

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-6	TOTAL OWNERSHIP/SURVEY CONTROL
7	PROJECT CLEARANCE SUMMARY
8	TYPICAL SECTION
9-10	ROADWAY SUMMARY
11-37	PLAN SHEETS
38	APPROACH DETAIL
39	CULVERT CROSSING DETAIL
40	CONCRETE DRIVEWAY DETAIL
41-42	TEMPORARY TRAFFIC CONTROL
1-5	ITD STANDARD DETAILS
1-8	ITD STANDARD DRAWINGS

IDAHO

TRANSPORTATION DEPARTMENT

PLAN AND PROFILE OF PROPOSED

3700 N RD, BUHL HIGHWAY DISTRICT

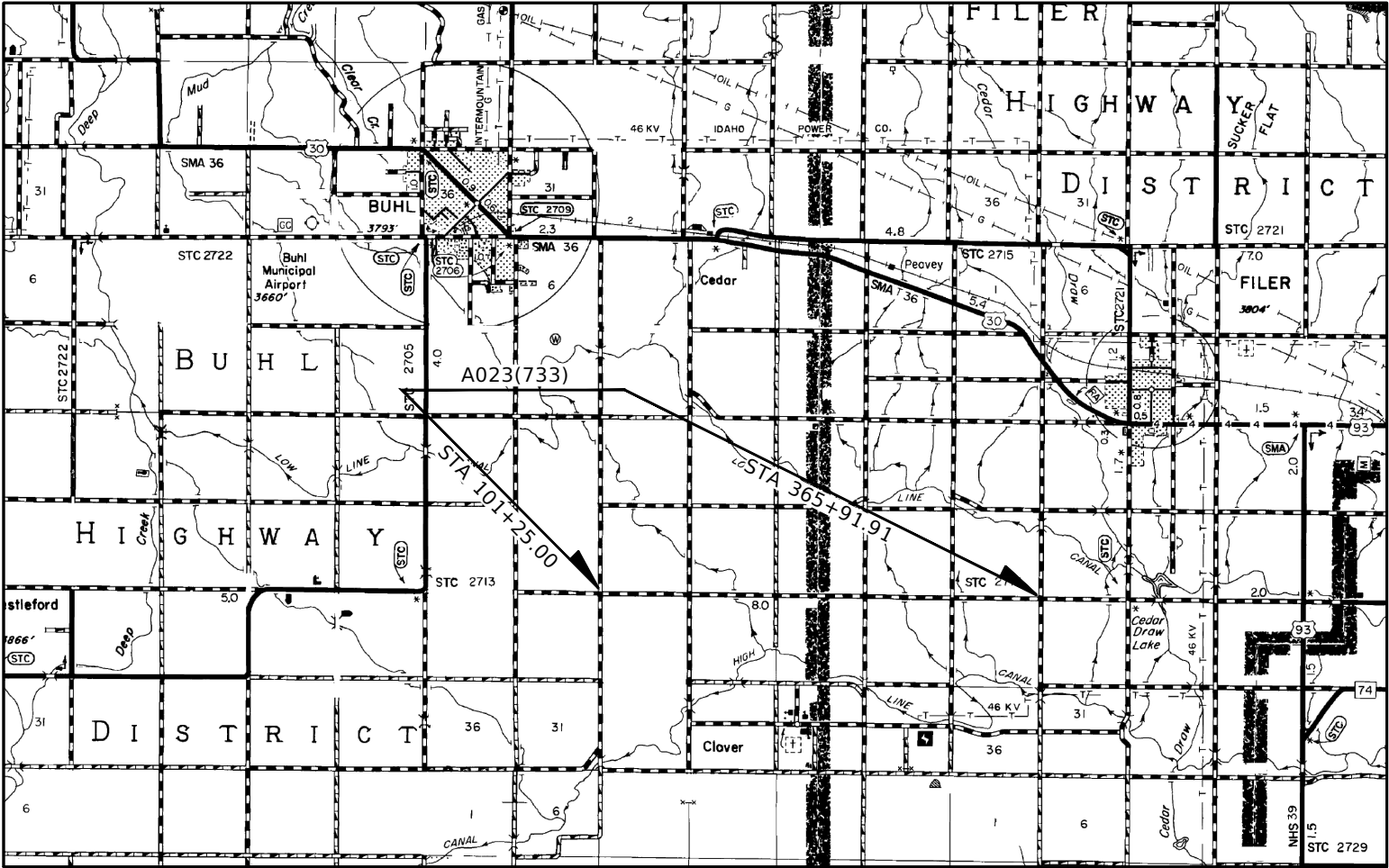
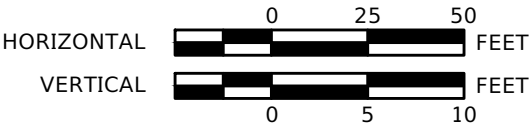
FEDERAL AID PROJECT NO. A023(733)

KEY NO. 23733

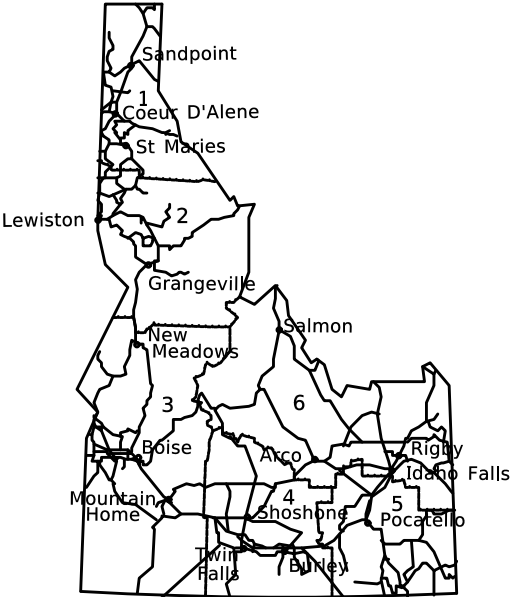
TWIN FALLS COUNTY

APRIL 2026

SCALES IN FEET



VICINITY MAP SCALE



ROADWAY REHAB

MP 12.89 - MP 17.89
SEGMENT CODE 007590

DESIGN DESIGNATION

ADT 2026	1500
ADT 2048	2190
DHV 2026	180
DHV 2048	260
D	60/40%
V	50 MPH
TRUCKS:	HEAVY
ADT 2026	240
ADT 2048	400
DHV 2026	20
DHV 2048	30

REVISIONS			
NO.	DATE	BY	DESCRIPTION

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

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME
23733 TITL 001

DRAWING DATE:
APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety → YOUR Mobility → YOUR Economic Opportunity

BUHL HIGHWAY DISTRICT



PROJECT NO.

A023(733)

