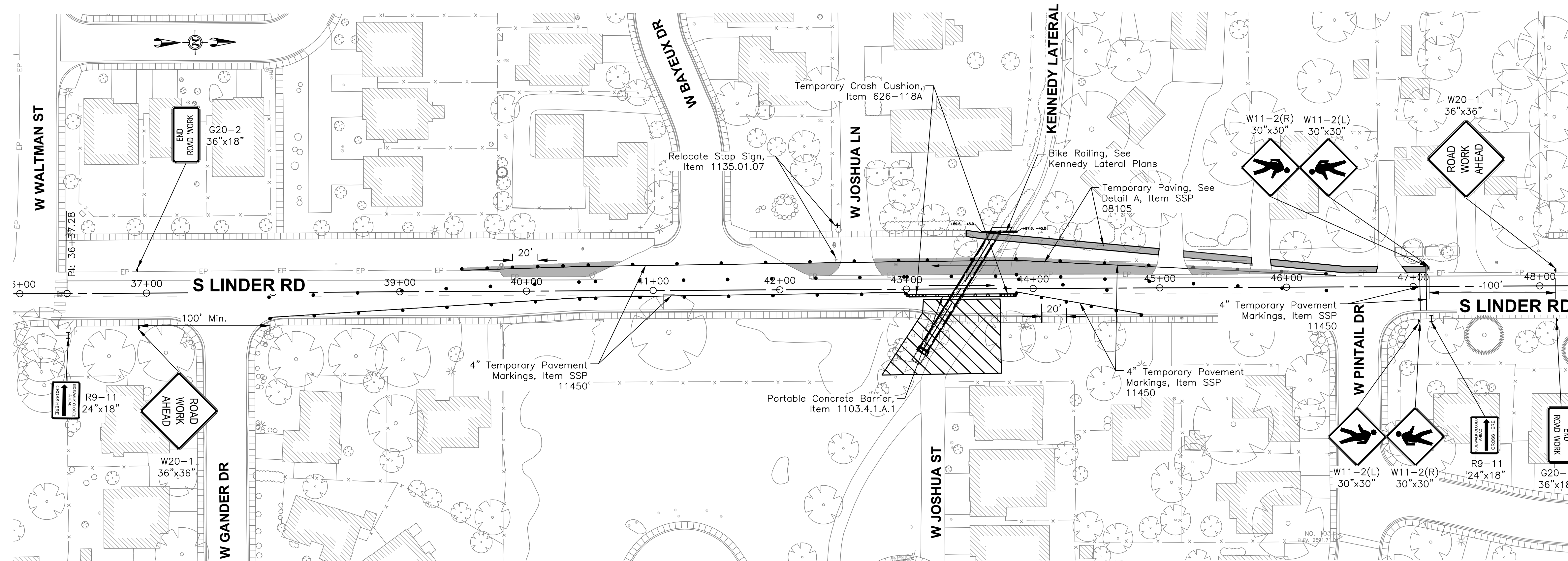


# CONSTRUCTION NOTES

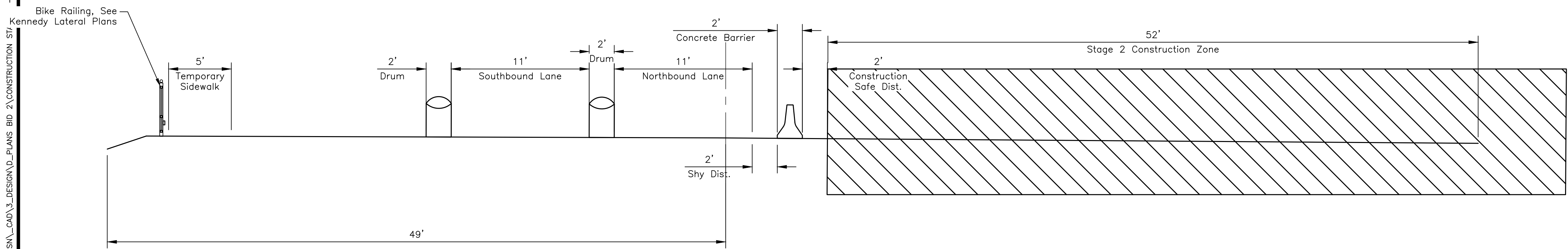
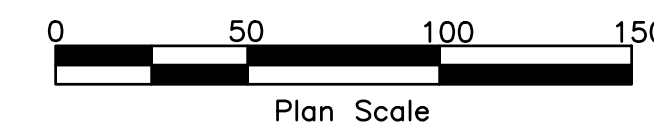
1. All Temporary Crossings In The Construction Zone Must Be Moved At Some Point To Allow Construction To Continue.
2. See Sheet 67 Of 101 For Temporary Pavement Detail.
3. Contractor Must Obliterate All Conflicting Pavement Markings, SSP 11400.
4. Minimum Drum Spacing Is 35 Feet, Unless Otherwise Noted.
5. The Contractor Must Provide Temporary Access To The Private Street W Joshua Ln.
6. Shoring To Be Completed Between Phasing As Shown On Sheet 69 Of 101, Item SP 70017.

# LEGEND

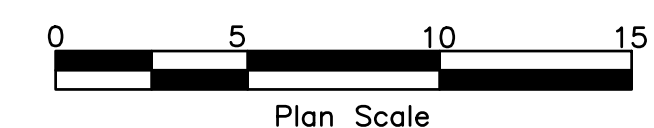
STAGES	
	Stage 1 Shift Traffic To Right Side Of Roadway, Construct West Side Of Ten-Mile Structure
	Stage 2 Shift Traffic Onto New Roadway Structure On West Side Of Ten-Mile, Construct The East Side Of The Ten-Mile Culvert
	Existing Sidewalk
	Temporary Asphalt Pavement
	Drums
	Type III Barricade For Roadway Type II Barricade For Pedestrian Detour
	Direction Of Travel



KENNEDY LATERAL BOX CULVERT CROSS SECTION



KENNEDY LATERAL BOX CULVERT CROSS SECTION



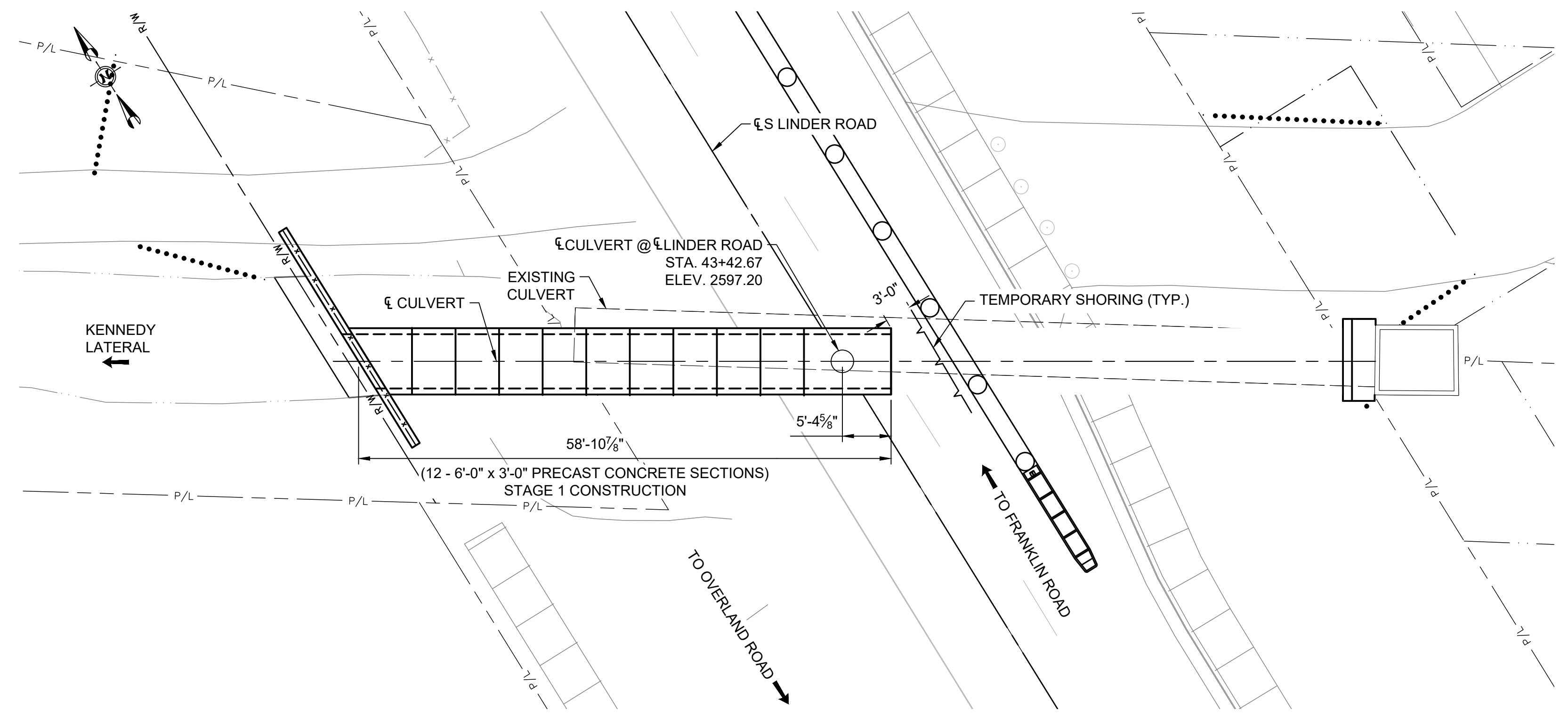
Revisions:	SIGNATURES		
Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 1/2024

DETAIL TITLE  
**CONSTRUCTION STAGING - KENNEDY LATERAL P2**

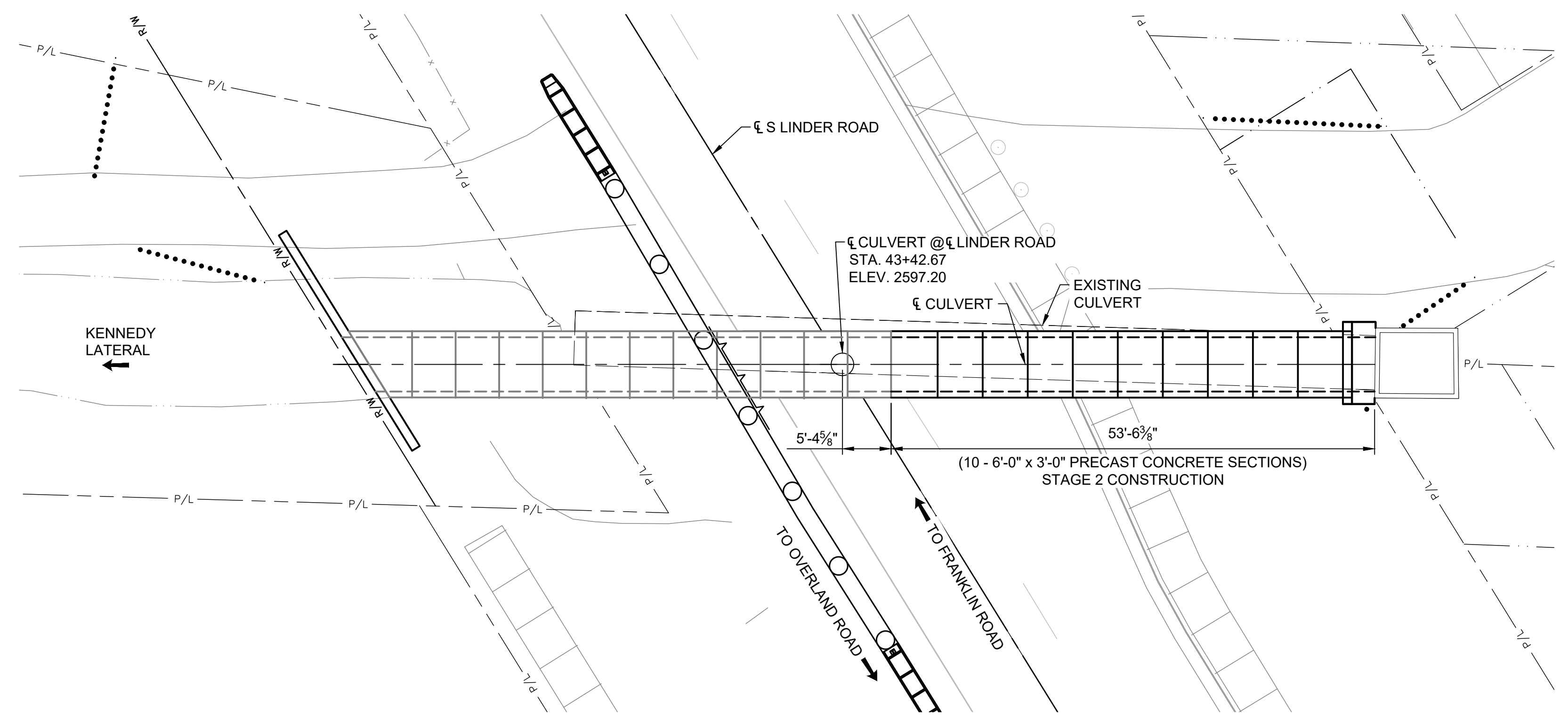


LAST SAVED: 6/27/2024 9:01 AM PRINTED: 6/27/2024 11:24 AM  
 J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\_CAD\3\_DESIGN\_PLANS BID 2\CONSTRUCTION STAGING - KENNEDY LATERAL.DWG

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\CAD\3\_DESIGN\PROJ\_DEV\1537\_KENNEDY LATERAL PLAN\_SHEETS\BRIDGE STAGING SHEET.DWG LAST SAVED: 6/27/2024 1:25 PM PRINTED: 6/27/2024 11:24 AM



**STAGE 1 CONSTRUCTION - KENNEDY LATERAL**  
1" = 10'-0"



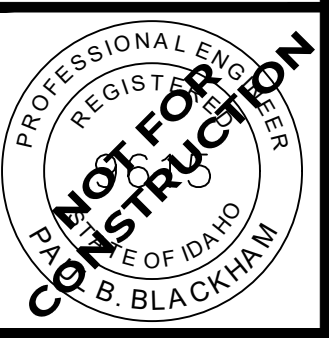
**STAGE 2 CONSTRUCTION - KENNEDY LATERAL**  
1" = 10'-0"

**NOTES:**

1. REPLACE THIS CULVERT DURING THE NON-IRRIGATION SEASON. PLACE COFFER DAMS AND BYPASS FLOW CONVEYANCE AS NECESSARY TO MAINTAIN FLOWS OTHERWISE. THE CONTRACTOR MAY SUBMIT ALTERNATIVE DEWATERING PLANS TO THE ENGINEER FOR APPROVAL.
2. PROVIDE ALL SHORING AS REQUIRED FOR CONSTRUCTION. THE LOCATIONS AND LIMITS SHOWN ARE INDICATED TO ALERT THE CONTRACTOR THAT SHORING MAY BE NEEDED. DETERMINE ACTUAL LOCATIONS AND LIMITS OF ALL SHORING REQUIRED. SUBMIT TEMPORARY SHROING PLANS AND DESIGN CALCULATIONS IN ACCORDANCE WITH 585-005A.

<p>Revisions:</p>	<p>• S I G N A T U R E S •</p>	
Design By: P. Blackham	Date: 1/2024	Drawn By: M. Oksten Date: 1/2024

• D E T A I L T I T L E •  
**CONSTRUCTION STAGING - KENNEDY LATERAL S&L**

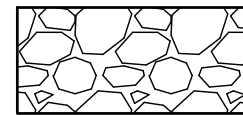
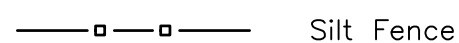
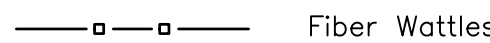


# NOTES

- 01 Silt Fence, Item No. 1003.4.1.C.1
- 02 Inlet Protection, Item No. 1006.4.1.C.1
- 03 Stabilized Construction Entrance, Item 1001.4.2.B.1
- 04 Fiber Wattle, Item 1003.4.1.G.1

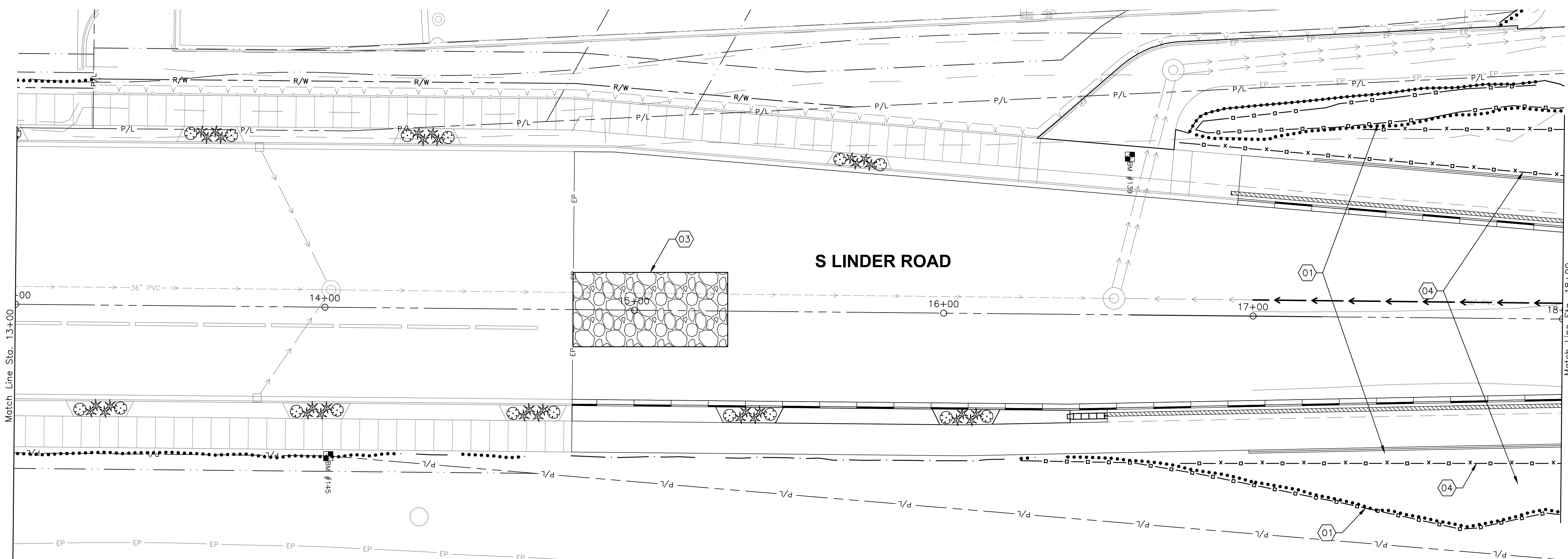
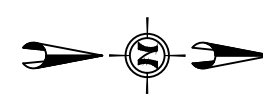
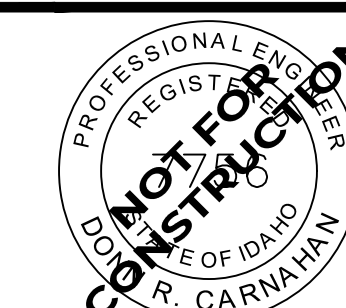
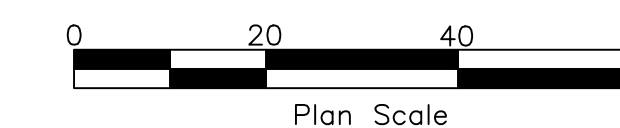
1. Stabilized Construction Entrances Must Be A Minimum Of 12 Feet Wide For Single Entrances And A Minimum Of 24 Feet Wide For Dual Entrances. A Minimum Length Of 50 Feet is Required.

# LEGEND

-  Stabilized Construction Entrance
-  Silt Fence
-  Fiber Wattles

## GENERAL NOTES FOR TEMPORARY EROSION CONTROL

1. Site Dimensions, Placement, And Payment For Temporary Erosion Control Devices Will Be As Set Forth In The Plans And Special Provisions.
2. The Site Design Determines The Need For Temporary Erosion Control Devices. Modifications To Those Installations Must Be Approved By The Engineer.
3. Temporary Erosion Control Devices Are Not Intended To Last More Than One Season (3 Months), Or Until They Are Integrated Into A Final Erosion Control System, Replace When Expired.
4. At The End Of Each Days Work, The Appropriate Number And Combination Of Temporary Erosion Control Devices Must Be Placed On Each Drainage System Under Construction.
5. The Staging Area Is Required To Be Kept Within The Limits Of The Project. If Additional Area Is Required, Advanced Notification To ACHD Is Needed & The SWPPP Will Be Changed To Include The Additional Potential For Storm Water Runoff.
6. Concrete Clean-Out Areas Are To Be Kept Within The Project Limits. Clean-Out Areas Should Not Be Near Drop Inlets, Or Areas Surrounding Irrigation Ditches, Streams, Or Open Channels Of Any Kind. To Remove Affected Soils/Materials And Concrete From Any Concrete Clean-Out Area And Dispose In An Approved Landfill.
7. If A Porta-Pot Is Needed, It Will Be Kept Behind The Proposed Or Existing Sidewalk, To Minimize Potential Effected Area In Case Of A Spill.
8. All Drop Inlet Protection Will Be Installed Prior To Paving.
9. During The Refueling Process, Take Measures To Contain Any Potential Spills By Using An Approved BMP.
10. Spill Protection Is Required On All Refueling And Maintenance Activities. This Includes Checking And Filling Oil, Brake Fluid, Hydraulic Fluid, Radiator Coolant, Power Steering Fluid, Transmission Fluid, And Gear Oil. The Contractor Will Use An Approved BMP To Prevent And/Or Contain Spills.
11. Spill Cleanup - In The Event Of A Spill As Outlined Above Remove The Effected Soils/Materials And Properly Dispose.
12. The SWPPP Can Be Altered By The Owner Or Contractor To Address Any Potential Onsite Storm Water Problems Not Already Covered Or Mentioned Above. If Altered, Both Parties Are To Be Notified As Soon As Possible.



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\SWPPP SHEETS.DWG LAST SAVED: 6/26/2024 1:25 PM PRINTED: 6/27/2024 1:49 PM

Revisions:	• S I G N A T U R E S •	
Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley

• D E T A I L T I T L E •

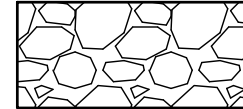
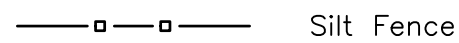
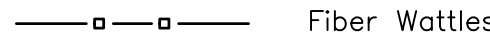
SWPPP PLAN - STA. 13+00 - 18+00

# NOTES

- 01 Silt Fence, Item No. 1003.4.1.C.1
- 02 Inlet Protection, Item No. 1006.4.1.C.1
- 03 Stabilized Construction Entrance, Item 1001.4.2.B.1
- 04 Fiber Wattle, Item 1003.4.1.G.1

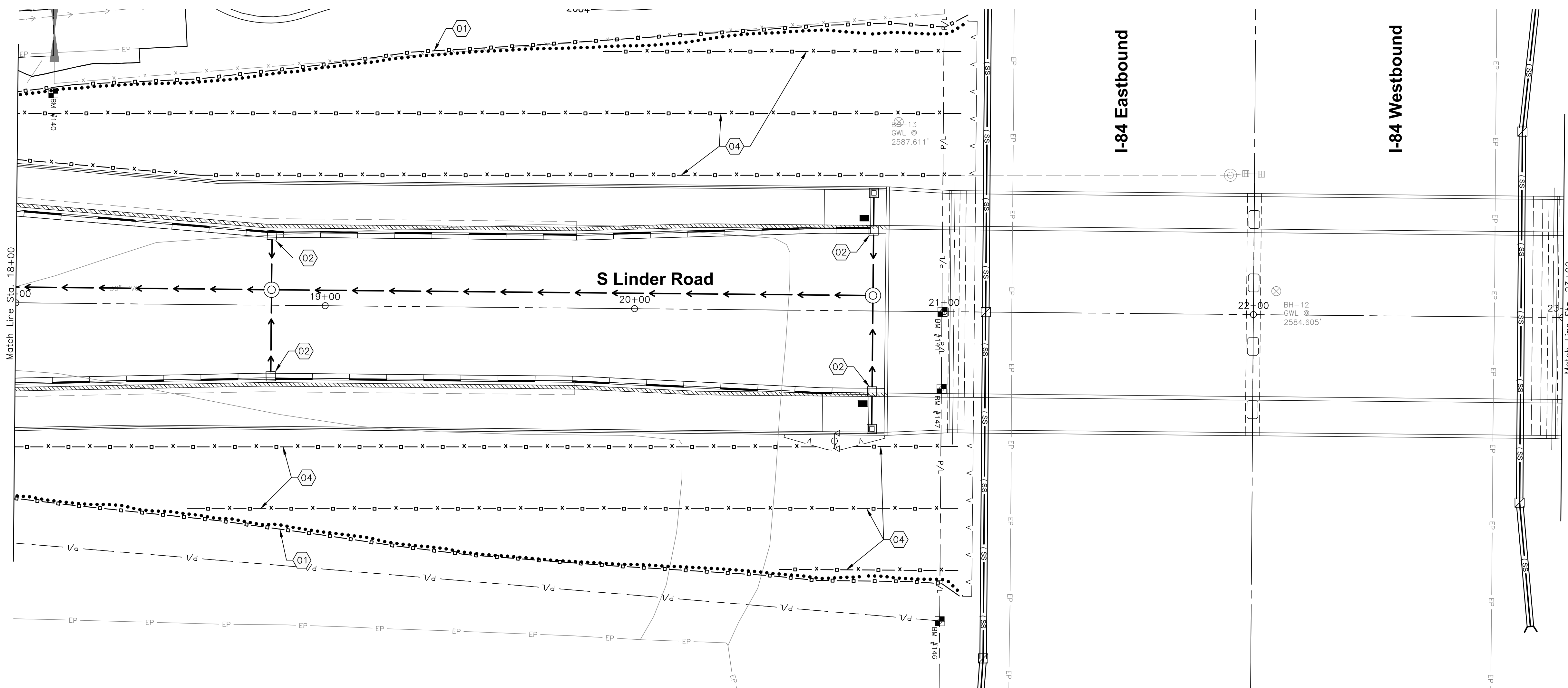
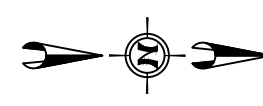
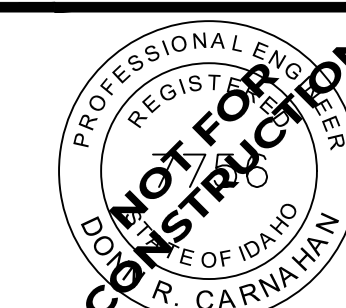
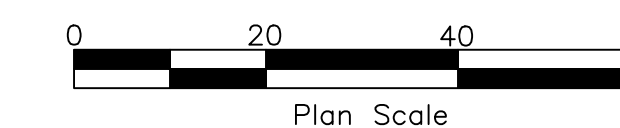
1. Stabilized Construction Entrances Must Be A Minimum Of 12 Feet Wide For Single Entrances And A Minimum Of 24 Feet Wide For Dual Entrances. A Minimum Length Of 50 Feet is Required.

# LEGEND

-  Stabilized Construction Entrance
-  Silt Fence
-  Fiber Wattles

## GENERAL NOTES FOR TEMPORARY EROSION CONTROL

1. Site Dimensions, Placement, And Payment For Temporary Erosion Control Devices Will Be As Set Forth In The Plans And Special Provisions.
2. The Site Design Determines The Need For Temporary Erosion Control Devices. Modifications To Those Installations Must Be Approved By The Engineer.
3. Temporary Erosion Control Devices Are Not Intended To Last More Than One Season (3 Months), Or Until They Are Integrated Into A Final Erosion Control System, Replace When Expired.
4. At The End Of Each Days Work, The Appropriate Number And Combination Of Temporary Erosion Control Devices Must Be Placed On Each Drainage System Under Construction.
5. The Staging Area Is Required To Be Kept Within The Limits Of The Project. If Additional Area Is Required, Advanced Notification To ACHD Is Needed & The SWPPP Will Be Changed To Include The Additional Potential For Storm Water Runoff.
6. Concrete Clean-Out Areas Are To Be Kept Within The Project Limits. Clean-Out Areas Should Not Be Near Drop Inlets, Or Areas Surrounding Irrigation Ditches, Streams, Or Open Channels Of Any Kind. To Remove Affected Soils/Materials And Concrete From Any Concrete Clean-Out Area And Dispose In An Approved Landfill.
7. If A Porta-Pot Is Needed, It Will Be Kept Behind The Proposed Or Existing Sidewalk, To Minimize Potential Effected Area In Case Of A Spill.
8. All Drop Inlet Protection Will Be Installed Prior To Paving.
9. During The Refueling Process, Take Measures To Contain Any Potential Spills By Using An Approved BMP.
10. Spill Protection Is Required On All Refueling And Maintenance Activities. This Includes Checking And Filling Oil, Brake Fluid, Hydraulic Fluid, Radiator Coolant, Power Steering Fluid, Transmission Fluid, And Gear Oil. The Contractor Will Use An Approved BMP To Prevent And/Or Contain Spills.
11. Spill Cleanup - In The Event Of A Spill As Outlined Above Remove The Effected Soils/Materials And Properly Dispose.
12. The SWPPP Can Be Altered By The Owner Or Contractor To Address Any Potential Onsite Storm Water Problems Not Already Covered Or Mentioned Above. If Altered, Both Parties Are To Be Notified As Soon As Possible.



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESN\PLANS BID 2\SWPPP SHEETS.DWG LAST SAVED: 6/26/2024 1:25 PM PRINTED: 6/27/2024 1:50 PM

Revisions:	• S I G N A T U R E S •		
	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley

• D E T A I L T I T L E •

**SWPPP PLAN - STA. 18+00 - 23+00**

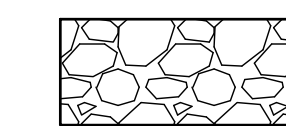
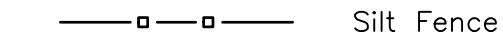



# NOTES

- 01 Silt Fence, Item No. 1003.4.1.C.1
- 02 Inlet Protection, Item No. 1006.4.1.C.1
- 03 Stabilized Construction Entrance, Item 1001.4.2.B.1
- 04 Fiber Wattle, Item 1003.4.1.G.1

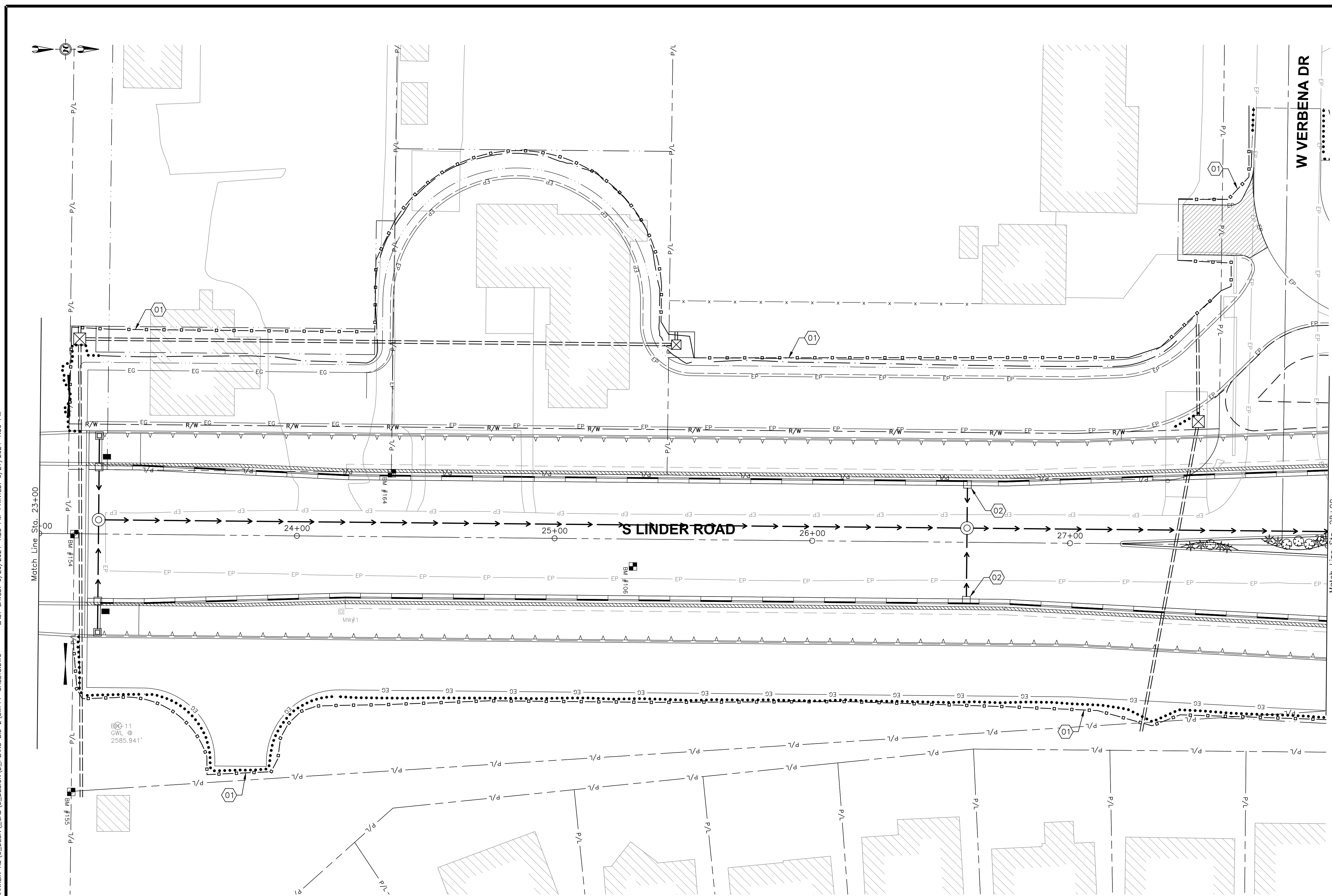
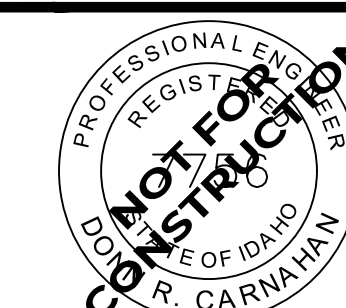
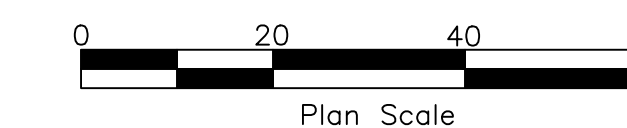
1. Stabilized Construction Entrances Must Be A Minimum Of 12 Feet Wide For Single Entrances And A Minimum Of 24 Feet Wide For Dual Entrances. A Minimum Length Of 50 Feet is Required.

# LEGEND

-  Stabilized Construction Entrance
-  Silt Fence
-  Fiber Wattles

## GENERAL NOTES FOR TEMPORARY EROSION CONTROL

- Site Dimensions, Placement, And Payment For Temporary Erosion Control Devices Will Be As Set Forth In The Plans And Special Provisions.
- The Site Design Determines The Need For Temporary Erosion Control Devices. Modifications To Those Installations Must Be Approved By The Engineer.
- Temporary Erosion Control Devices Are Not Intended To Last More Than One Season (3 Months), Or Until They Are Integrated Into A Final Erosion Control System, Replace When Expired.
- At The End Of Each Days Work, The Appropriate Number And Combination Of Temporary Erosion Control Devices Must Be Placed On Each Drainage System Under Construction.
- The Staging Area Is Required To Be Kept Within The Limits Of The Project. If Additional Area Is Required, Advanced Notification To ACHD Is Needed & The SWPPP Will Be Changed To Include The Additional Potential For Storm Water Runoff.
- Concrete Clean-Out Areas Are To Be Kept Within The Project Limits. Clean-Out Areas Should Not Be Near Drop Inlets, Or Areas Surrounding Irrigation Ditches, Streams, Or Open Channels Of Any Kind. To Remove Affected Soils/Materials And Concrete From Any Concrete Clean-Out Area And Dispose In An Approved Landfill.
- If A Porta-Pot Is Needed, It Will Be Kept Behind The Proposed Or Existing Sidewalk, To Minimize Potential Effected Area In Case Of A Spill.
- All Drop Inlet Protection Will Be Installed Prior To Paving.
- During The Refueling Process, Take Measures To Contain Any Potential Spills By Using An Approved BMP.
- Spill Protection Is Required On All Refueling And Maintenance Activities. This Includes Checking And Filling Oil, Brake Fluid, Hydraulic Fluid, Radiator Coolant, Power Steering Fluid, Transmission Fluid, And Gear Oil. The Contractor Will Use An Approved BMP To Prevent And/Or Contain Spills.
- Spill Cleanup - In The Event Of A Spill As Outlined Above Remove The Effected Soils/Materials And Properly Dispose.
- The SWPPP Can Be Altered By The Owner Or Contractor To Address Any Potential Onsite Storm Water Problems Not Already Covered Or Mentioned Above. If Altered, Both Parties Are To Be Notified As Soon As Possible.



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESN\PLANS BID 2\SWPPP SHEETS.DWG LAST SAVED: 6/26/2024 1:25 PM PRINTED: 6/27/2024 1:50 PM

Revisions:	• S I G N A T U R E S •		
	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley

• D E T A I L T I T L E •

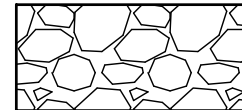
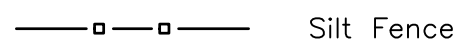
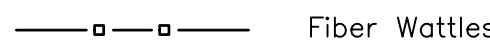
**SWPPP PLAN - STA. 23+00 - 28+00**

# NOTES

- 01 Silt Fence, Item No. 1003.4.1.C.1
- 02 Inlet Protection, Item No. 1006.4.1.C.1
- 03 Stabilized Construction Entrance, Item 1001.4.2.B.1
- 04 Fiber Wattle, Item 1003.4.1.G.1

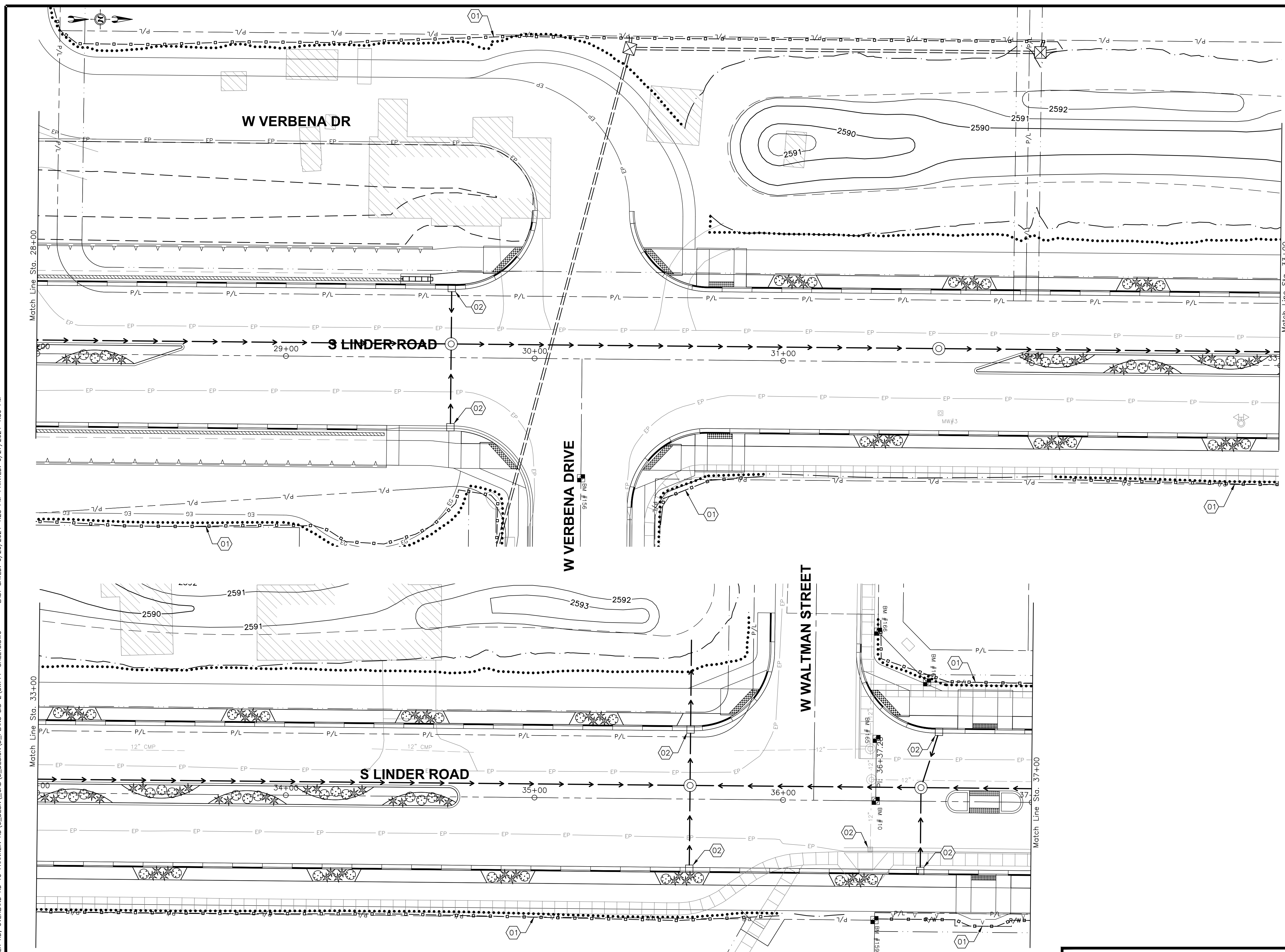
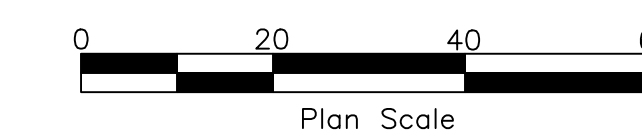
1. Stabilized Construction Entrances Must Be A Minimum Of 12 Feet Wide For Single Entrances And A Minimum Of 24 Feet Wide For Dual Entrances. A Minimum Length Of 50 Feet Is Required.

# LEGEND

-  Stabilized Construction Entrance
-  Silt Fence
-  Fiber Wattles

## GENERAL NOTES FOR TEMPORARY EROSION CONTROL

1. Site Dimensions, Placement, And Payment For Temporary Erosion Control Devices Will Be As Set Forth In The Plans And Special Provisions.
2. The Site Design Determines The Need For Temporary Erosion Control Devices. Modifications To Those Installations Must Be Approved By The Engineer.
3. Temporary Erosion Control Devices Are Not Intended To Last More Than One Season (3 Months), Or Until They Are Integrated Into A Final Erosion Control System, Replace When Expired.
4. At The End Of Each Days Work, The Appropriate Number And Combination Of Temporary Erosion Control Devices Must Be Placed On Each Drainage System Under Construction.
5. The Staging Area Is Required To Be Kept Within The Limits Of The Project. If Additional Area Is Required, Advanced Notification To ACHD Is Needed & The SWPPP Will Be Changed To Include The Additional Potential For Storm Water Runoff.
6. Concrete Clean-Out Areas Are To Be Kept Within The Project Limits. Clean-Out Areas Should Not Be Near Drop Inlets, Or Areas Surrounding Irrigation Ditches, Streams, Or Open Channels Of Any Kind. To Remove Affected Soils/Materials And Concrete From Any Concrete Clean-Out Area And Dispose In An Approved Landfill.
7. If A Porta-Pot Is Needed, It Will Be Kept Behind The Proposed Or Existing Sidewalk, To Minimize Potential Effected Area In Case Of A Spill.
8. All Drop Inlet Protection Will Be Installed Prior To Paving.
9. During The Refueling Process, Take Measures To Contain Any Potential Spills By Using An Approved BMP.
10. Spill Protection Is Required On All Refueling And Maintenance Activities. This Includes Checking And Filling Oil, Brake Fluid, Hydraulic Fluid, Radiator Coolant, Power Steering Fluid, Transmission Fluid, And Gear Oil. The Contractor Will Use An Approved BMP To Prevent And/Or Contain Spills.
11. Spill Cleanup - In The Event Of A Spill As Outlined Above Remove The Effected Soils/Materials And Properly Dispose.
12. The SWPPP Can Be Altered By The Owner Or Contractor To Address Any Potential Onsite Storm Water Problems Not Already Covered Or Mentioned Above. If Altered, Both Parties Are To Be Notified As Soon As Possible.

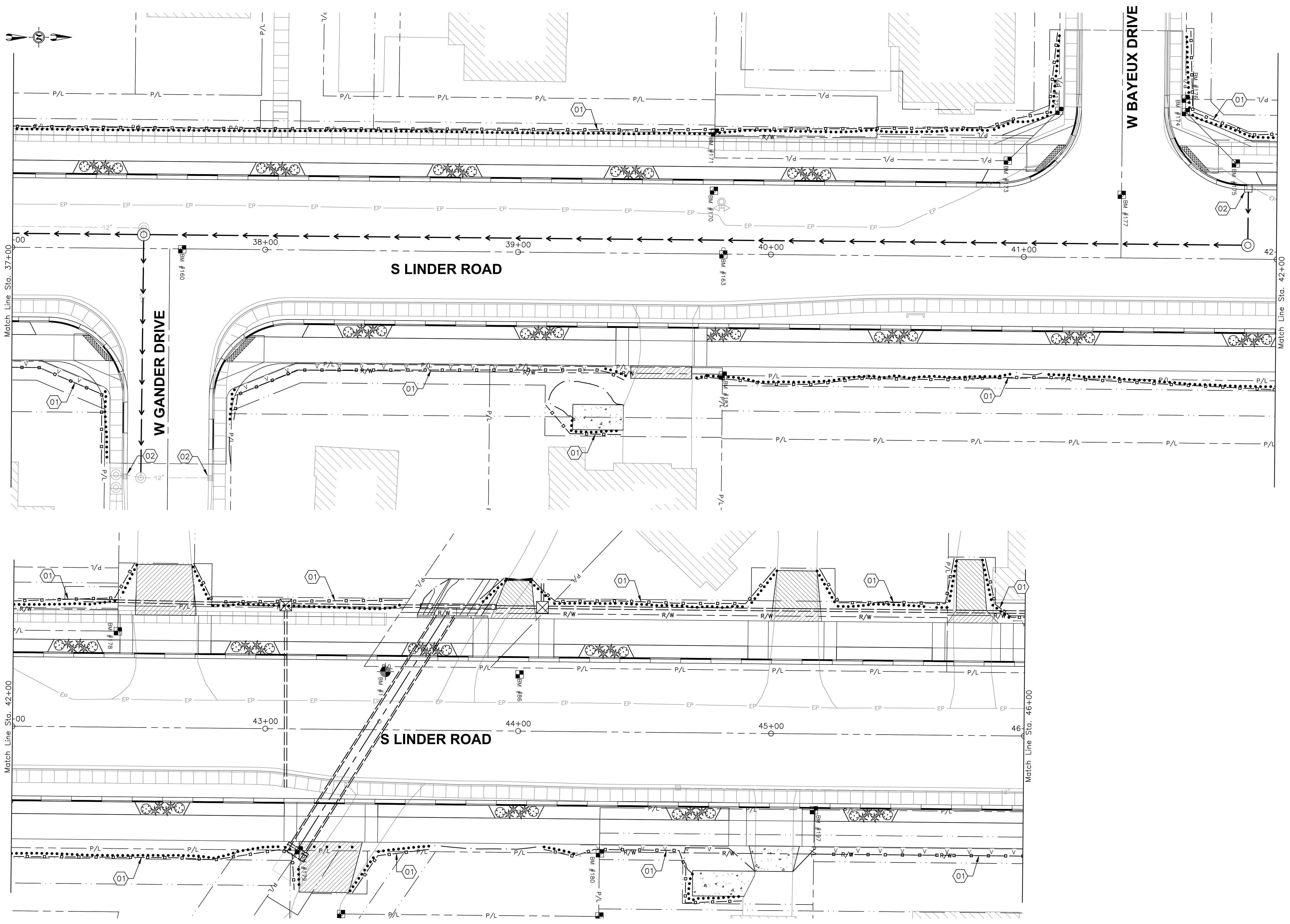


J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\SWPPP SHEETS.DWG LAST SAVED: 6/26/2024 1:25 PM PRINTED: 6/27/2024 1:50 PM

Revisions:	• SIGNATURES •		
Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 1/2024

• D E T A I L T I T L E •  
**SWPPP PLAN - STA. 28+00 - 37+00**

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\_3\_SWPPP\_PLANS BID 2\SWPPP\_SHEETS.DWG LAST SAVED: 6/26/2024 1:25 PM PRINTED: 6/27/2024 1:51 PM



## NOTES

- 01 Silt Fence, Item No. 1003.4.1.C.1
  - 02 Inlet Protection, Item No. 1006.4.1.C.1
  - 03 Stabilized Construction Entrance, Item 1001.4.2.B.1
  - 04 Fiber Wattle, Item 1003.4.1.G.1
1. Stabilized Construction Entrances Must Be A Minimum Of 12 Feet Wide For Single Entrances And A Minimum Of 24 Feet Wide For Dual Entrances. A Minimum Length Of 50 Feet Is Required.

## LEGEND

- Stabilized Construction Entrance
- Silt Fence
- Fiber Wattles

### GENERAL NOTES FOR TEMPORARY EROSION CONTROL

1. Site Dimensions, Placement, And Payment For Temporary Erosion Control Devices Will Be As Set Forth In The Plans And Special Provisions.
2. The Site Design Determines The Need For Temporary Erosion Control Devices. Modifications To Those Installations Must Be Approved By The Engineer.
3. Temporary Erosion Control Devices Are Not Intended To Last More Than One Season (3 Months), Or Until They Are Integrated Into A Final Erosion Control System, Replace When Expired.
4. At The End Of Each Days Work, The Appropriate Number And Combination Of Temporary Erosion Control Devices Must Be Placed On Each Drainage System Under Construction.
5. The Staging Area Is Required To Be Kept Within The Limits Of The Project. If Additional Area Is Required, Advanced Notification To ACHD Is Needed & The SWPPP Will Be Changed To Include The Additional Potential For Storm Water Runoff.
6. Concrete Clean-Out Areas Are To Be Kept Within The Project Limits. Clean-Out Areas Should Not Be Near Drop Inlets, Or Areas Surrounding Irrigation Ditches, Streams, Or Open Channels Of Any Kind. To Remove Affected Soils/Materials And Concrete From Any Concrete Clean-Out Area And Dispose In An Approved Landfill.
7. If A Porta-Pot Is Needed, It Will Be Kept Behind The Proposed Or Existing Sidewalk, To Minimize Potential Effected Area In Case Of A Spill.
8. All Drop Inlet Protection Will Be Installed Prior To Paving.
9. During The Refueling Process, Take Measures To Contain Any Potential Spills By Using An Approved BMP.
10. Spill Protection Is Required On All Refueling And Maintenance Activities. This Includes Checking And Filling Oil, Brake Fluid, Hydraulic Fluid, Radiator Coolant, Power Steering Fluid, Transmission Fluid, And Gear Oil. The Contractor Will Use An Approved BMP To Prevent And/Or Contain Spills.
11. Spill Cleanup - In The Event Of A Spill As Outlined Above Remove The Effected Soils/Materials And Properly Dispose.
12. The SWPPP Can Be Altered By The Owner Or Contractor To Address Any Potential Onsite Storm Water Problems Not Already Covered Or Mentioned Above. If Altered, Both Parties Are To Be Notified As Soon As Possible.



Revisions: \_\_\_\_\_

• S I G N A T U R E S •

Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 1/2024
------------------------	--------------	---------------------	--------------

• D E T A I L T I T L E •

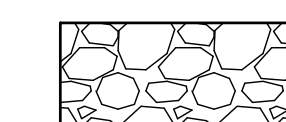


SWPPP PLAN - STA. 37+00 - 46+00

# NOTES

- 01 Silt Fence, Item No. 1003.4.1.C.1
- 02 Inlet Protection, Item No. 1006.4.1.C.1
- 03 Stabilized Construction Entrance, Item 1001.4.2.B.1
- 04 Fiber Wattle, Item 1003.4.1.G.1

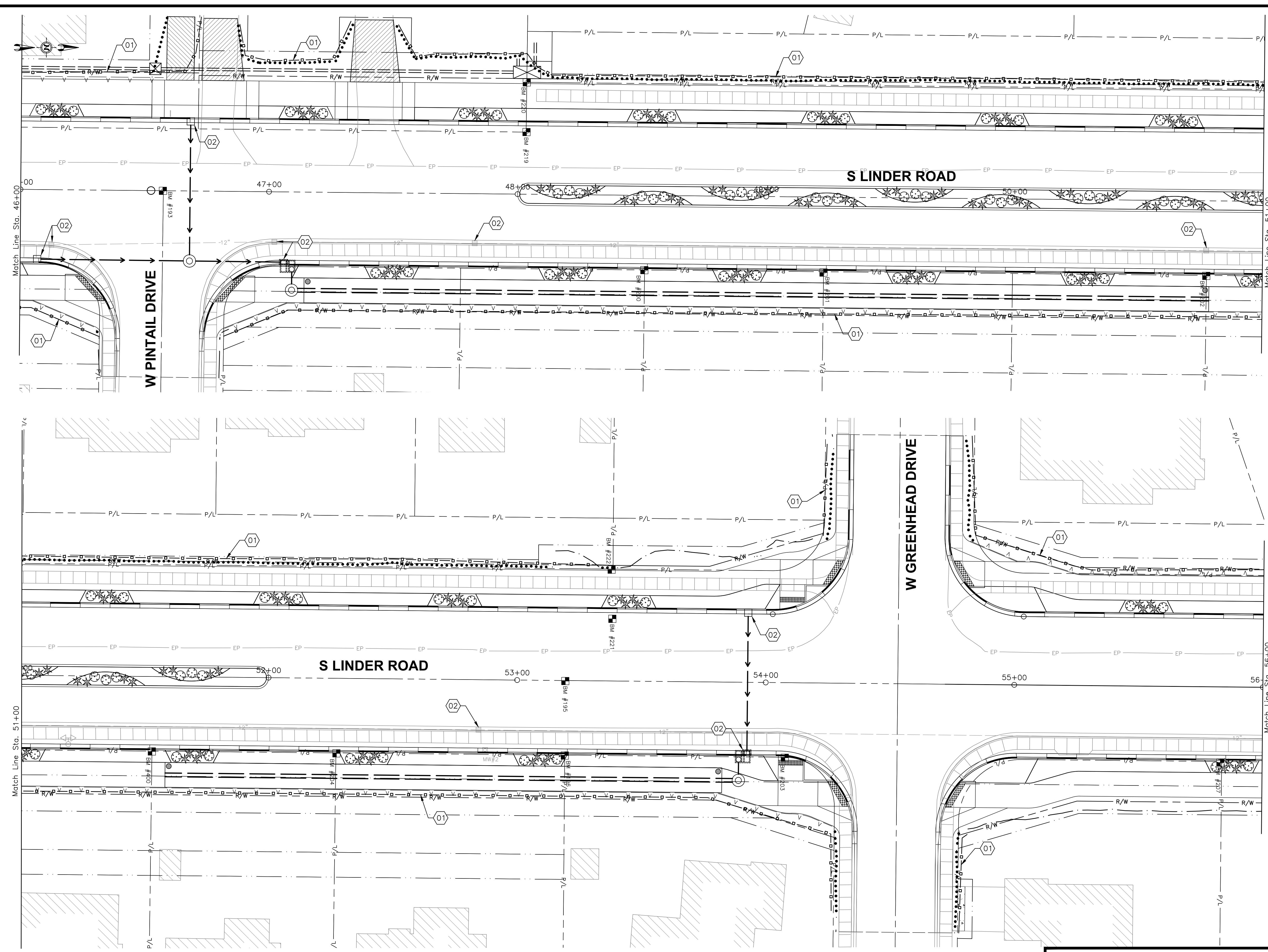
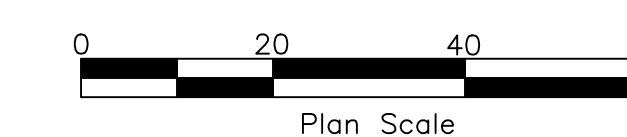
1. Stabilized Construction Entrances Must Be A Minimum Of 12 Feet Wide For Single Entrances And A Minimum Of 24 Feet Wide For Dual Entrances. A Minimum Length Of 50 Feet Is Required.

# LEGEND

-  Stabilized Construction Entrance
-  Silt Fence
-  Fiber Wattles

## GENERAL NOTES FOR TEMPORARY EROSION CONTROL

1. Site Dimensions, Placement, And Payment For Temporary Erosion Control Devices Will Be As Set Forth In The Plans And Special Provisions.
2. The Site Design Determines The Need For Temporary Erosion Control Devices. Modifications To Those Installations Must Be Approved By The Engineer.
3. Temporary Erosion Control Devices Are Not Intended To Last More Than One Season (3 Months), Or Until They Are Integrated Into A Final Erosion Control System, Replace When Expired.
4. At The End Of Each Days Work, The Appropriate Number And Combination Of Temporary Erosion Control Devices Must Be Placed On Each Drainage System Under Construction.
5. The Staging Area Is Required To Be Kept Within The Limits Of The Project. If Additional Area Is Required, Advanced Notification To ACHD Is Needed & The SWPPP Will Be Changed To Include The Additional Potential For Storm Water Runoff.
6. Concrete Clean-Out Areas Are To Be Kept Within The Project Limits. Clean-Out Areas Should Not Be Near Drop Inlets, Or Areas Surrounding Irrigation Ditches, Streams, Or Open Channels Of Any Kind. To Remove Affected Soils/Materials And Concrete From Any Concrete Clean-Out Area And Dispose In An Approved Landfill.
7. If A Porta-Pot Is Needed, It Will Be Kept Behind The Proposed Or Existing Sidewalk, To Minimize Potential Effected Area In Case Of A Spill.
8. All Drop Inlet Protection Will Be Installed Prior To Paving.
9. During The Refueling Process, Take Measures To Contain Any Potential Spills By Using An Approved BMP.
10. Spill Protection Is Required On All Refueling And Maintenance Activities. This Includes Checking And Filling Oil, Brake Fluid, Hydraulic Fluid, Radiator Coolant, Power Steering Fluid, Transmission Fluid, And Gear Oil. The Contractor Will Use An Approved BMP To Prevent And/Or Contain Spills.
11. Spill Cleanup - In The Event Of A Spill As Outlined Above Remove The Effected Soils/Materials And Properly Dispose.
12. The SWPPP Can Be Altered By The Owner Or Contractor To Address Any Potential Onsite Storm Water Problems Not Already Covered Or Mentioned Above. If Altered, Both Parties Are To Be Notified As Soon As Possible.



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\CD\3\_DESIGN\CD\_3\_SWPPP\_SHEETS.DWG LAST SAVED: 6/26/2024 1:25 PM PRINTED: 6/27/2024 1:51 PM

Revisions:	• SIGNATURES •		
	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley

• D E T A I L T I T L E •

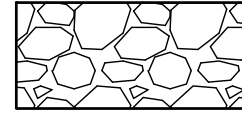
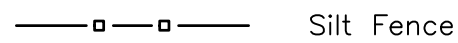
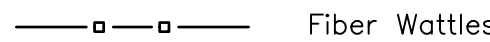
**SWPPP PLAN - STA. 46+00 - 56+00**

# NOTES

- 01 Silt Fence, Item No. 1003.4.1.C.1
- 02 Inlet Protection, Item No. 1006.4.1.C.1
- 03 Stabilized Construction Entrance, Item 1001.4.2.B.1
- 04 Fiber Wattle, Item 1003.4.1.G.1

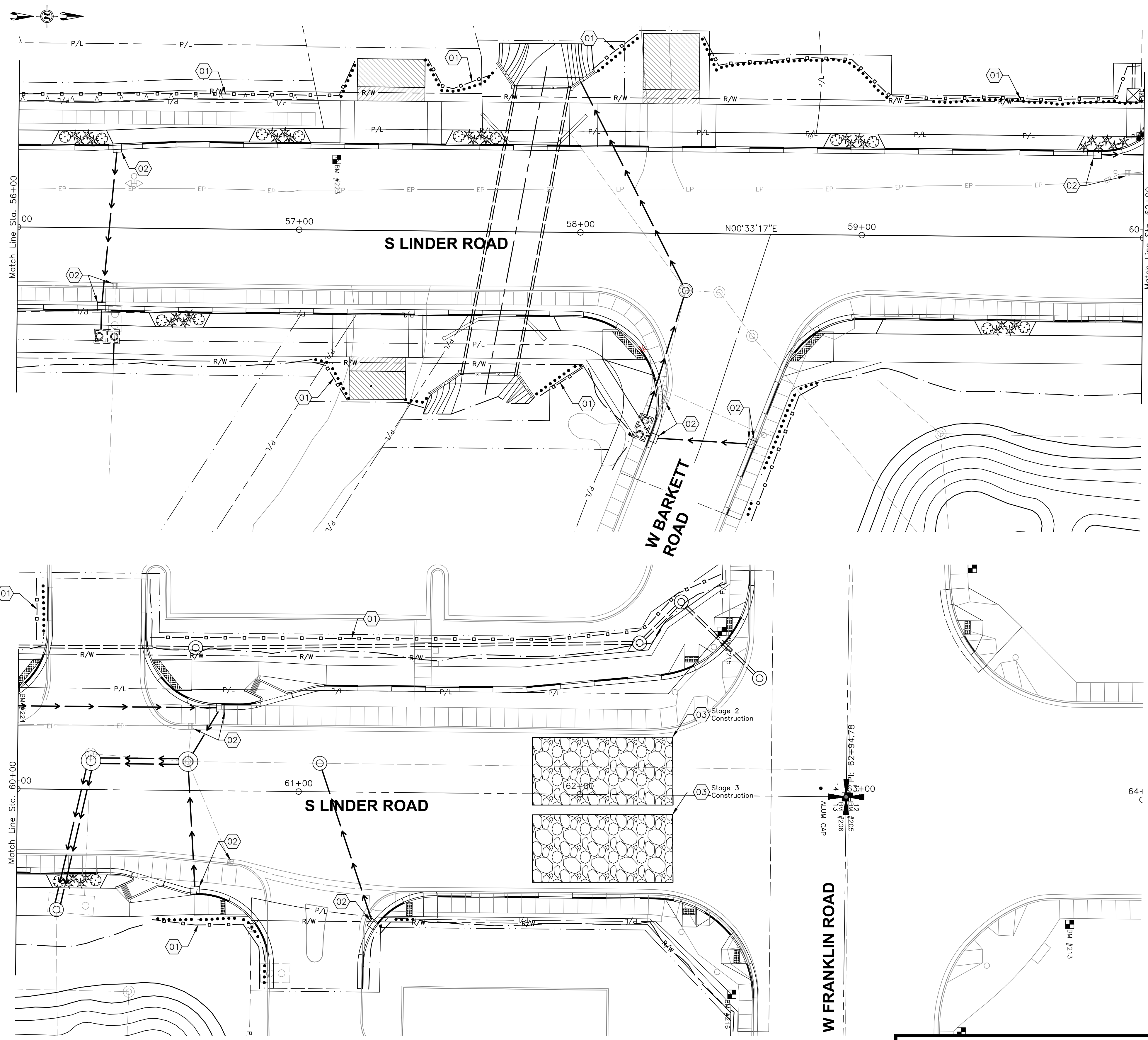
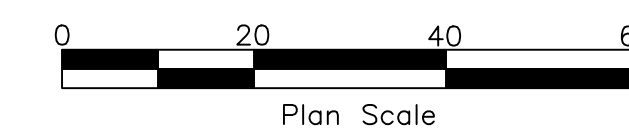
1. Stabilized Construction Entrances Must Be A Minimum Of 12 Feet Wide For Single Entrances And A Minimum Of 24 Feet Wide For Dual Entrances. A Minimum Length Of 50 Feet Is Required.

# LEGEND

-  Stabilized Construction Entrance
-  Silt Fence
-  Fiber Wattles

## GENERAL NOTES FOR TEMPORARY EROSION CONTROL

- Site Dimensions, Placement, And Payment For Temporary Erosion Control Devices Will Be As Set Forth In The Plans And Special Provisions.
- The Site Design Determines The Need For Temporary Erosion Control Devices. Modifications To Those Installations Must Be Approved By The Engineer.
- Temporary Erosion Control Devices Are Not Intended To Last More Than One Season (3 Months), Or Until They Are Integrated Into A Final Erosion Control System, Replace When Expired.
- At The End Of Each Days Work, The Appropriate Number And Combination Of Temporary Erosion Control Devices Must Be Placed On Each Drainage System Under Construction.
- The Staging Area Is Required To Be Kept Within The Limits Of The Project. If Additional Area Is Required, Advanced Notification To ACHD Is Needed & The SWPPP Will Be Changed To Include The Additional Potential For Storm Water Runoff.
- Concrete Clean-Out Areas Are To Be Kept Within The Project Limits. Clean-Out Areas Should Not Be Near Drop Inlets, Or Areas Surrounding Irrigation Ditches, Streams, Or Open Channels Of Any Kind. To Remove Affected Soils/Materials And Concrete From Any Concrete Clean-Out Area And Dispose In An Approved Landfill.
- If A Porta-Pot Is Needed, It Will Be Kept Behind The Proposed Or Existing Sidewalk, To Minimize Potential Effected Area In Case Of A Spill.
- All Drop Inlet Protection Will Be Installed Prior To Paving.
- During The Refueling Process, Take Measures To Contain Any Potential Spills By Using An Approved BMP.
- Spill Protection Is Required On All Refueling And Maintenance Activities. This Includes Checking And Filling Oil, Brake Fluid, Hydraulic Fluid, Radiator Coolant, Power Steering Fluid, Transmission Fluid, And Gear Oil. The Contractor Will Use An Approved BMP To Prevent And/Or Contain Spills.
- Spill Cleanup - In The Event Of A Spill As Outlined Above Remove The Effected Soils/Materials And Properly Dispose.
- The SWPPP Can Be Altered By The Owner Or Contractor To Address Any Potential Onsite Storm Water Problems Not Already Covered Or Mentioned Above. If Altered, Both Parties Are To Be Notified As Soon As Possible.



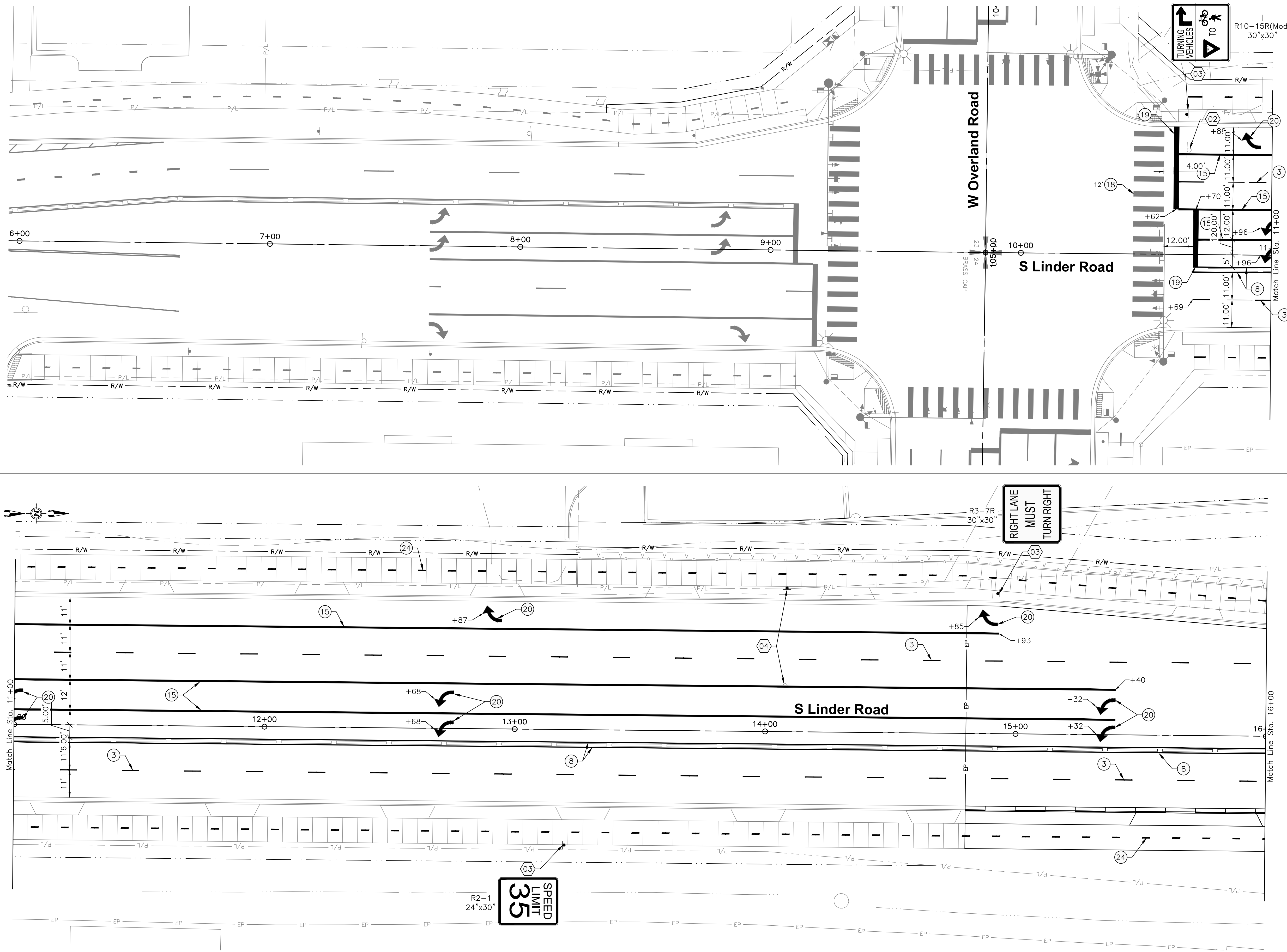
• S I G N A T U R E S •

Design By: J. Thornton      Date: 1/2024      Drawn By: A. Corley      Date: 1/2024

• D E T A I L T I T L E •  
**SWPPP PLAN - STA. 56+00 - 65+00**

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\_3\_DESIGN\_PLANS BID 2\SWPPP SHEETS.DWG      LAST SAVED: 6/26/2024 1:25 PM      PRINTED: 6/27/2024 1:52 PM

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\SIGNING & PAVEMENT MARKING PLANS.DWG LAST SAVED: 6/27/2024 11:47 AM PRINTED: 6/27/2024 1:52 PM

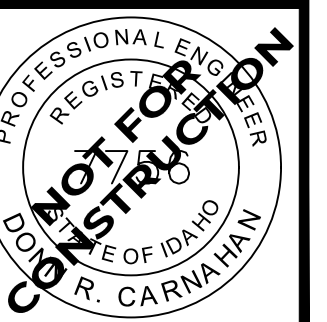
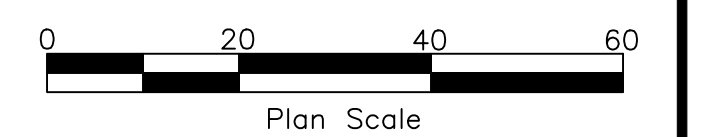


## NOTES

- 01 Retain And Protect
  - 02 Remove Sign, Item No. 201.4.1.C.1
  - 03 Roadside Traffic Sign Installation, (One Metal Post, Item No. 1135.01.01)
  - 04 Relocate Roadside Sign, Item No. 1135.01.07
1. Contractor Must Obliterate All Conflicting Pavement Markings Item SSP 11400.
  2. Street Name Sign Refer To ACHD Traffic Standards TS 1109.03 For Details.

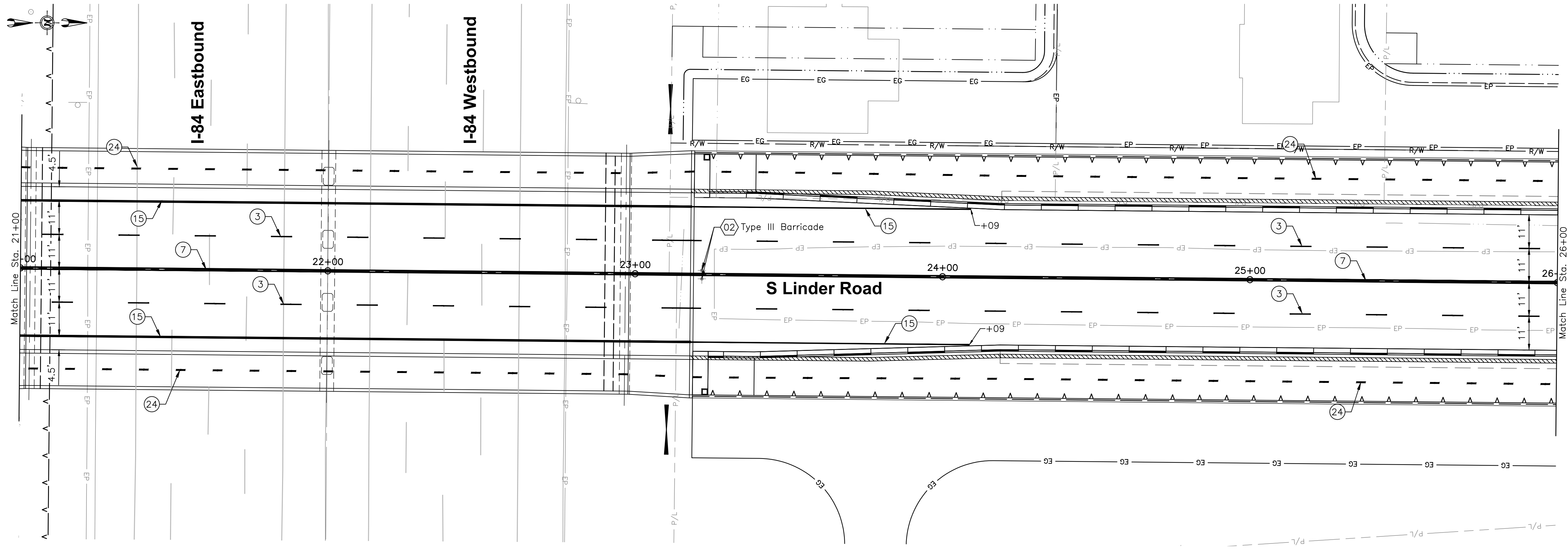
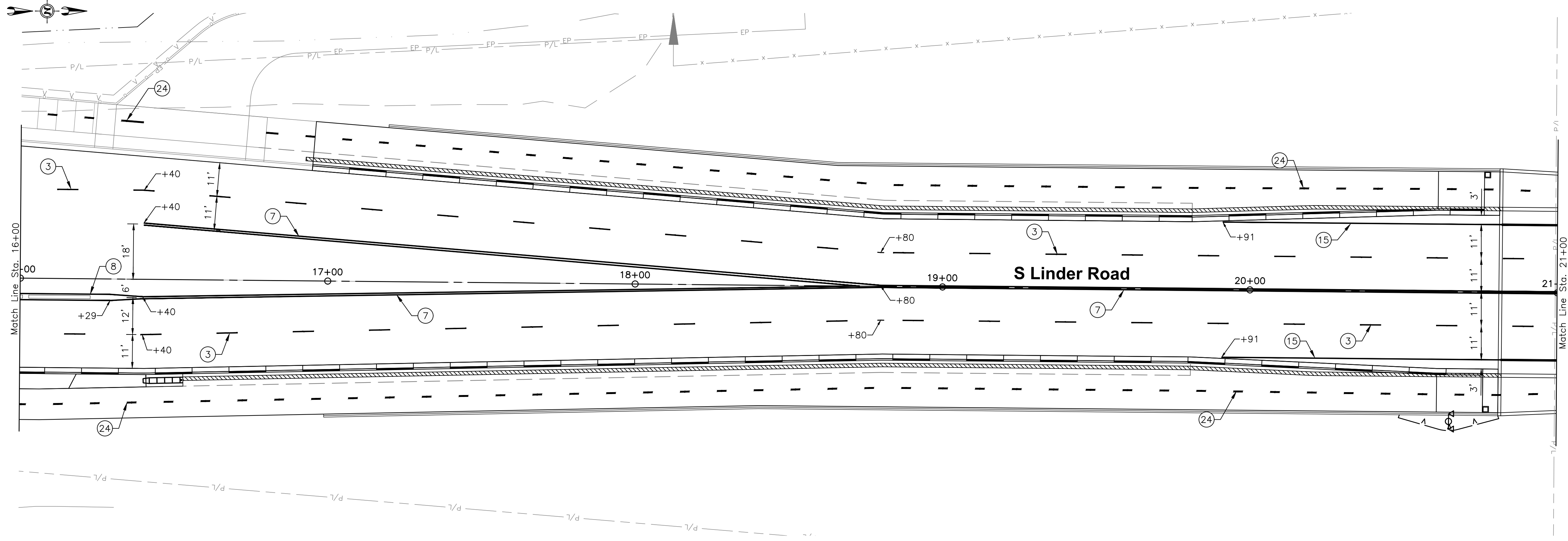
## PAVEMENT MARKING LEGEND

- 3 4" White - Lane Line  
7' Length & 18' Gap, Item No. 1134.03.03
- 4 4" White - Lane Line  
12' Length & 38' Gap, Item No. 1134.03.04
- 5 4" Yellow - 2 Way Lt. Turn  
7' Length & 18' Gap, Item No. 1134.03.05
- 7 4" Yellow - No Passing - 2 Direction, Item No. 1134.03.07
- 8 4" Yellow - Striped Median, Item No. 1134.03.08
- 11 8" White - Lane Drop  
3' Length & 12' Gap, Item No. 1134.03.11
- 12 8" White - Bike Lane At Int.  
2' Length & 6' Gap, Item No. 1134.03.12
- 15 8" White - Channelizing\Bike Lane, Item No. 1134.03.15
- 16 4" Yellow - Left Edge\Divided Hwy, Item No. 1134.03.16
- 17 4" White - Right Edge, Item No. 1134.03.17
- 18 24" White - Cross Walk - Thermoplastic  
Item No. 1134.05.21
- 19 24" White - Stop Bar - Thermoplastic  
Item No. 1134.05.21
- 20 Thermoplastic Pavement Markings  
Item No. 1134.05.21
- 21 4" White - Chevron - Item No. 1134.03.21
- 24 4" Yellow - Multiuse Pathway  
Center Line 3' Length & 9' Gap, Item No. 1134.03.21
- 25 4" White - Stripe at 30' - Item No. 1134.03.21



Revisions: \_\_\_\_\_ Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 01/2024 Survey By: A. Hafen Date: 09/2022

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\CAD\3\_DESIGN\PLANS BID 2\SIGNING & PAVEMENT MARKING PLANS.DWG LAST SAVED: 6/27/2024 11:47 AM PRINTED: 6/27/2024 1:53 PM

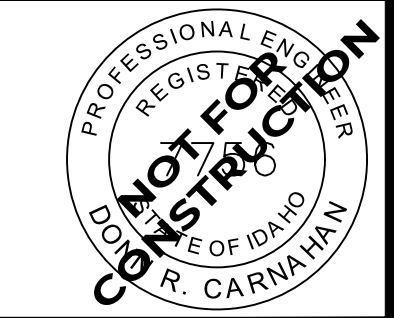


# NOTES

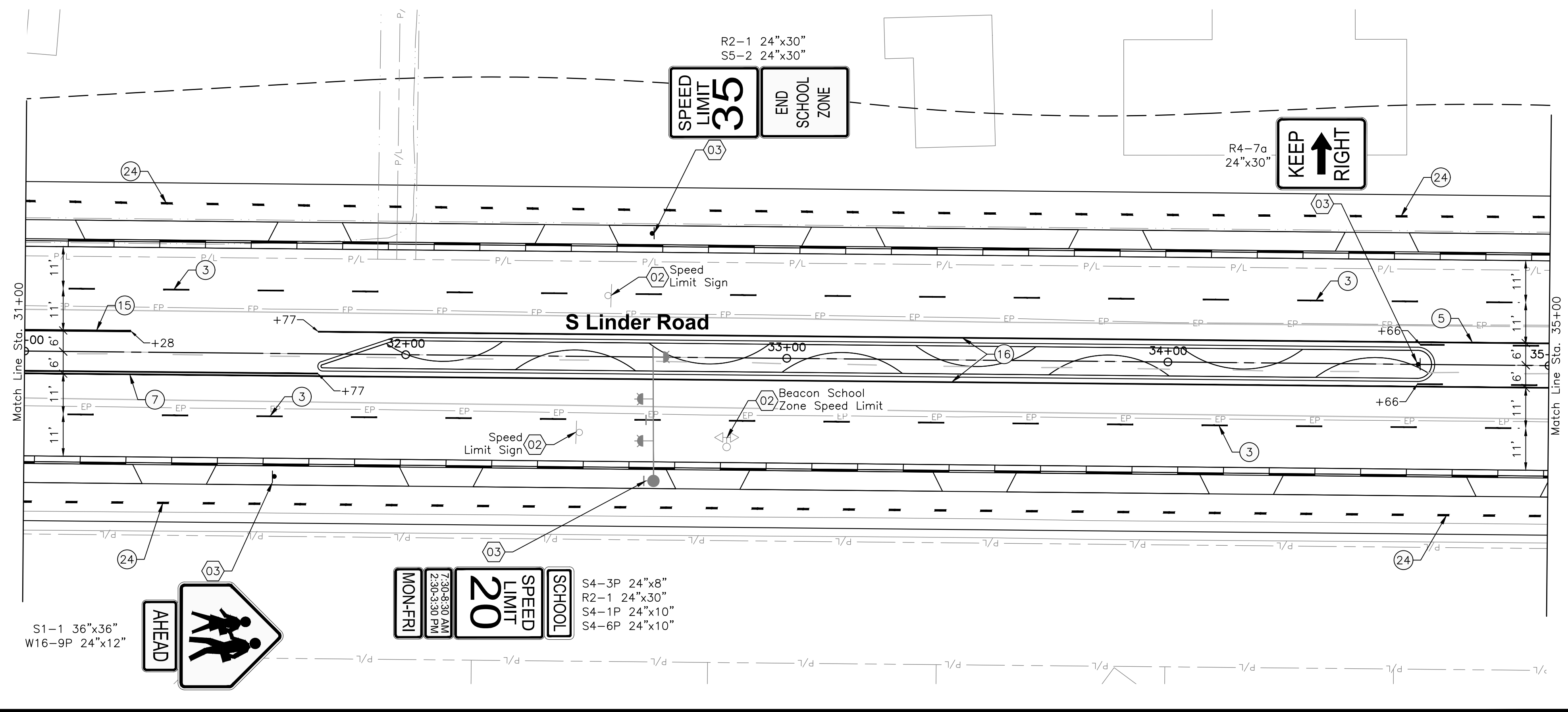
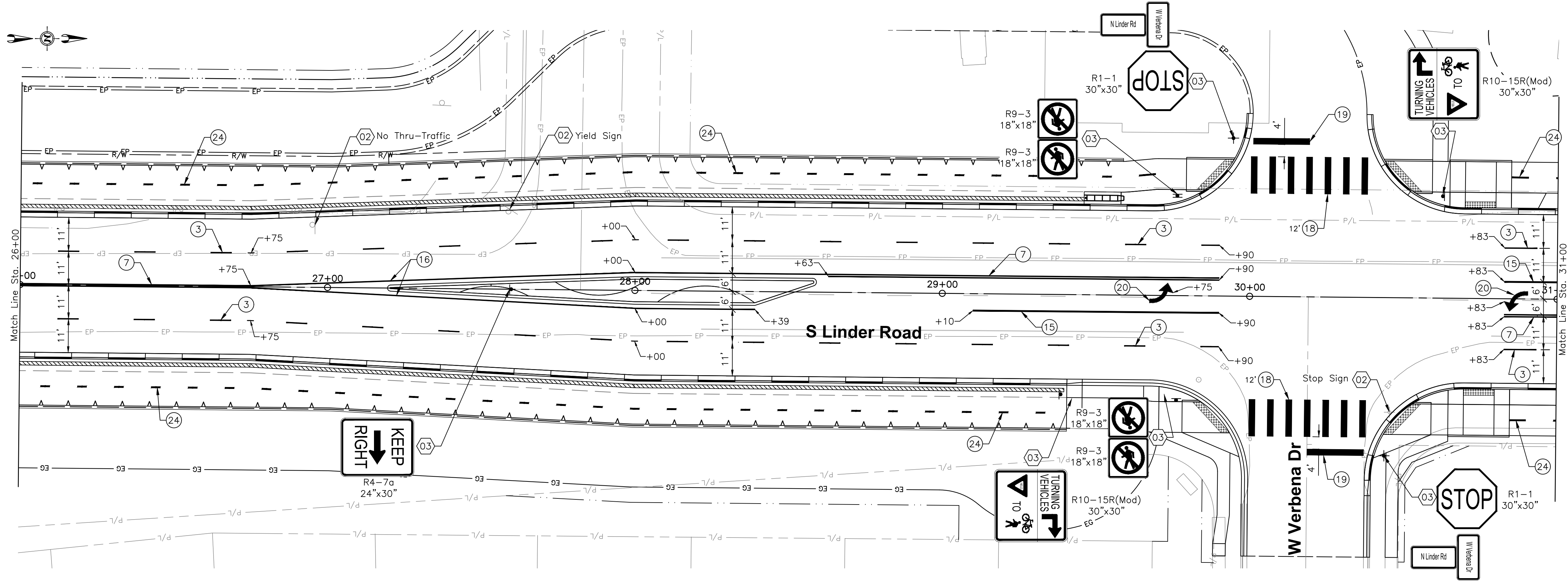
- 01 Retain And Protect
  - 02 Remove Sign, Item No. 201.4.1.C.1
  - 03 Roadside Traffic Sign Installation, (One Metal Post, Item No. 1135.01.01)
  - 04 Relocate Roadside Sign, Item No. 1135.01.07
1. Contractor Must Obliterate All Conflicting Pavement Markings Item SSP 11400.
  2. Street Name Sign Refer To ACHD Traffic Standards TS 1109.03 For Details.