TITLE SHEET

3700 N RD

ENGLISH

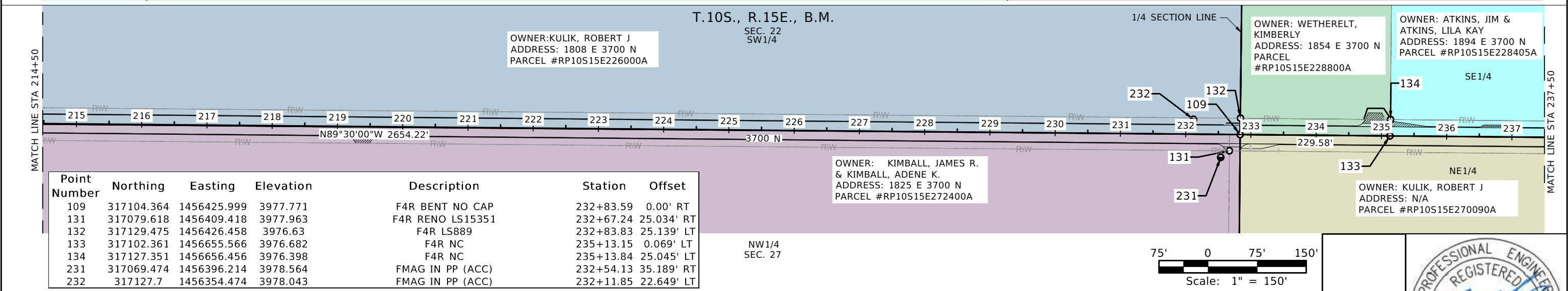
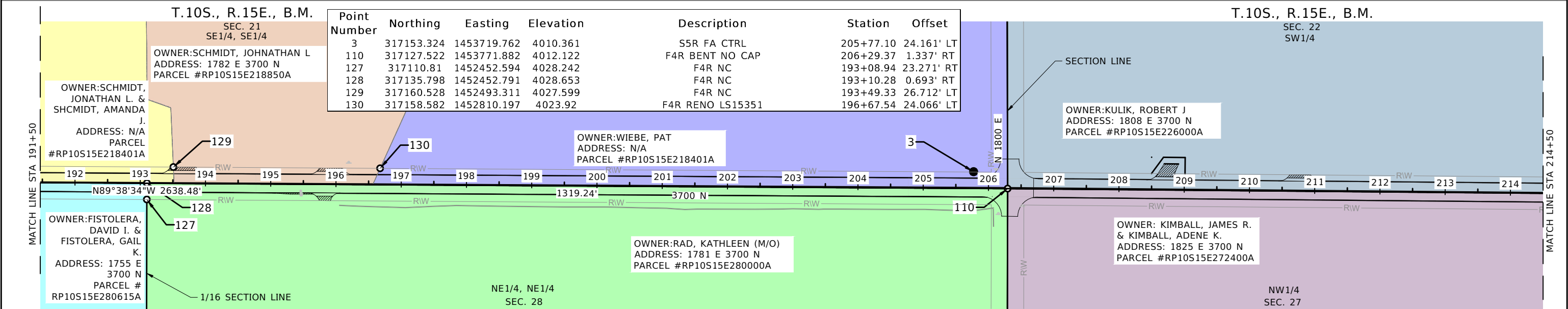
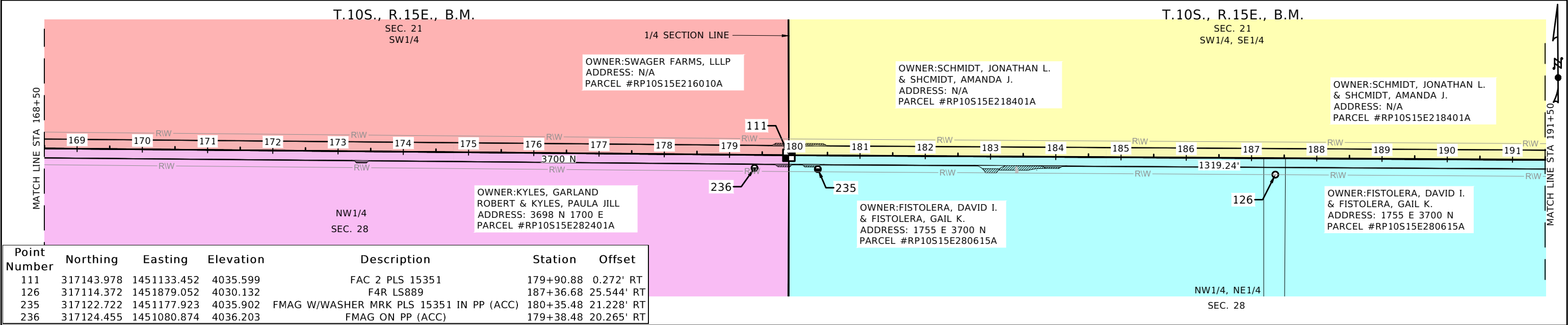
COUNTY TWIN FALLS

KEY NUMBER 23733

SHEET 1 OF 42

Jala Kral
Approved for Advertising
05/27/2026
Date Approved

REVISIONS				DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity		PROJECT NO.	TOTAL OWNERSHIP/SURVEY CONTROL	ENGLISH	
NO	DATE	BY	DESCRIPTION	DESIGN CHECKED R. BECKMAN				A023(733)	3700 N RD	COUNTY TWIN FALLS	
				DETAILED K. EBERSOLE				CADD FILE NAME 23733 OMAP 001	STA 100+00 TO STA 168+50	KEY NUMBER 23733	
				DRAWING CHECKED R. BECKMAN				DRAWING DATE: APRIL 2026		SHEET 2 OF 42	



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN	ARE FOR 11" X 17"
PRINTS ONLY	
CADD FILE NAME	23733 OMAP 001
DRAWING DATE:	APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety--YOUR Mobility--YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

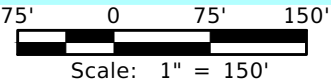
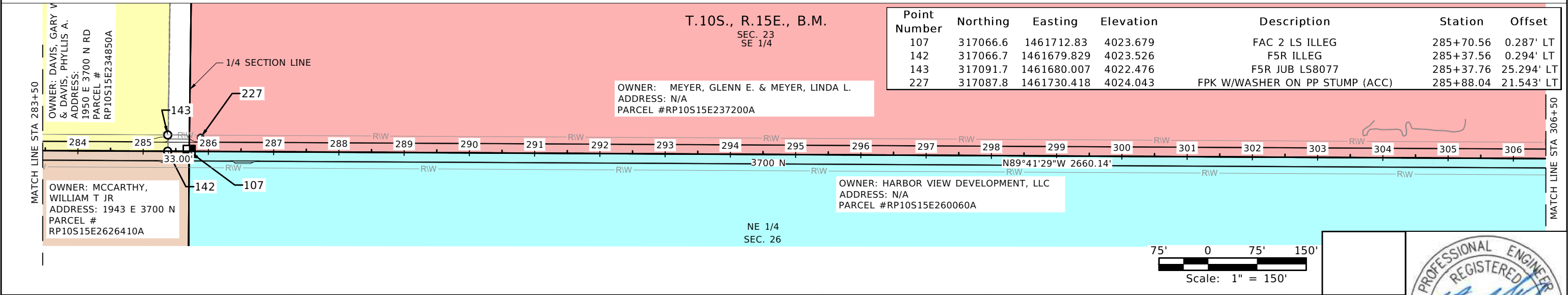
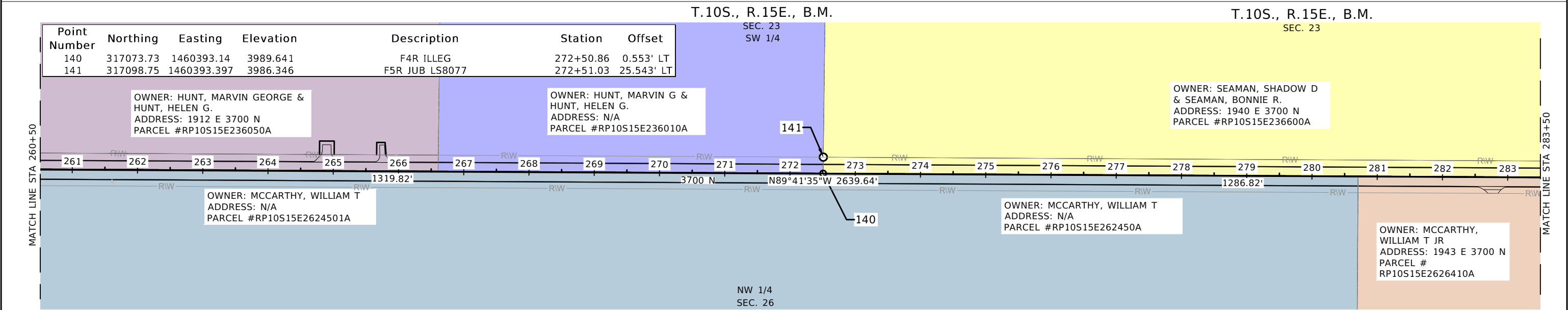
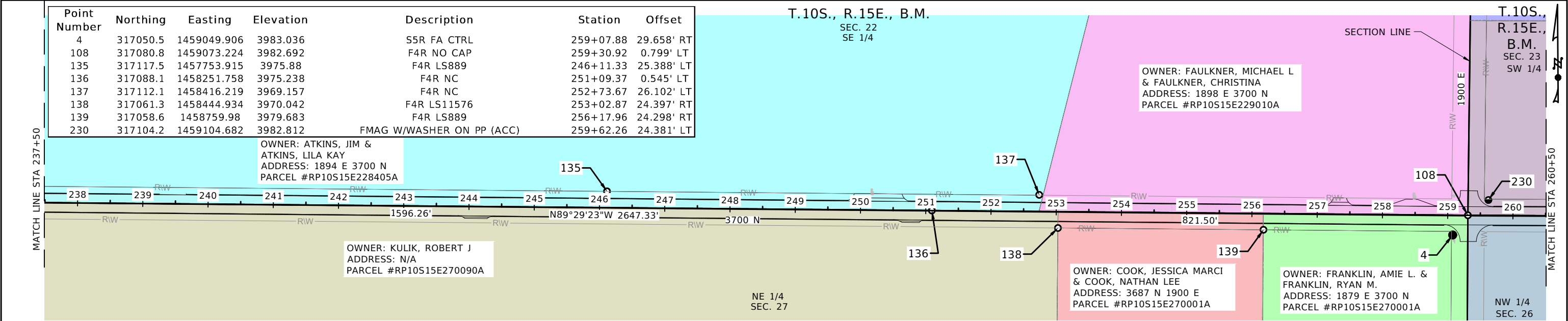


PROJECT NO.	A023(733)
-------------	-----------

TOTAL OWNERSHIP/SURVEY CONTROL	3700 N RD
	STA 168+50 TO STA 237+50

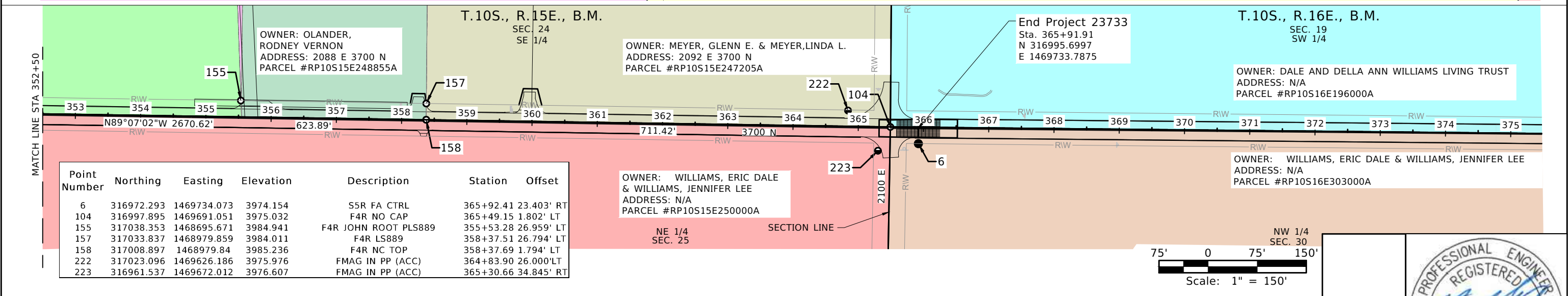
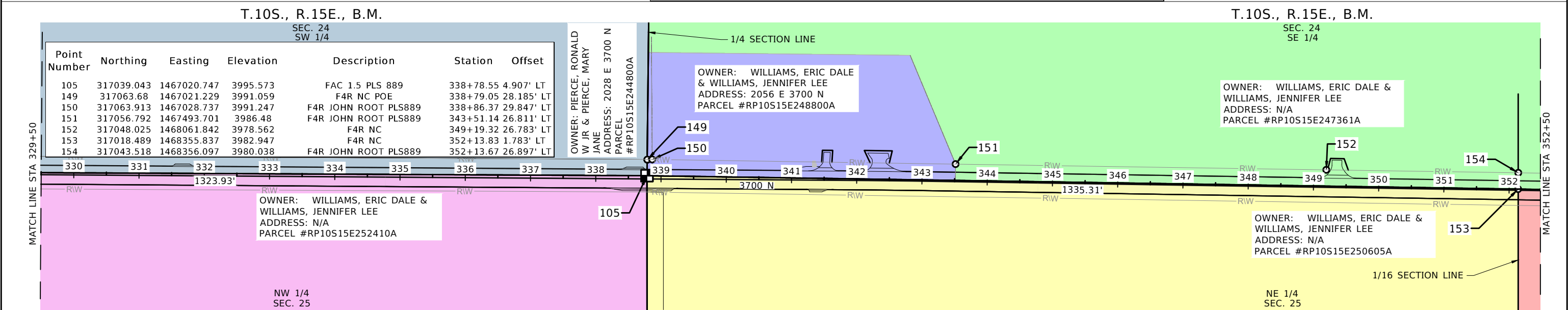
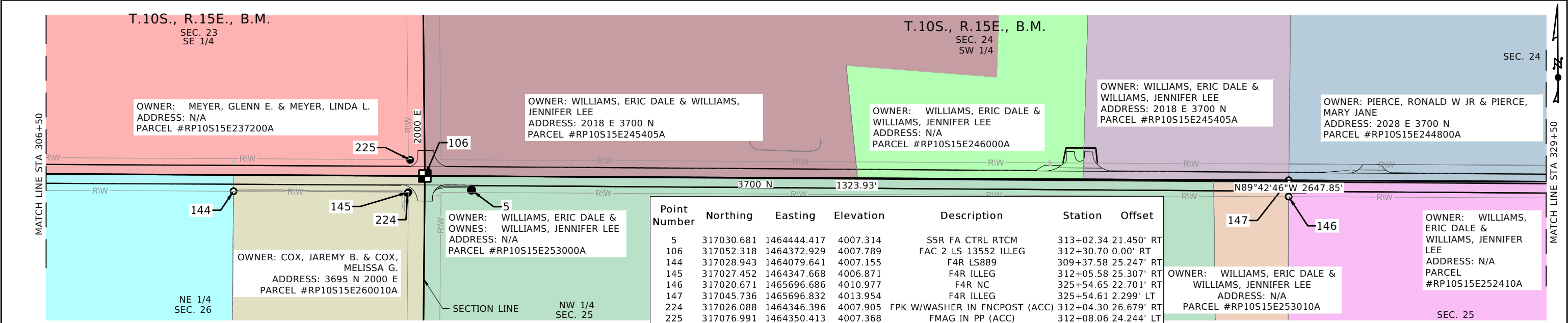
ENGLISH	
COUNTY	TWIN FALLS
KEY NUMBER	23733
SHEET	3 OF 42





REVISIONS				DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	CADD FILE NAME 23733 OMAP_001	DRAWING DATE: APRIL 2026	IDaho TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity		PROJECT NO. A023(733)	TOTAL OWNERSHIP/SURVEY CONTROL 3700 N RD STA 237+50 TO STA 306+50	ENGLISH		
NO	DATE	BY	DESCRIPTION									COUNTY	TWIN FALLS	
												KEY NUMBER	23733	
												SHEET	4 OF 42	

				FORSGREN AN APEX COMPANY	
--	--	--	--	-----------------------------	--



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED R. BECKMAN	
DETAILED K. EBERSOLE	
DRAWING CHECKED R. BECKMAN	

CADD FILE NAME 23733 OMAP_001	DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

PROJECT NO.	TOTAL OWNERSHIP/SURVEY CONTROL
A023(733)	3700 N RD
	STA 306+50 TO STA 375+50

ENGLISH	
COUNTY	TWIN FALLS
KEY NUMBER	23733
SHEET	5 OF 42

LEGEND:

- FOUND REBAR
- FOUND MAG NAIL
- SET REBAR
- SECTION CORNER

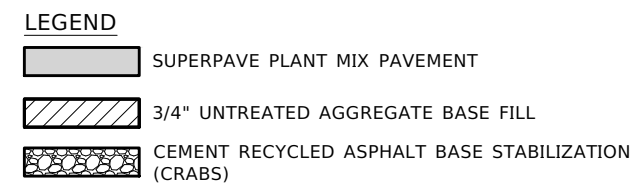
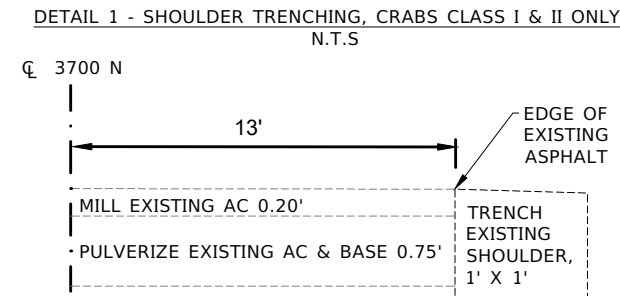
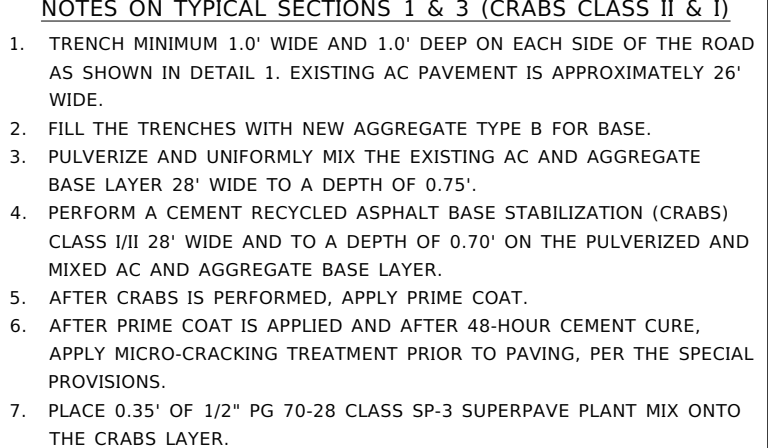
The coordinates shown hereon are referenced to NAD 1983(2011)(EPOCH 2010), projected to Idaho Central Zone(1102), modified to ground using the following parameters:
Scale Origin:
(Point 5)
N 42°32'5.32838"
W 114°39'10.49332"
(N 317030.6810) Ground
(E 1464444.4170) Ground
1/CSF = 1.0001320074
Convergence angle at Point 5 = 1.58720556 degrees
Elevations are nominal NAVD (88) derived from redundant OPUS solutions and computed using Geoid 18(CONUS).

NOTES:

- Property corner monuments were searched for and found as shown hereon using record information and current possession lines. Additionally, record mapping does indicate a number of property corner monuments that were not found. No survey to re-establish parcel, PLSS, Easement, or right-of-way lines was performed as part of this project.
- Idaho code 40-2312(2) states in part "...Where no width is established as provided in subsection (1)"...roads..."shall be not less than (50) feet wide." Numerous records of surveys show various right-of-way widths along the roads depicted hereon. The highway district may have additional right-of-way beyond any right-of-way lines depicted hereon based upon existing roadway maintenance uses such as ditches, slopes, walls, pipes, etc.
- The underground utilities shown hereon are depicted based on above-ground evidence and utility maps provided by utility providers. The utilities may or may not be in service and other utilities may exist on the site. All users of this information must comply with Title 55, Chapter 22 Idaho Code and all other applicable laws and rules related to damage prevention.