## PAVEMENT MARKING LEGEND

- 3 4" White - Lane Line  
7' Length & 18' Gap, Item No. 1134.03.03
- 4 4" White - Lane Line  
12' Length & 38' Gap, Item No. 1134.03.04
- 5 4" Yellow - 2 Way Lt. Turn  
7' Length & 18' Gap, Item No. 1134.03.05
- 7 4" Yellow - No Passing - 2 Direction, Item No. 1134.03.07
- 8 4" Yellow - Striped Median, Item No. 1134.03.08
- 11 8" White - Lane Drop  
3' Length & 12' Gap, Item No. 1134.03.11
- 12 8" White - Bike Lane At Int.  
2' Length & 6' Gap, Item No. 1134.03.12
- 15 8" White - Channelizing\Bike Lane, Item No. 1134.03.15
- 16 4" Yellow - Left Edge\Divided Hwy, Item No. 1134.03.16
- 17 4" White - Right Edge, Item No. 1134.03.17
- 18 24" White - Cross Walk - Thermoplastic  
Item No. 1134.05.21
- 19 24" White - Stop Bar - Thermoplastic  
Item No. 1134.05.21
- 20 Thermoplastic Pavement Markings  
Item No. 1134.05.21
- 21 4" White - Chevron - Item No. 1134.03.21
- 24 4" Yellow - Multiuse Pathway  
Center Line 3' Length & 9' Gap, Item No. 1134.03.21
- 25 4" White - Stripe at 30' - Item No. 1134.03.21



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\SIGNING & PAVEMENT MARKING PLANS.DWG LAST SAVED: 6/27/2024 11:47 AM PRINTED: 6/27/2024 1:53 PM



# NOTES

- 01 Retain And Protect
  - 02 Remove Sign, Item No. 201.4.1.C.1
  - 03 Roadside Traffic Sign Installation, (One Metal Post, Item No. 1135.01.01)
  - 04 Relocate Roadside Sign, Item No. 1135.01.07
  - 05 Furnish Roadside Sign Face, Item No. 1135.01.05
1. Contractor Must Obliterate All Conflicting Pavement Markings Item SSP 11400.
  2. Street Name Sign Refer To ACHD Traffic Standards TS 1109.03 For Details.

# PAVEMENT MARKING LEGEND

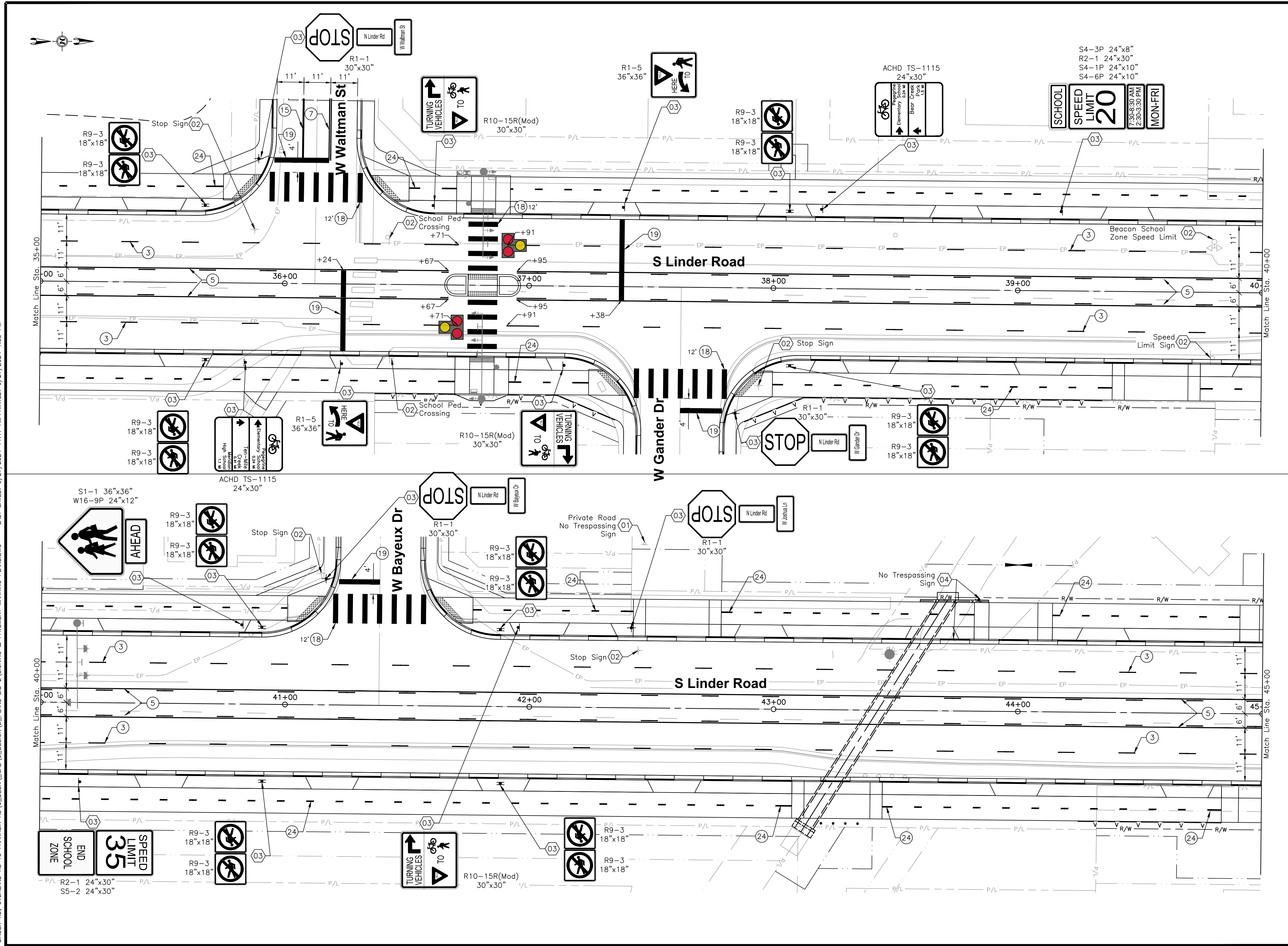
- 3 4" White - Lane Line  
7' Length & 18" Gap, Item No. 1134.03.03
- 4 4" White - Lane Line  
12' Length & 38" Gap, Item No. 1134.03.04
- 5 4" Yellow - 2 Way Lt. Turn  
7' Length & 18" Gap, Item No. 1134.03.05
- 7 4" Yellow - No Passing - 2  
Direction, Item No. 1134.03.07
- 8 4" Yellow - Striped Median,  
Item No. 1134.03.08
- 11 8" White - Lane Drop  
3' Length & 12" Gap, Item No. 1134.03.11
- 12 8" White - Bike Lane At Int.  
2' Length & 6" Gap, Item No. 1134.03.12
- 15 8" White - Channelizing\Bike  
Lane, Item No. 1134.03.15
- 16 4" Yellow - Left Edge\Divided  
Hwy, Item No. 1134.03.16
- 17 4" White - Right Edge, Item  
No. 1134.03.17
- 18 24" White - Cross Walk - Thermoplastic  
Item No. 1134.05.21
- 19 24" White - Stop Bar - Thermoplastic  
Item No. 1134.05.21
- 20 Thermoplastic Pavement Markings  
Item No. 1134.05.21
- 21 4" White - Chevron - Item  
No. 1134.03.21
- 24 4" Yellow - Multiuse Pathway  
Center Line 3' Length & 9'  
Gap, Item No. 1134.03.21
- 25 4" White - Stripe at 30' -  
Item No. 1134.03.21



Revisions: Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 01/2024 Survey By: A. Hafen Date: 09/2022



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_SIGNING & PAVEMENT MARKING PLANS.DWG LAST SAVED: 6/27/2024 11:47 AM PRINTED: 6/27/2024 1:53 PM



# NOTES

- 01 Retain And Protect
  - 02 Remove Sign, Item No. 201.4.1.C.1
  - 03 Roadside Traffic Sign Installation, (One Metal Post, Item No. 1135.01.01)
  - 04 Relocate Roadside Sign, Item No. 1135.01.07
1. Contractor Must Obliterate All Conflicting Pavement Markings Item SSP 11400.
  2. Street Name Sign Refer To ACHD Traffic Standards TS 1109.03 For Details.

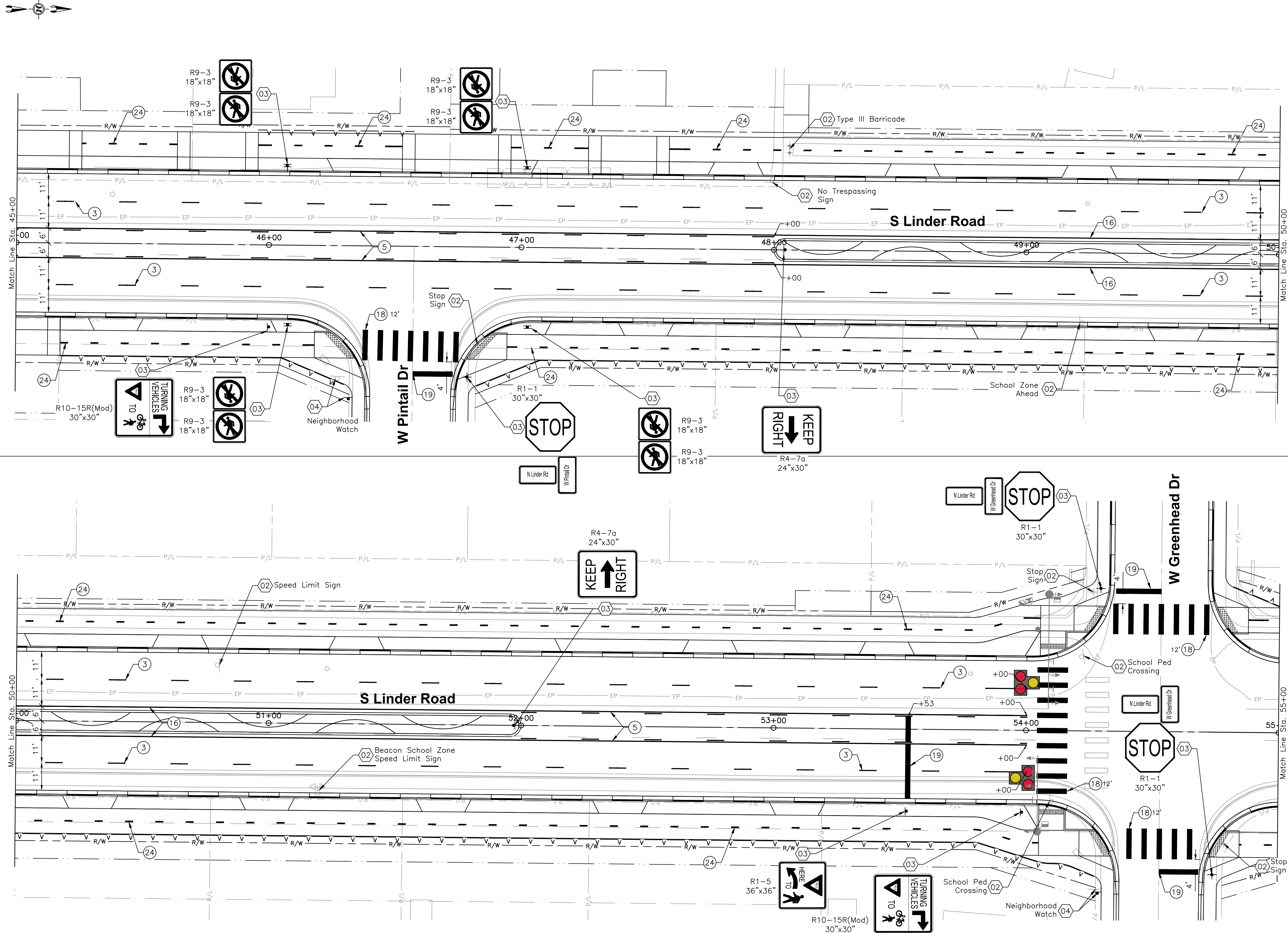
## PAVEMENT MARKING LEGEND

- 3 4" White - Lane Line  
7' Length & 18' Gap, Item No. 1134.03.03
- 4 4" White - Lane Line  
12' Length & 38' Gap, Item No. 1134.03.04
- 5 4" Yellow - 2 Way Lt. Turn  
7' Length & 18' Gap, Item No. 1134.03.05
- 7 4" Yellow - No Passing - 2  
Direction, Item No. 1134.03.07
- 8 4" Yellow - Striped Median,  
Item No. 1134.03.08
- 11 8" White - Lane Drop  
3' Length & 12' Gap, Item No. 1134.03.11
- 12 8" White - Bike Lane At Int.  
2' Length & 6' Gap, Item No. 1134.03.12
- 15 8" White - Channelizing\Bike  
Lane, Item No. 1134.03.15
- 16 4" Yellow - Left Edge\Divided  
Hwy, Item No. 1134.03.16
- 17 4" White - Right Edge, Item  
No. 1134.03.17
- 18 24" White - Cross Walk - Thermoplastic  
Item No. 1134.05.21
- 19 24" White - Stop Bar - Thermoplastic  
Item No. 1134.05.21
- 20 Thermoplastic Pavement Markings  
Item No. 1134.05.21
- 21 4" White - Chevron - Item  
No. 1134.03.21
- 24 4" Yellow - Multiuse Pathway  
Center Line 3' Length & 9'  
Gap, Item No. 1134.03.21
- 25 4" White - Stripe at 30' -  
Item No. 1134.03.21



Revisions: Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 01/2024 Survey By: A. Hafen Date: 09/2022

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\SIGNING & PAVEMENT MARKING PLANS.DWG LAST SAVED: 6/27/2024 11:47 AM PRINTED: 6/27/2024 1:53 PM



**NOTES**

- 01 Retain And Protect
  - 02 Remove Sign, Item No. 201.4.1.C.1
  - 03 Roadside Traffic Sign Installation, (One Metal Post, Item No. 1135.01.01)
  - 04 Relocate Roadside Sign, Item No. 1135.01.07
1. Contractor Must Obliterate All Conflicting Pavement Markings Item SSP 11400.
  2. Street Name Sign Refer To ACHD Traffic Standards TS 1109.03 For Details.

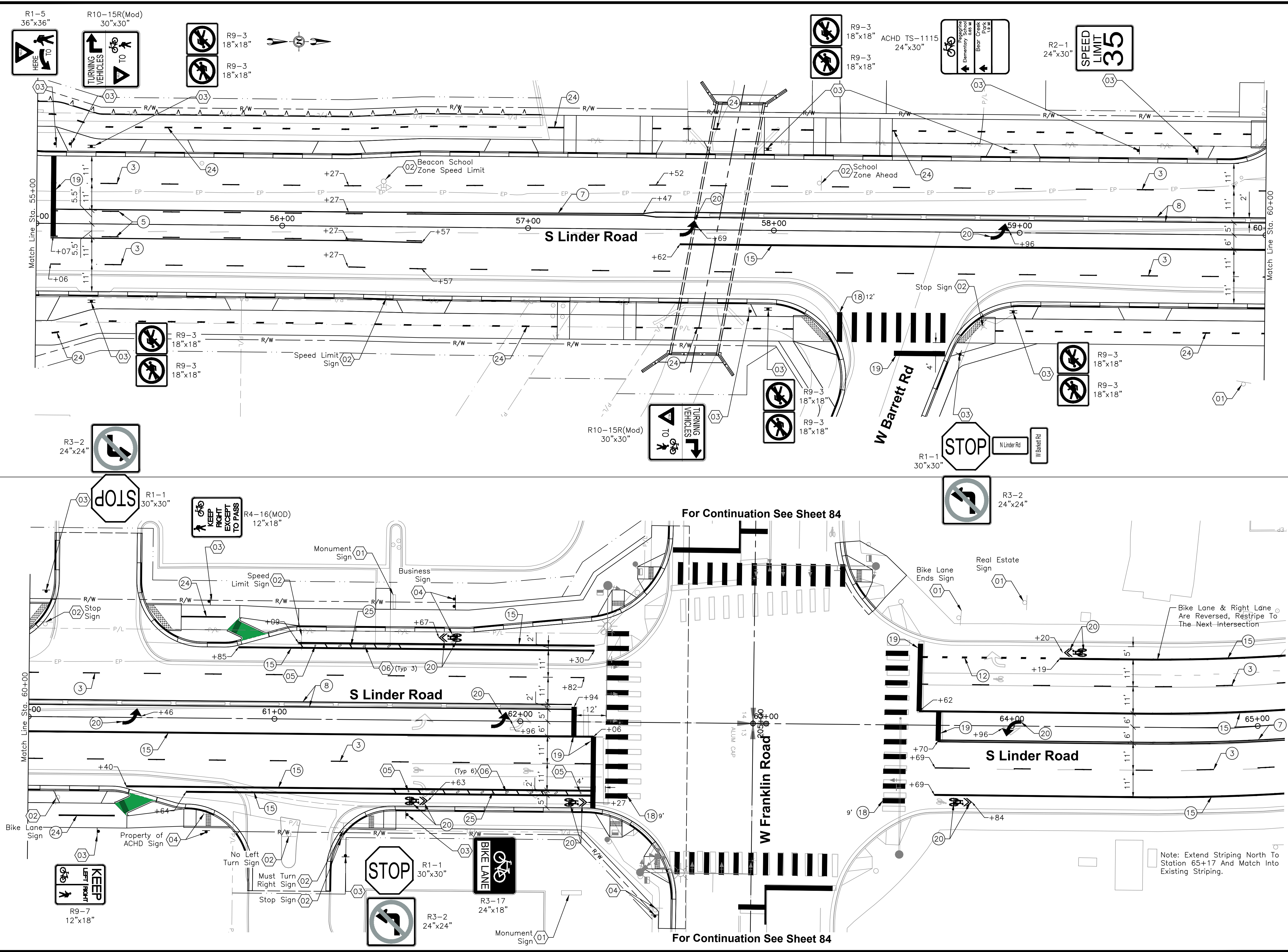
**PAVEMENT MARKING LEGEND**

3	4" White - Lane Line 7' Length & 18' Gap, Item No. 1134.03.03
4	4" White - Lane Line 12' Length & 38' Gap, Item No. 1134.03.04
5	4" Yellow - 2 Way Lt. Turn 7' Length & 18' Gap, Item No. 1134.03.05
7	4" Yellow - No Passing - 2 Direction, Item No. 1134.03.07
8	4" Yellow - Striped Median, Item No. 1134.03.08
11	8" White - Lane Drop 3' Length & 12' Gap, Item No. 1134.03.11
12	8" White - Bike Lane At Int. 2' Length & 6' Gap, Item No. 1134.03.12
15	8" White - Channelizing\Bike Lane, Item No. 1134.03.15
16	4" Yellow - Left Edge\Divided Hwy, Item No. 1134.03.16
17	4" White - Right Edge, Item No. 1134.03.17
18	24" White - Cross Walk - Thermoplastic Item No. 1134.05.21
19	24" White - Stop Bar - Thermoplastic Item No. 1134.05.21
20	Thermoplastic Pavement Markings Item No. 1134.05.21
21	4" White - Chevron - Item No. 1134.03.21
24	4" Yellow - Multiuse Pathway Center Line 3' Length & 9' Gap, Item No. 1134.03.21
25	4" White - Stripe at 30' - Item No. 1134.03.21



Revisions: Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 01/2024 Survey By: A. Hafen Date: 09/2022

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\CAD\3\_SIGNING & PAVEMENT MARKING PLANS.DWG LAST SAVED: 6/27/2024 11:47 AM PRINTED: 6/27/2024 1:53 PM



- 01 Retain And Protect
  - 02 Remove Sign, Item No. 201.4.1.C.1
  - 03 Roadside Traffic Sign Installation, (One Metal Post, Item No. 1135.01.01)
  - 04 Relocate Roadside Sign, Item No. 1135.01.07
  - 05 Vertical Delineator For Bike Lane, Item No. \_\_\_\_\_
  - 06 Bike Lane Separator - Zicla Zebra 13 or Equal, Item No. \_\_\_\_\_
1. Contractor Must Obliterate All Conflicting Pavement Markings Item SSP 11400.  
 2. Street Name Sign Refer To ACHD Traffic Standards TS 1109.03 For Details.

## PAVEMENT MARKING LEGEND

- 3 4" White - Lane Line  
7' Length & 18' Gap, Item No. 1134.03.03
- 4 4" White - Lane Line  
12' Length & 38' Gap, Item No. 1134.03.04
- 5 4" Yellow - 2 Way Lt. Turn  
7' Length & 18' Gap, Item No. 1134.03.05
- 7 4" Yellow - No Passing - 2  
Direction, Item No. 1134.03.07
- 8 4" Yellow - Striped Median,  
Item No. 1134.03.08
- 11 8" White - Lane Drop  
3' Length & 12' Gap, Item No. 1134.03.11
- 12 8" White - Bike Lane At Int.  
2' Length & 6' Gap, Item No. 1134.03.12
- 15 8" White - Channelizing\Bike  
Lane, Item No. 1134.03.15
- 16 4" Yellow - Left Edge\Divided  
Hwy, Item No. 1134.03.16
- 17 4" White - Right Edge, Item  
No. 1134.03.17
- 18 24" White - Cross Walk - Thermoplastic  
Item No. 1134.05.21
- 19 24" White - Stop Bar - Thermoplastic  
Item No. 1134.05.21
- 20 Thermoplastic Pavement Markings  
Item No. 1134.05.21
- 21 4" White - Chevron - Item  
No. 1134.03.21
- 24 4" Yellow - Multiuse Pathway  
Center Line 3' Length & 9'  
Gap, Item No. 1134.03.21
- 25 4" White - Stripe at 30' -  
Item No. 1134.03.21

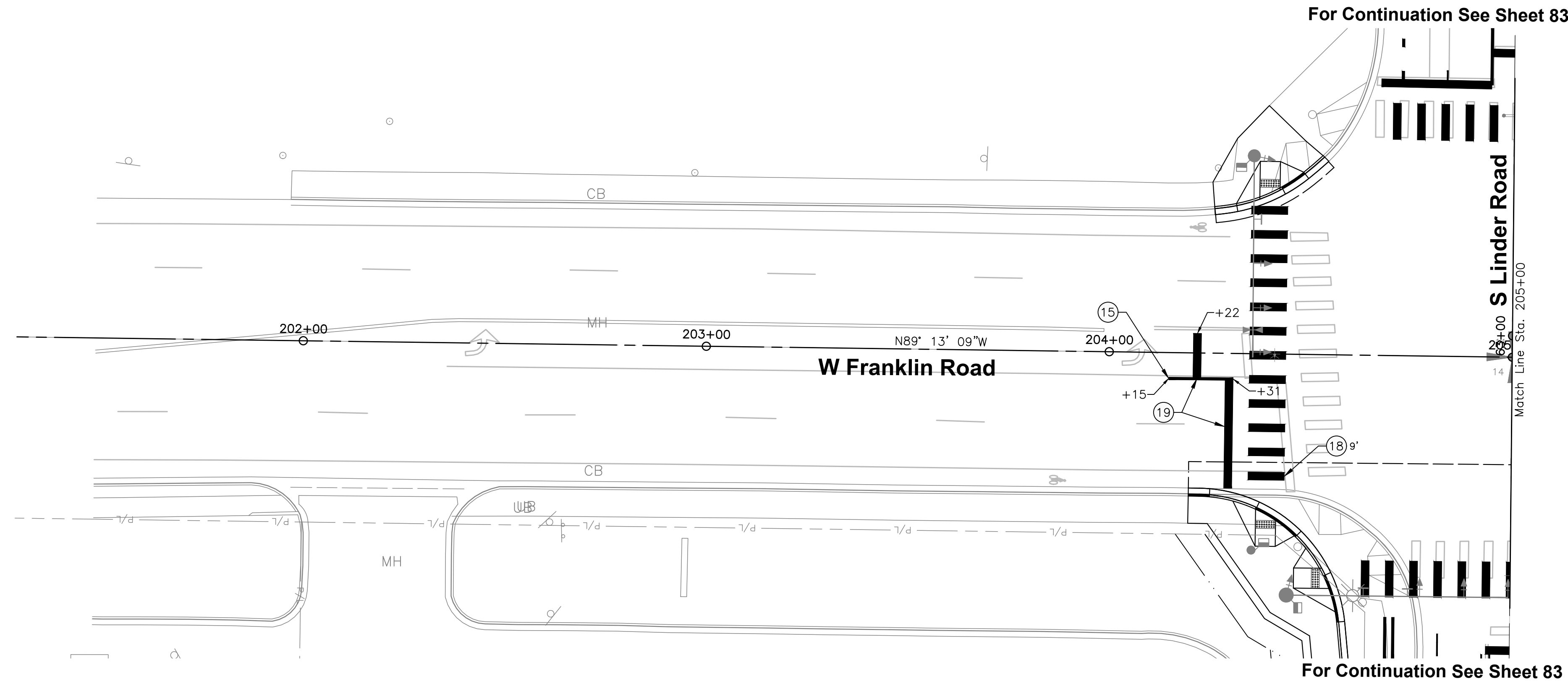
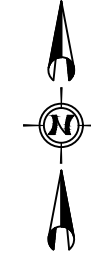


Note: Extend Striping North To Station 65+17 And Match Into Existing Striping.



Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 01/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	---------------	---------------------	---------------

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\SIGNING & PAVEMENT MARKING PLANS.DWG LAST SAVED: 6/27/2024 11:47 AM PRINTED: 6/27/2024 1:53 PM



For Continuation See Sheet 83

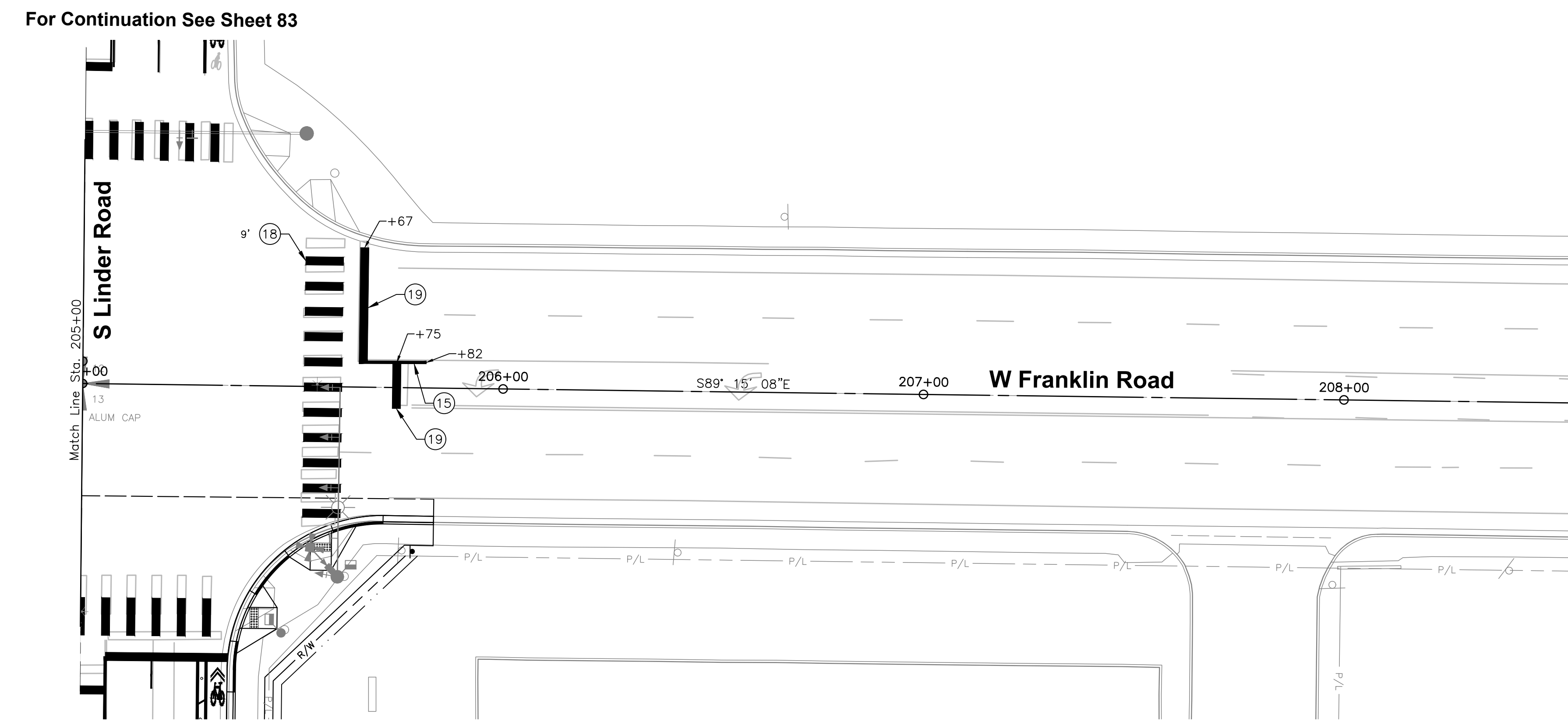
For Continuation See Sheet 83

**NOTES**

- 01 Retain And Protect
  - 02 Remove Sign, Item No. 201.4.1.C.1
  - 03 Roadside Traffic Sign Installation, (One Metal Post, Item No. 1135.01.01)
  - 04 Relocate Roadside Sign, Item No. 1135.01.07
1. Contractor Must Obliterate All Conflicting Pavement Markings Item SSP 11400.
  2. Street Name Sign Refer To ACHD Traffic Standards TS 1109.03 For Details.

**PAVEMENT MARKING LEGEND**

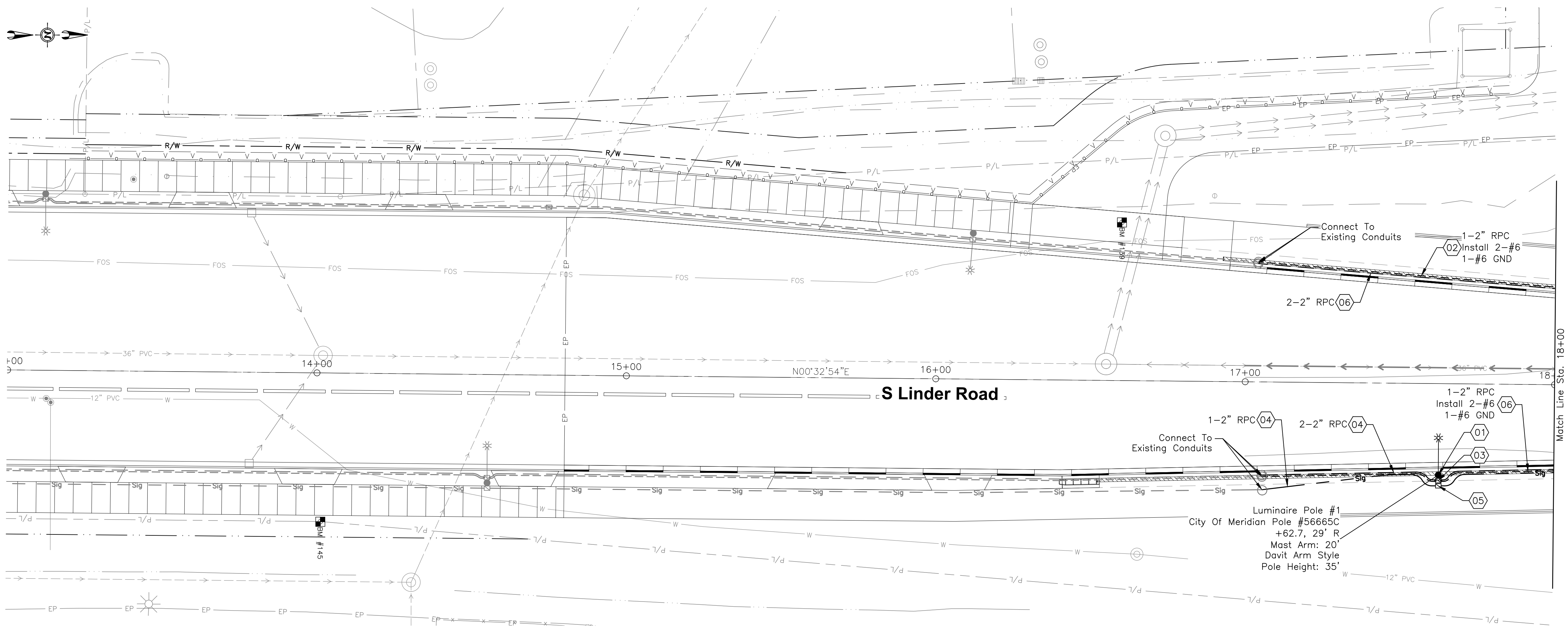
- 3 4" White - Lane Line  
7' Length & 18' Gap, Item No. 1134.03.03
- 4 4" White - Lane Line  
12' Length & 38' Gap, Item No. 1134.03.04
- 5 4" Yellow - 2 Way Lt. Turn  
7' Length & 18' Gap, Item No. 1134.03.05
- 7 4" Yellow - No Passing - 2 Direction, Item No. 1134.03.07
- 8 4" Yellow - Striped Median, Item No. 1134.03.08
- 11 8" White - Lane Drop  
3' Length & 12' Gap, Item No. 1134.03.11
- 12 8" White - Bike Lane At Int.  
2' Length & 6' Gap, Item No. 1134.03.12
- 15 8" White - Channelizing\Bike Lane, Item No. 1134.03.15
- 16 4" Yellow - Left Edge\Divided Hwy, Item No. 1134.03.16
- 17 4" White - Right Edge, Item No. 1134.03.17
- 18 24" White - Cross Walk - Thermoplastic  
Item No. 1134.05.21
- 19 24" White - Stop Bar - Thermoplastic  
Item No. 1134.05.21
- 20 Thermoplastic Pavement Markings  
Item No. 1134.05.21
- 21 4" White - Chevron - Item No. 1134.03.21
- 24 4" Yellow - Multiuse Pathway  
Center Line 3' Length & 9' Gap, Item No. 1134.03.21
- 25 4" White - Stripe at 30" - Item No. 1134.03.21



For Continuation See Sheet 83

For Continuation See Sheet 83

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\3\_DESIGN\PLANS BID 2\ILLUMINATION & SIGNAL PLANS.DWG LAST SAVED: 6/26/2024 5:14 PM PRINTED: 6/27/2024 1:54 PM

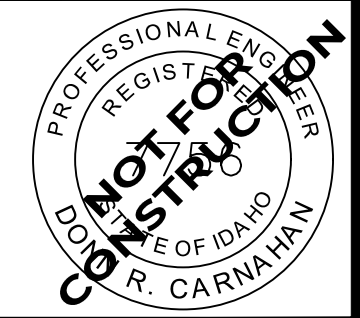


## NOTES

- All Locations Of The Lighting Poles Shall Be Field Verified By ACHD Prior To Installation.
  - It Is Not The Intent Of These Plans To Show The Exact Location Of Underground, Overhead Utilities, And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With Their Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractor's Expense. Call Digline 48 Hours Prior To Excavation To Request Underground Utility Locations.
  - Lighting Plan Designed With Leotek Model No. GCM#-60J-MV-40K-3R-BK-PCR7 124W LED Fixtures.
- 01 Install Streetlight, Item 1131.01.06
  - 02 Install Street Lighting Conduit, With Cabling Indicated, Item 1131.01.07
  - 03 Install Street Lighting Junction Box, S-40T/ADA, Item 1131.01.08
  - 04 Install City Of Meridian Future Fiber Conduit (2"), Item 1102.4.1.E.1.2
  - 05 Install City Of Meridian Future Junction Box, S-40T/ADA, Item 1102.4.1.F.1.B
  - 06 Install Traffic Signal Interconnect Conduit (Trench), With Locate Wire, Item 1131.01.02.B

## LEGEND

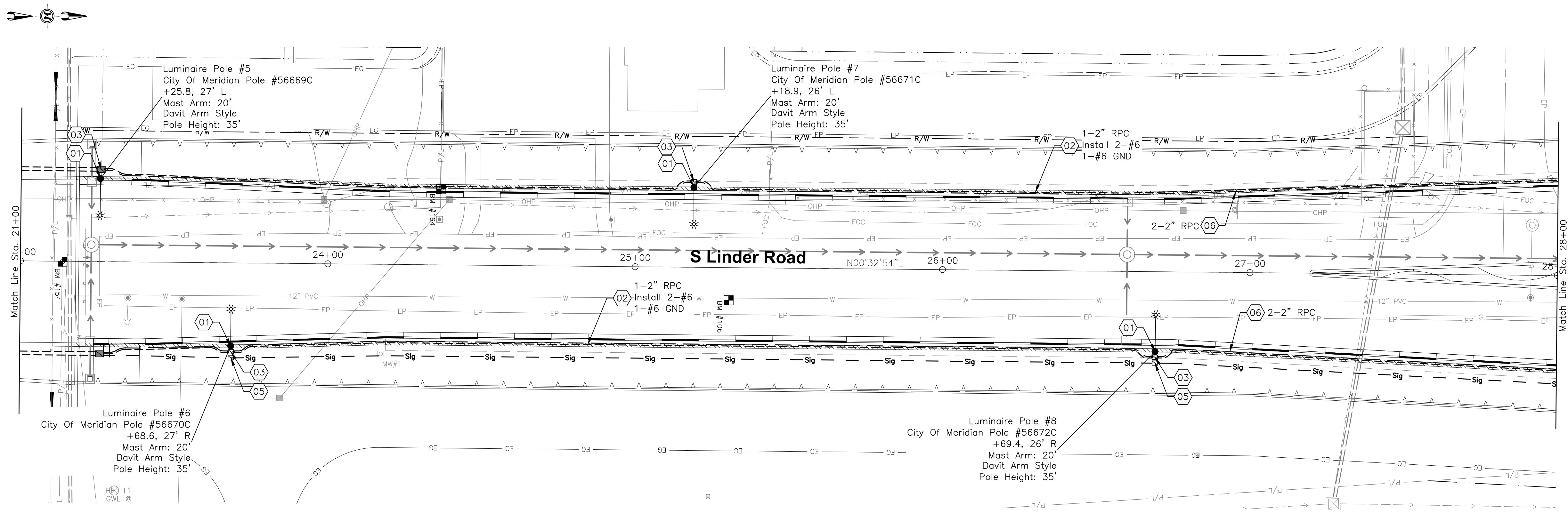
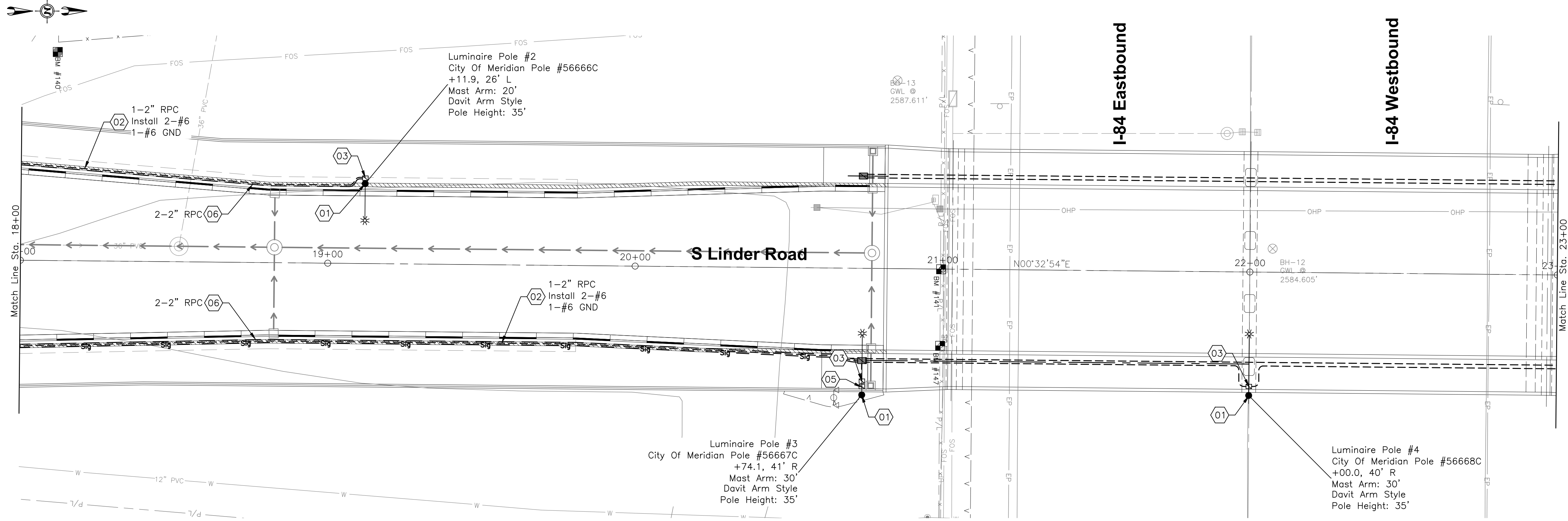
- Service Pedestal
- S-40T/ADA Junction Box
- S-45T/ADA Junction Box with Riser
- - - Sig - City Of Meridian Fiber Conduit
- Interconnect Conduit
- - - Illumination Conduit
- Power Pole
- \* Luminaire Pole
- 1 Project Note Number
- 02 Bid Item Note Number
- ☒ Signal Cabinet



Digital Signature

Revisions: Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 1/2024 Survey By: A. Hafen Date: 09/2022

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\CAD\3\_DESIGN\PLANS BID 2\ILLUMINATION & SIGNAL PLANS.DWG LAST SAVED: 6/26/2024 5:14 PM PRINTED: 6/27/2024 1:54 PM



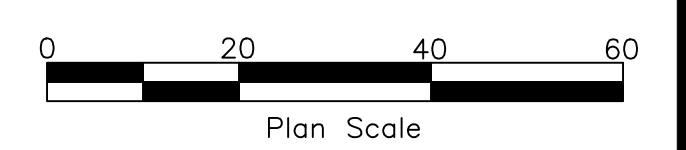
## NOTES

- All Locations Of The Lighting Poles Shall Be Field Verified By ACHD Prior To Installation.
- It Is Not The Intent Of These Plans To Show The Exact Location Of Underground, Overhead Utilities, And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With Their Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractor's Expense. Call Digline 48 Hours Prior To Excavation To Request Underground Utility Locations.
- Lighting Plan Designed With Leotek Model No. GCM#-60J-MV-40K-3R-BK-PCR7 124W LED Fixtures.