REVISIONS				DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity FORSGREN AN APEX COMPANY	PROJECT NO.	TOTAL OWNERSHIP/SURVEY CONTROL	ENGLISH		PROFESSIONAL ENGINEER REGISTERED 10208 4/15/2026 STATE OF IDAHO STEVEN R. YEARSLEY	
NO	DATE	BY	DESCRIPTION									
				DESIGN CHECKED R. BECKMAN	CADD FILE NAME 23733 OMAP_001		A023(733)	3700 N RD	OMAP NOTES	COUNTY TWIN FALLS		
				DETAILED K. EBERSOLE						KEY NUMBER 23733		
				DRAWING CHECKED R. BECKMAN	DRAWING DATE: APRIL 2026					SHEET 6 OF 42		

PROJECT STANDARDS						CLEARANCES		+ CLEARED UNDER PROJECT NO.		+ APPROVAL DATE			
CHARTER APPROVAL						☐ AASHTO ☒ 3R ☐ 1R ☐ STATE		A023(733)		3/17/2026			
						☐ PP ☐ OTHER		N/A		N/A			
DESIGN EXCEPTIONS:								N/A		N/A			
								N/A		N/A			
PUBLIC HEARING WAIVER								A023(733)		4/9/2026			
PUBLIC HEARING DATE (Latest hearing date held or scheduled for opportunity)								N/A		N/A			
DESIGN APPROVAL								A023(733)					
RECLAMATION PLAN APPROVAL NO(S)								N/A		N/A			
AIRPORT								N/A		N/A			
Land Survey Monument Search and Documentation (I.C.55-1613)								A023(733)		2/17/2026			
R/W CERTIFICATE: Issued by ☒ HQ ☐ DISTRICT								A023(733)		5/18/2026			
TRIBAL LANDS: ☐ AGREEMENT REQUIRED ☐ SPECIAL PROVISIONS FOR CONTRACT PROPOSAL								N/A		N/A			
BRIDGE PS & E								N/A		N/A			
ENVIRONMENTAL DECISION: TYPE ☒ CAT-EX ☐ FONSI ☐ ROD								A023(733)		4/2/2026			
ENVIRONMENTAL RE-EVALUATION								N/A		N/A			
PERMITS										+ EXPIRATION DATE			
IDAHO DEPARTMENT OF WATER RESOURCES PERMIT NO(S)								N/A		N/A			
US ARMY CORPS OF ENGINEERS 404 PERMIT NO(S)								N/A		N/A			
OTHER								N/A		N/A			
DEQ SECTION 401 WATER QUALITY CERTIFICATION ☐ YES ☒ NO													
NPDES GENERAL PERMIT/SWPPP REQUIRED ☐ YES ☒ NO													
POLLUTION PREVENTION PLAN REQUIRED ☒ YES ☐ NO													
AGREEMENTS (List Appropriate Name)													
LOCAL: CITY								N/A		N/A			
COUNTY								N/A		N/A			
HIGHWAY DISTRICT								N/A		N/A			
ROAD CLOSURE AND MAINTENANCE								N/A		N/A			
STATE/LOCAL CONSTRUCTION BUHL HIGHWAY DISTRICT								A023(733)		6/09/2026			
IRRIGATION DISTRICT(S): Crossing Agreement Required ☐ YES ☐ NO (Signatures Required on either Structure Drawing or Bridge Sheet)													
UTILITIES: List all Utilities shown on plans								RETAIN & PROTECT					
Co. IDAHO POWER								☒		3/4/2026		N/A	N/A
Co. LUMEN								☒		2/18/2026		N/A	N/A
Co. TRULEAP TECH								☒		2/18/2026		N/A	N/A
Co.								☐		N/A		N/A	N/A
Co.								☐		N/A		N/A	N/A
Co.								☐		N/A		N/A	N/A
Co.								☐		N/A		N/A	N/A
RAILROAD List all Railroads encroached upon										+ AGREEMENT			
								+ AGREEMENT FOR		EFFECTIVE DATE	NO.		
Co.								N/A		N/A	N/A		
Co.								N/A		N/A	N/A		
REVISIONS				DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	PROJECT NO.		PROJECT CLEARANCE SUMMARY		ENGLISH			
NO.	DATE	BY	DESCRIPTION	DETAILED K. EBERSOLE		A023(733)		3700 N RD		COUNTY TWIN FALLS			
				DRAWING CHECKED T. SMITH	DRAWING DATE: FEBRUARY 2026					KEY NUMBER 23733			
				CADD FILE NAME 3700 N Project Clearance Summary (23733)		FORSGREN AN APEX COMPANY				SHEET 7 OF 42			
PROFESSIONAL REGISTERED ENGINEER 10208 5/15/2026 STATE OF IDAHO STEVEN R. YEARSLEY													



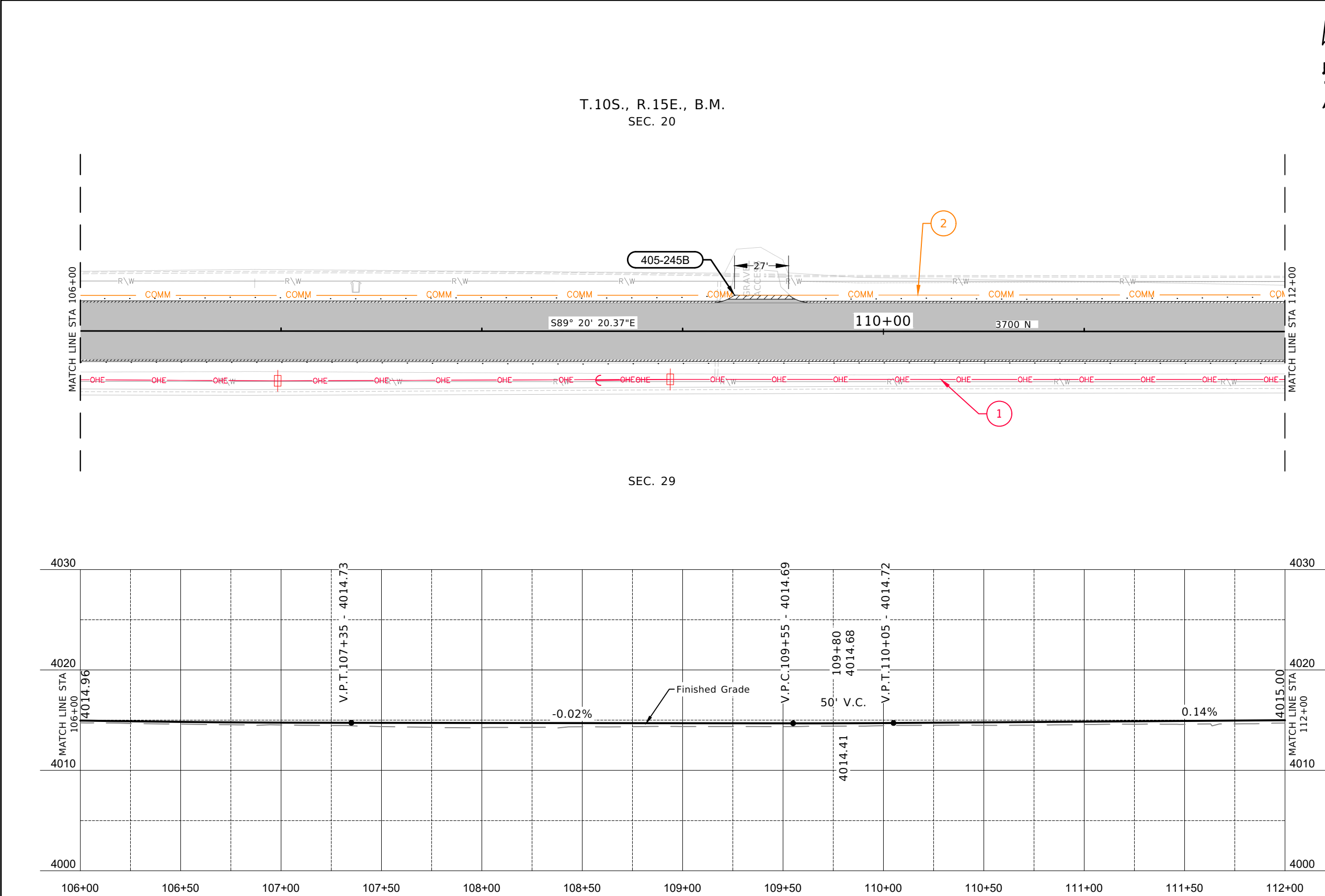
PROFESSIONAL ENGINEER
REGISTERED
10208
5/13/2026
STATE OF IDAHO
STEVEN R. YEARSLEY

[illegible]

REVISIONS										DESIGNED T. SMITH					SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY					IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity					PROJECT NO.					ROADWAY SUMARY SHEET (CON'TD)					ENGLISH				
NO.	DATE	BY	DESCRIPTION							DESIGN CHECKED R. BECKMAN															CADD FILE NAME ROADWAY SUMARY SHEET (CON'TD)					A023(733)					3700 N RD				
										DETAILED K. EBERSOLE					DRAWING CHECKED R. BECKMAN					DRAWING DATE: APRIL 2026					KEY NUMBER 23733														
																														SHEET 10 OF 42									