- 01 Install Streetlight, Item 1131.01.06
- 02 Install Street Lighting Conduit, With Cabling Indicated, Item 1131.01.07
- 03 Install Street Lighting Junction Box, S-40T/ADA, Item 1131.01.08
- 04 Install City Of Meridian Future Fiber Conduit (2"), Item 1102.4.1.E.1.2
- 05 Install City Of Meridian Future Junction Box, S-40T/ADA, Item 1102.4.1.F.1.B
- 06 Install Traffic Signal Interconnect Conduit (Trench), With Locate Wire, Item 1131.01.02.B

## LEGEND

- Service Pedestal
- S-40T/ADA Junction Box
- S-45T/ADA Junction Box with Riser
- - - Sig - City Of Meridian Fiber Conduit
- Interconnect Conduit
- Illumination Conduit
- Power Pole
- \* Luminaire Pole
- 1 Project Note Number
- 92 Bid Item Note Number
- Signal Cabinet

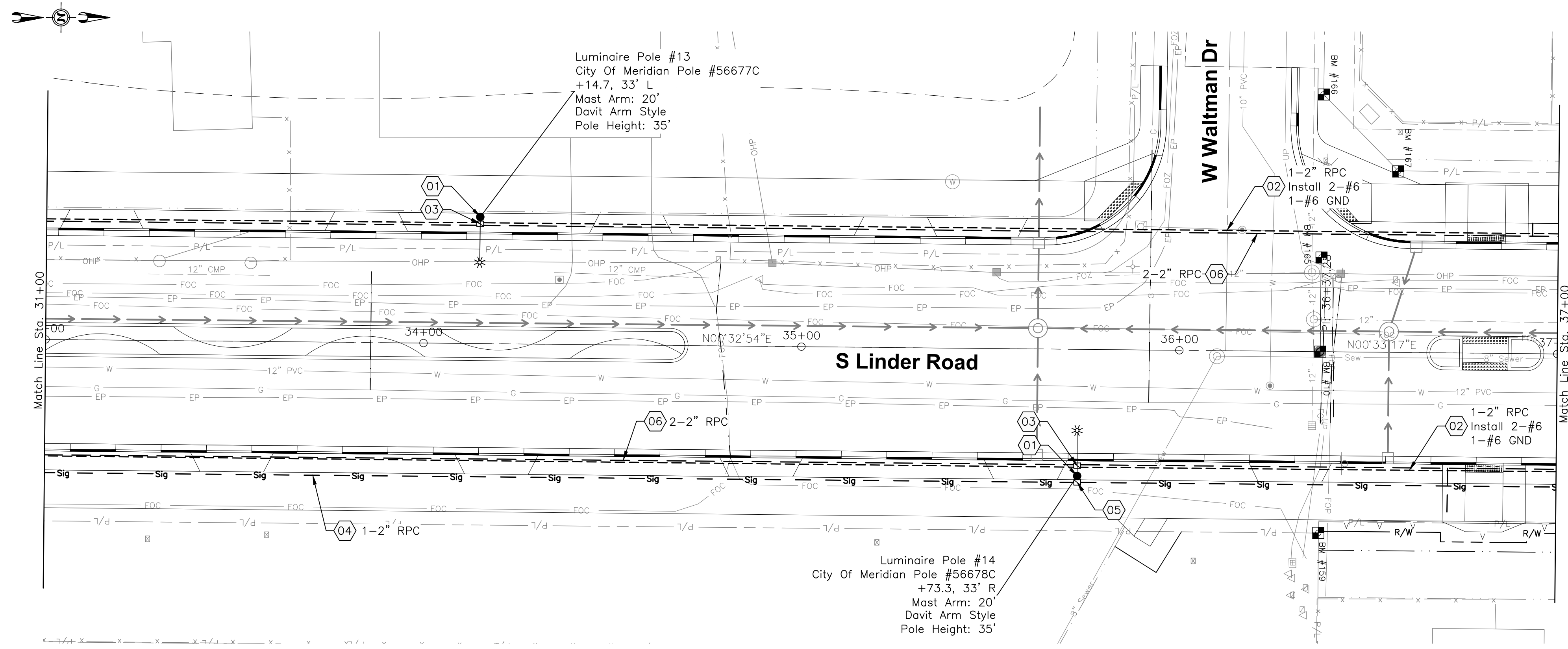
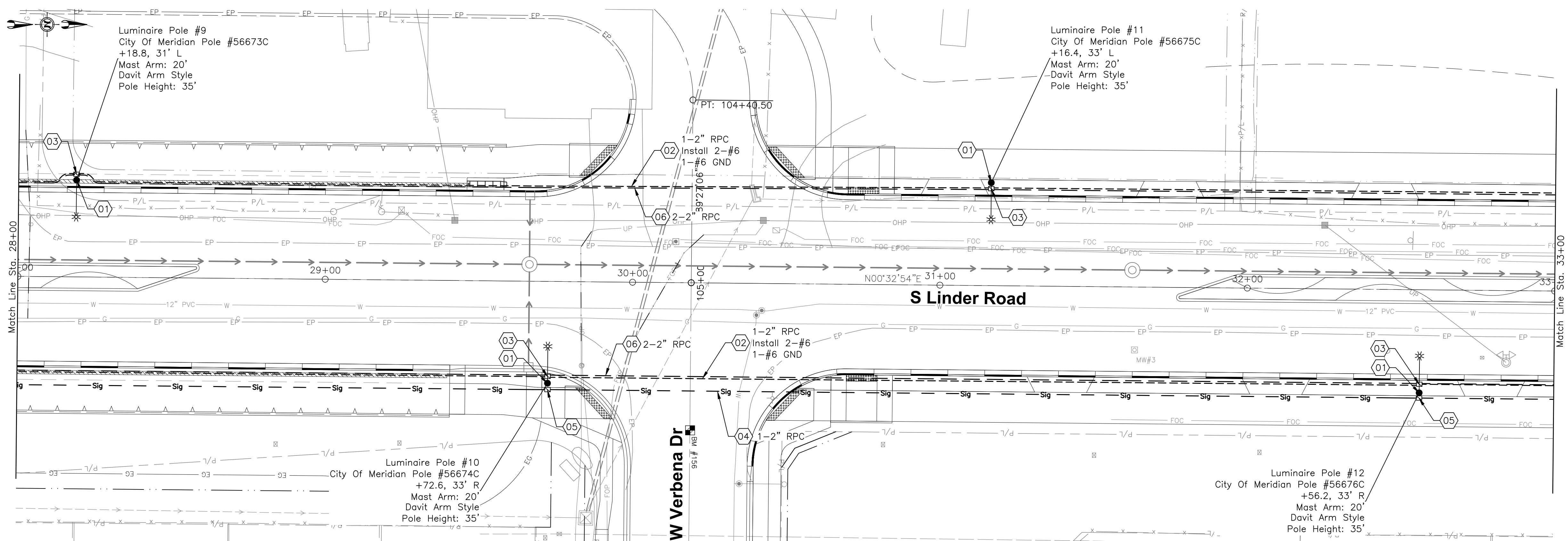


Digital Signature

PROFESSIONAL ENGINEER  
REGISTERED  
NOT FOR CONSTRUCTION  
STATE OF IDAHO  
R. CARNAHAN

Revisions: Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 1/2024 Survey By: A. Hafen Date: 09/2022

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESIGN\CAD\_3\_DESIGN\PLANS BID 2\ILLUMINATION & SIGNAL PLANS.DWG LAST SAVED: 6/26/2024 5:14 PM PRINTED: 6/27/2024 1:55 PM

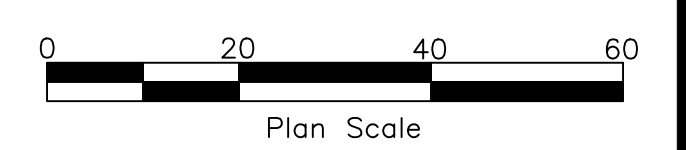


## NOTES

1. All Locations Of The Lighting Poles Shall Be Field Verified By ACHD Prior To Installation.
  2. It Is Not The Intent Of These Plans To Show The Exact Location Of Underground, Overhead Utilities, And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With Their Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractor's Expense. Call Digline 48 Hours Prior To Excavation To Request Underground Utility Locations.
  3. Lighting Plan Designed With Leotek Model No. GCM#-60J-MV-40K-3R-BK-PCR7 124W LED Fixtures.
- 01 Install Streetlight, Item 1131.01.06
  - 02 Install Street Lighting Conduit, With Cabling Indicated, Item 1131.01.07
  - 03 Install Street Lighting Junction Box, S-40T/ADA, Item 1131.01.08
  - 04 Install City Of Meridian Future Fiber Conduit (2"), Item 1102.4.1.E.1.2
  - 05 Install City Of Meridian Future Junction Box, S-40T/ADA, Item 1102.4.1.F.1.B
  - 06 Install Traffic Signal Interconnect Conduit (Trench), With Locate Wire, Item 1131.01.02.B

## LEGEND

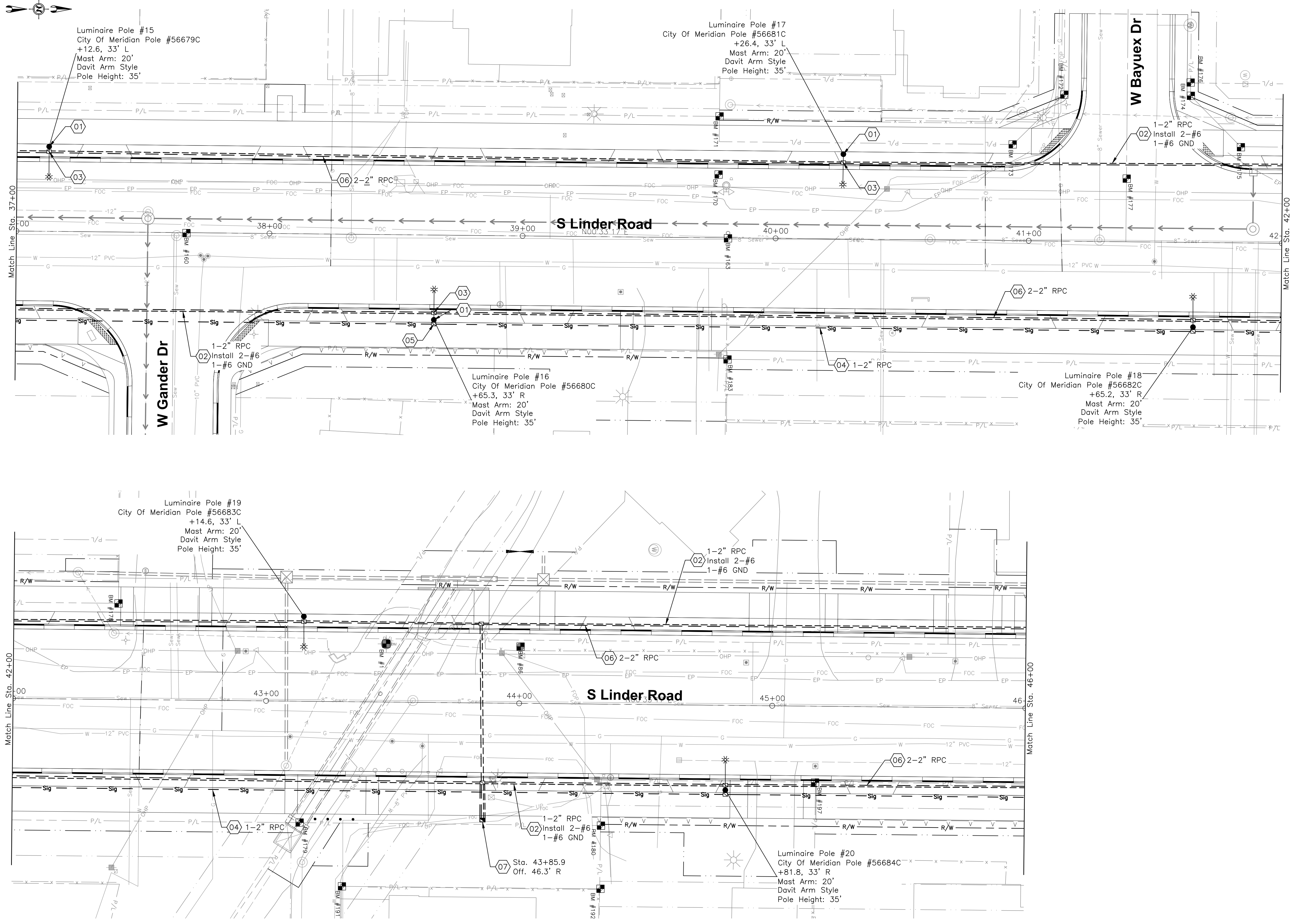
- Service Pedestal
- S-40T/ADA Junction Box
- S-45T/ADA Junction Box with Riser
- City Of Meridian Fiber Conduit
- Interconnect Conduit
- Illumination Conduit
- Power Pole
- Luminaire Pole
- Project Note Number
- Bid Item Note Number
- Signal Cabinet



Digital Signature

Revisions: \_\_\_\_\_ Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 1/2024 Survey By: A. Hafen Date: 09/2022

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\CAD\3\_DESIGN\PLANS BID 2\ILLUMINATION & SIGNAL PLANS\DWG LAST SAVED: 6/27/2024 5:14 PM PRINTED: 6/27/2024 1:55 PM



# NOTES

- All Locations Of The Lighting Poles Shall Be Field Verified By ACHD Prior To Installation.
- It Is Not The Intent Of These Plans To Show The Exact Location Of Underground, Overhead Utilities, And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With Their Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractor's Expense. Call Digline 48 Hours Prior To Excavation To Request Underground Utility Locations.
- Lighting Plan Designed With Leotek Model No. GCM#-60J-MV-40K-3R-BK-PCR7 124W LED Fixtures.

- 01 Install Streetlight, Item 1131.01.06
- 02 Install Street Lighting Conduit, With Cabling Indicated, Item 1131.01.07
- 03 Install Street Lighting Junction Box, S-40T/ADA, Item 1131.01.08
- 04 Install City Of Meridian Future Fiber Conduit (2"), Item 1102.4.1.E.1.2
- 05 Install City Of Meridian Future Junction Box, S-40T/ADA, Item 1102.4.1.F.1.B
- 06 Install Traffic Signal Interconnect Conduit (Trench), With Locate Wire, Item 1131.01.02.B
- 07 Install Service Pedestal, Item 1102.4.1.G.1

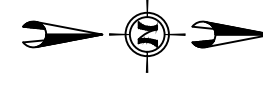
# LEGEND

- Service Pedestal
- S-40T/ADA Junction Box
- S-45T/ADA Junction Box with Riser
- City Of Meridian Fiber Conduit
- Interconnect Conduit
- Illumination Conduit
- Power Pole
- Luminaire Pole
- Project Note Number
- Bid Item Note Number
- Signal Cabinet



Digital Signature





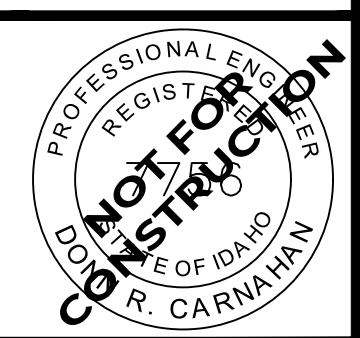
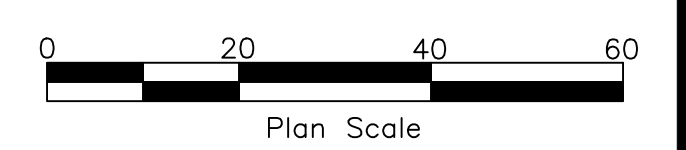
# NOTES

- All Locations Of The Lighting Poles Shall Be Verified By ACHD Prior To Installation.
- It Is Not The Intent Of These Plans To Show The Exact Location Of Underground, Overhead Utilities, And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With Their Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractor's Expense. Call Digline 48 Hours Prior To Excavation To Request Underground Utility Locations.
- Lighting Plan Designed With Leotec Model No. GCM#-60J-MV-40K-3R-BK-PCR7 124W LED Fixtures.

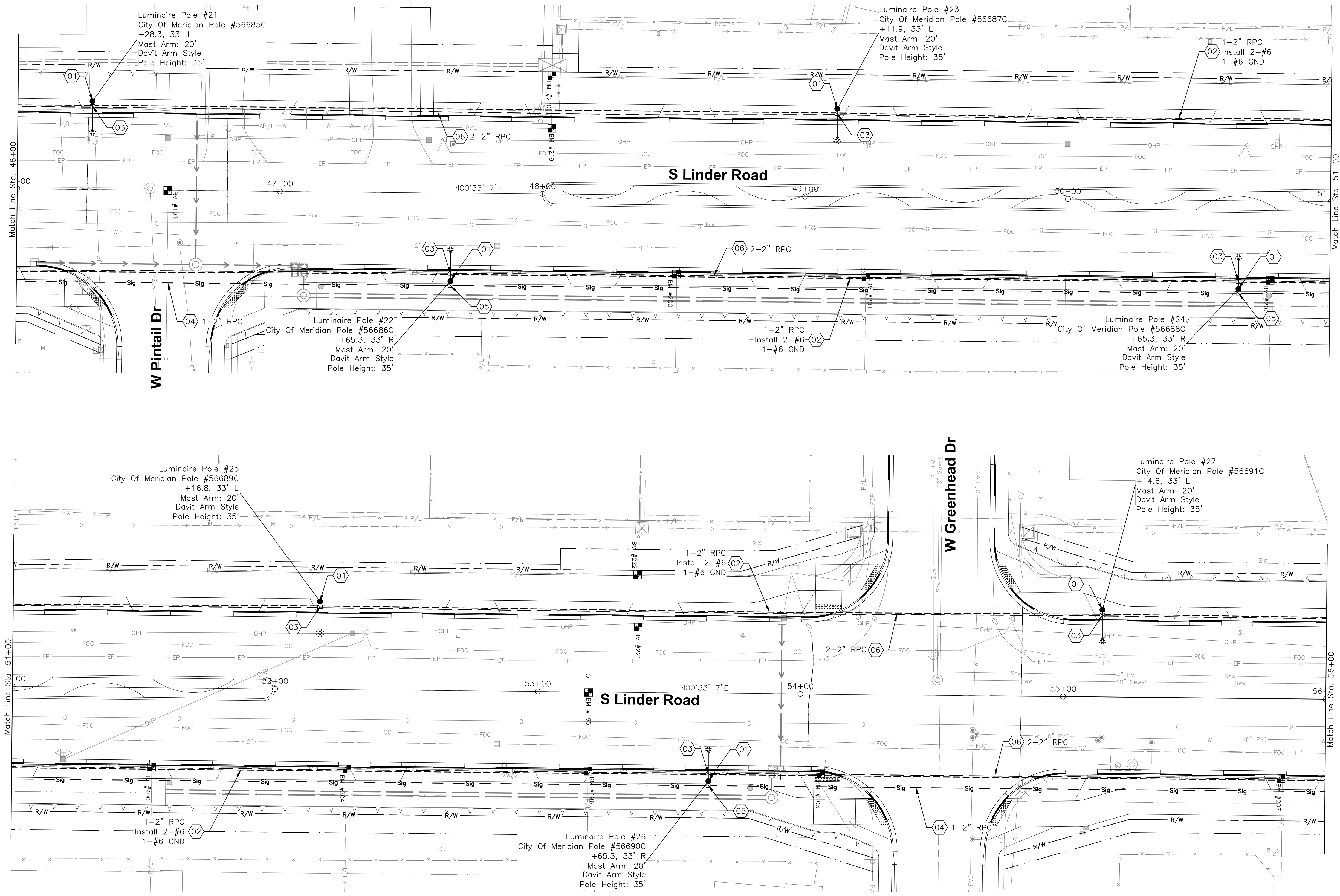
- 01 Install Streetlight, Item 1131.01.06
- 02 Install Street Lighting Conduit, With Cabling Indicated, Item 1131.01.07
- 03 Install Street Lighting Junction Box, S-40T/ADA, Item 1131.01.08
- 04 Install City Of Meridian Future Fiber Conduit (2"), Item 1102.4.1.E.1.2
- 05 Install City Of Meridian Future Junction Box, S-40T/ADA, Item 1102.4.1.F.1.B
- 06 Install Traffic Signal Interconnect Conduit (Trench), With Locate Wire, Item 1131.01.02.B

# LEGEND

- Service Pedestal
- S-40T/ADA Junction Box
- S-45T/ADA Junction Box with Riser
- City Of Meridian Fiber Conduit
- Interconnect Conduit
- Illumination Conduit
- Power Pole
- Luminaire Pole
- Project Note Number
- Bid Item Note Number
- Signal Cabinet



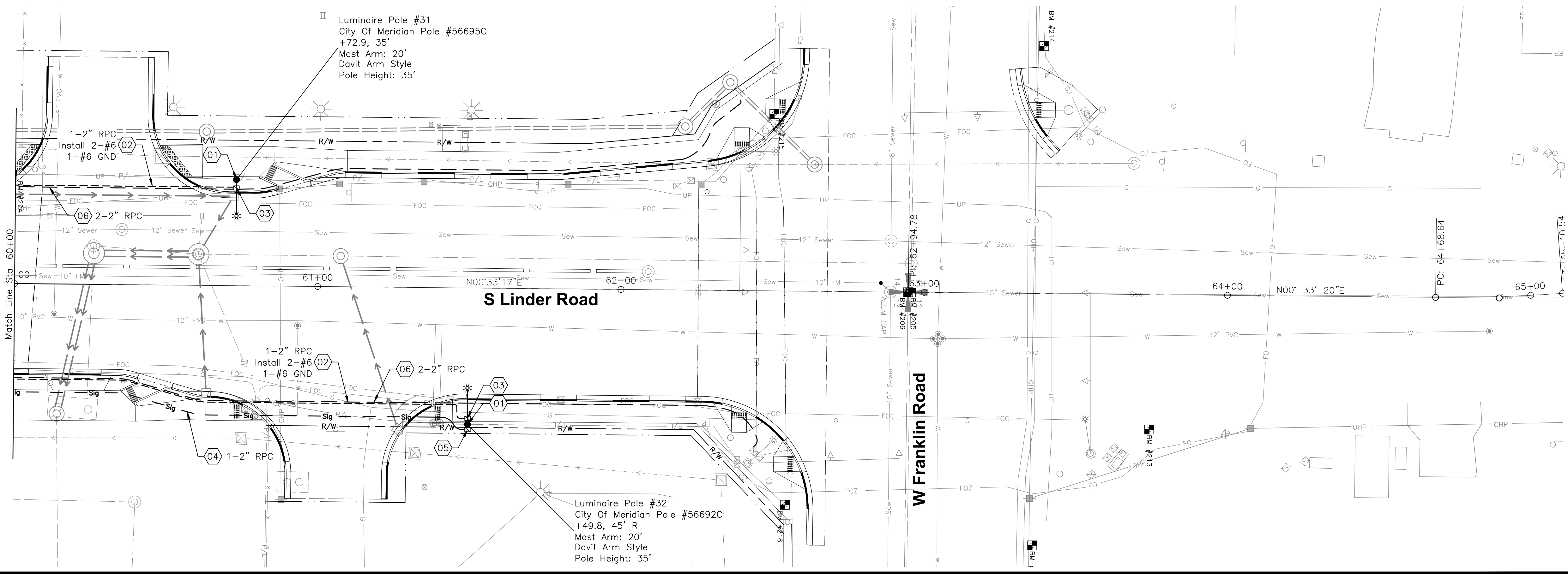
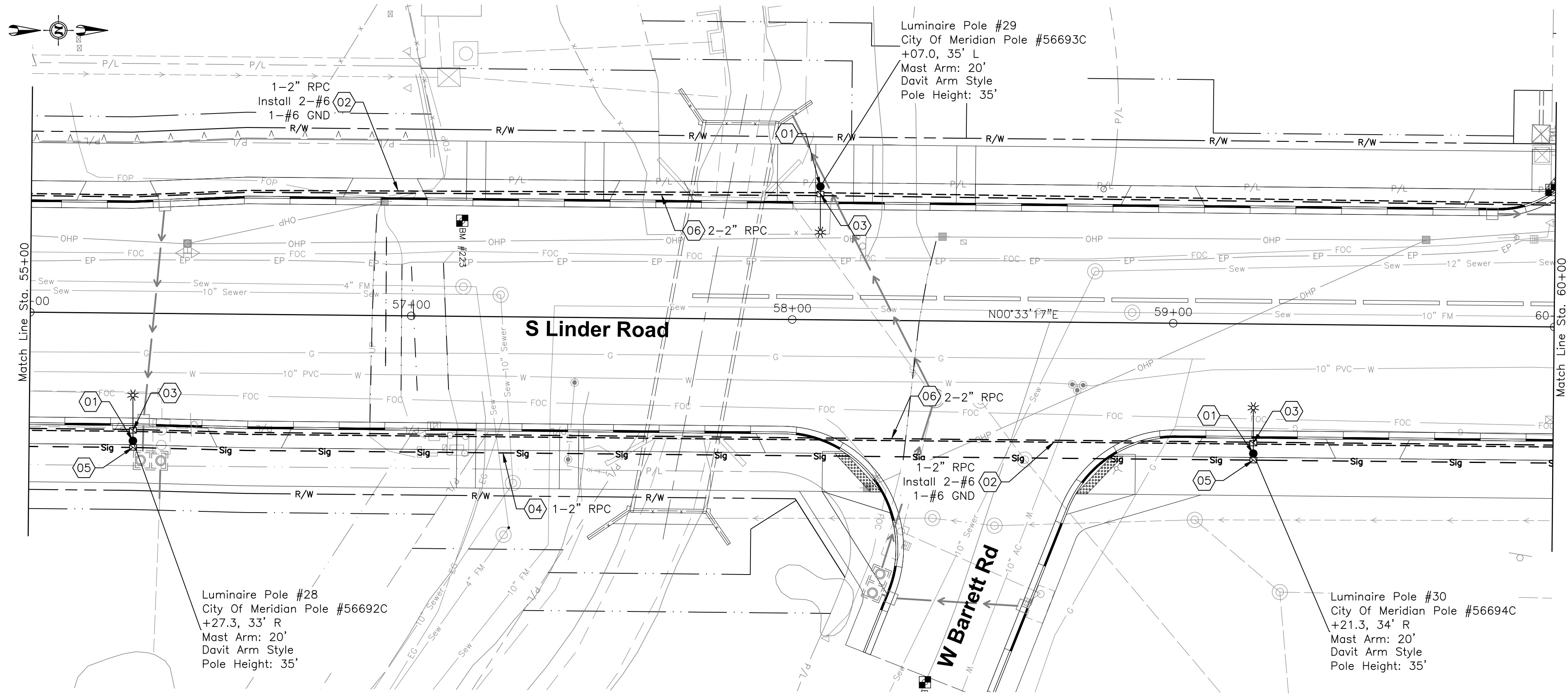
Digital Signature



J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\CAD\_3\_DESIGN\PLANS BID 2\ILLUMINATION & SIGNAL PLANS.DWG LAST SAVED: 6/27/2024 5:14 PM PRINTED: 6/27/2024 1:56 PM

Revisions:	Design By: J. Thornton	Date: 1/2024	Drawn By: A. Corley	Date: 1/2024	Survey By: A. Hafen	Date: 09/2022
------------	------------------------	--------------	---------------------	--------------	---------------------	---------------

J:\222104 LINDER RD, OVERLAND RD TO FRANKLIN RD\C\_DESN\PLANS BID 2\ILLUMINATION & SIGNAL PLANS.DWG LAST SAVED: 6/26/2024 5:14 PM PRINTED: 6/27/2024 1:56 PM



## NOTES

- All Locations Of The Lighting Poles Shall Be Field Verified By ACHD Prior To Installation.
- It Is Not The Intent Of These Plans To Show The Exact Location Of Underground, Overhead Utilities, And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With Their Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractor's Expense. Call Digline 48 Hours Prior To Excavation To Request Underground Utility Locations.
- Lighting Plan Designed With Leotek Model No. GCM#-60J-MV-40K-3R-BK-PCR7 124W LED Fixtures.

- 01 Install Streetlight, Item 1131.01.06
- 02 Install Street Lighting Conduit, With Cabling Indicated, Item 1131.01.07
- 03 Install Street Lighting Junction Box, S-40T/ADA, Item 1131.01.08
- 04 Install City Of Meridian Future Fiber Conduit (2"), Item 1102.4.1.E.1.2
- 05 Install City Of Meridian Future Junction Box, S-40T/ADA, Item 1102.4.1.F.1.B
- 06 Install Traffic Signal Interconnect Conduit (Trench), With Locate Wire, Item 1131.01.02.B

## LEGEND

- Service Pedestal
- S-40T/ADA Junction Box
- S-45T/ADA Junction Box with Riser
- Sig --- City Of Meridian Fiber Conduit
- Interconnect Conduit
- Illumination Conduit
- Power Pole
- ☼ Luminaire Pole
- 1 Project Note Number
- 02 Bid Item Note Number
- ☒ Signal Cabinet

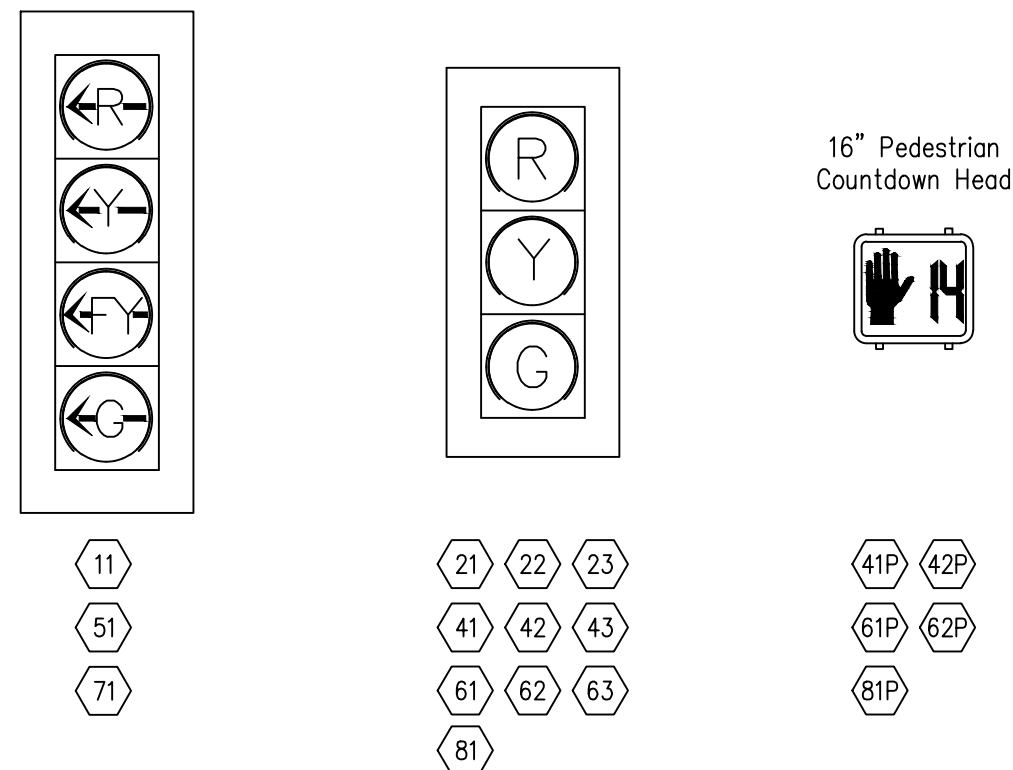


Digital Signature

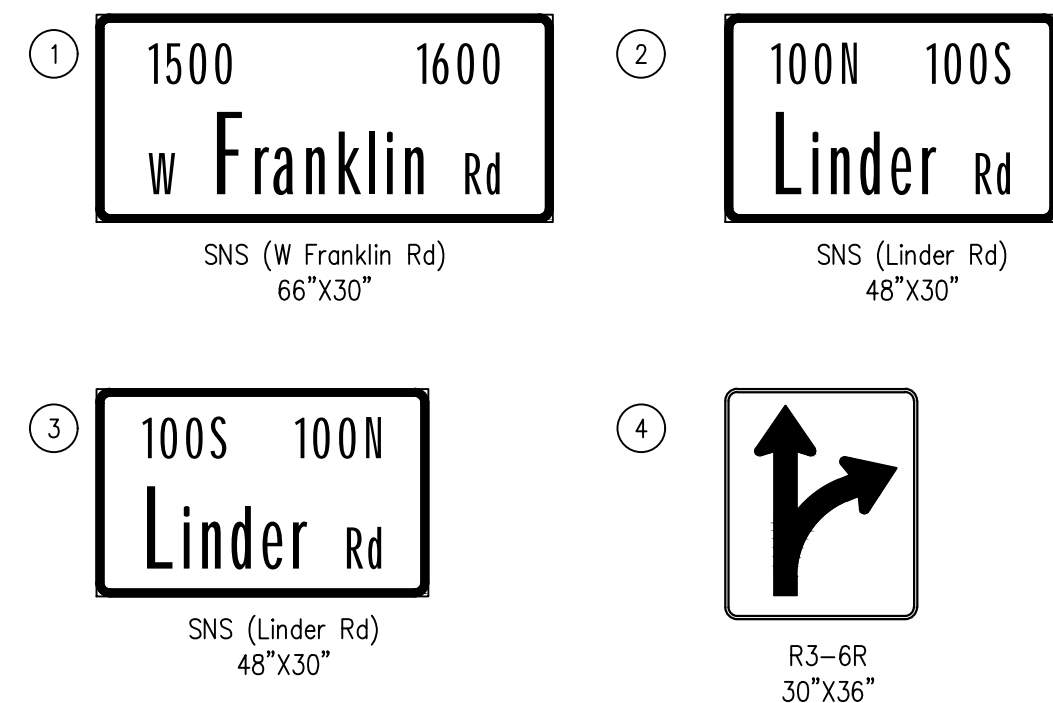
PROFESSIONAL ENGINEER  
REGISTERED IN THE STATE OF IDAHO  
CARNAHAN  
DO NOT FOR CONSTRUCTION

Revisions: Design By: J. Thornton Date: 1/2024 Drawn By: A. Corley Date: 1/2024 Survey By: A. Hafen Date: 09/2022

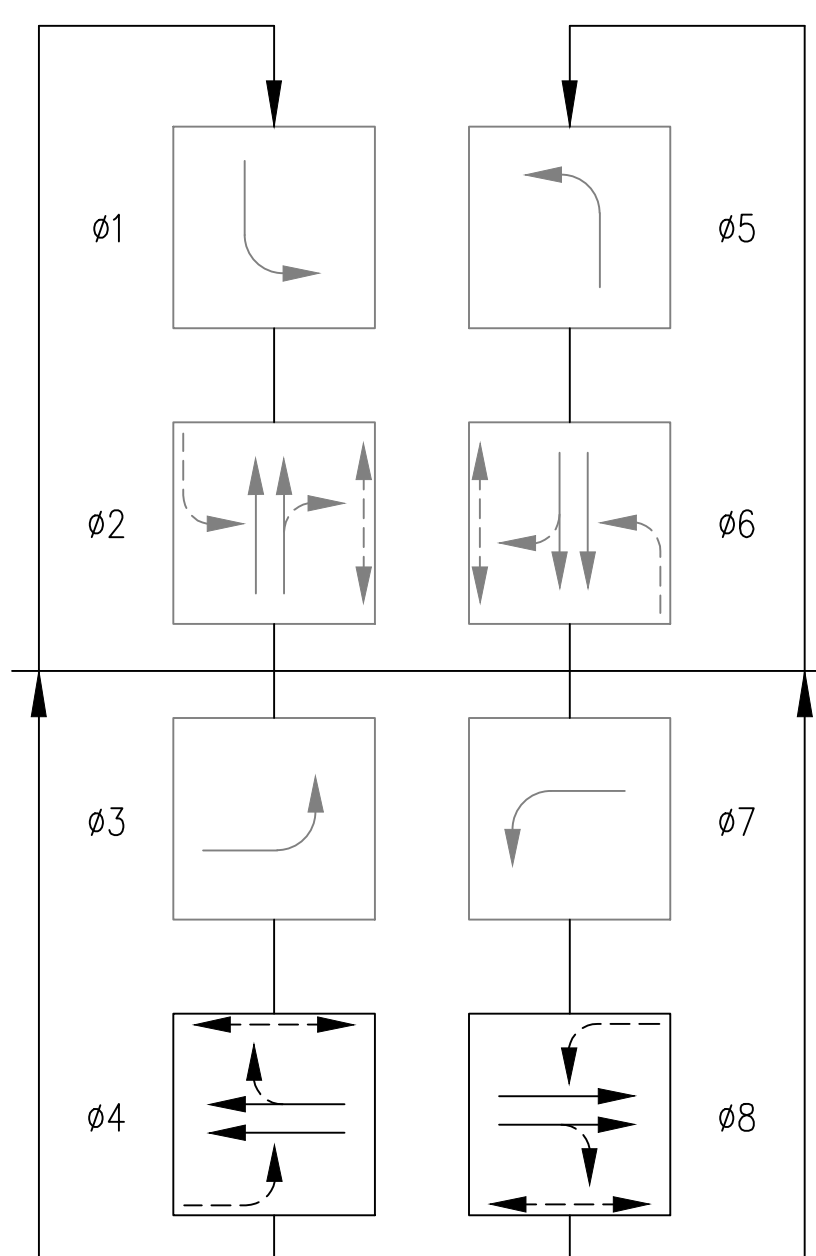
**SIGNAL HEAD SCHEDULE**



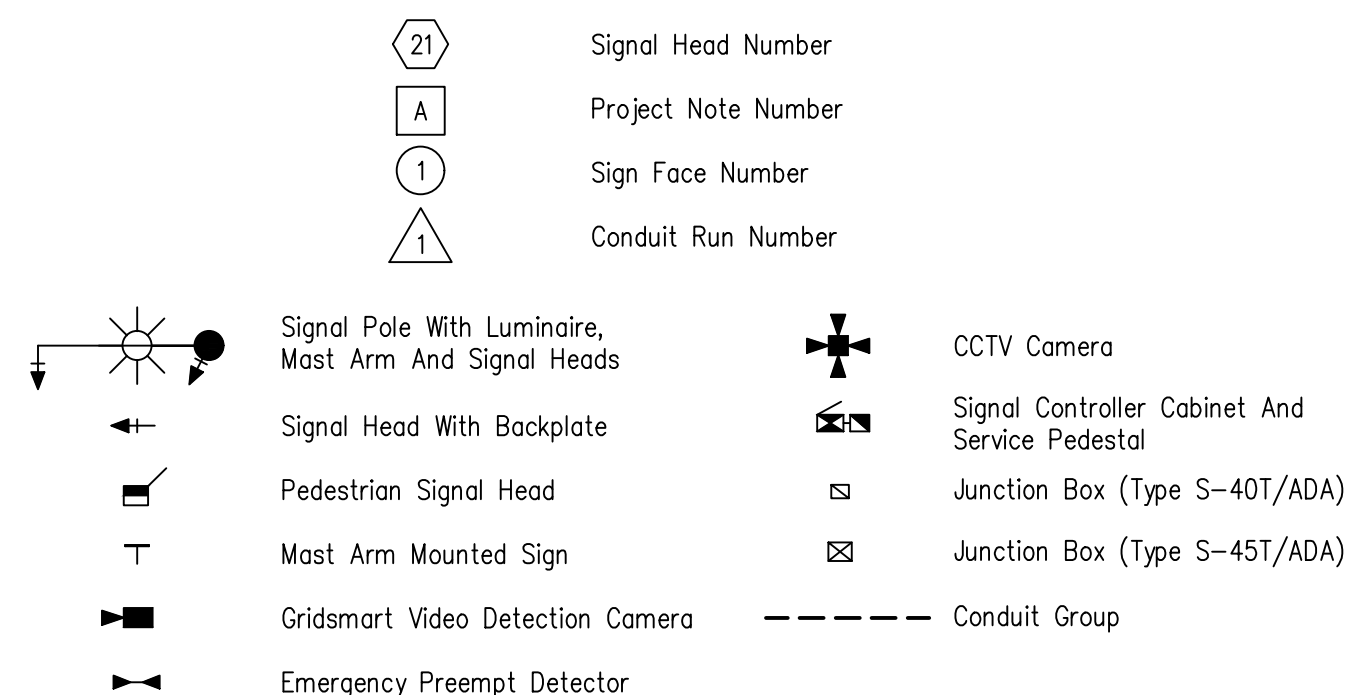
**MASTARM SIGN SCHEDULE**



**PHASE DIAGRAM**

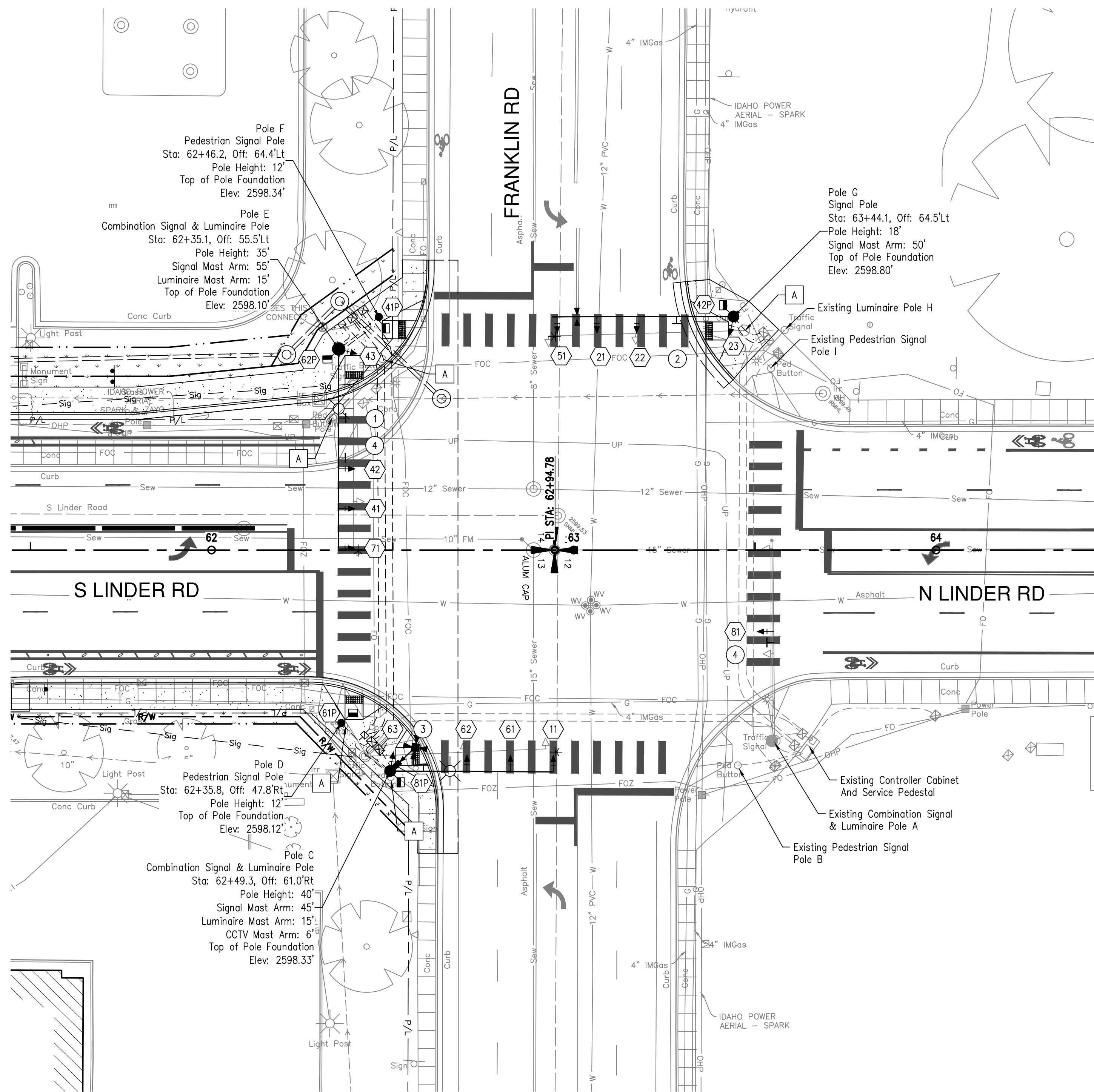


**TRAFFIC SIGNAL LEGEND**



**NOTES**

- Refer To ACHD Standard Traffic Details (TS Series) For Construction Details And Installation Requirements.
  - The Contractor Shall Verify And Check All Dimensions And Details Shown On The Drawings Prior To The Start Of Construction. Any Discrepancies Shall Be Immediately Brought To The Attention Of The Engineer For Clarification.
  - The Locations Of The Traffic Signal Cabinet, Service Pedestal And Signal Poles Foundations Shall Be Field Verified By ACHD Prior To Installation. ACHD Forces Must Be Notified At Least Two Working Days Prior To Installation.
  - Locations Of Existing Underground Structures And Utilities Such As Pipelines Conduits, Cables, Etc. Shown On The Traffic Signal Plans Are Approximate Only. It Is Not The Intent Of These Plans To Show The Exact Location Of All Underground Utilities And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With The Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractors Expense.
  - All Traffic Control Devices Shall Conform To The Latest Edition Of The Manual Of Uniform Traffic Control Devices (MUTCD).
  - Information Shown On This Sheet Is Accurate Only For Traffic Signal Improvements.
  - Regulatory Signs Mounted On Traffic Signal Mast Arms Are Incidental To The Traffic Signal Installation And Are Not Paid For Separately.
  - Contractor To Install Video Detection Cable From Cabinet To The Gridsmart Video Camera Location As Directed By ACHD. Contractor To Terminate Conductors In The Field And Coil 10 Feet Of Cable In Cabinet For Termination By ACHD. ACHD To Furnish And Determine Location Of Gridsmart Video Camera, Orient The Camera, Establish The Detection Zones And Calibrate The Entire System For Operation. ACHD Forces Must Be Notified At Least 5 Working Days Prior To Installation.
  - Remove And Relocate Existing Pre-Emption Detector From Existing Signal Pole Mast Arm To Signal Pole G. Contractor Shall Orient Emergency Pre-Empt Detectors For Optimal Visibility. Contact Charlie Butterfield (208-888-1234) With Meridian Fire Department At Least 10 Working Days Prior To The Anticipated Pre-Emption Equipment Installation.
  - Contractor Shall Install CCTV Cable From Cabinet To The CCTV Camera Location On Pole A. Coil 10 Feet Of Cable At The End Of The CCTV Camera Mast Arm For Termination By ACHD Forces. ACHD To Furnish, Install And Orient The CCTV Camera. ACHD Forces Must Be Notified At Least 5 Working Days Prior To Installation. The Existing CCTV Camera Must Remain In Operation During Construction. It May Be Disconnected For A Maximum Of 48 Hours On Weekends Only.
  - Contractor Shall Retain And Protect Existing Traffic Signal Cabinet And Service Pedestal And Signal Poles With Mounted Traffic Signal Equipment On Existing Poles A, B, H & I, Unless Otherwise Noted.
- A** Remove And Salvage Existing Signal Poles, Mast Arms, Signal Heads, Signs, Luminaire Fixtures, Video Detection Cameras And All Other Signal Equipment To ACHD Signal Shop. Coordinate With Idaho Power For Power Clearance Requirements For Equipment And Workers When Removing Mast Arms. Remove And Dispose Of All Foundations, Conduit, Cabling And Junction Boxes Unless Otherwise Noted. The Existing Traffic Signal Control For The Existing Linder Rd And Franklin Rd Intersection Shall Remain In Operation Until The New Traffic Signal Is Fully Operational, Item 1131.01.01.A2.



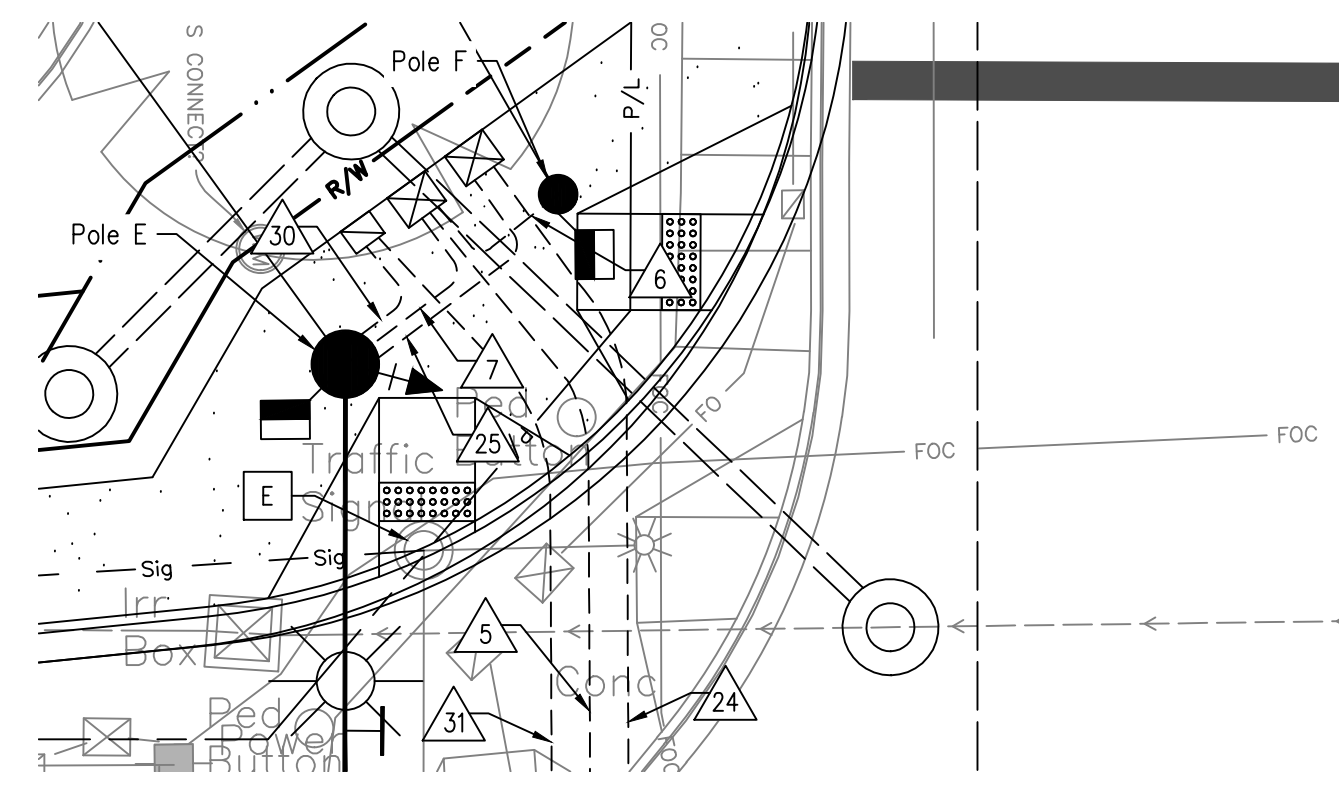
**SIGNATURES**

Design By: Precision Date: 06/2024 Drawn By: Precision Date: 06/2024

**Traffic Signal Plan (Linder & Franklin)**

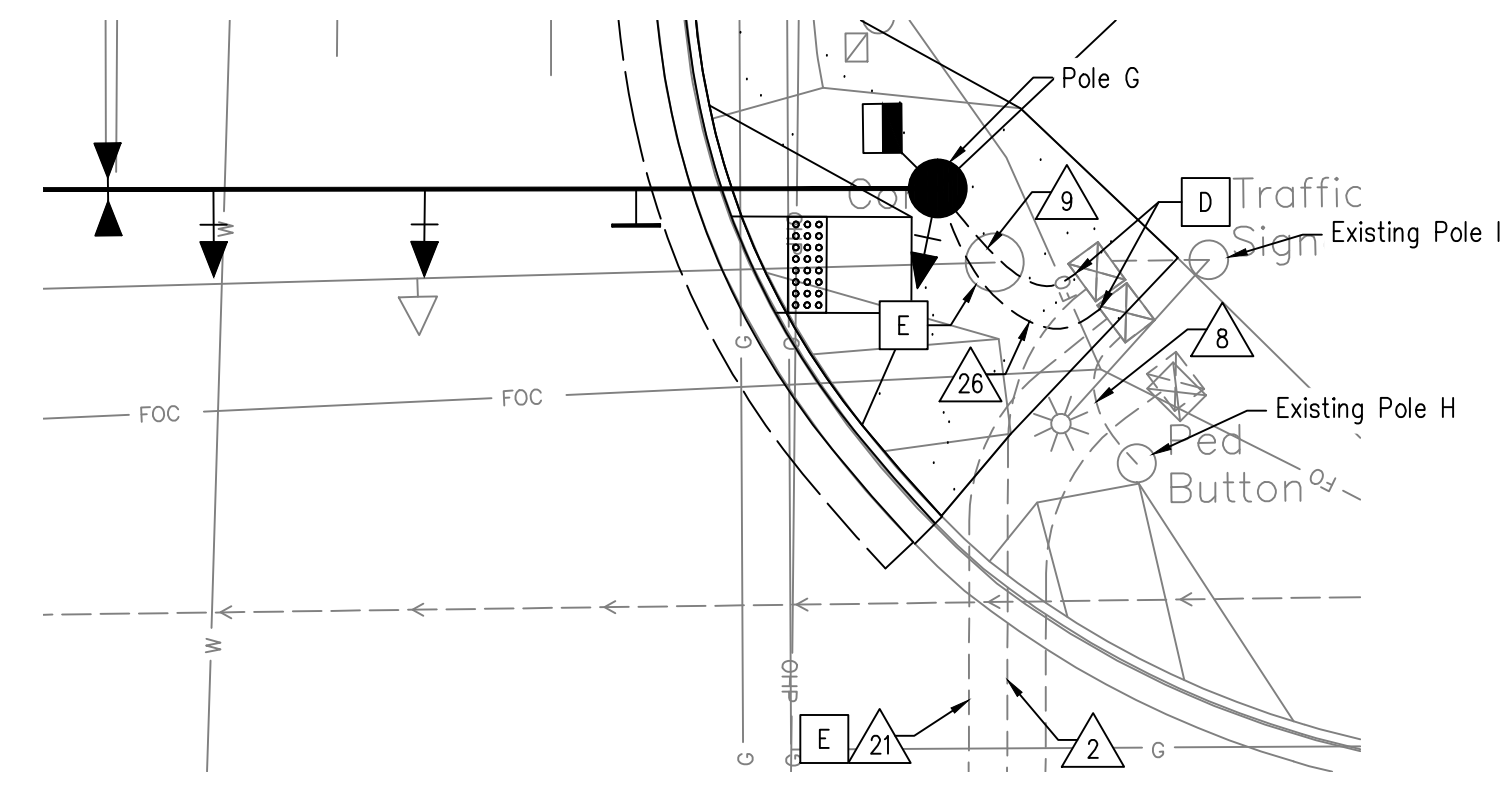
# CONDUIT AND CONDUCTOR SCHEDULE

NO.	CONDUIT	CONDUCTORS
1	Existing 2" RPC Existing 2" RPC Existing 2" RPC	2-12C, 1-5C, 1-#6 Bare (Vehicle & Ped) 2-12C, 1-5C, 1-#6 Bare (Vehicle & Ped) 2-12C, 1-5C, 1-#6 Bare (Vehicle & Ped)
2	Existing 2" RPC	2-12C, 1-5C, 1-#6 Bare (Vehicle & Ped)
3	Existing 2" RPC Existing 2" RPC Existing 2" RPC	2-12C, 1-5C, 1-#6 Bare (Vehicle & Ped) 2-12C, 1-5C, 1-#6 Bare (Vehicle & Ped) 2-#6 THWN, 1-#6 THWN Ground
4	New 2" RPC New 2" RPC	2-12C, 1-5C, 1-#6 Bare (Vehicle & Ped) 2-12C, 1-5C, 1-#6 Bare (Vehicle & Ped)
5	New 2" RPC New 2" RPC	2-12C, 1-5C, 1-#6 Bare (Vehicle & Ped) Spare (Install Locate Wire)
6	New 2" RPC	1-5C, 1-#6 Bare (Ped)
7	New 2" RPC	2-12C, 1-#6 Bare (Ped)
8	Existing 2" RPC	1-5C, 1-#6 Bare (Ped)
9	New 2" RPC New 2" RPC	2-12C, 1-#6 Bare (Vehicle & Ped) Spare (Install Locate Wire)
20	Existing 2" RPC Existing 2" RPC	1-3C (Opticom) 1-COAX/5C (Gridsmart Video Detection) 1-CAT5 (POE+) (CCTV)
21	Existing 2" RPC	1-3C (Opticom)
22	Existing 2" RPC Existing 2" RPC	1-COAX/5C (Gridsmart Video Detection) 1-CAT5 (POE+) (CCTV) Spare (Install Locate Wire)
23	New 2" RPC New 2" RPC	1-COAX/5C (Gridsmart Video Detection) 1-CAT5 (POE+) (CCTV) Spare (Install Locate Wire)
24	New 2" RPC New 2" RPC	Spare (Install Locate Wire) Spare (Install Locate Wire)
25	New 2" RPC	Spare (Install Locate Wire)
26	New 2" RPC	1-3C (Opticom)
27	New 2" RPC New 2" RPC	1-COAX/5C (Gridsmart Video Detection) 1-CAT5 (POE+) (CCTV)
30	New 2" RPC	2-#6 THWN, 1-#6 THWN Ground
31	New 2" RPC New 2" RPC	2-#6 THWN, 1-#6 THWN Ground Spare (Install Locate Wire)



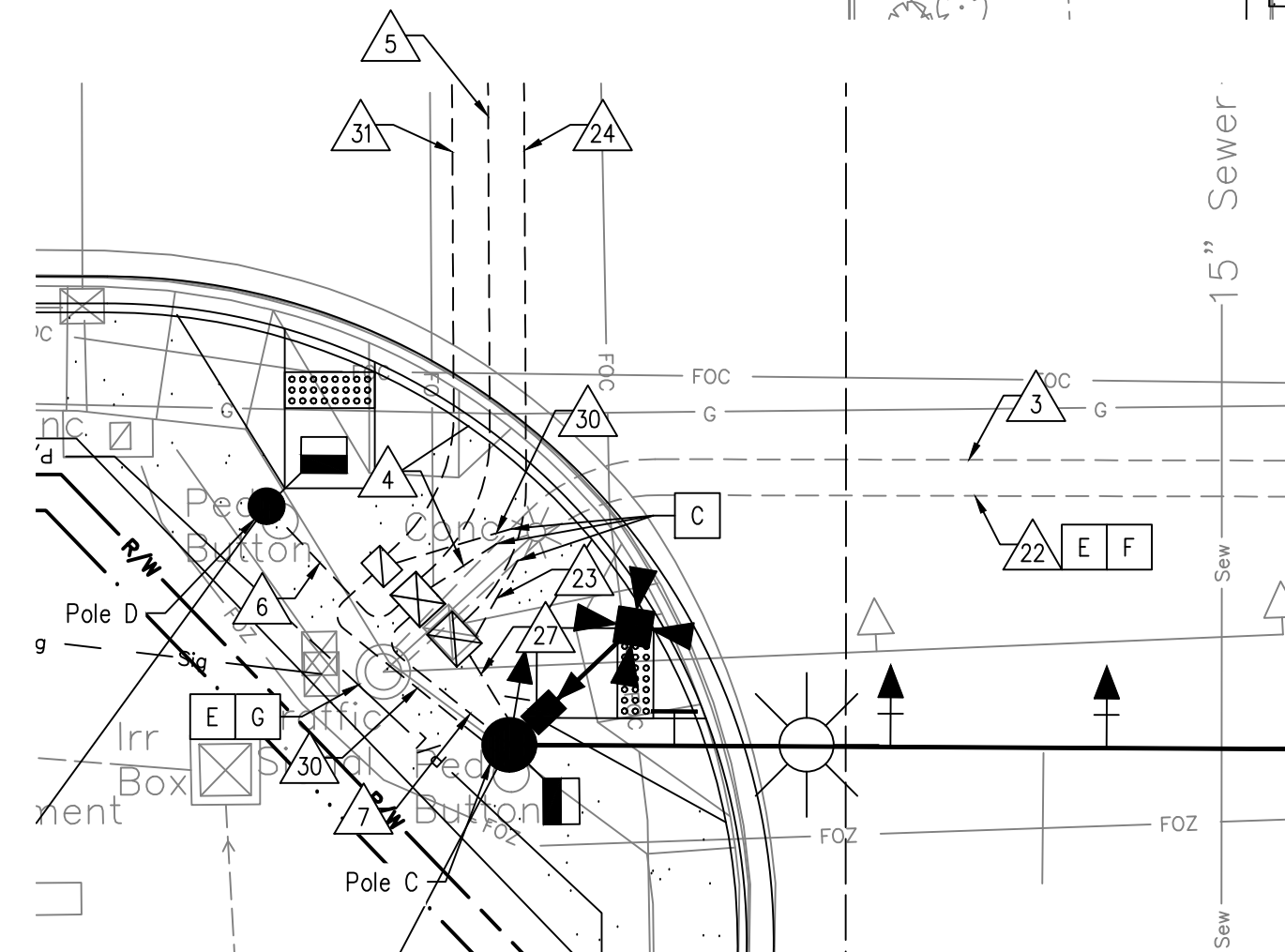
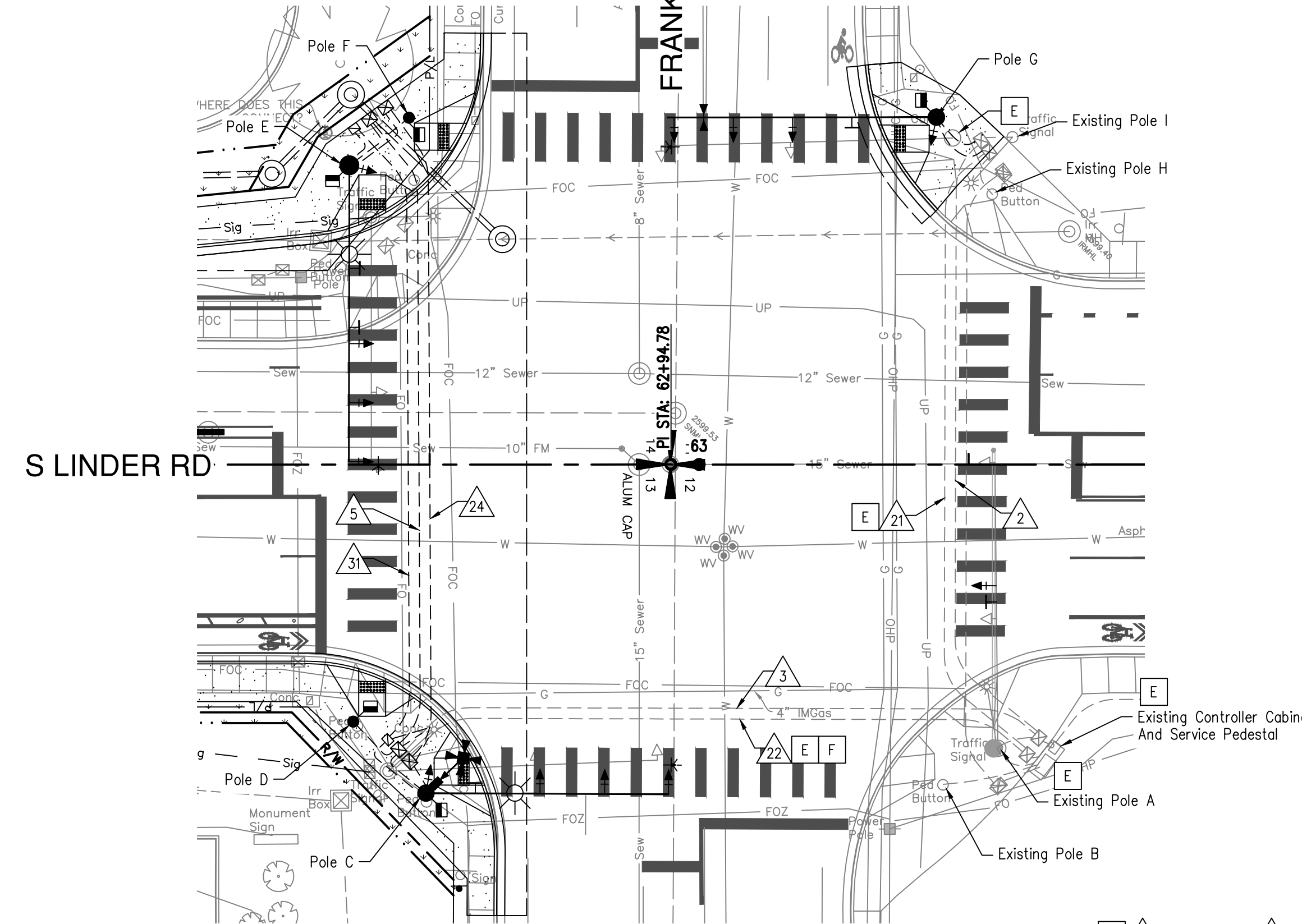
Poles E & F Area Conduit Layout

Not to Scale



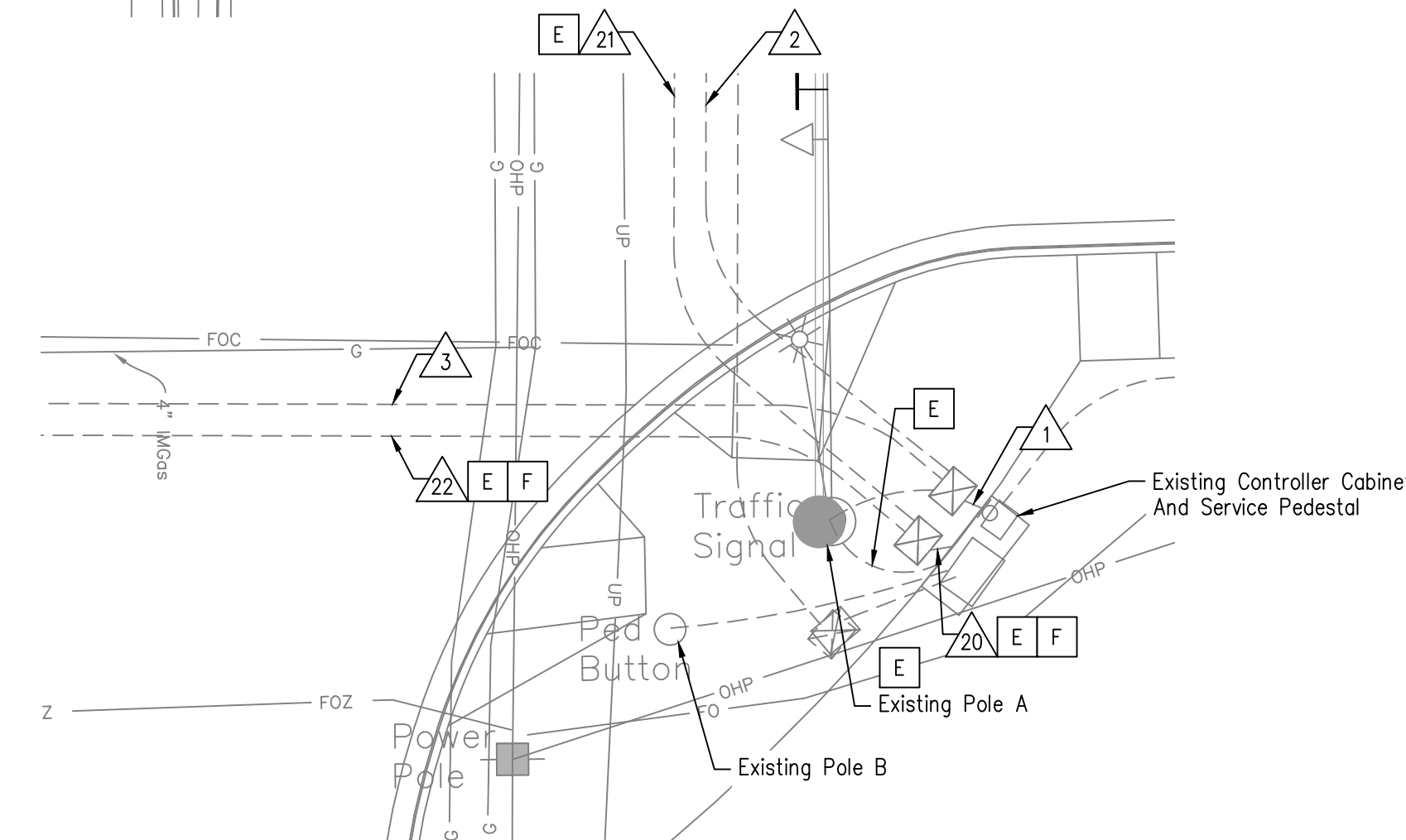
Cabinet/Poles G, H & I Area Conduit Layout

Not to Scale



Poles C & D Area Conduit Layout

Not to Scale

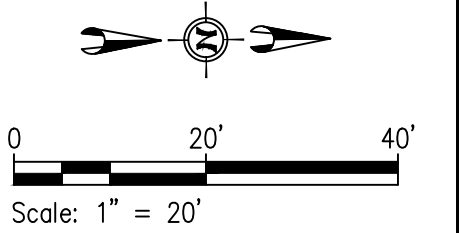


Poles A & B Area Conduit Layout

Not to Scale

# NOTES

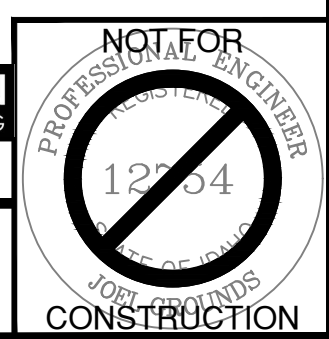
- Refer To ACHD Standard Traffic Details (TS Series) For Construction Details And Installation Requirements.
  - The Conduit Layout Shown Is Schematic. The Contractor Shall Maintain The Appropriate Clearance Between Adjacent Utilities.
  - Ground The Traffic Signal And Illumination System In Accordance With The Current Edition Of The NEC And The ACHD Traffic Supplemental Provisions.
  - Locations Of Existing Underground Structures And Utilities Such As Pipelines Conduits, Cables, Etc. Shown On The Traffic Signal Plans Are Approximate Only. It Is Not The Intent Of These Plans To Show The Exact Location Of All Underground Utilities And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With The Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractors Expense.
  - Information Shown On This Sheet Is Accurate Only For Traffic Signal Improvements Only.
  - Install 1-4C In The AGPS SPI Unit Located In The Pedestrian Signal Head To The Corresponding AGPS Push Button Assembly.
  - Install One Locate Wire (No. 12 Copper THWN, Green) In Each Conduit. Where Multiple Locate Wire Exists In The Junction Box, They Shall Be Bonded Together And Insulated. A Single Locate Wire Shall Be Installed To The Service Pedestal. All Locate Wire In Cabinets And Junction Boxes Shall Be Labeled As "Locate Wire" And Insulated From All Metallic Items And Ground Potential Sources, Incidental To Other Traffic Signal Bid Items.
- B** Refer To Illumination And Interconnect Plan Sheets For Illumination And Interconnect Improvements. Luminaire Poles & Fixtures, All Conduit, Junction Boxes And Cabling To Be Paid For By Separate Bid Items.
  - C** Intercept Existing Conduit With Proposed Conduit
  - D** Intercept Existing Junction Box With Proposed Conduit
  - E** Remove And Salvage Existing Video Detection Cameras And Cabling To ACHD Signal Shop
  - F** Remove And Salvage Existing CCTV Camera And Cabling To ACHD Signal Shop
  - G** Coordinate With Communications Utility Company For Adjustment, Relocation, Or Replacement Of Communications Antenna By Others.



Revisions:

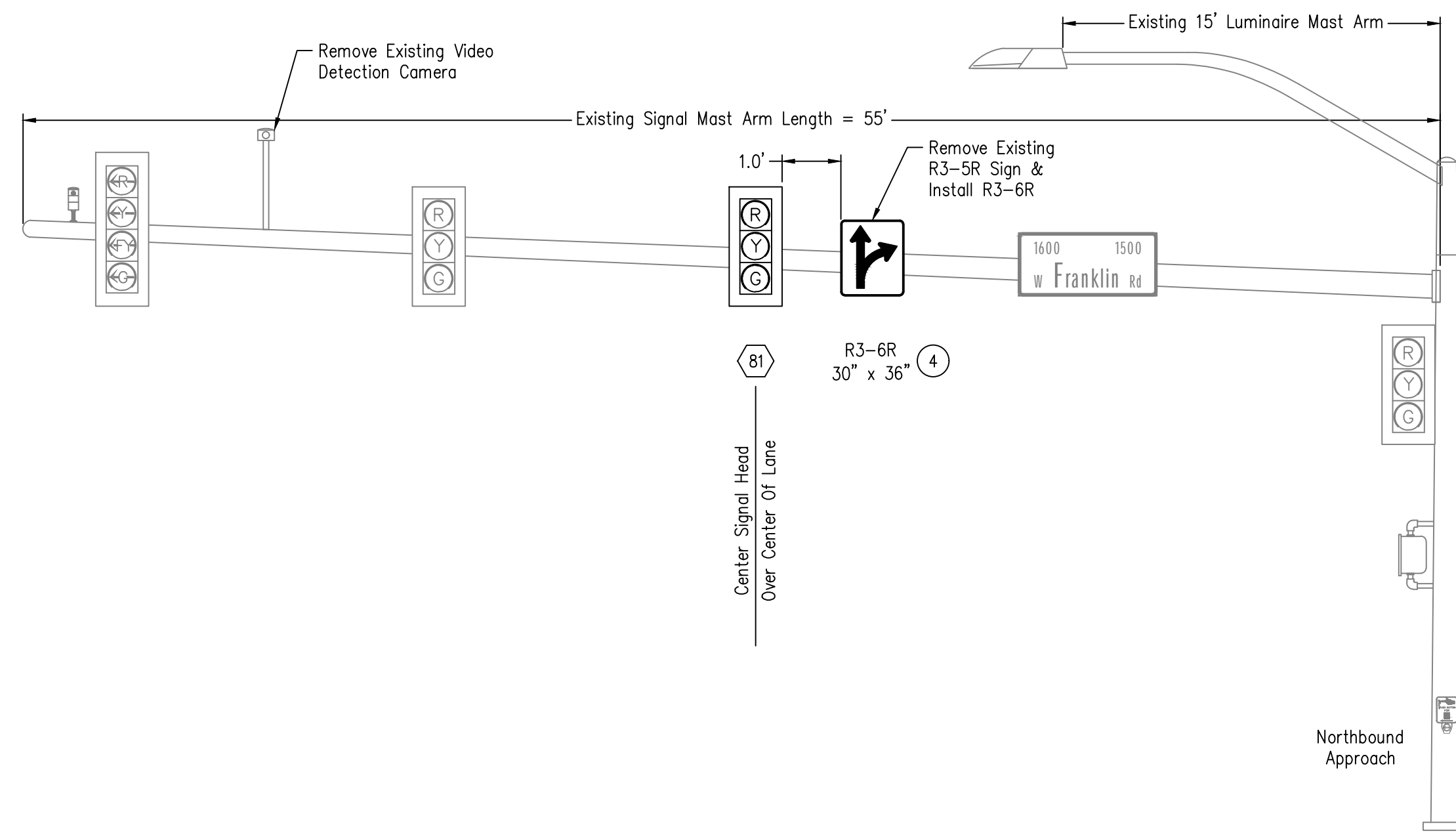
• SIGNATURES •  
 Design By: Precision      Date: 06/2024      Drawn By: Precision      Date: 06/2024

• SHEET TITLE •  
**Traffic Signal Details (Linder & Franklin)**



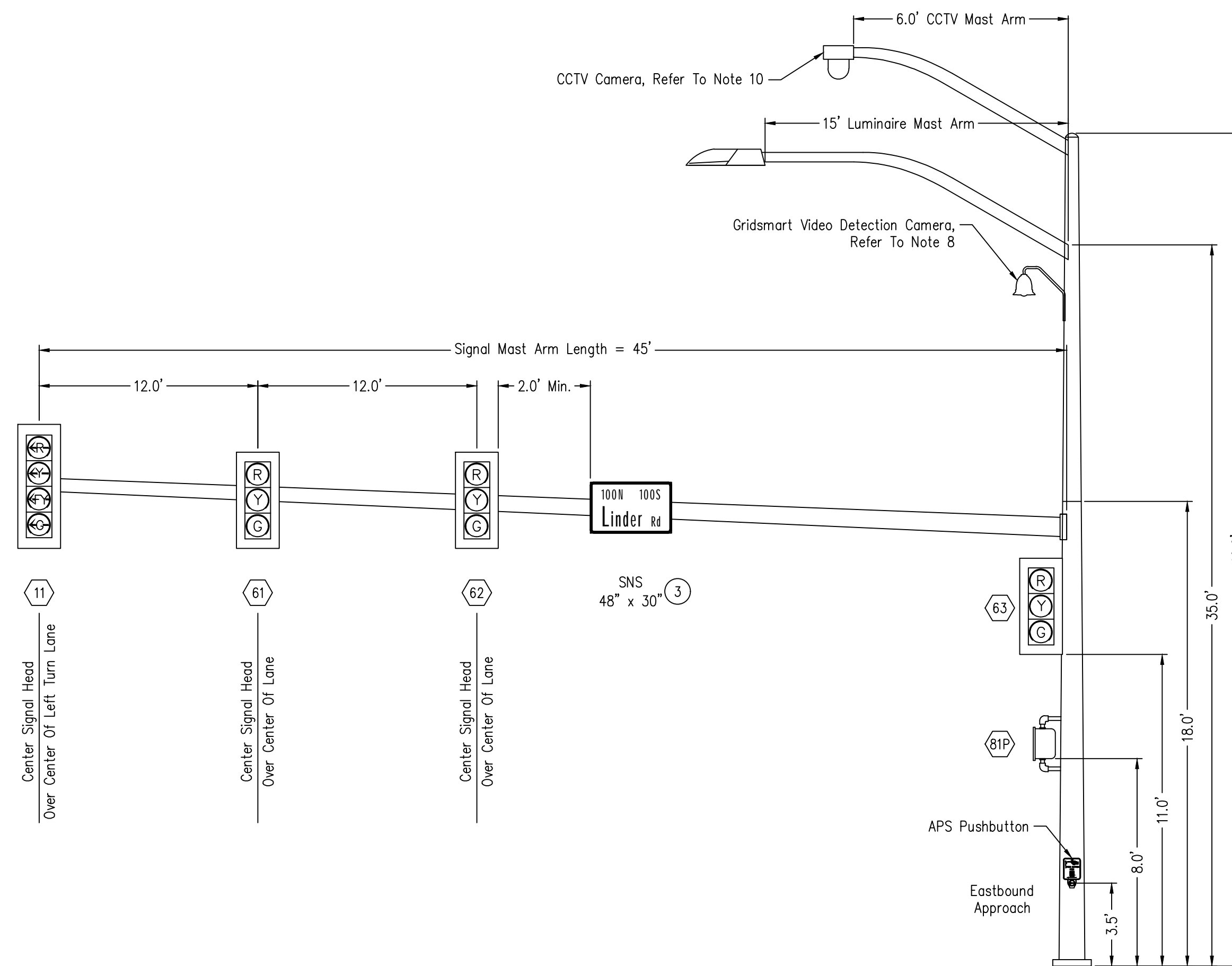
**NOTES**

1. The Contractor Shall Verify And Check All Dimensions And Details Shown On The Drawings Prior To The Start Of Construction. Any Discrepancies Shall Be Immediately Brought To The Attention Of The Engineer For Clarification.
2. Refer To ACHD Standard Traffic Details (TS Series) For Construction Details And Installation Requirements.
3. Ground The Traffic Signal And Illumination System In Accordance With The Current Edition Of The NEC And The ACHD Traffic Supplemental Provisions.
4. All Traffic Control Devices Shall Conform To The Latest Edition Of The Manual Of Uniform Traffic Control Devices (MUTCD).
5. Information Shown On This Sheet Is Accurate Only For Traffic Signal Improvements.
6. Regulatory Signs Mounted On Traffic Signal Mast Arms Are Incidental To The Traffic Signal Installation And Are Not Paid For Separately.
7. Dimensions Shown On The Signal Mast Arms Are Accurate For The Pole Locations Shown On The Plan Sheets Only. If The Poles Are Located Differently, Mast Arm Lengths And Signal Head And Sign Locations May Change.
8. Contractor To Install Video Detection Cable From Cabinet To The Gridsmart Video Camera Location As Indicated On The Conduit Schedule. Install Gridsmart Video Camera In Location As Directed By ACHD. Contractor To Terminate Conductors In The Field And Coil 10 Feet Of Cable In Cabinet For Termination By ACHD. ACHD To Furnish And Determine Location Of Gridsmart Video Camera, Orient The Camera, Establish The Detection Zones And Calibrate The Entire System For Operation. ACHD Forces Must Be Notified At Least 5 Working Days Prior To Installation.
9. Remove And Relocate Existing Pre-emption Detector From Existing Signal Pole Mast Arm To Signal Pole G. Contractor Shall Orient Emergency Pre-empt Detectors For Optimal Visibility. Contact Charlie Butterfield (208-888-1234) With Meridian Fire Department At Least 10 Working Days Prior To The Anticipated Pre-emption Equipment Installation.
10. Contractor Shall Install CCTV Cable From Cabinet To The CCTV Camera Location On Pole A. Coil 10 Feet Of Cable At The End Of The CCTV Camera Mast Arm For Termination By ACHD Forces. ACHD To Furnish, Install And Orient The CCTV Camera. ACHD Forces Must Be Notified At Least 5 Working Days Prior To Installation. The Existing CCTV Camera Must Remain In Operation During Construction. It May Be Disconnected For A Maximum Of 48 Hours On Weekends Only.
11. Install 1-4C In The AGPS SPI Unit Located In The Pedestrian Signal Head To The Corresponding AGPS Push Button Assembly.
12. Contractor Shall Retain And Protect Existing Traffic Signal Cabinet And Service Pedestal And Signal Poles With Mounted Traffic Signal Equipment On Existing Poles A, B, H & I, Unless Otherwise Noted.