PROFESSIONAL ENGINEER
REGISTERED
10208
5/15/2026
STATE OF IDAHO
STEVEN R. YEARSLEY



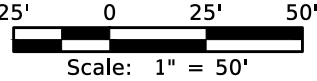


405-245B APPROACH, GRAVEL
1 EACH, STA 109+39 LT, W=27'

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW ¾" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 101+25 TO STA 106+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

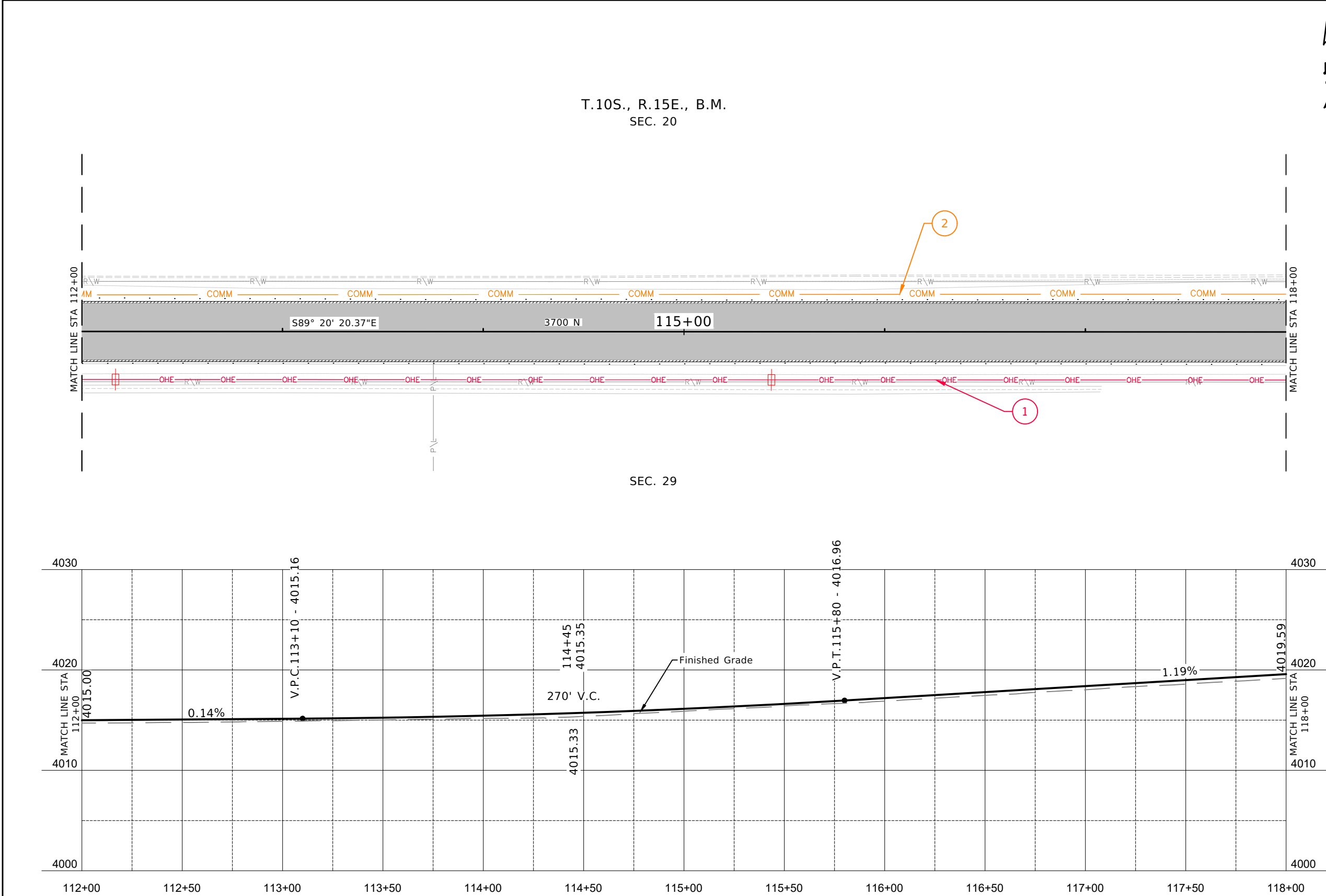
FORSGREN AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 106+00 TO STA 112+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 12 OF 42





LEGEND:

- POTENTIAL WETLANDS (RETAIN AND PROTECT)
- NEW PLANTMIX PAVEMENT
- NEW ¾" AGGREGATE
- WEDGE MILLING
- FIBER WATTLE

UTILITY LEGEND:

- 1 IDAHO POWER Co
- 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
- 3 TRULEAP TECH - UNDERGROUND

NOTES:

- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
- RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.

25' 0 25' 50'

Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 101+25 TO STA 106+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

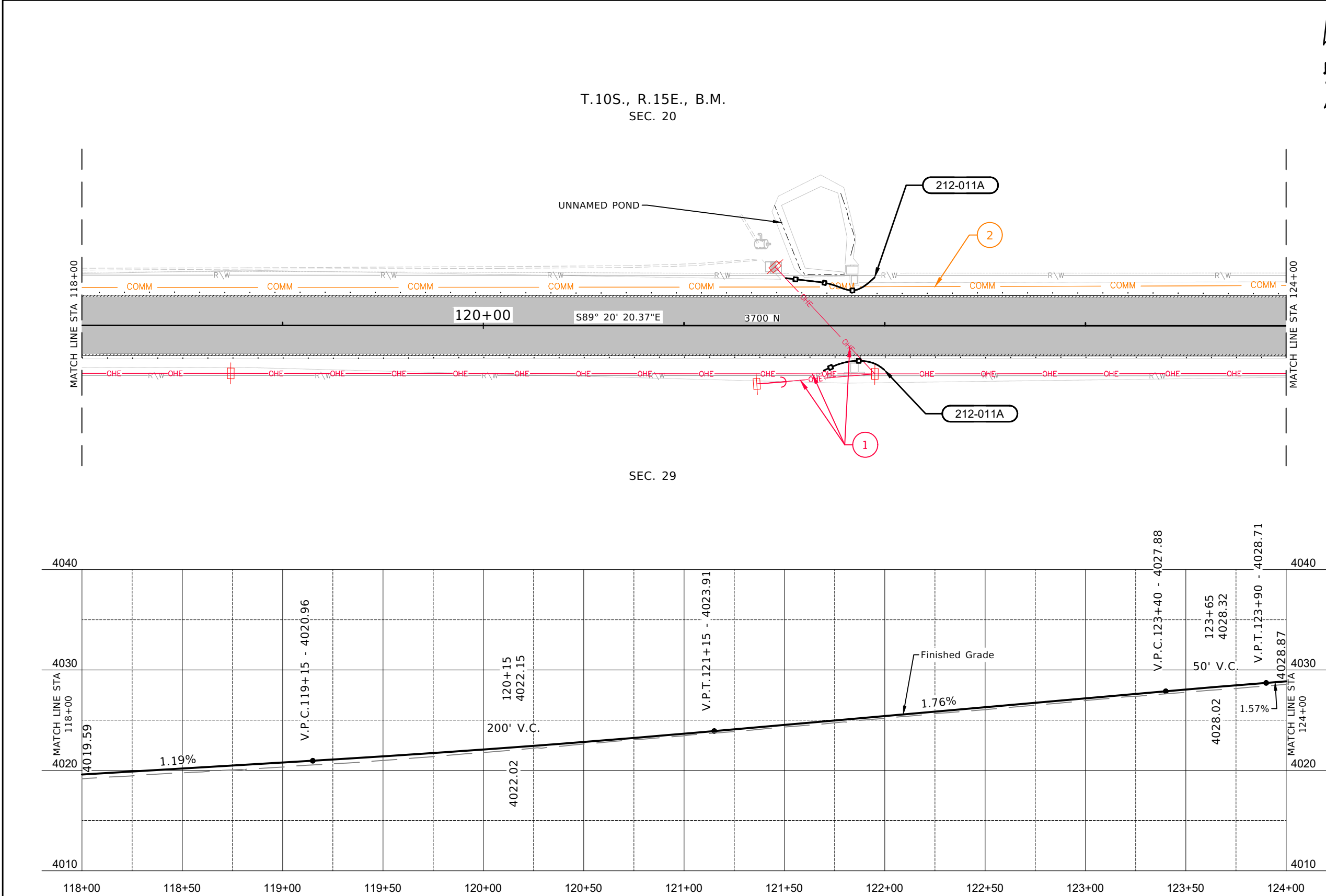
FORSGREN AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 112+00 TO STA 118+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 13 OF 42





212-011A FIBER WATTLE

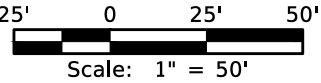
50 FT., STA 121+51, 24' LT TO
STA 121+95, 24' LT

30 FT., STA 121+70, 22' RT TO
STA 121+99, 22' RT

- LEGEND:
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW ¾" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 101+25 TO STA 106+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

FORSGREN AN APEX COMPANY

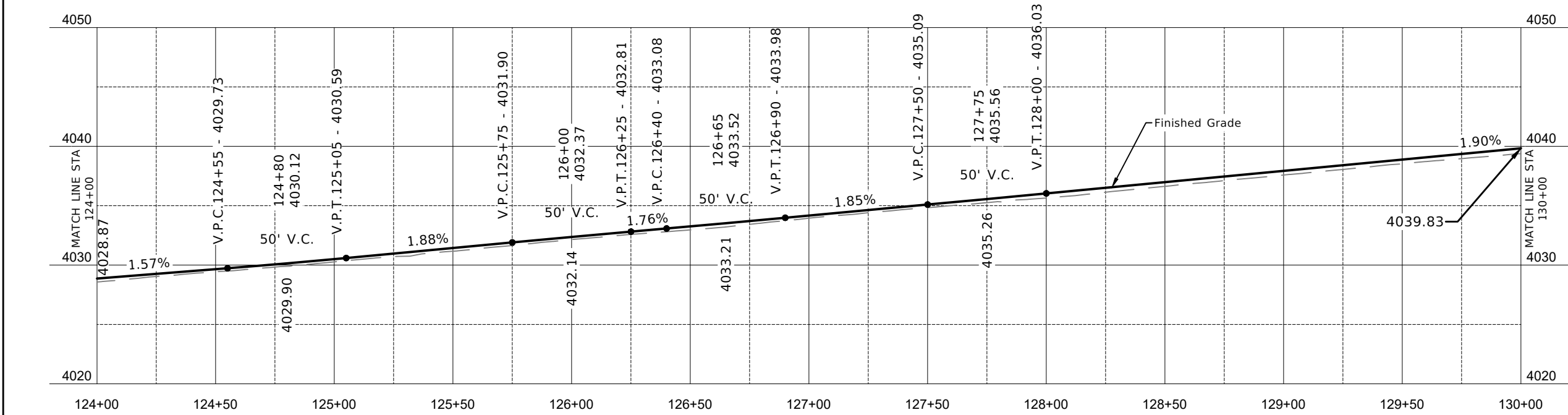
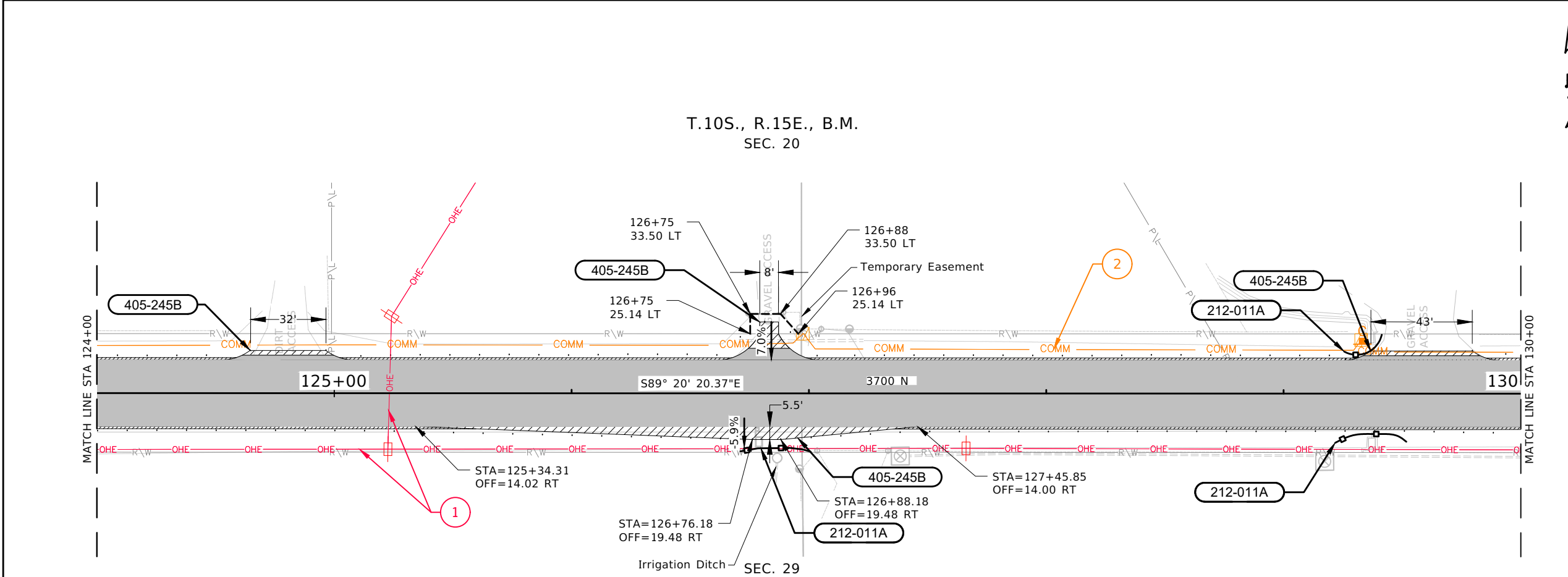


PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 118+00 TO STA 124+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 14 OF 42





- 212-011A** FIBER WATTLE
- 30 FT., STA 126+71, 20' RT TO STA 127+02, 25' RT
 - 30 FT., STA 129+22, 21' RT TO STA 129+52, 20' RT
 - 20 FT., STA 129+26, 18' LT TO STA 129+42, 25' LT
- 405-245B** APPROACH, GRAVEL
- 1 EACH, STA 124+87 LT, W=32'
 - 1 EACH, STA 125+34 TO STA 127+46 RT, W=5.5'
 - 1 EACH, STA 126+82 LT, W=8'
 - 1 EACH, STA 129+61 LT, W=43'

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED R. BECKMAN	
DETAILED K. EBERSOLE	CADD FILE NAME STA 124+00 TO STA 130+00
DRAWING CHECKED R. BECKMAN	DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

FORSOREN AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET 3700 N RD
STA 124+00 TO STA 130+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 15 OF 42



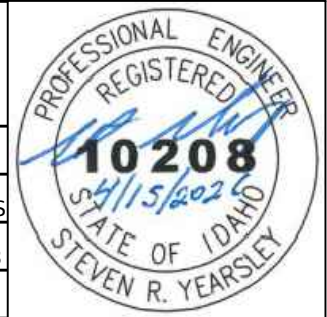
Profile view of a road segment showing elevation, stationing, and vertical curve data. The vertical axis represents elevation in feet, ranging from 4030 to 4060. The horizontal axis represents stationing, ranging from 130+00 to 136+00. The profile shows a solid line for the finished grade and a dashed line for the existing ground. Key vertical curve points and data are labeled:

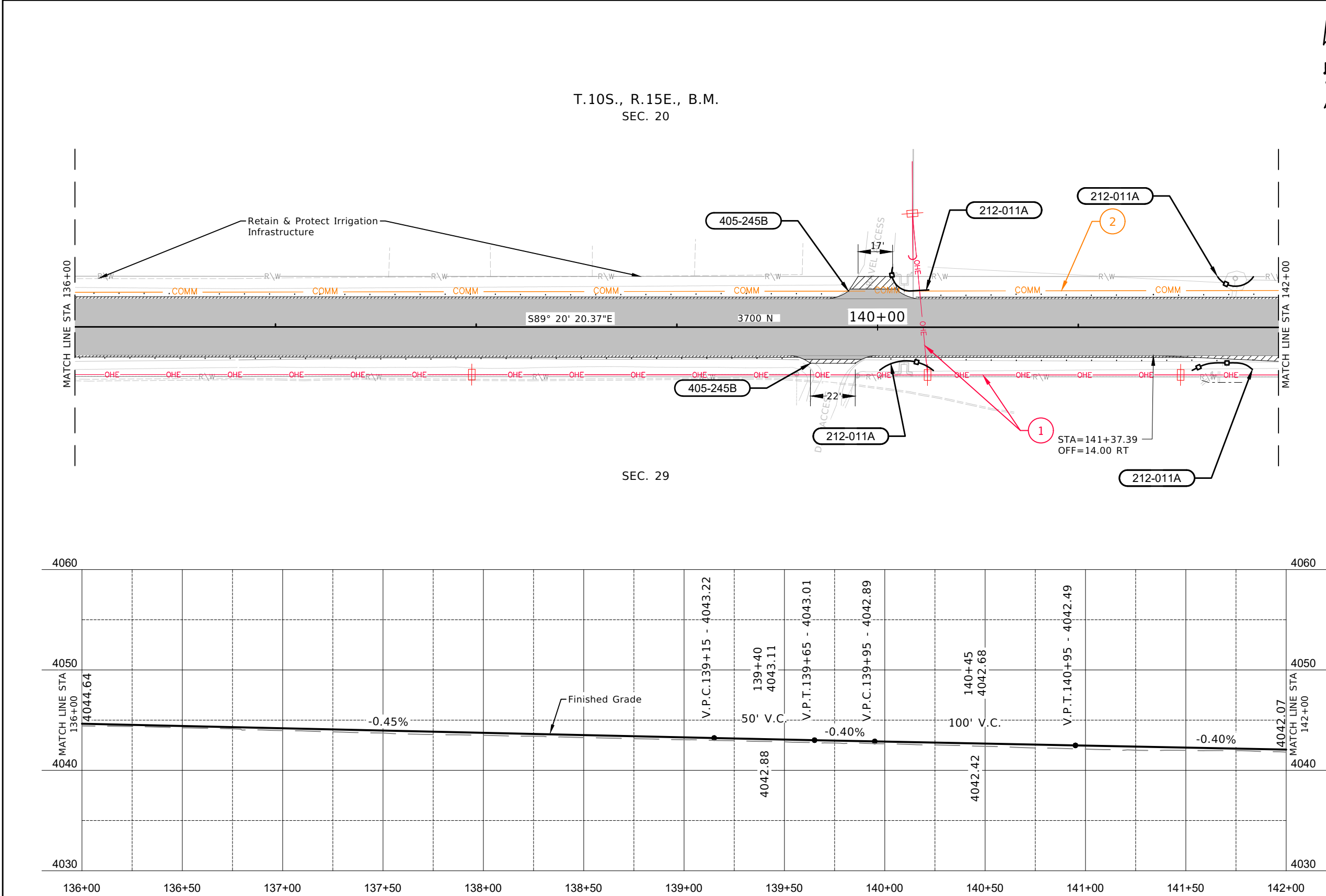
- Match Line STA 130+00:** Elevation 4039.83
- Grade:** 1.90%
- V.P.C. 131+90 - 4043.44**
- 200' V.C.** (Vertical Curve Length)
- 132+90:** Elevation 4045.34
- 132+43:** Elevation 4044.43
- V.P.T. 133+90 - 4045.15**
- Grade:** -0.19%
- V.P.C. 134+20 - 4045.09**
- 50' V.C.** (Vertical Curve Length)
- 134+45:** Elevation 4045.05
- 134+82:** Elevation 4044.82
- V.P.T. 134+70 - 4045.00**
- Grade:** -0.21%
- V.P.C. 135+40 - 4044.85**
- 50' V.C.** (Vertical Curve Length)
- 135+65:** Elevation 4044.80
- 135+55:** Elevation 4044.55
- Grade:** -0.45%
- V.P.T. 135+90 - 4044.69**
- Match Line STA 136+00:** Elevation 4044.64