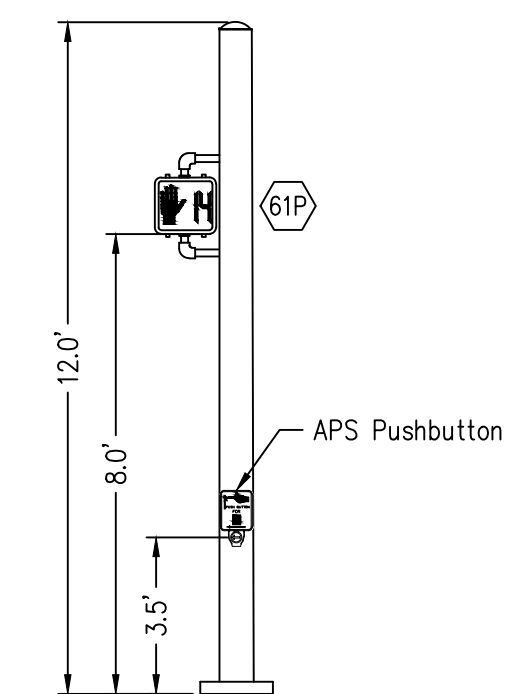
**Existing Combination Signal & Luminaire Pole A**

Not to Scale



**Combination Signal & Luminaire Pole C**

Not to Scale



**Pedestrian Signal Pole D**

Not to Scale

Revisions:

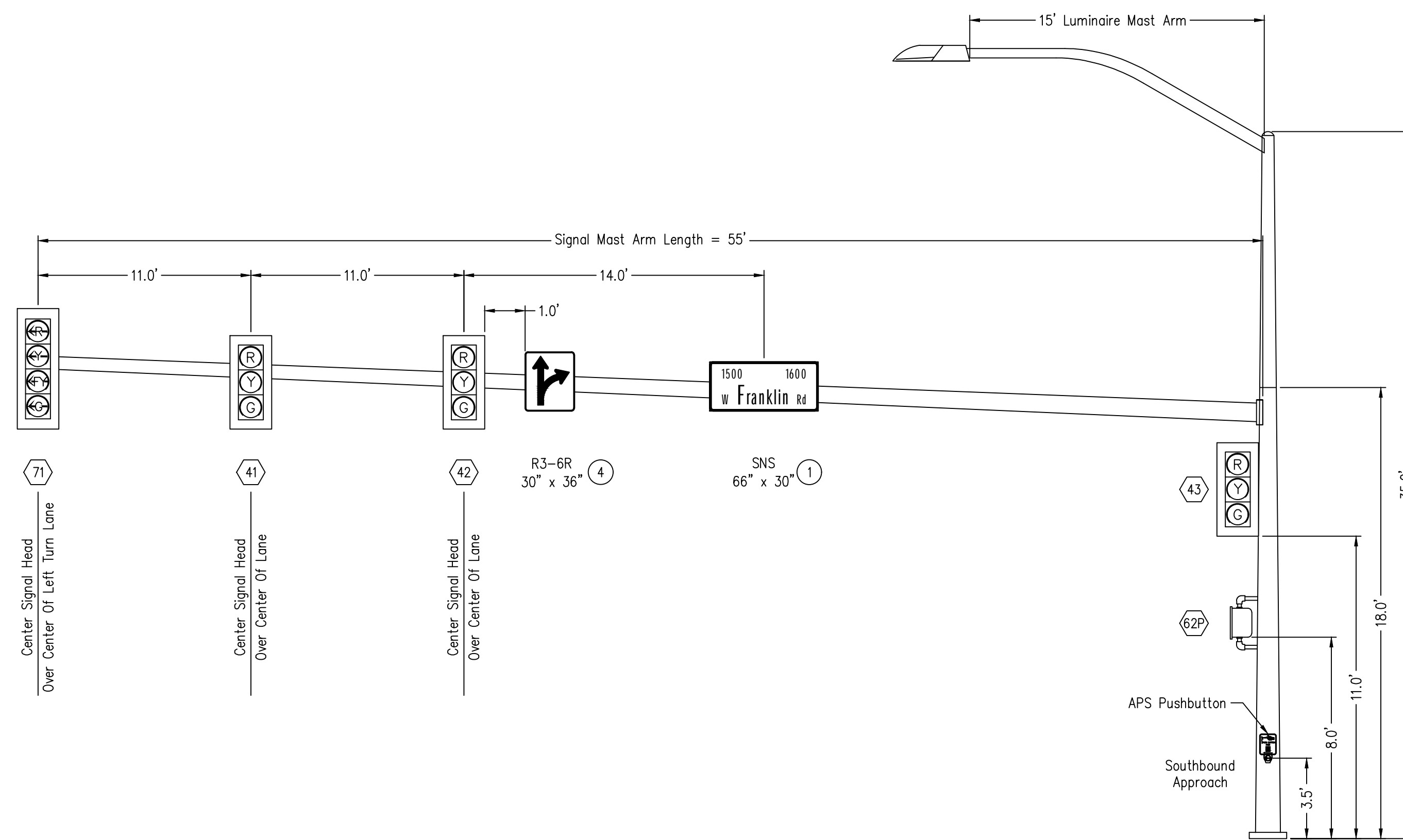
• SIGNATURES •

Design By: Precision Date: 06/2024 Drawn By: Precision Date: 06/2024

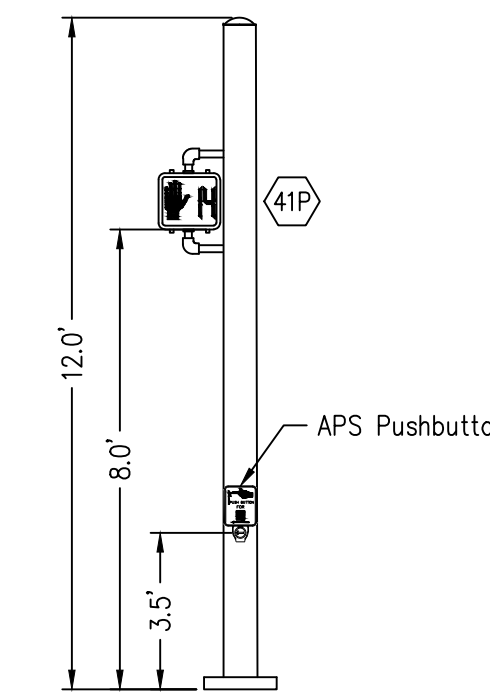
**Traffic Signal Details (Linder & Franklin)**

**NOTES**

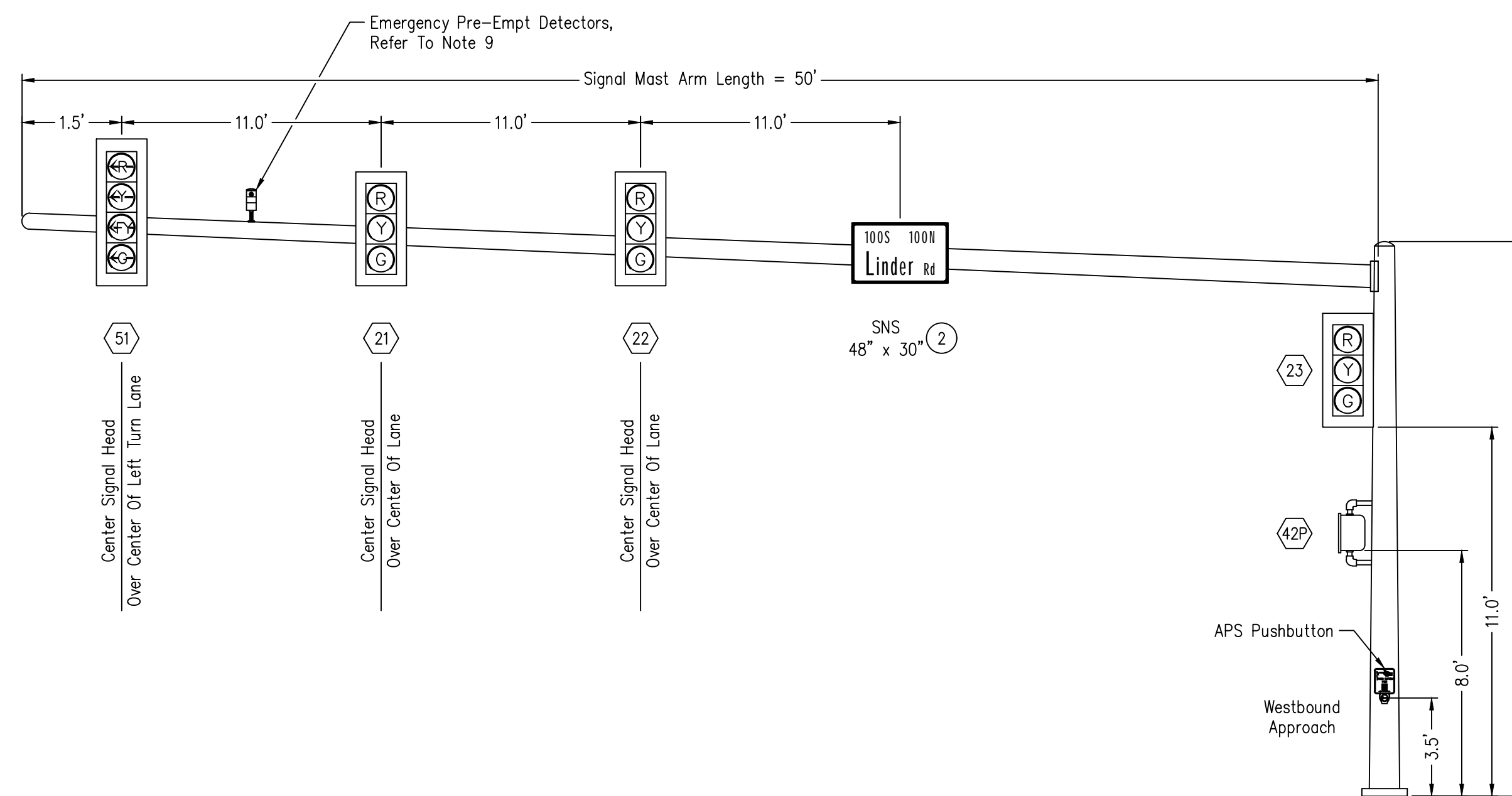
1. The Contractor Shall Verify And Check All Dimensions And Details Shown On The Drawings Prior To The Start Of Construction. Any Discrepancies Shall Be Immediately Brought To The Attention Of The Engineer For Clarification.
2. Refer To ACHD Standard Traffic Details (TS Series) For Construction Details And Installation Requirements.
3. Ground The Traffic Signal And Illumination System In Accordance With The Current Edition Of The NEC And The ACHD Traffic Supplemental Provisions.
4. All Traffic Control Devices Shall Conform To The Latest Edition Of The Manual Of Uniform Traffic Control Devices (MUTCD).
5. Information Shown On This Sheet Is Accurate Only For Traffic Signal Improvements.
6. Regulatory Signs Mounted On Traffic Signal Mast Arms Are Incidental To The Traffic Signal Installation And Are Not Paid For Separately.
7. Dimensions Shown On The Signal Mast Arms Are Accurate For The Pole Locations Shown On The Plan Sheets Only. If The Poles Are Located Differently, Mast Arm Lengths And Signal Head And Sign Locations May Change.
8. Contractor To Install Video Detection Cable From Cabinet To The Gridsmart Video Camera Location As Indicated On The Conduit Schedule. Install Gridsmart Video Camera In Location As Directed By ACHD. Contractor To Terminate Conductors In The Field And Coil 10 Feet Of Cable In Cabinet For Termination By ACHD. ACHD To Furnish And Determine Location Of Gridsmart Video Camera, Orient The Camera, Establish The Detection Zones And Calibrate The Entire System For Operation. ACHD Forces Must Be Notified At Least 5 Working Days Prior To Installation.
9. Remove And Relocate Existing Pre-Emption Detector From Existing Signal Pole Mast Arm To Signal Pole G. Contractor Shall Orient Emergency Pre-Empt Detectors For Optimal Visibility. Contact Charlie Butterfield (208-888-1234) With Meridian Fire Department At Least 10 Working Days Prior To The Anticipated Pre-Emption Equipment Installation.
10. Contractor Shall Install CCTV Cable From Cabinet To The CCTV Camera Location On Pole A. Coil 10 Feet Of Cable At The End Of The CCTV Camera Mast Arm For Termination By ACHD Forces. ACHD To Furnish, Install And Orient The CCTV Camera. ACHD Forces Must Be Notified At Least 5 Working Days Prior To Installation. The Existing CCTV Camera Must Remain In Operation During Construction. It May Be Disconnected For A Maximum Of 48 Hours On Weekends Only.
11. Install 1-4C In The AGPS SPI Unit Located In The Pedestrian Signal Head To The Corresponding AGPS Push Button Assembly.
12. Contractor Shall Retain And Protect Existing Traffic Signal Cabinet And Service Pedestal And Signal Poles With Mounted Traffic Signal Equipment On Existing Poles A, B, H & I, Unless Otherwise Noted.



**Combination Signal & Luminaire Pole E**  
Not to Scale



**Pedestrian Signal Pole F**  
Not to Scale



**Combination Signal & Luminaire Pole G**  
Not to Scale

Revisions:

• SIGNATURES •

Design By: Precision Date: 06/2024 Drawn By: Precision Date: 06/2024

• SHEET TITLE •  
**Traffic Signal Details (Linder & Franklin)**

**TRAFFIC SIGNAL MATERIALS**

Pole	Pole Type	Signal Mast Arm	Luminaire	Signal Mounting Location (Signal Head No.)	Signal Mounting Brackets	Mast Arm Signs	Foundation See TS-1110
Pole A	Existing Combination Signal And Luminaire Pole Pole Height: 25'	Existing 55'	Existing 15' Mast Arm	14.0' From End (81)	Astro Bracket	Existing SNS R3-6R (30"x36")	Existing
Pole B	Existing Pedestrian Signal Pole Pole Height: 12'	N/A	N/A	N/A	N/A	N/A	Existing
Pole C	Combination Signal And Luminaire Pole Pole Height: 40'	45'	15' Mast Arm 133 Watt LED Fixture	0.0' From End (11) 12.0' From End (61) 24.0' From End (62) Pole Mounted (63)	Astro Bracket Astro Bracket Astro Bracket -	SNS (48"x30") "100N 100S" "Linder Rd"	D
Pole D	Pedestrian Signal Pole Pole Height: 12'	N/A	N/A	N/A	N/A	N/A	A
Pole E	Combination Signal And Luminaire Pole Pole Height: 35'	55'	15' Mast Arm 133 Watt LED Fixture	0.0' From End (71) 11.0' From End (41) 22.0' From End (42) Pole Mounted (43)	Astro Bracket Astro Bracket Astro Bracket -	SNS (66"x30") "1500 1600" "W Franklin Rd" R3-6R (30"x36")	F
Pole F	Pedestrian Signal Pole Pole Height: 12'	N/A	N/A	N/A	N/A	N/A	A
Pole G	Signal Pole Pole Height: 18'	50'	N/A	1.5' From End (51) 12.5' From End (21) 23.5' From End (22) Pole Mounted (23)	Astro Bracket Astro Bracket Astro Bracket -	SNS (48"x30") "100S 100N" "Linder Rd"	F
Pole H	Existing Luminaire Pole Pole Height: 30'	N/A	Existing 15' Mast Arm	N/A	N/A	N/A	Existing
Pole I	Existing Pedestrian Signal Pole Pole Height: 12'	N/A	N/A	N/A	N/A	N/A	Existing

Note: The Backfill For The Pole Foundations Shall Be Controlled Density Fill

Revisions:

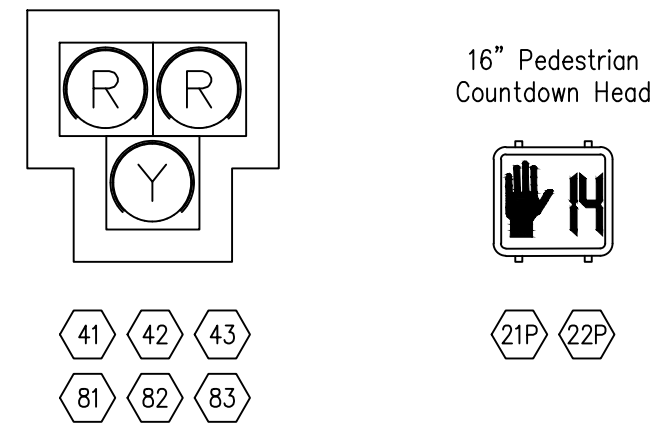
• S I G N A T U R E S •

Design By: Precision      Date: 06/2024      Drawn By: Precision      Date: 06/2024

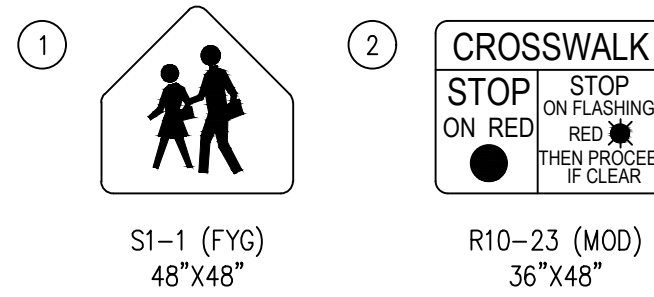
Traffic Signal Details (Linder & Franklin)



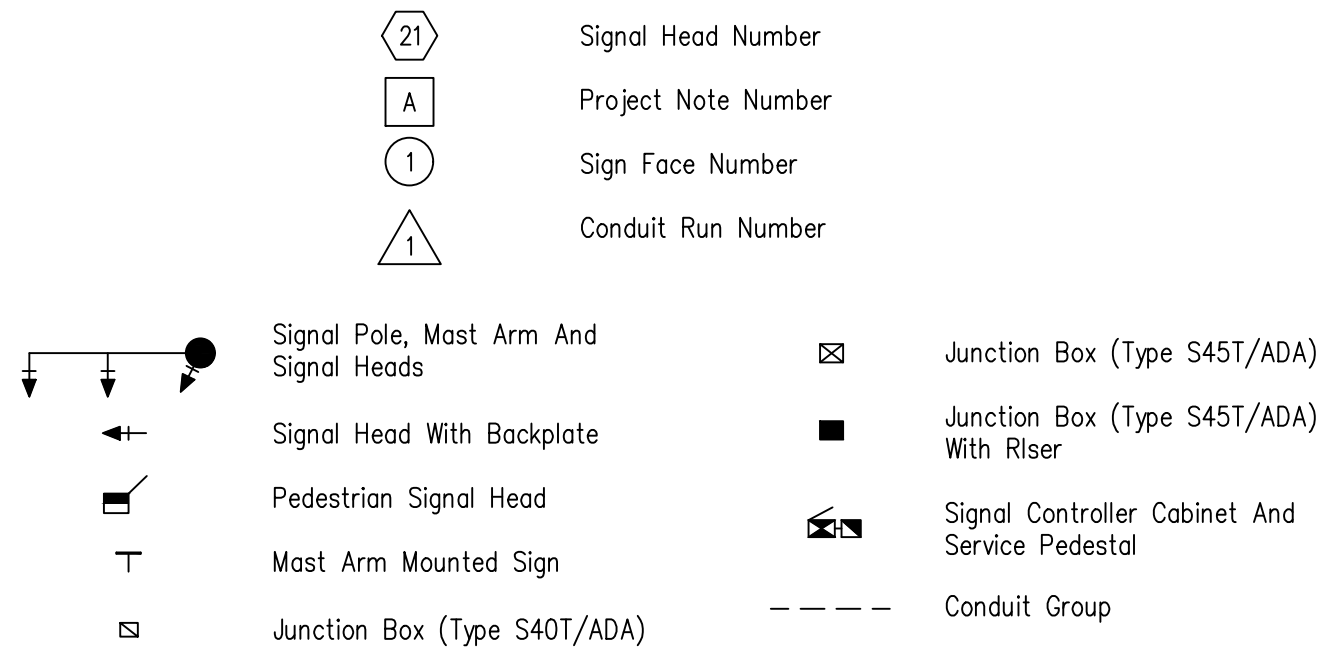
# SIGNAL HEAD SCHEDULE



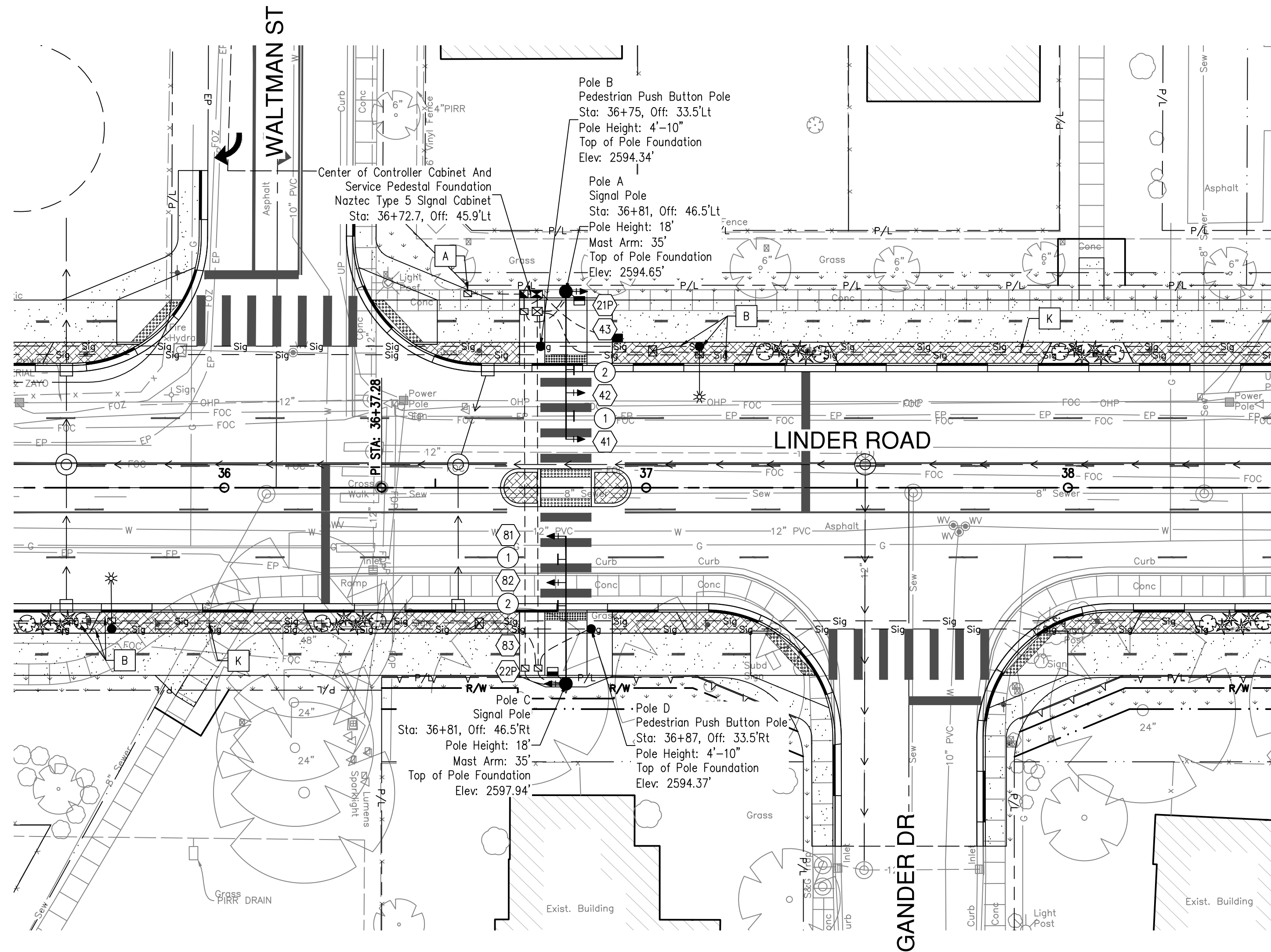
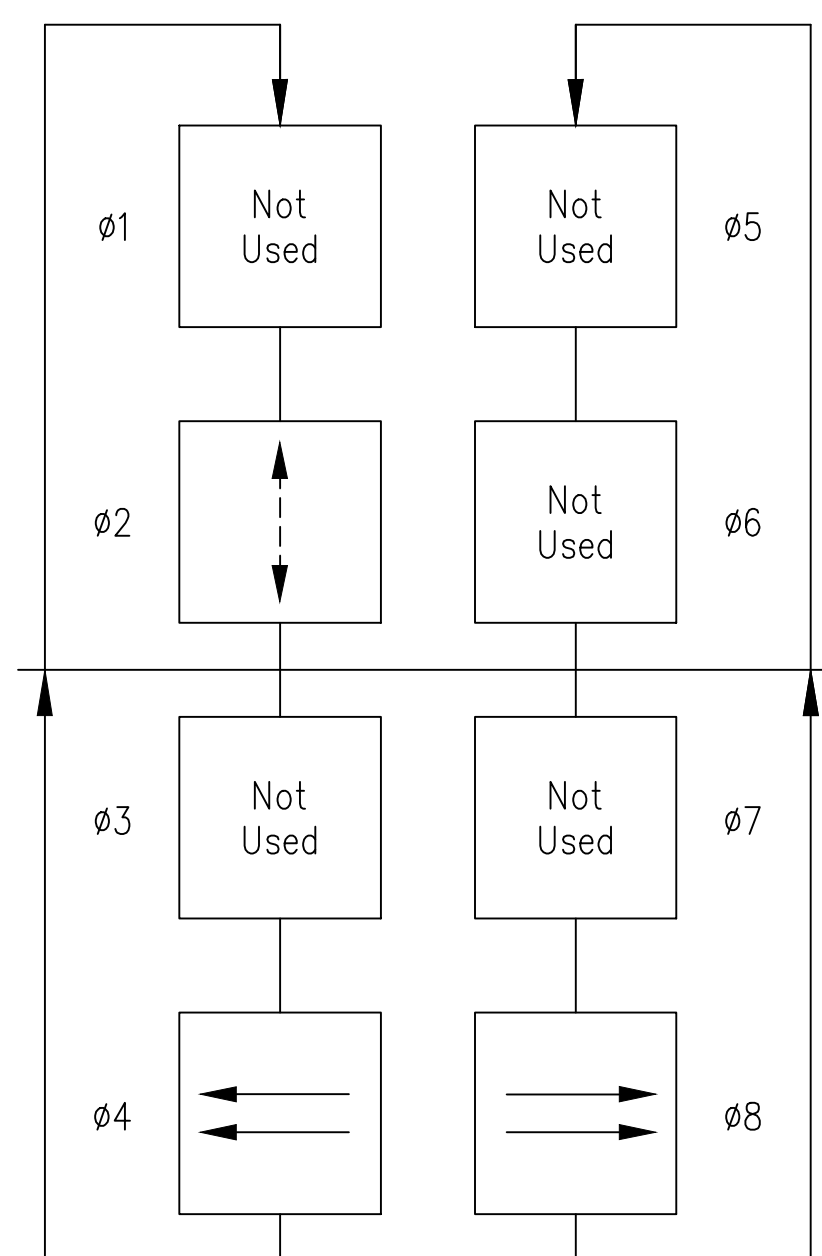
# MASTARM SIGN SCHEDULE



# TRAFFIC SIGNAL LEGEND

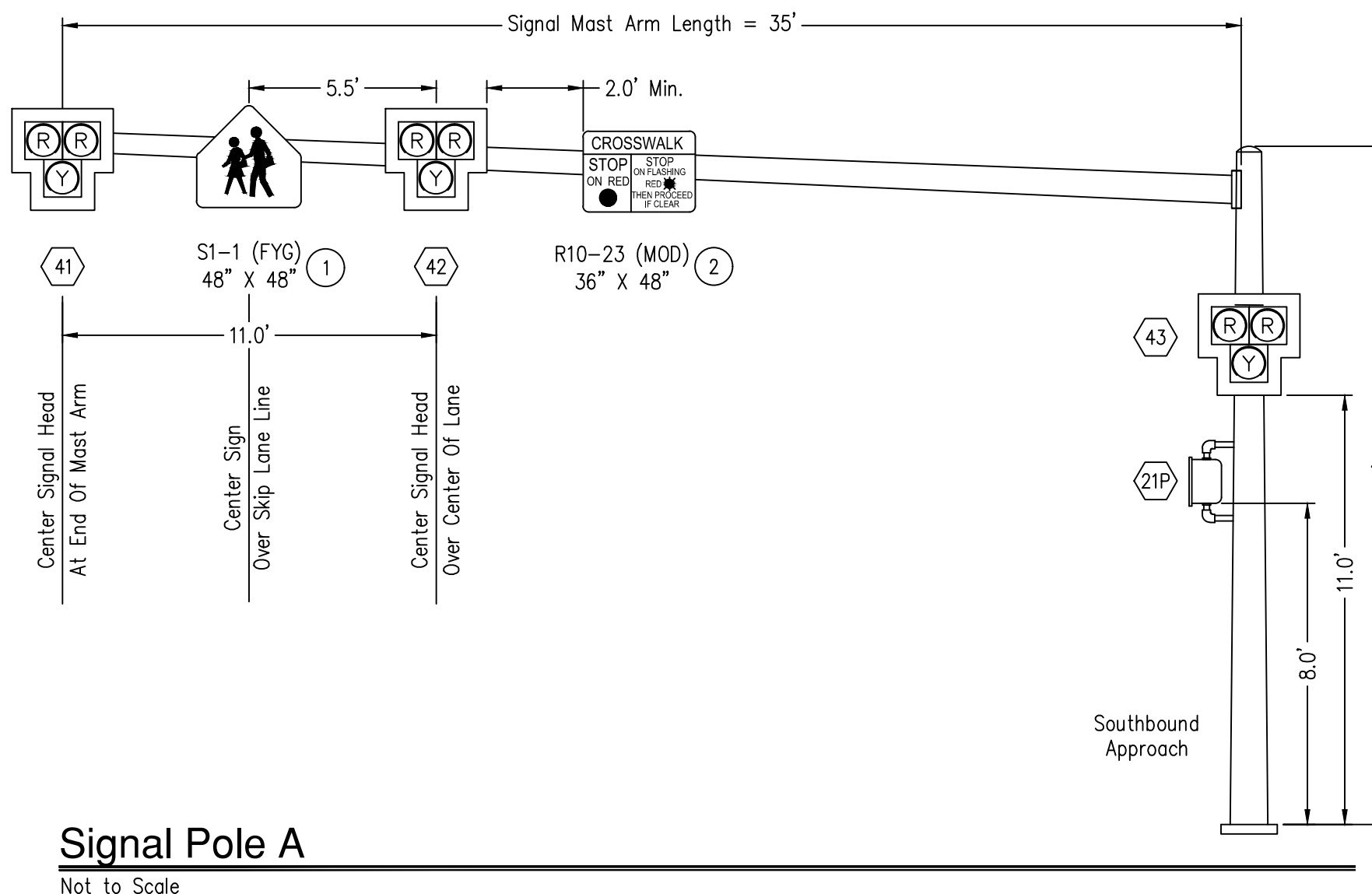


# PHASE DIAGRAM

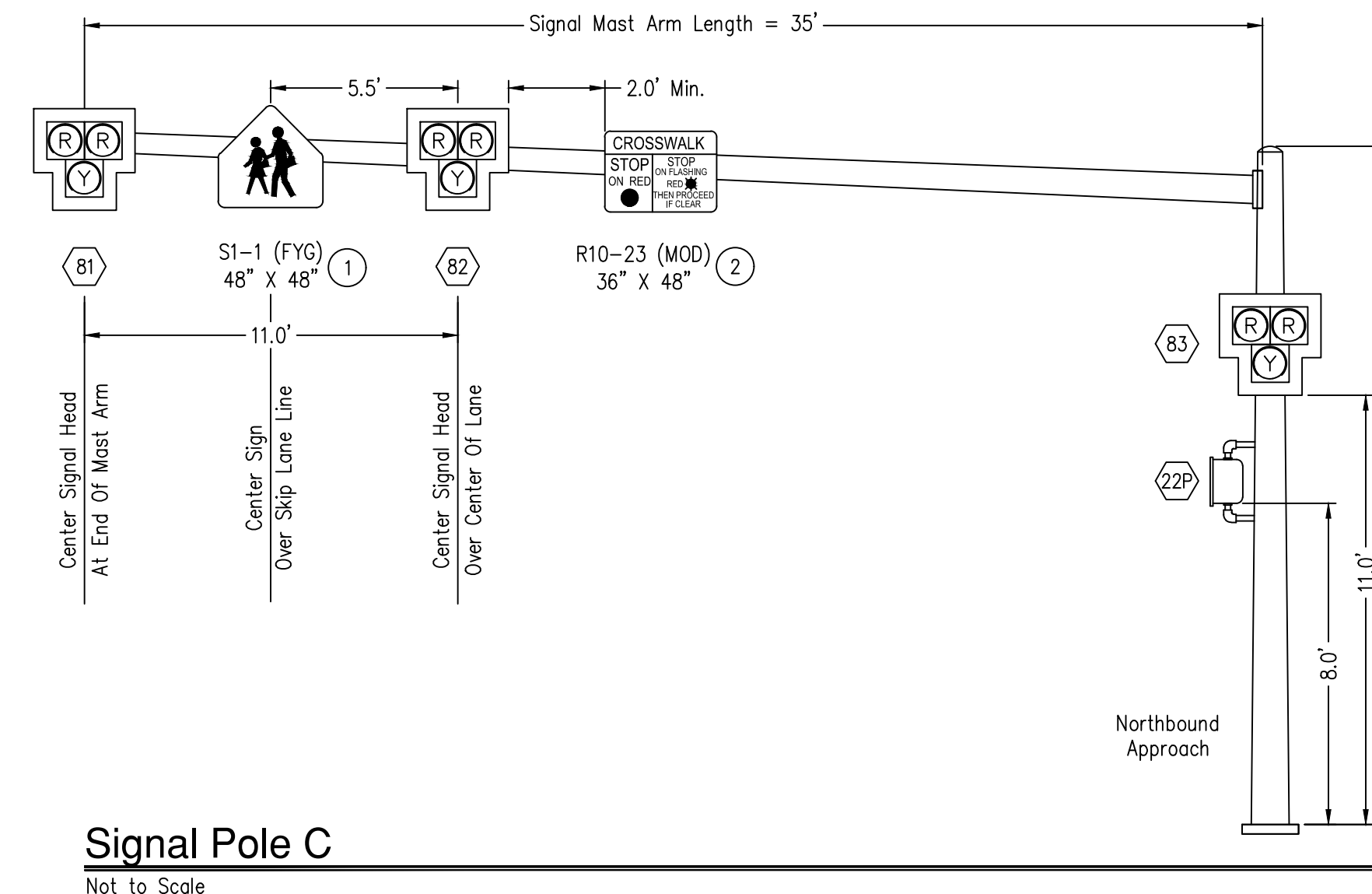


# NOTES

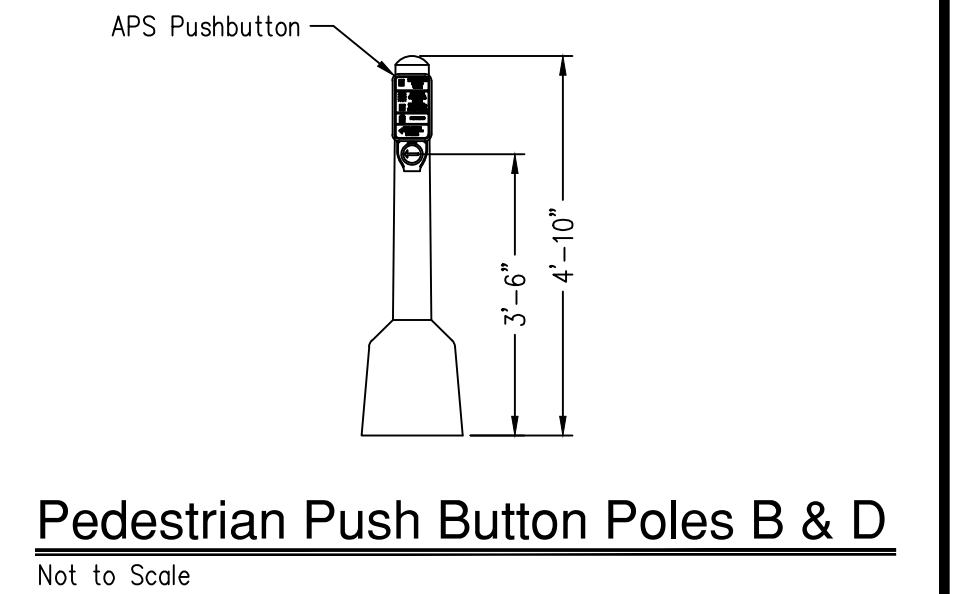
- Refer To ACHD Standard Traffic Details (TS Series) For Construction Details And Installation Requirements.
  - The Contractor Shall Verify And Check All Dimensions And Details Shown On The Drawings Prior To The Start Of Construction. Any Discrepancies Shall Be Immediately Brought To The Attention Of The Engineer For Clarification.
  - Ground The PHB Signal And Illumination System In Accordance With The Current Edition Of The NEC And The ACHD Traffic Supplemental Provisions.
  - The Locations Of The PHB Signal Cabinet, Service Pedestal And PHB Signal Poles Foundations Shall Be Field Verified By ACHD Prior To Installation. ACHD Forces Must Be Notified At Least Two Working Days Prior To Installation.
  - Locations Of Existing Underground Structures And Utilities Such As Pipelines Conduits, Cables, Etc. Shown On The Traffic Signal Plans Are Approximate Only. It Is Not The Intent Of These Plans To Show The Exact Location Of All Underground Utilities And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With The Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractors Expense.
  - All Traffic Control Devices Shall Conform To The Latest Edition Of The Manual Of Uniform Traffic Control Devices (MUTCD).
  - Information Shown On This Sheet Is Accurate Only For PHB Signal Improvements.
  - Regulatory Signs Mounted On PHB Signal Mast Arms Are Incidental To The PHB Signal Installation And Are Not Paid For Separately.
  - Refer To The Signing And Pavement Marking Plans For Additional Roadside Mounted Signs Related To The Installation Of The PHB Signal.
  - Pedestrian Push Button Extension Arm Shall Be Installed When The Maximum Distance From Face Of Curb Or Back Of Pedestrian Ramp And Pedestrian Push Button Is Greater Than 10 Inches At Any Location. Pedestrian Push Button With Extension Not To Obstruct Pedestrian Walking Path.
- A** If Indicated On The Plans Or Directed By ACHD, The Contractor Shall Install A Three-Wire Electrical Service To Be Used At 120/240 Volts, Single Phase, 60 Hertz AC Between The Power Supply And The Service Cabinet. The Contractor Shall Install A Junction Box A Maximum Of Two (2) Feet From The Power Supply. The Distance From The Power Source To The Service Cabinet Shall Not Exceed 300' Without Approval From The ACHD Signal Coordinator. The Contractor Shall Coordinate With Idaho Power For The Power Connection Location. The District Shall Be Responsible For All Idaho Power Fees Related To Power Supply And Connection. The Contractor Shall Have Idaho Power Submit Paperwork To The ACHD Utility Coordinator For The Connection A Minimum Of Sixty (60) Working Days Prior To Activating The New Power Supply. The Contractor Shall Be Responsible For All Electrical Permit Fees.
- B** Refer To Illumination And Interconnect Plan Sheets For Illumination And Interconnect Improvements. Luminaire Poles & Fixtures, Conduit, Junction Boxes And Cabling To Be Paid For By Separate Bid Items.
- K** Refer To School Zone Flasher Signal Plan & Details For Signal Conduit And Conductor Scheduling.