REVISIONS				DESIGNED
NO	DATE	BY	DESCRIPTION	T. SMITH
				DESIGN CHECKED
				R. BECKMAN
				DETAILED
				K. EBERSOLE
				DRAWING CHECKED
				R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 124+00 TO STA 130+00
DRAWING DATE: APRIL 2026

ENGLISH	
COUNTY	TWIN FALLS
KEY NUMBER	23733
SHEET	16 OF 42





- 212-011A FIBER WATTLE
- 30 FT., STA 140+00, 21' RT TO STA 140+27, 22' RT
 - 30 FT., STA 140+07, 25' LT TO STA 140+25, 19' LT
 - 30 FT., STA 141+56, 21' RT TO STA 141+86, 21' RT
 - 10 FT., STA 141+69, 25' LT TO STA 141+87, 25' LT
- 405-245B APPROACH, GRAVEL
- 1 EACH, STA 139+79 RT, W=22'
 - 1 EACH, STA 139+99 LT, W=17'

- LEGEND:
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW ¾" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
- Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 124+00 TO STA 130+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

FORSGREN AN APEX COMPANY

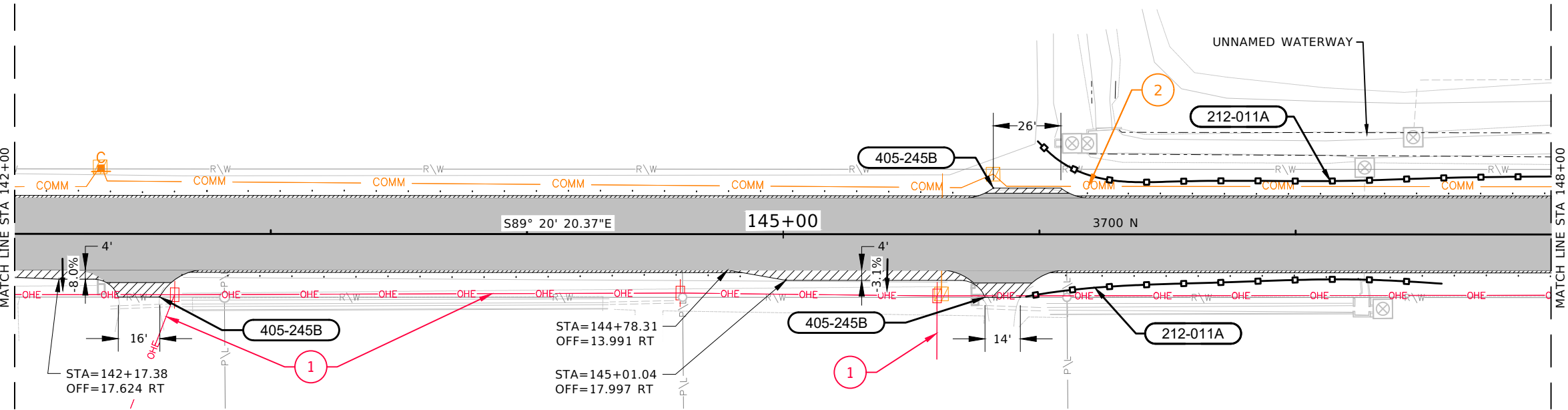
PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 136+00 TO STA 142+00

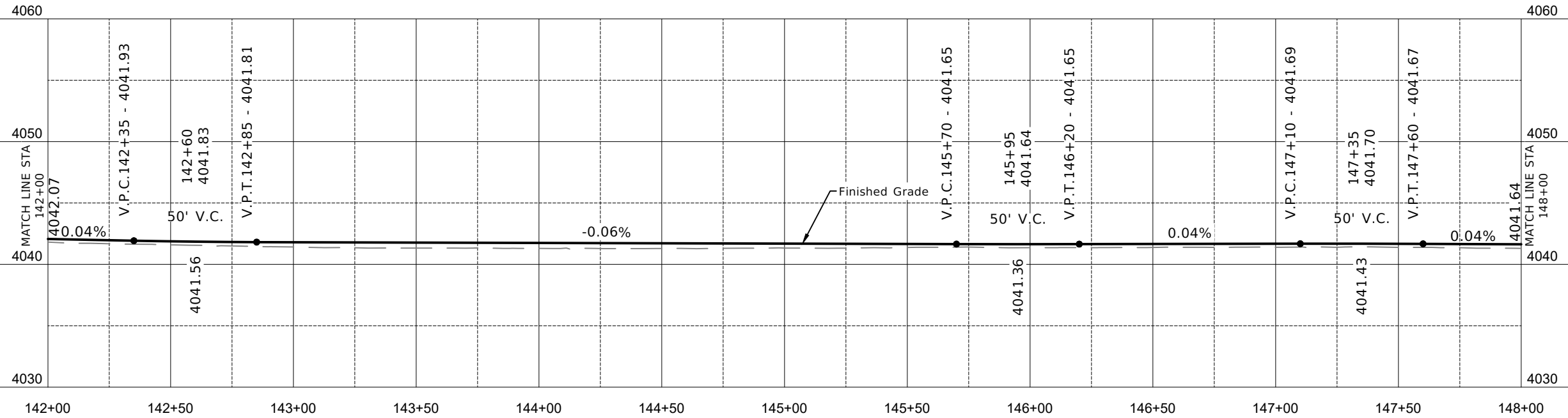
ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 17 OF 42



T.10S., R.15E., B.M.
SEC. 20



SEC. 29



212-011A FIBER WATTLE

165 FT., STA 145+95, 25' RT TO
STA 147+57, 18' RT
205 FT., STA 145+99, 36' LT TO
STA 148+00, 23' LT

405-245B APPROACH, GRAVEL

1 EACH, STA 142+49, RT, W=16'
1 EACH, STA 145+86, RT, W=14'
1 EACH, STA 145+96, LT, W=26'

LEGEND:

- POTENTIAL WETLANDS (RETAIN AND PROTECT)
- NEW PLANTMIX PAVEMENT
- NEW 3/4" AGGREGATE
- WEDGE MILLING
- FIBER WATTLE

UTILITY LEGEND:

- 1 IDAHO POWER Co
- 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
- 3 TRULEAP TECH - UNDERGROUND

NOTES:

- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
- RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.

25' 0 25' 50'
Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
STA 142+00 TO STA 148+00

DRAWING DATE:
APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

FORSGREN AN APEX COMPANY

PROJECT NO.