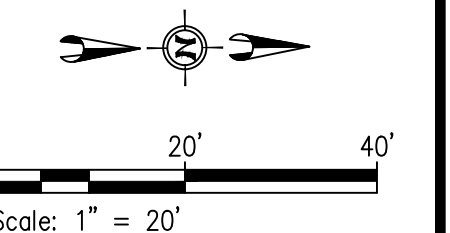
Signal Pole A  
Not to Scale



Signal Pole C  
Not to Scale



Pedestrian Push Button Poles B & D  
Not to Scale



Revisions:

• SIGNATURES •

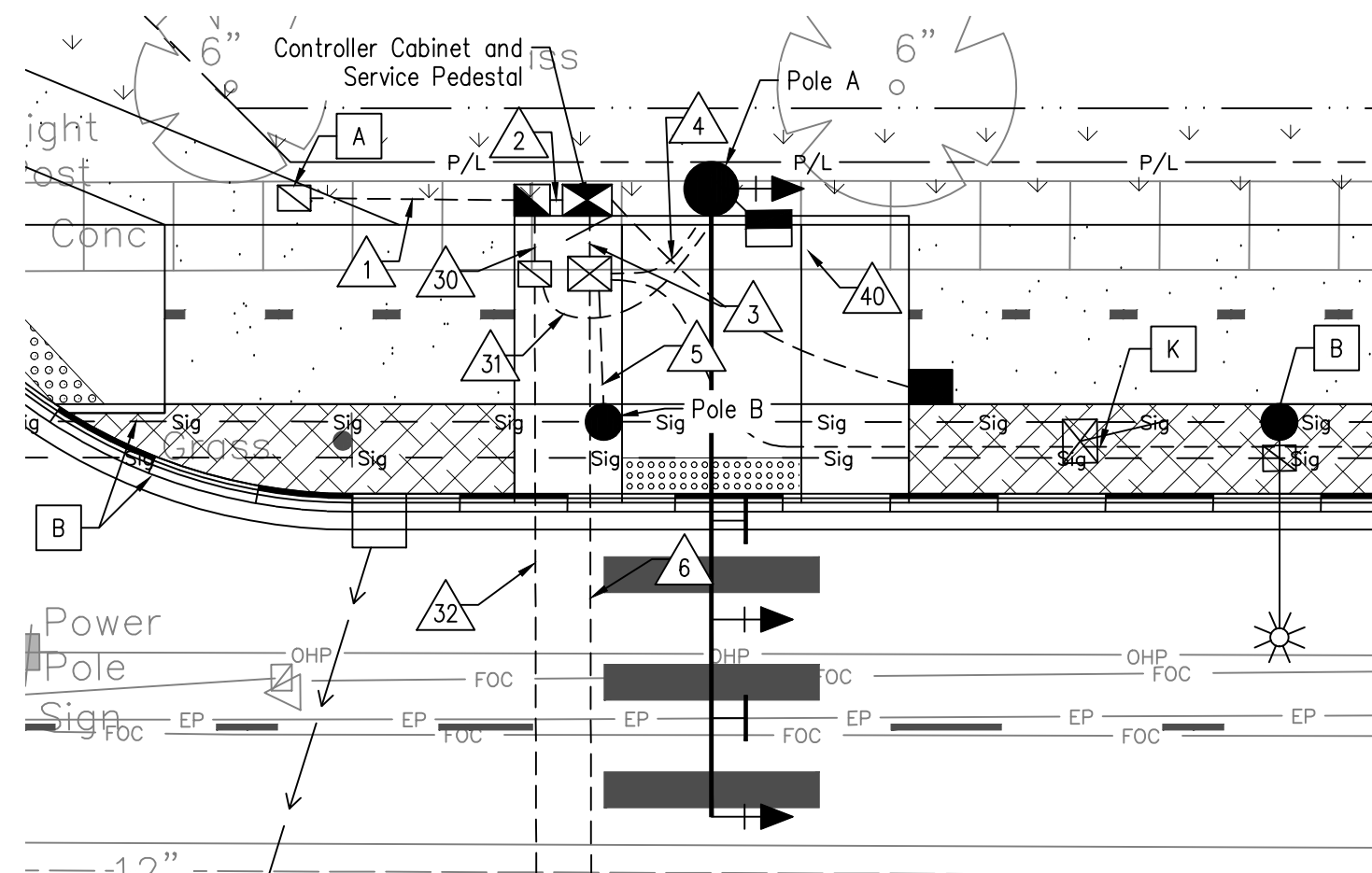
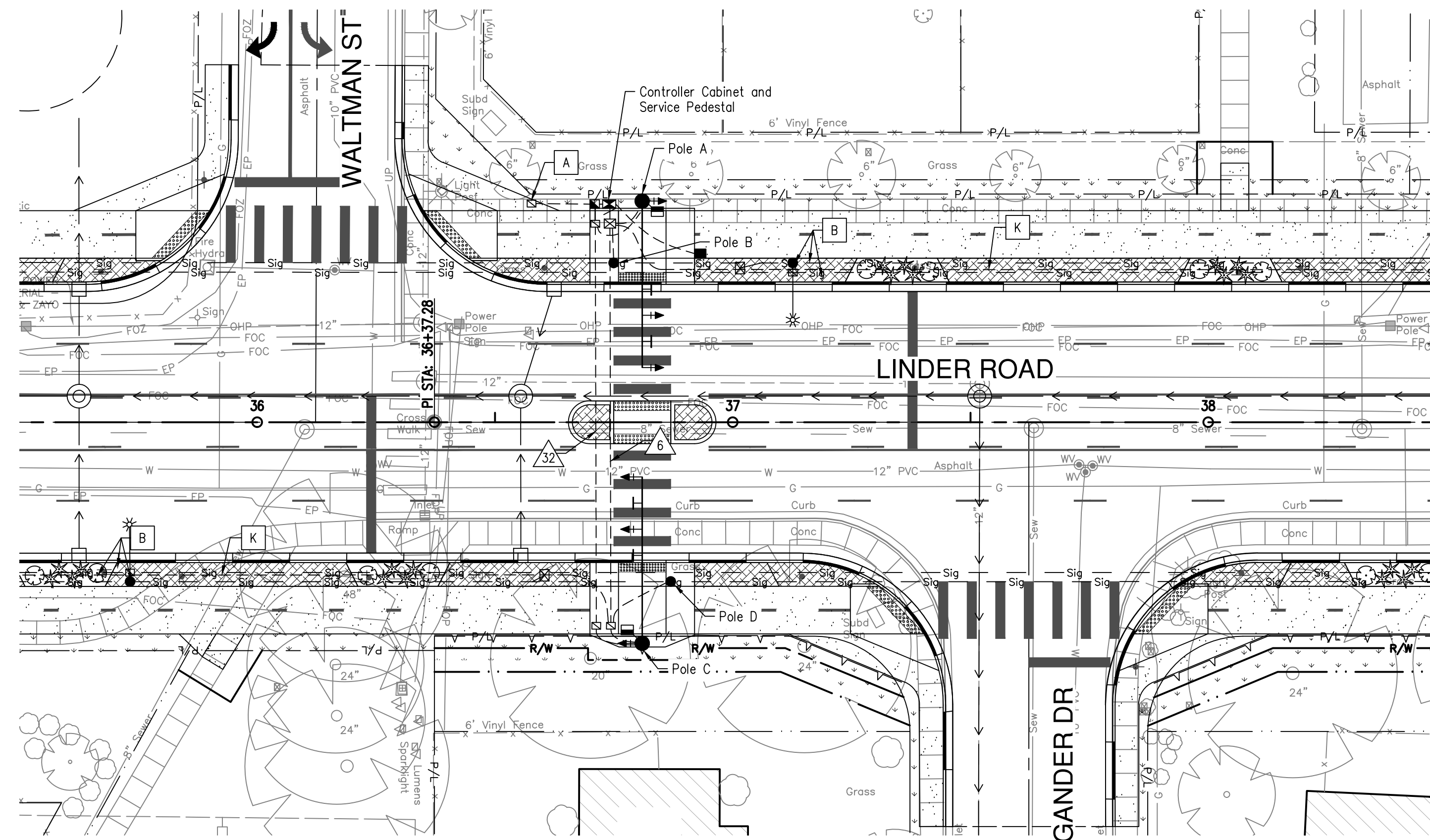
Design By: Precision Date: 06/2024 Drawn By: Precision Date: 06/2024

Pedestrian Hybrid Beacon (Waltman)



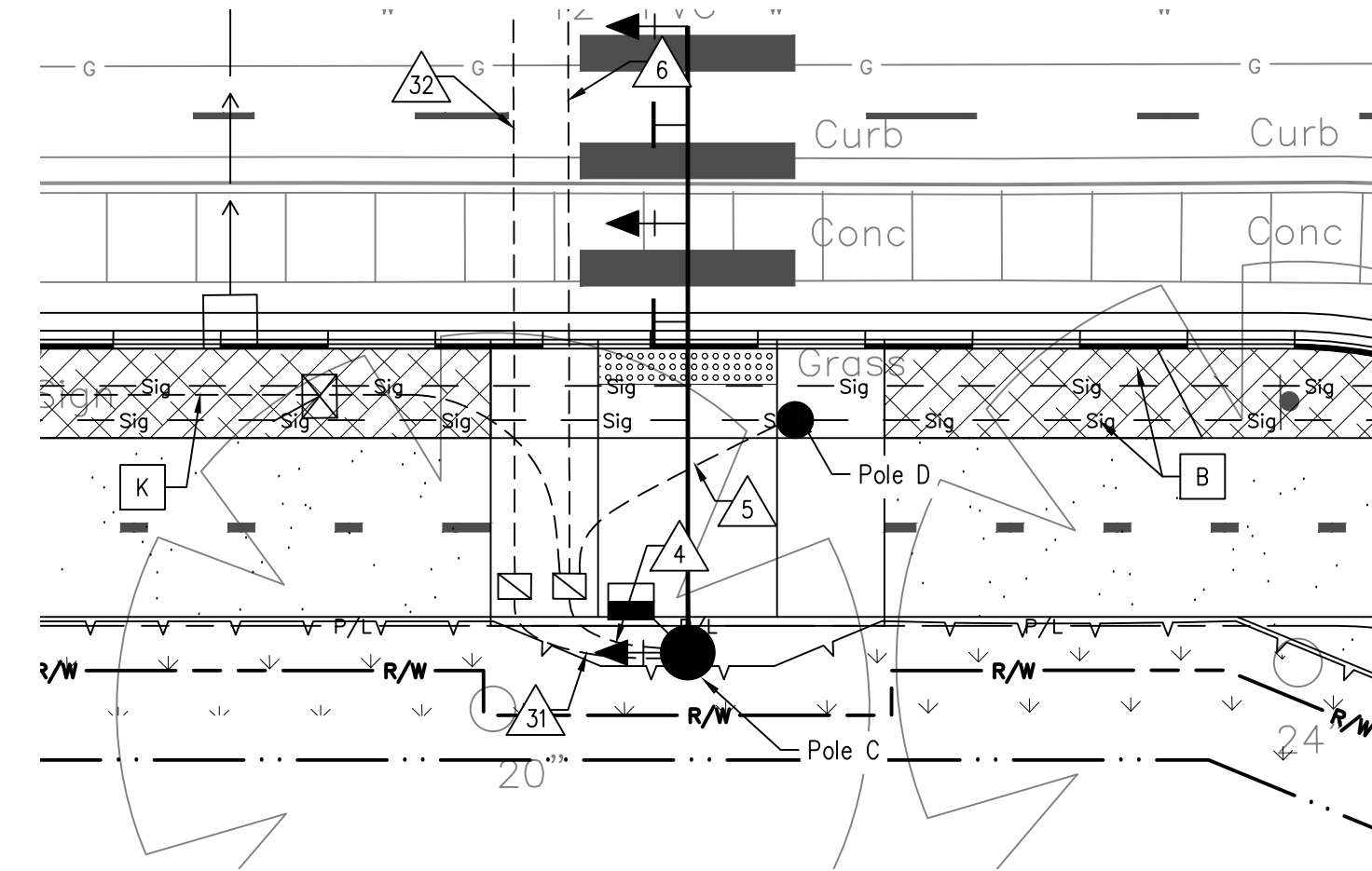
# CONDUIT AND CONDUCTOR SCHEDULE

NO.	CONDUIT	CONDUCTORS
1	2" RPC	3-3/0 Copper Or 3-4/0 Aluminum (200A Services)
2	2" RPC	2-#6, 1-#6 Bare (Signal Cabinet Service)
3	2" RPC 2" RPC 2" RPC	2-12C, 1-#6 Bare (Vehicle And Ped) Spare (Install Locate Wire) Spare (Install Locate Wire)
4	2" RPC	1-12C, 1-4C, 1-#6 Bare (Vehicle And Ped)
5	2" RPC	1-4C, 1-#6 Bare (Ped)
6	2" RPC 2" RPC	1-12C, 1-#6 Bare (Vehicle And Ped) Spare (Install Locate Wire)
30	2" RPC 2" RPC 2" RPC	Spare (Install Locate Wire) Spare (Install Locate Wire) Spare (Install Locate Wire)
31	2" RPC	Spare (Install Locate Wire)
32	2" RPC 2" RPC	Spare (Install Locate Wire) Spare (Install Locate Wire)
40	2" RPC 2" RPC	Spare (Install Locate Wire) Spare (Install Locate Wire)



Signal Cabinet and Pole A/B Area Conduit Layout

SCALE: NTS



Pole C/D Area Conduit Layout

SCALE: NTS

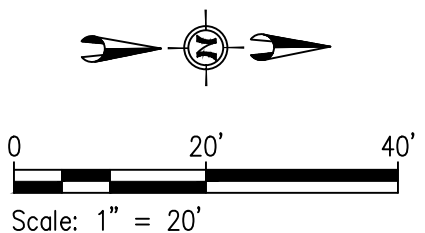
# NOTES

- Refer To ACHD Standard Traffic Details (TS Series) For Construction Details And Installation Requirements.
  - The Conduit Layout Shown Is Schematic. The Contractor Shall Maintain The Appropriate Clearance Between Adjacent Utilities.
  - Ground PHB Signal And Illumination System In Accordance With The Current Edition Of The NEC And The ACHD Traffic Supplemental Provisions.
  - Locations Of Existing Underground Structures And Utilities Such As Pipelines Conduits, Cables, Etc. Shown On The Traffic Signal Plans Are Approximate Only. It Is Not The Intent Of These Plans To Show The Exact Location Of All Underground Utilities And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With The Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractors Expense.
  - Information Shown On This Sheet Is Accurate Only For PHB Improvements Only.
  - Install 1-4C In The AGPS SPI Unit Located In The Pedestrian Signal Head To The Corresponding AGPS Push Button Assembly.
  - Install One Locate Wire (No. 12 Copper THWN, Green) In Each Conduit. Where Multiple Locate Wire Exists In The Junction Box, They Shall Be Bonded Together And Insulated. A Single Locate Wire Shall Be Installed To The Service Pedestal. All Locate Wire In Cabinets And Junction Boxes Shall Be Labeled As "Locate Wire" And Insulated From All Metallic Items And Ground Potential Sources, Incidental To Other Traffic Signal Bid Items.
- A** If Indicated On The Plans Or Directed By ACHD, The Contractor Shall Install A Three-wire Electrical Service To Be Used At 120/240 Volts, Single Phase, 60 Hertz AC Between The Power Supply And The Service Cabinet. The Contractor Shall Install A Junction Box A Maximum Of Two (2) Feet From The Power Supply. The Distance From The Power Source To The Service Cabinet Shall Not Exceed 300' Without Approval From The ACHD Signal Coordinator. The Contractor Shall Coordinate With Idaho Power For The Power Connection Location. The District Shall Be Responsible For All Idaho Power Fees Related To Power Supply And Connection. The Contractor Shall Have Idaho Power Submit Paperwork To The ACHD Utility Coordinator For The Connection A Minimum Of Sixty (60) Working Days Prior To Activating The New Power Supply. The Contractor Shall Be Responsible For All Electrical Permit Fees.
- B** Refer To Illumination And Interconnect Plan Sheets For Illumination And Interconnect Improvements. Luminaire Poles & Fixtures, Conduit, Junction Boxes And Cabling To Be Paid For By Separate Bid Items.
- K** Refer To School Zone Flasher Signal Plan & Details For Signal Conduit And Conductor Scheduling.

## TRAFFIC SIGNAL MATERIALS

POLE	POLE TYPE	SIGNAL MAST ARM	LUMINAIRE	SIGNAL MOUNTING LOCATION (SIGNAL HEAD NO.)	SIGNAL MOUNTING BRACKETS	MAST ARM SIGNS	FOUNDATION SEE TS-1110
Pole A	Signal Pole Pole Height: 18'	35'	N/A	0.0' From End (41) 11.0' From End (42) Pole Mounted (43)	Astro Bracket Astro Bracket	S1-1 (FYC) (48"x48") R10-23 (MOD) (36"x48")	D
Pole B	Pedestrian Push Button Pole Pole Height: 4'-10"	N/A	N/A	N/A	N/A	N/A	E
Pole C	Signal Pole Pole Height: 18'	35'	N/A	0.0' From End (81) 11.0' From End (82) Pole Mounted (83)	Astro Bracket Astro Bracket	S1-1 (FYC) (48"x48") R10-23 (MOD) (36"x48")	D
Pole D	Pedestrian Push Button Pole Pole Height: 4'-10"	N/A	N/A	N/A	N/A	N/A	E

Note: The Backfill For The Pole Foundations Shall Be Controlled Density Fill



Revisions:

• SIGNATURES •

Design By: Precision

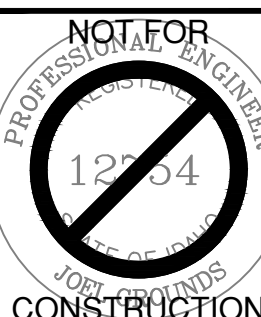
Date: 06/2024

Drawn By: Precision

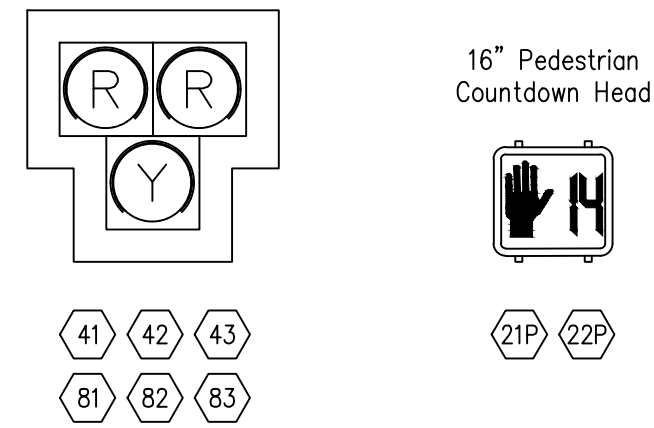
Date: 06/2024

• SHEET TITLE •  
**Pedestrian Hybrid Beacon (Waltman)**

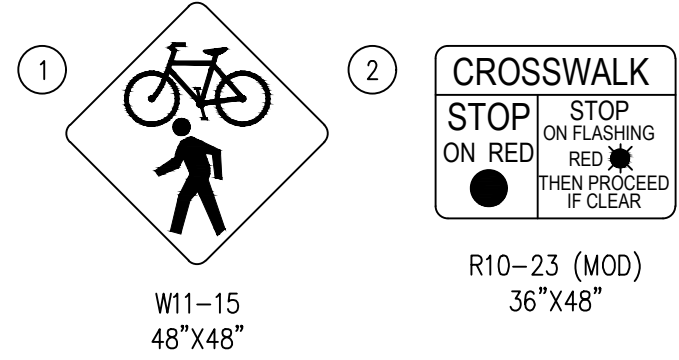
PRECISION ENGINEERING



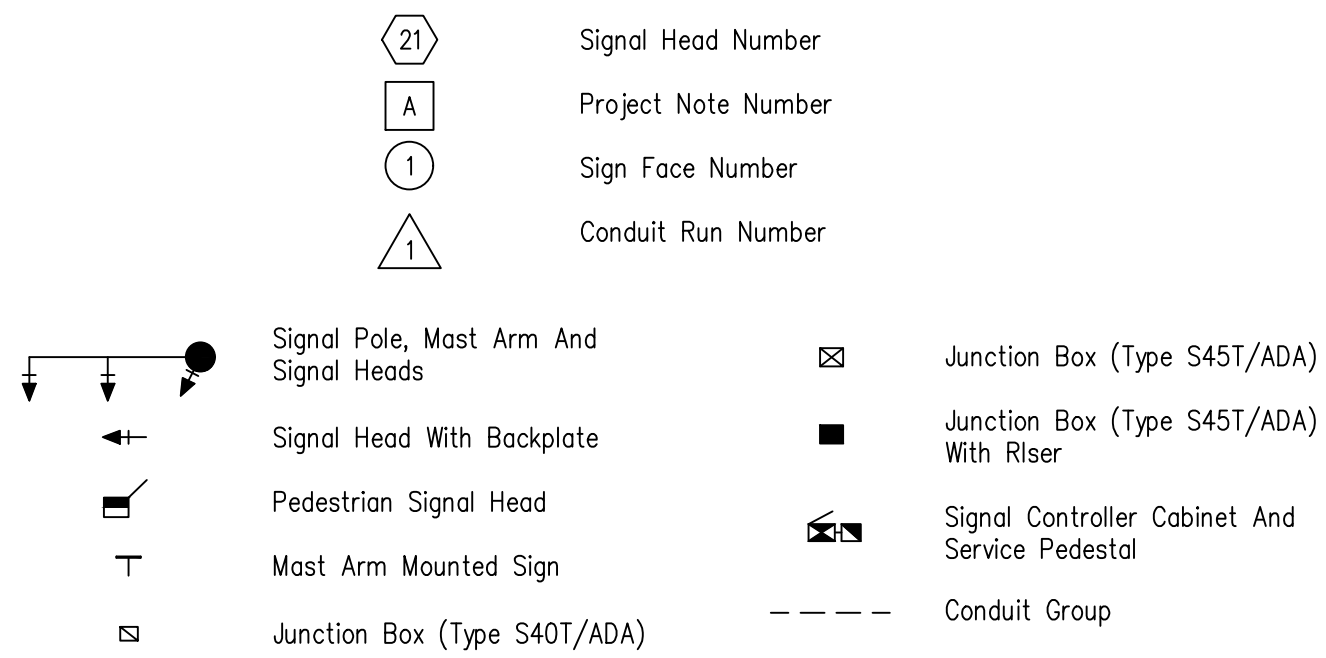
# SIGNAL HEAD SCHEDULE



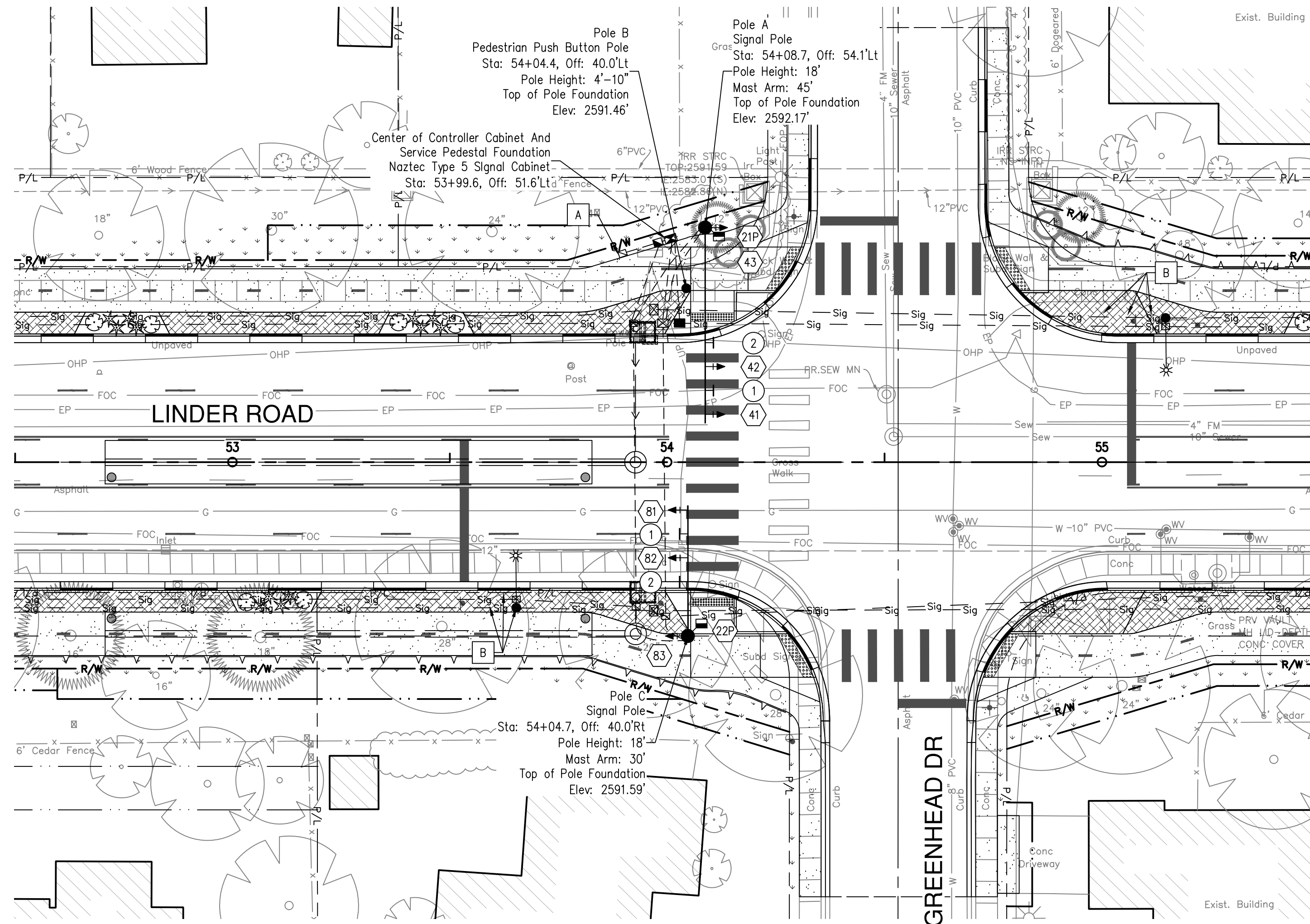
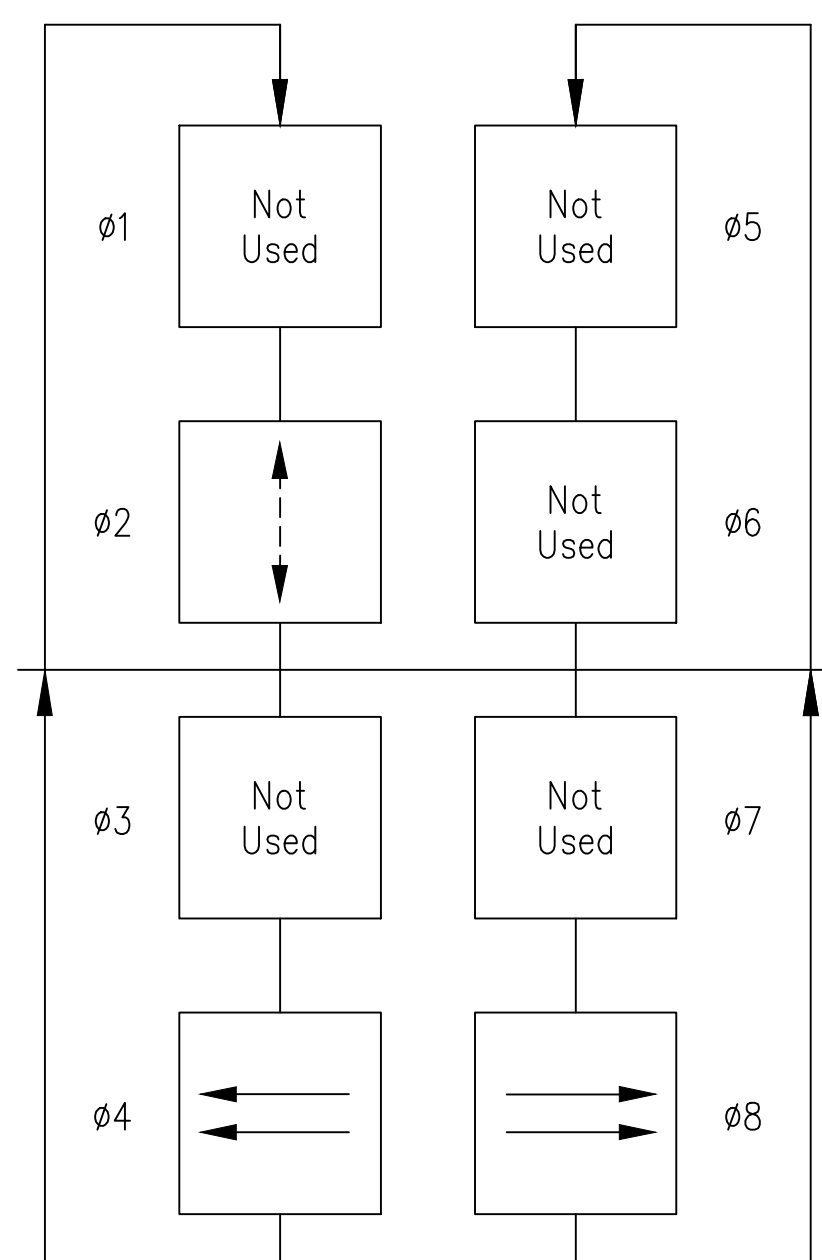
# MASTARM SIGN SCHEDULE



# TRAFFIC SIGNAL LEGEND

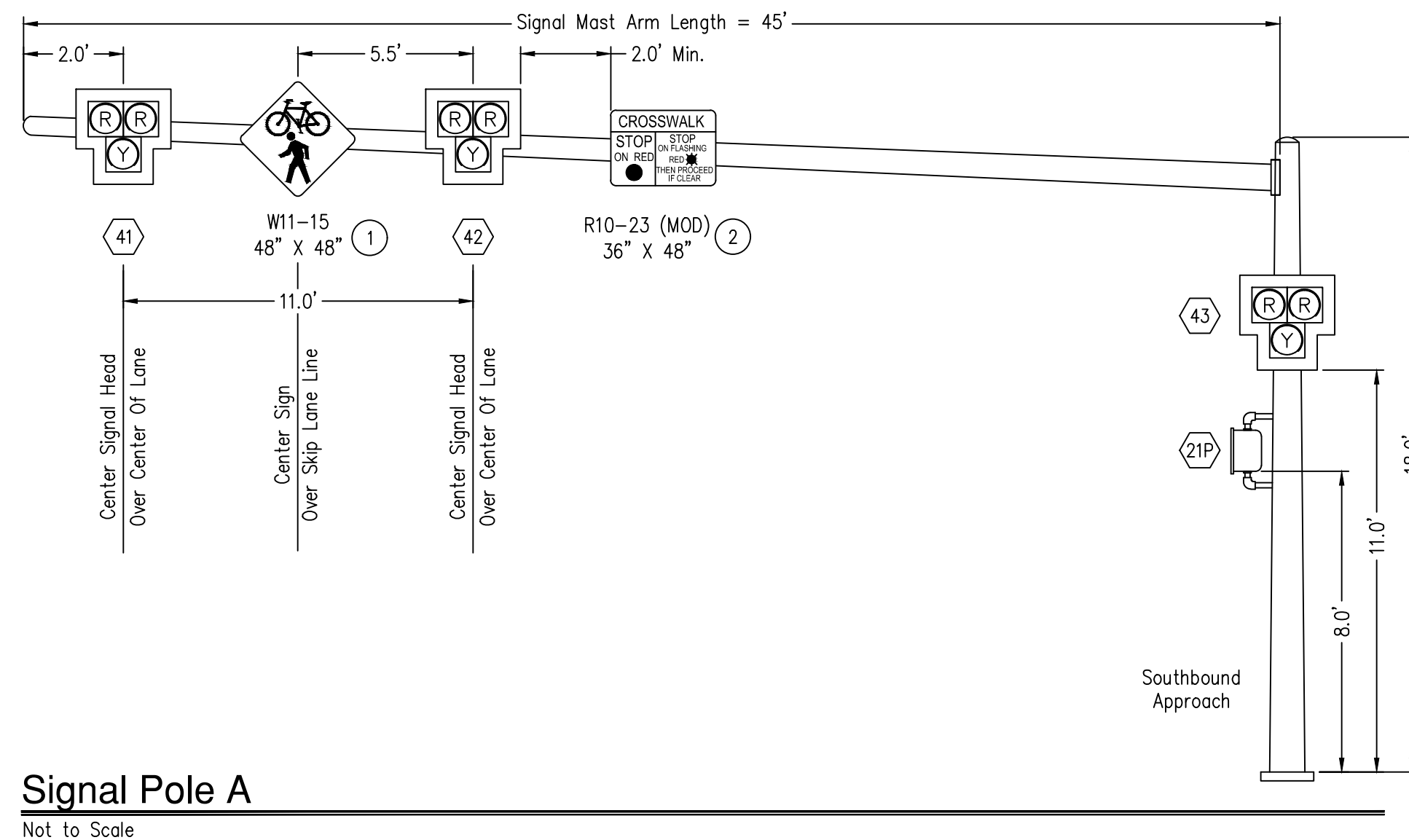


# PHASE DIAGRAM

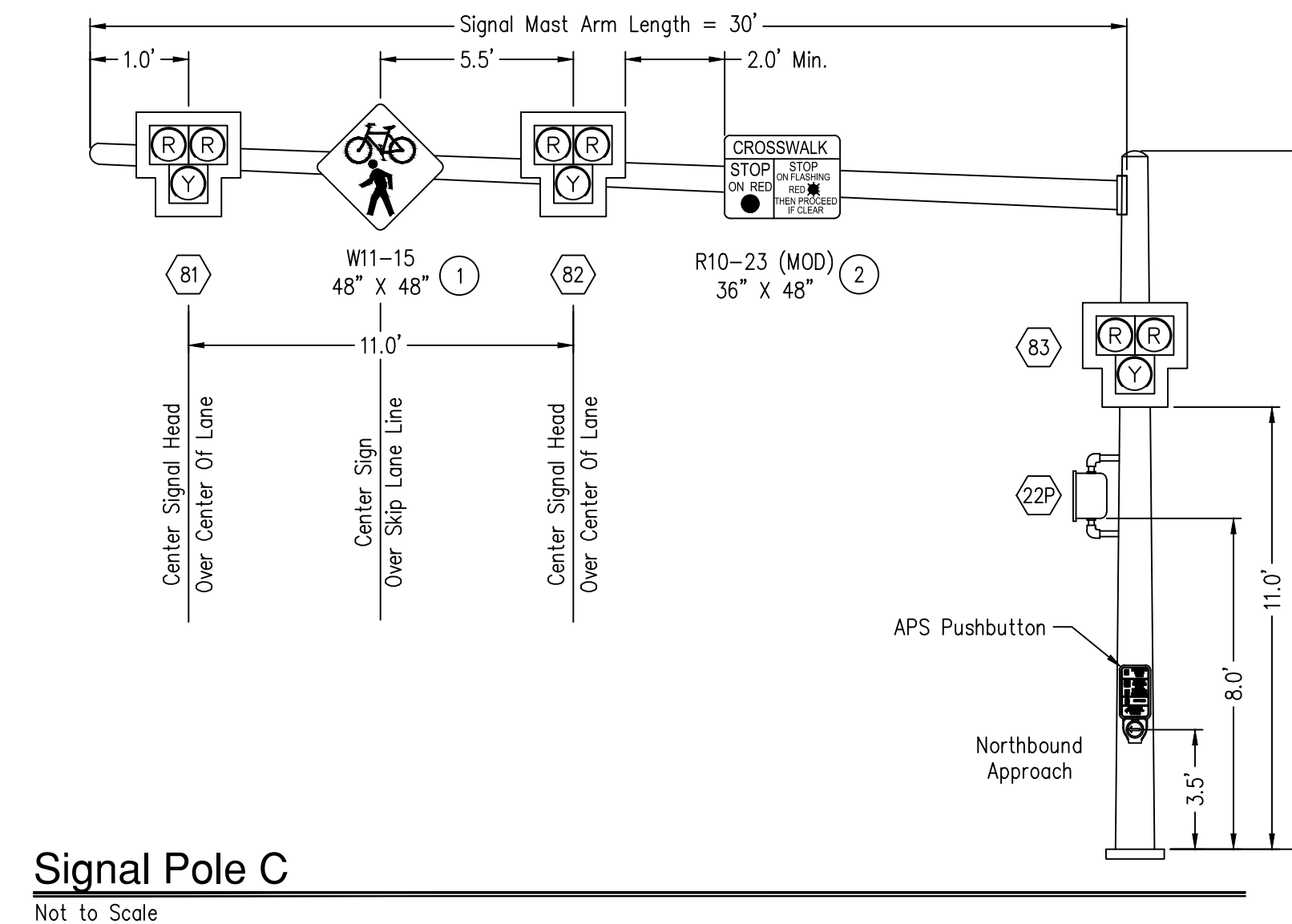


# NOTES

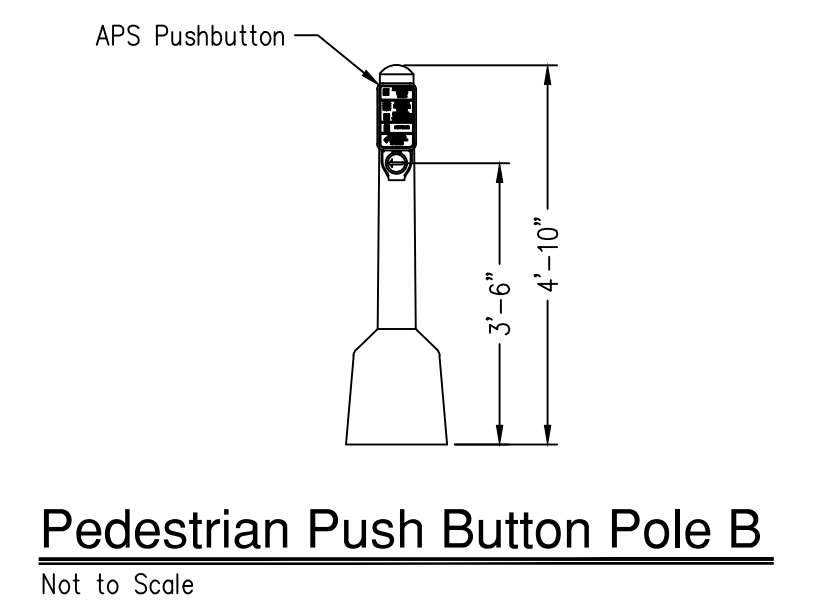
- Refer To ACHD Standard Traffic Details (TS Series) For Construction Details And Installation Requirements.
  - The Contractor Shall Verify And Check All Dimensions And Details Shown On The Drawings Prior To The Start Of Construction. Any Discrepancies Shall Be Immediately Brought To The Attention Of The Engineer For Clarification.
  - Ground The PHB Signal And Illumination System In Accordance With The Current Edition Of The NEC And The ACHD Traffic Supplemental Provisions.
  - The Locations Of The PHB Signal Cabinet, Service Pedestal And PHB Signal Poles Foundations Shall Be Field Verified By ACHD Prior To Installation. ACHD Forces Must Be Notified At Least Two Working Days Prior To Installation.
  - Locations Of Existing Underground Structures And Utilities Such As Pipelines Conduits, Cables, Etc. Shown On The Traffic Signal Plans Are Approximate Only. It Is Not The Intent Of These Plans To Show The Exact Location Of All Underground Utilities And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With The Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractors Expense.
  - All Traffic Control Devices Shall Conform To The Latest Edition Of The Manual Of Uniform Traffic Control Devices (MUTCD).
  - Information Shown On This Sheet Is Accurate Only For PHB Signal Improvements.
  - Regulatory Signs Mounted On PHB Signal Mast Arms Are Incidental To The PHB Signal Installation And Are Not Paid For Separately.
  - Refer To The Signing And Pavement Marking Plans For Additional Roadside Mounted Signs Related To The Installation Of The PHB Signal.
  - Pedestrian Push Button Extension Arm Shall Be Installed When The Maximum Distance From Face Of Curb Or Back Of Pedestrian Ramp And Pedestrian Push Button Is Greater Than 10 Inches At Any Location. Pedestrian Push Button With Extension Not To Obstruct Pedestrian Walking Path.
- A** If Indicated On The Plans Or Directed By ACHD, The Contractor Shall Install A Three-Wire Electrical Service To Be Used At 120/240 Volts, Single Phase, 60 Hertz AC Between The Power Supply And The Service Cabinet. The Contractor Shall Install A Junction Box A Maximum Of Two (2) Feet From The Power Supply. The Distance From The Power Source To The Service Cabinet Shall Not Exceed 300' Without Approval From The ACHD Signal Coordinator. The Contractor Shall Coordinate With Idaho Power For The Power Connection Location. The District Shall Be Responsible For All Idaho Power Fees Related To Power Supply And Connection. The Contractor Shall Have Idaho Power Submit Paperwork To The ACHD Utility Coordinator For The Connection A Minimum Of Sixty (60) Working Days Prior To Activating The New Power Supply. The Contractor Shall Be Responsible For All Electrical Permit Fees.
- B** Refer To Illumination And Interconnect Plan Sheets For Illumination And Interconnect Improvements. Luminaire Poles & Fixtures, Conduit, Junction Boxes And Cabling To Be Paid For By Separate Bid Items.



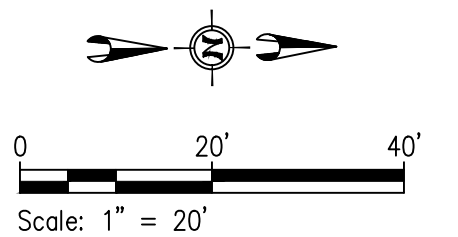
Signal Pole A  
Not to Scale



Signal Pole C  
Not to Scale



Pedestrian Push Button Pole B  
Not to Scale



Revisions:

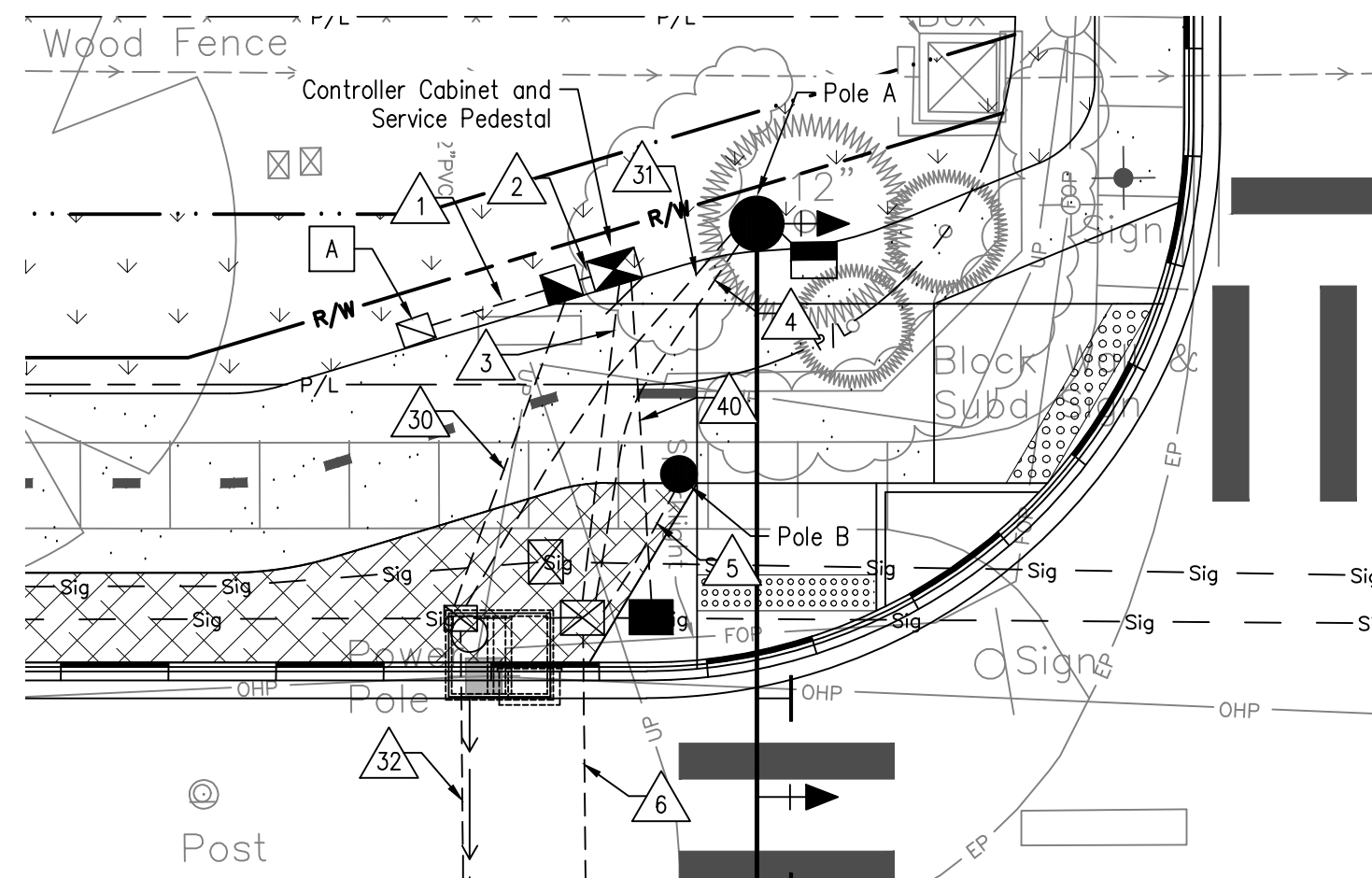
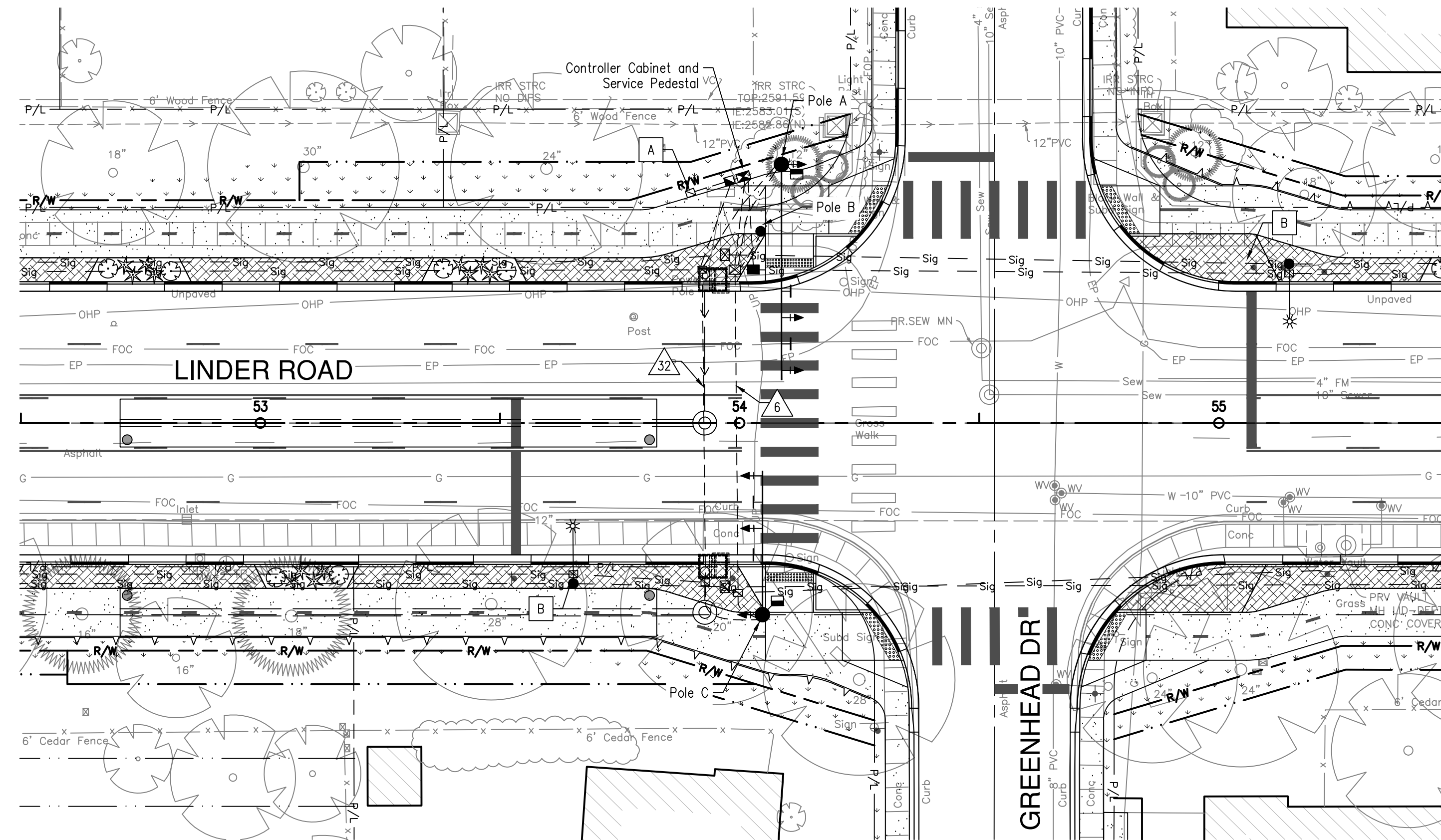
• SIGNATURES •

Design By: Precision Date: 06/2024 Drawn By: Precision Date: 06/2024

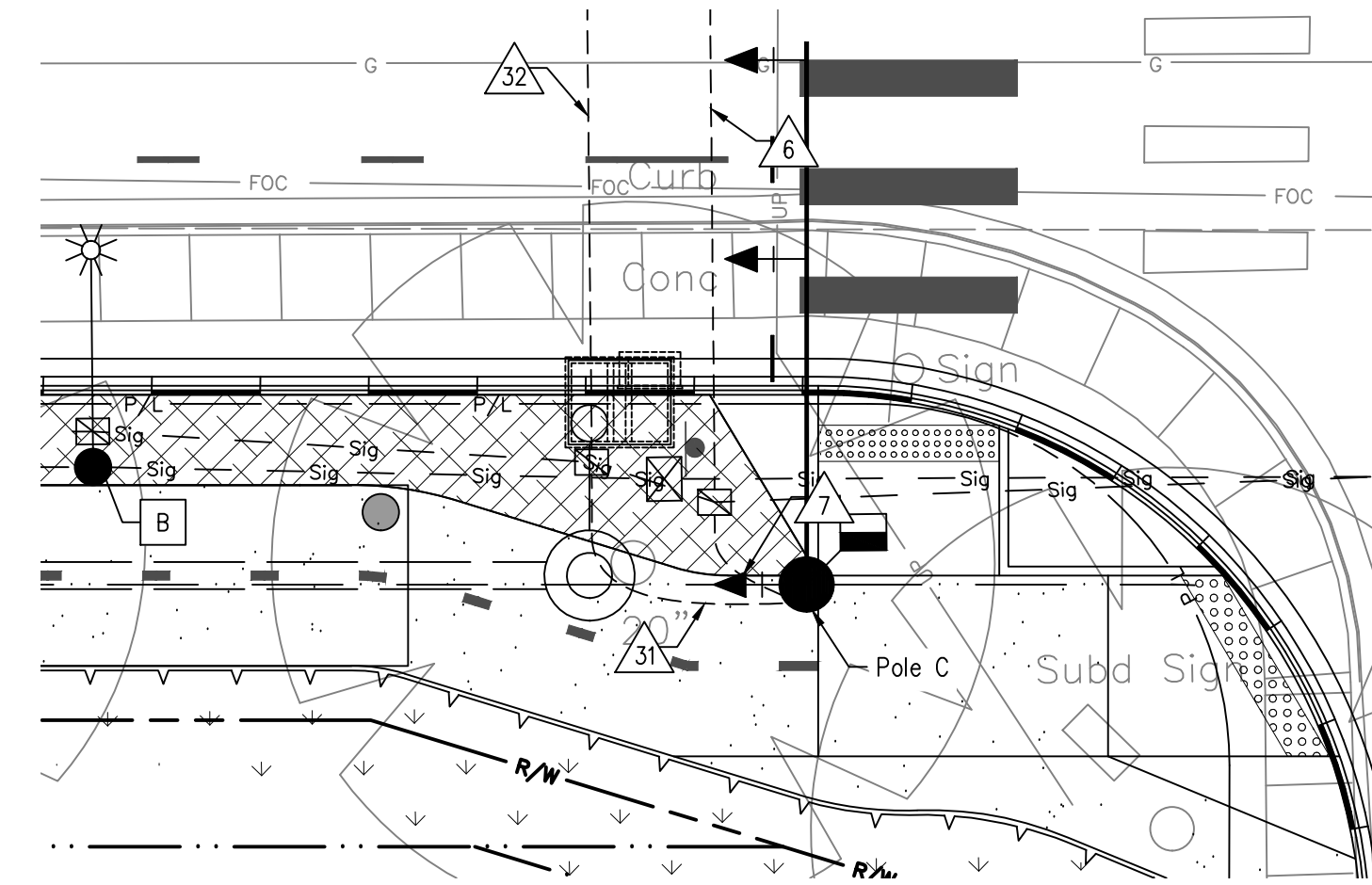
• SHEET TITLE •  
Pedestrian Hybrid Beacon (Greenhead)

# CONDUIT AND CONDUCTOR SCHEDULE

NO.	CONDUIT	CONDUCTORS
1	2" RPC	3-3/0 Copper Or 3-4/0 Aluminum (200A Services)
2	2" RPC	2-#6, 1-#6 Bare (Signal Cabinet Service)
3	2" RPC 2" RPC 2" RPC	2-12C, 1-#6 Bare (Vehicle And Ped) Spare (Install Locate Wire) Spare (Install Locate Wire)
4	2" RPC	1-12C, 1-4C, 1-#6 Bare (Vehicle And Ped)
5	2" RPC	1-4C, 1-#6 Bare (Ped)
6	2" RPC 2" RPC	1-12C, 1-#6 Bare (Vehicle And Ped) Spare (Install Locate Wire)
7	2" RPC	1-12C, 1-#6 Bare (Vehicle And Ped)
30	2" RPC 2" RPC 2" RPC	Spare (Install Locate Wire) Spare (Install Locate Wire) Spare (Install Locate Wire)
31	2" RPC	Spare (Install Locate Wire)
32	2" RPC 2" RPC	Spare (Install Locate Wire) Spare (Install Locate Wire)
40	2" RPC 2" RPC	Spare (Install Locate Wire) Spare (Install Locate Wire)



Signal Cabinet and Pole A/B Area Conduit Layout  
SCALE: NTS



Pole C Area Conduit Layout  
SCALE: NTS

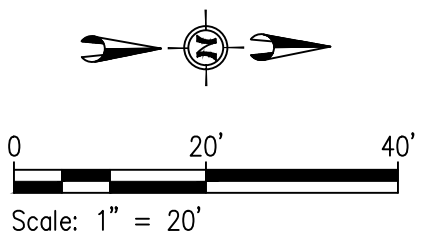
## TRAFFIC SIGNAL MATERIALS

POLE	POLE TYPE	SIGNAL MAST ARM	LUMINAIRE	SIGNAL MOUNTING LOCATION (SIGNAL HEAD NO.)	SIGNAL MOUNTING BRACKETS	MAST ARM SIGNS	FOUNDATION SEE TS-1110
Pole A	Signal Pole Pole Height: 18'	45'	N/A	2.0' From End (41) 13.0' From End (42) Pole Mounted (43)	Astro Bracket Astro Bracket	W11-15 (48"x48") R10-23 (MOD) (36"x48")	D
Pole B	Pedestrian Push Button Pole Pole Height: 4'-10"	N/A	N/A	N/A	N/A	N/A	E
Pole C	Signal Pole Pole Height: 18'	30'	N/A	1.0' From End (81) 12.0' From End (82) Pole Mounted (83)	Astro Bracket Astro Bracket	W11-15 (48"x48") R10-23 (MOD) (36"x48")	D

Note: The Backfill For The Pole Foundations Shall Be Controlled Density Fill

## NOTES

- Refer To ACHD Standard Traffic Details (TS Series) For Construction Details And Installation Requirements.
  - The Conduit Layout Shown Is Schematic. The Contractor Shall Maintain The Appropriate Clearance Between Adjacent Utilities.
  - Ground PHB Signal And Illumination System In Accordance With The Current Edition Of The NEC And The ACHD Traffic Supplemental Provisions.
  - Locations Of Existing Underground Structures And Utilities Such As Pipelines Conduits, Cables, Etc. Shown On The Traffic Signal Plans Are Approximate Only. It Is Not The Intent Of These Plans To Show The Exact Location Of All Underground Utilities And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With The Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractors Expense.
  - Information Shown On This Sheet Is Accurate Only For PHB Improvements Only.
  - Install 1-4C In The AGPS SPI Unit Located In The Pedestrian Signal Head To The Corresponding AGPS Push Button Assembly.
  - Install One Locate Wire (No. 12 Copper THWN, Green) In Each Conduit. Where Multiple Locate Wire Exists In The Junction Box, They Shall Be Bonded Together And Insulated. A Single Locate Wire Shall Be Installed To The Service Pedestal. All Locate Wire In Cabinets And Junction Boxes Shall Be Labeled As "Locate Wire" And Insulated From All Metallic Items And Ground Potential Sources, Incidental To Other Traffic Signal Bid Items.
- A** If Indicated On The Plans Or Directed By ACHD, The Contractor Shall Install A Three-wire Electrical Service To Be Used At 120/240 Volts, Single Phase, 60 Hertz AC Between The Power Supply And The Service Cabinet. The Contractor Shall Install A Junction Box A Maximum Of Two (2) Feet From The Power Supply. The Distance From The Power Source To The Service Cabinet Shall Not Exceed 300' Without Approval From The ACHD Signal Coordinator. The Contractor Shall Coordinate With Idaho Power For The Power Connection Location. The District Shall Be Responsible For All Idaho Power Fees Related To Power Supply And Connection. The Contractor Shall Have Idaho Power Submit Paperwork To The ACHD Utility Coordinator For The Connection A Minimum Of Sixty (60) Working Days Prior To Activating The New Power Supply. The Contractor Shall Be Responsible For All Electrical Permit Fees.
- B** Refer To Illumination And Interconnect Plan Sheets For Illumination And Interconnect Improvements. Luminaire Poles & Fixtures, Conduit, Junction Boxes And Cabling To Be Paid For By Separate Bid Items.



Revisions:

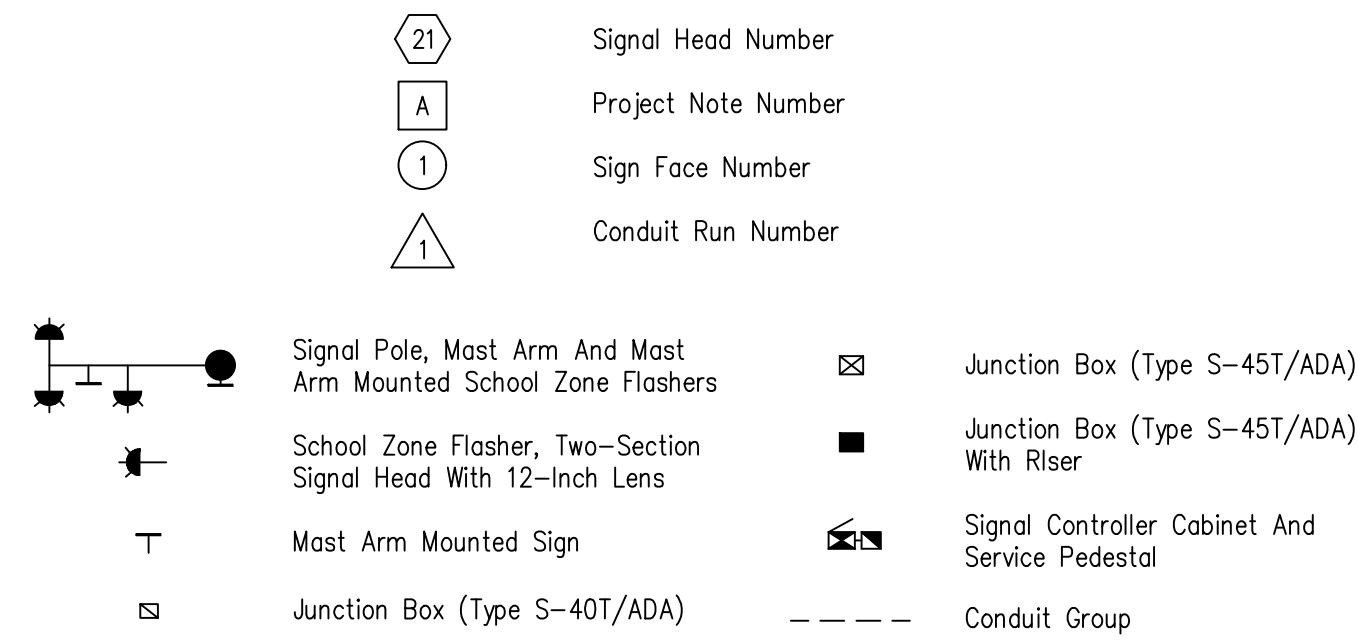
• SIGNATURES •

Design By: Precision Date: 06/2024 Drawn By: Precision Date: 06/2024

• SHEET TITLE •  
Pedestrian Hybrid Beacon (Greenhead)



**TRAFFIC SIGNAL LEGEND**

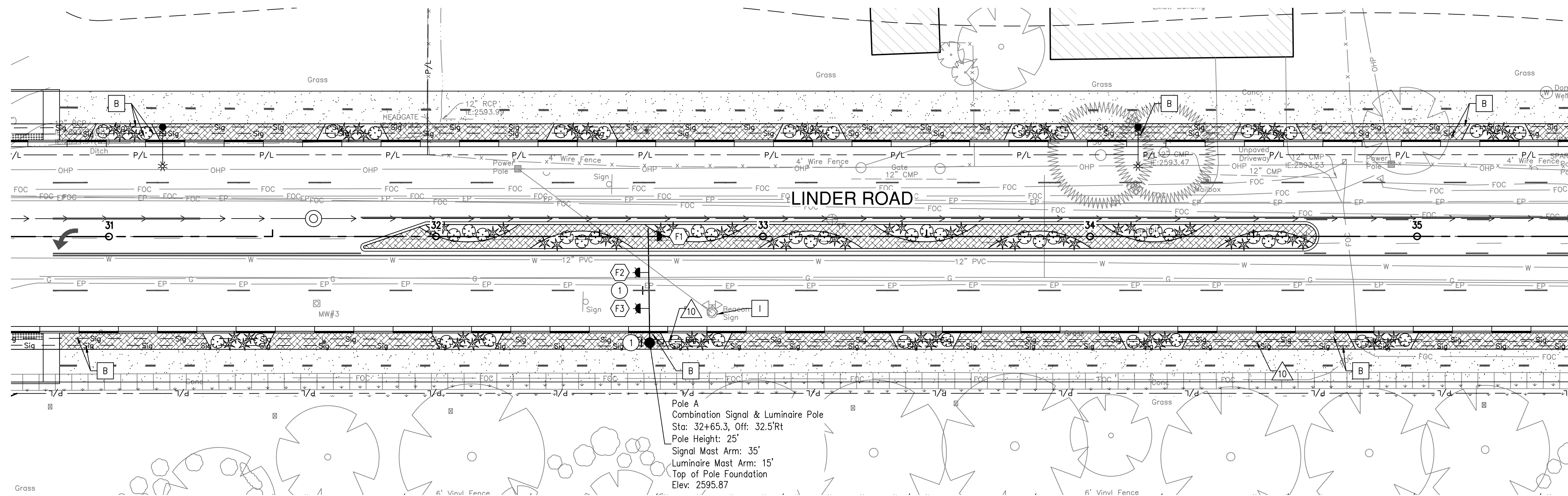


**CONDUIT AND CONDUCTOR SCHEDULE**

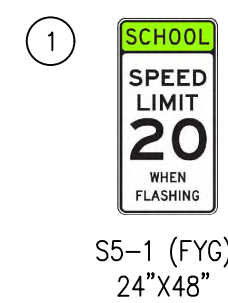
NO.	CONDUIT	CONDUCTORS
10	2" RPC	1-5C, 1-#6 Bare (Vehicle - NB School Zone Flasher)

**NOTES**

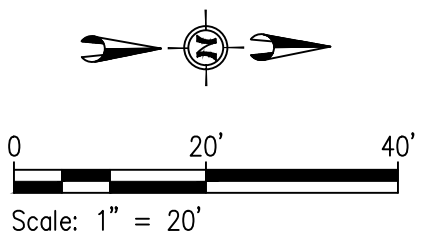
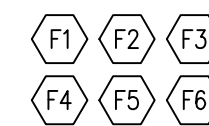
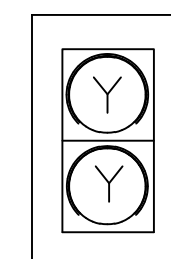
- Refer To ACHD Standard Traffic Details (TS Series) For Construction Details And Installation Requirements.
- The Contractor Shall Verify And Check All Dimensions And Details Shown On The Drawings Prior To The Start Of Construction. Any Discrepancies Shall Be Immediately Brought To The Attention Of The Engineer For Clarification.
- Ground The School Zone Flashers And Illumination System In Accordance With The Current Edition Of The NEC And The ACHD Traffic Supplemental Provisions.
- The Locations Of The School Zone Flasher Foundations Shall Be Field Verified By ACHD Prior To Installation. ACHD Forces Must Be Notified At Least Two Working Days Prior To Installation.
- Locations Of Existing Underground Structures And Utilities Such As Pipelines Conduits, Cables, Etc. Shown On The Traffic Signal Plans Are Approximate Only. It Is Not The Intent Of These Plans To Show The Exact Location Of All Underground Utilities And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With The Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractors Expense.
- All Traffic Control Devices Shall Conform To The Latest Edition Of The Manual Of Uniform Traffic Control Devices (MUTCD).
- Information Shown On This Sheet Is Accurate Only For School Zone Flasher Improvements.
- Regulatory Signs Mounted On School Zone Flasher Mast Arms Are Incidental To The School Zone Flasher Signal Installation And Are Not Paid For Separately.
- The Existing School Zone Flashers Located On Linder Rd Shall Remain In Operation Until The New School Zone Flashers Are Fully Operational. Remove And Salvage Existing School Zone Flasher Signal Poles, Signal Heads, Signs, Pole Mounted Power Service Meter, Breakers and Flasher Controller And All Related Equipment To ACHD Signal Shop. Contractor Shall Remove Concrete Foundations Minimum Of 18 Inches Below Finished Grade, Item 1131.01.01.D.
- The Conduit Layout Shown Is Schematic. The Contractor Shall Maintain The Appropriate Clearance Between Adjacent Utilities.
- Install One Locate Wire (No. 12 Copper THWN, Green) In Each Conduit. Where Multiple Locate Wire Exists In The Junction Box, They Shall Be Bonded Together And Insulated. A Single Locate Wire Shall Be Installed To The Service Pedestal. All Locate Wire In Cabinets And Junction Boxes Shall Be Labeled As "Locate Wire" And Insulated From All Metallic Items And Ground Potential Sources, Incidental To Other Traffic Signal Bid Items.
- Refer To Illumination And Interconnect Plan Sheets For Illumination And Interconnect Improvements. Luminaire Poles & Fixtures, Conduit, Junction Boxes And Cabling To Be Paid For By Separate Bid Items.
- Contractor Shall Coordinate With Idaho Power For The Service Disconnect Of Existing School Zone Flasher At The Weatherhead For Removal Of School Zone Flasher Pole. Contractor Shall Provide Minimum Of Ten (10) Working Days Notice To Idaho Power For Service Disconnect.



**MASTARM SIGN SCHEDULE**



**SIGNAL HEAD SCHEDULE**



Revisions:

• SIGNATURES •

Design By: Precision Date: 06/2024 Drawn By: Precision Date: 06/2024

SHEET TITLE School Zone Flasher Signal Plan & Details

# TRAFFIC SIGNAL LEGEND

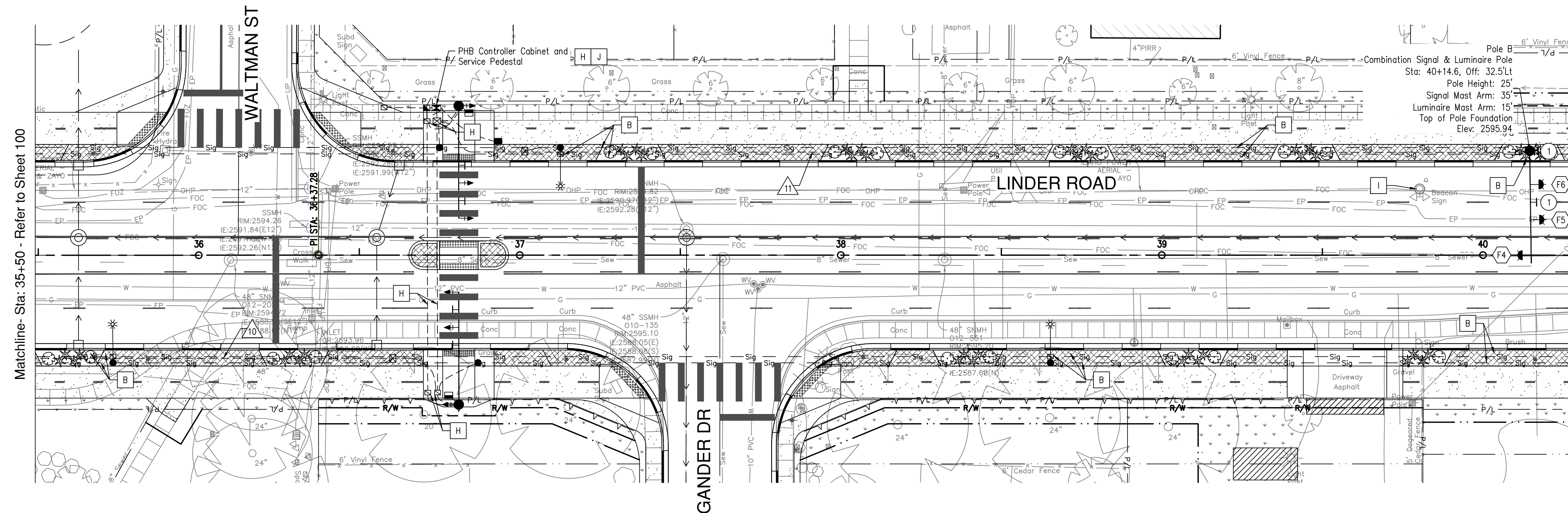
- Signal Head Number
- Project Note Number
- Sign Face Number
- Conduit Run Number
- Signal Pole, Mast Arm And Mast Arm Mounted School Zone Flashers
- School Zone Flasher, Two-Section Signal Head With 12-Inch Lens
- Mast Arm Mounted Sign
- Junction Box (Type S-40T/ADA)
- Junction Box (Type S-45T/ADA)
- Junction Box (Type S-45T/ADA) With Riser
- Signal Controller Cabinet And Service Pedestal
- Conduit Group

# CONDUIT AND CONDUCTOR SCHEDULE

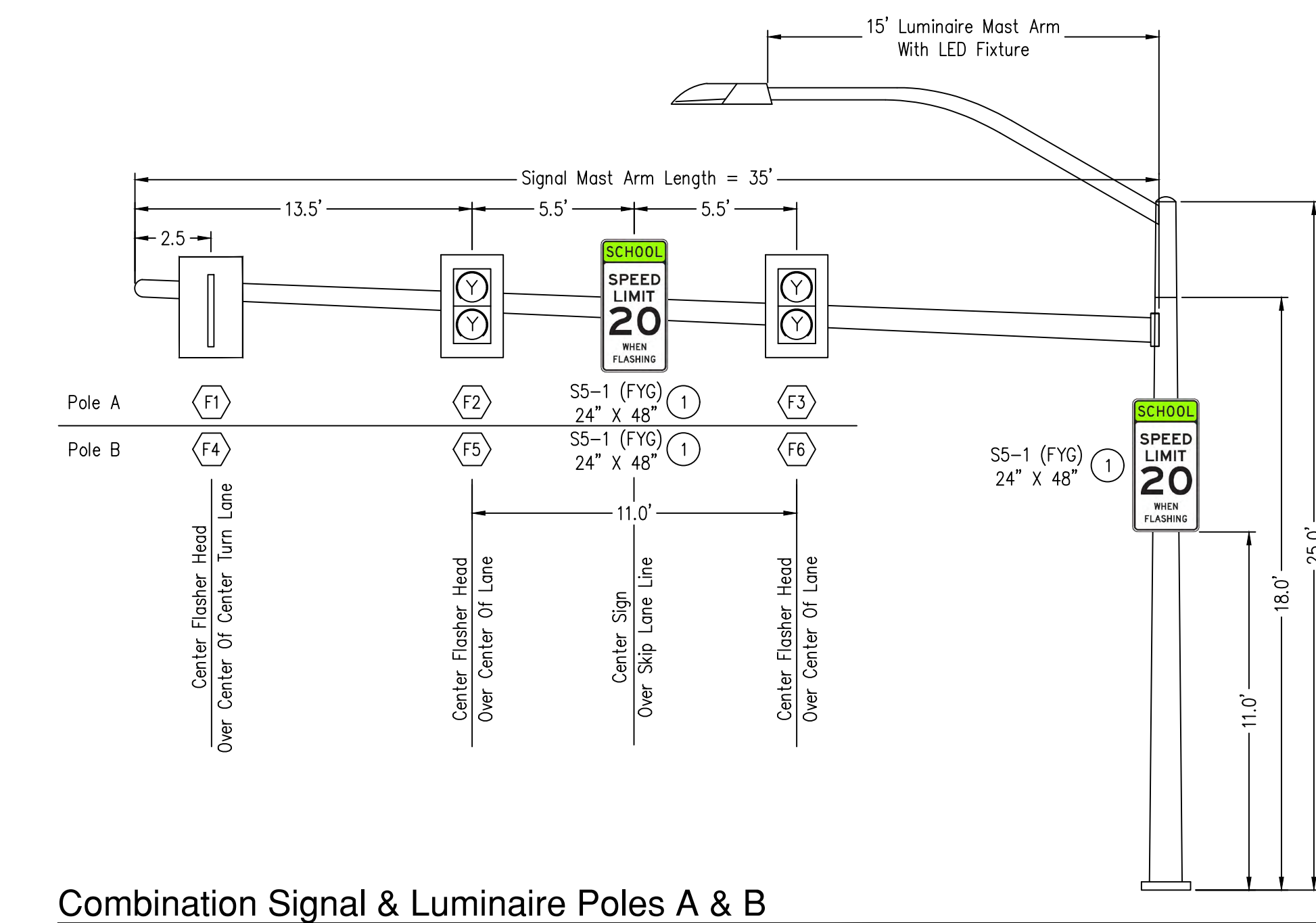
NO.	CONDUIT	CONDUCTORS
	2" RPC	1-5C, 1-#6 Bare (Vehicle - NB School Zone Flasher)
	2" RPC	1-5C, 1-#6 Bare (Vehicle - SB School Zone Flasher)

# NOTES

- Refer To ACHD Standard Traffic Details (TS Series) For Construction Details And Installation Requirements.
  - The Contractor Shall Verify And Check All Dimensions And Details Shown On The Drawings Prior To The Start Of Construction. Any Discrepancies Shall Be Immediately Brought To The Attention Of The Engineer For Clarification.
  - Ground The School Zone Flashers And Illumination System In Accordance With The Current Edition Of The NEC And The ACHD Traffic Supplemental Provisions.
  - The Locations Of The School Zone Flasher Foundations Shall Be Field Verified By ACHD Prior To Installation. ACHD Forces Must Be Notified At Least Two Working Days Prior To Installation.
  - Locations Of Existing Underground Structures And Utilities Such As Pipelines, Conduits, Cables, Etc. Shown On The Traffic Signal Plans Are Approximate Only. It Is Not The Intent Of These Plans To Show The Exact Location Of All Underground Utilities And Structures. It Is The Responsibility Of The Contractor To Verify The Locations Of All Existing Utilities With The Respective Owners. Existing Utilities Damaged By The Contractor Shall Be Repaired At The Contractors Expense.
  - All Traffic Control Devices Shall Conform To The Latest Edition Of The Manual Of Uniform Traffic Control Devices (MUTCD).
  - Information Shown On This Sheet Is Accurate Only For School Zone Flasher Improvements.
  - Regulatory Signs Mounted On School Zone Flasher Mast Arms Are Incidental To The School Zone Flasher Signal Installation And Are Not Paid For Separately.
  - The Existing School Zone Flashers Located On Linder Rd Shall Remain In Operation Until The New School Zone Flashers are Fully Operational. Remove And Salvage Existing School Zone Flasher Signal Poles, Signal Heads, Signs, Pole Mounted Power Service Meter, Breakers and Flasher Controller And All Related Equipment To ACHD Signal Shop. Contractor Shall Remove Concrete Foundations Minimum Of 18 Inches Below Finished Grade, Item 1131.01.01.D.
  - The Conduit Layout Shown Is Schematic. The Contractor Shall Maintain The Appropriate Clearance Between Adjacent Utilities.
  - Install One Locate Wire (No. 12 Copper THWN, Green) In Each Conduit. Where Multiple Locate Wire Exists In The Junction Box, They Shall Be Bonded Together And Insulated. A Single Locate Wire Shall Be Installed To The Service Pedestal. All Locate Wire In Cabinets And Junction Boxes Shall Be Labeled As "Locate Wire" And Insulated From All Metallic Items And Ground Potential Sources, Incidental To Other Traffic Signal Bid Items.
- B** Refer To Illumination And Interconnect Plan Sheets For Illumination And Interconnect Improvements. Luminaire Poles & Fixtures, Conduit, Junction Boxes And Cabling To Be Paid For By Separate Bid Items.
- H** Refer To Pedestrian Hybrid Beacon Plan & Details, Sheets 98-99 For Signal Conduit And Conductor Scheduling.
- I** Contractor Shall Coordinate With Idaho Power For The Service Disconnect Of Existing School Zone Flasher At The Weatherhead For Removal Of School Zone Flasher Pole. Contractor Shall Provide Minimum Of Ten (10) Working Days Notice To Idaho Power For Service Disconnect.
- J** Contractor Shall Install New School Zone Flasher Controller/Clock In PHB Traffic Signal Cabinet Located At Linder/Waltman, Incidental To Item 1131.01.01.B1



Matchline- Sta: 35+50 - Refer to Sheet 100

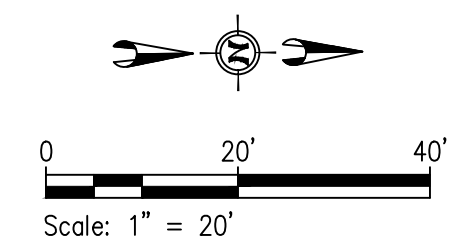


Combination Signal & Luminaire Poles A & B

Not to Scale

POLE	POLE TYPE	SIGNAL MAST ARM	LUMINAIRE	SIGNAL MOUNTING LOCATION (SIGNAL HEAD NO.)	SIGNAL MOUNTING BRACKETS	POLE MOUNTED SIGNS	FOUNDATION SEE TS-1110
Pole A	Combination Signal And Luminaire Pole Pole Height: 25'	35'	15' Mast Arm 100W LED Fixture	2.5' From End (F1) 13.5' From End (F2) 24.5' From End (F3)	Astro Bracket Astro Bracket Astro Bracket	S5-1 (FYG) (24"x48") S5-1 (FYG) (24"x48") (Pole Mounted)	D
Pole B	Combination Signal And Luminaire Pole Pole Height: 25'	35'	15' Mast Arm 100W LED Fixture	2.5' From End (F4) 13.5' From End (F5) 24.5' From End (F6)	Astro Bracket Astro Bracket Astro Bracket	S5-1 (FYG) (24"x48") S5-1 (FYG) (24"x48") (Pole Mounted)	D

Note: The Backfill For The Pole Foundations Shall Be Controlled Density Fill



Revisions:

• SIGNATURES •

Design By: Precision Date: 06/2024 Drawn By: Precision Date: 06/2024

SHEET TITLE  
School Zone Flasher Signal Plan & Details



Ada County Highway District

3775 Adams Street, Garden City, Idaho, 83714  
www.achdidaho.org

Project Number: 522038

Project Name: Linder Rd, Overland Rd To Franklin Rd

Sheet 101 Of 101

PRECISION ENGINEERING