A023(733)

PLAN SHEET

3700 N RD

STA 142+00 TO STA 148+00

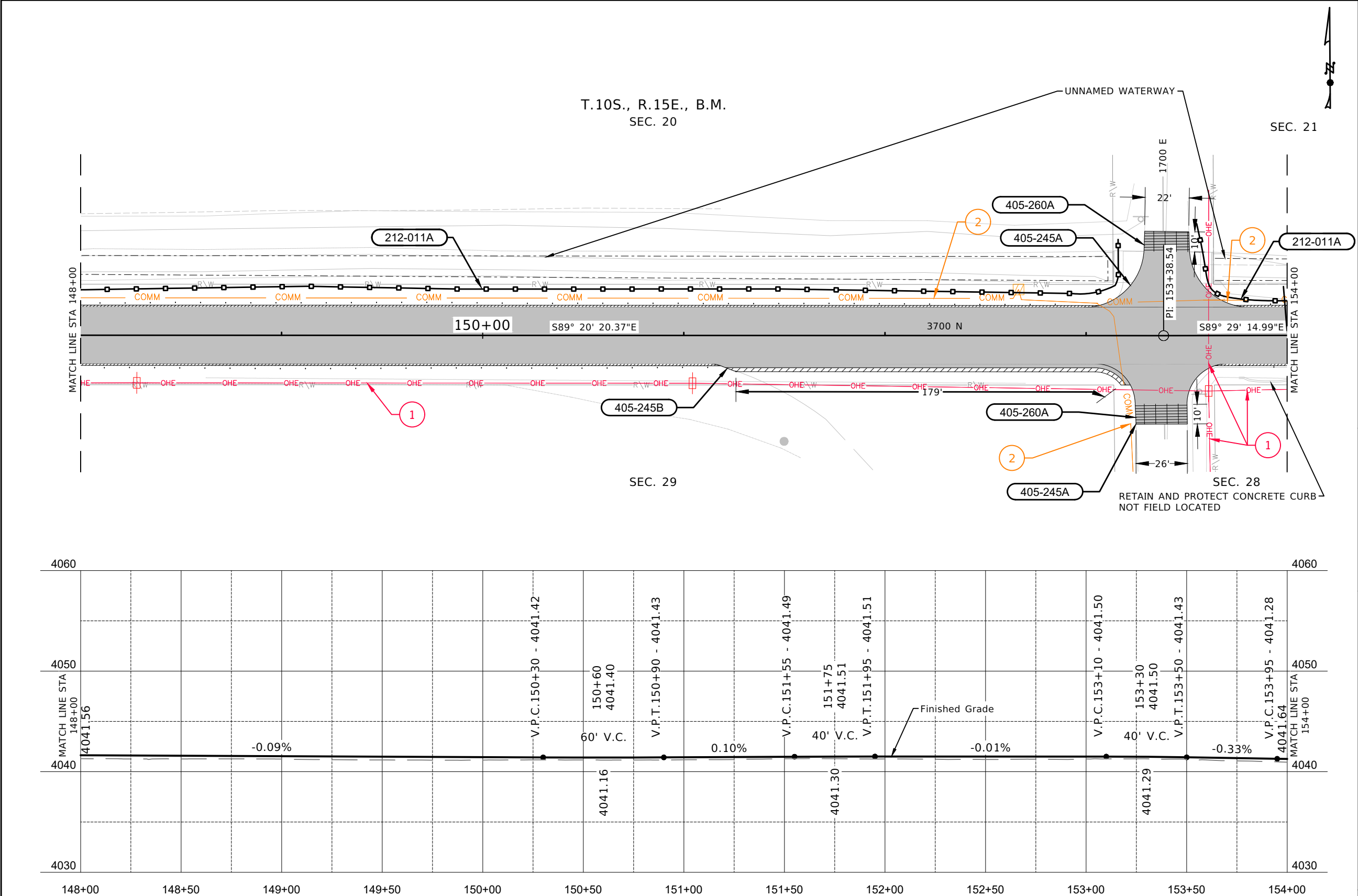
ENGLISH

COUNTY TWIN FALLS

KEY NUMBER 23733

SHEET 18 OF 42





- 212-011A** FIBER WATTLE
540 FT., STA 148+00, 23' LT TO STA 153+16, 48' LT
70 FT., STA 153+55, 56' LT TO STA 154+00, 17' LT
- 405-245A** APPROACH, PAVED
1 EACH, STA 153+38, RT, W=26'
1 EACH, STA 153+38, LT, W=22'
- 405-245B** APPROACH, GRAVEL
1 EACH, STA 152+46, RT, W=179'
- 405-260A** WEDGE MILLING
25 SY., STA 153+38 LT
29 SY., STA 153+38 RT

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 142+00 TO STA 148+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

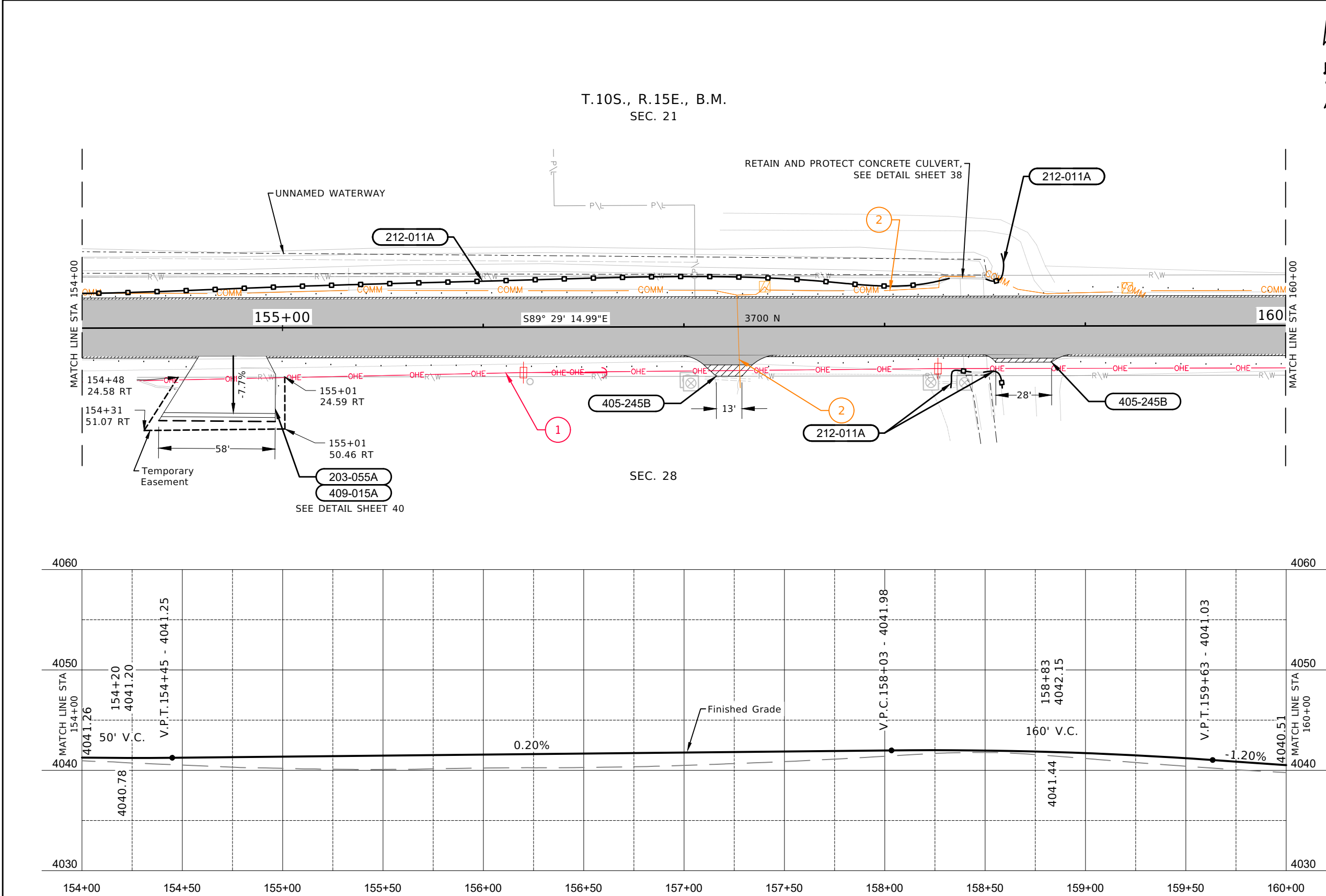
IDAHO
TRANSPORTATION
DEPARTMENT

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 148+00 TO STA 154+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 19 OF 42



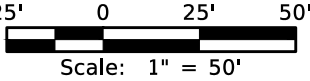


- 203-055A** REMOVAL OF CONCRETE PAVEMENT
180 SY, STA 154+78, RT
- 212-011A** FIBER WATTLE
430 FT., STA 154+00, 17' LT TO STA 158+32, 24' LT
20 FT., STA 158+33, 31' RT TO STA 158+43, 23' RT
30 FT., STA 158+49, 23' RT TO STA 158+58, 29' RT
20 FT., STA 158+58, 36' LT TO STA 158+51, 24' LT
- 405-245B** APPROACH, GRAVEL
1 EACH, STA 157+23, RT, W=13'
1 EACH, STA 158+66, RT, W=28'
- 409-015A** CONCRETE PAVEMENT
180 SY, STA 154+78, RT

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW ¾" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 142+00 TO STA 148+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

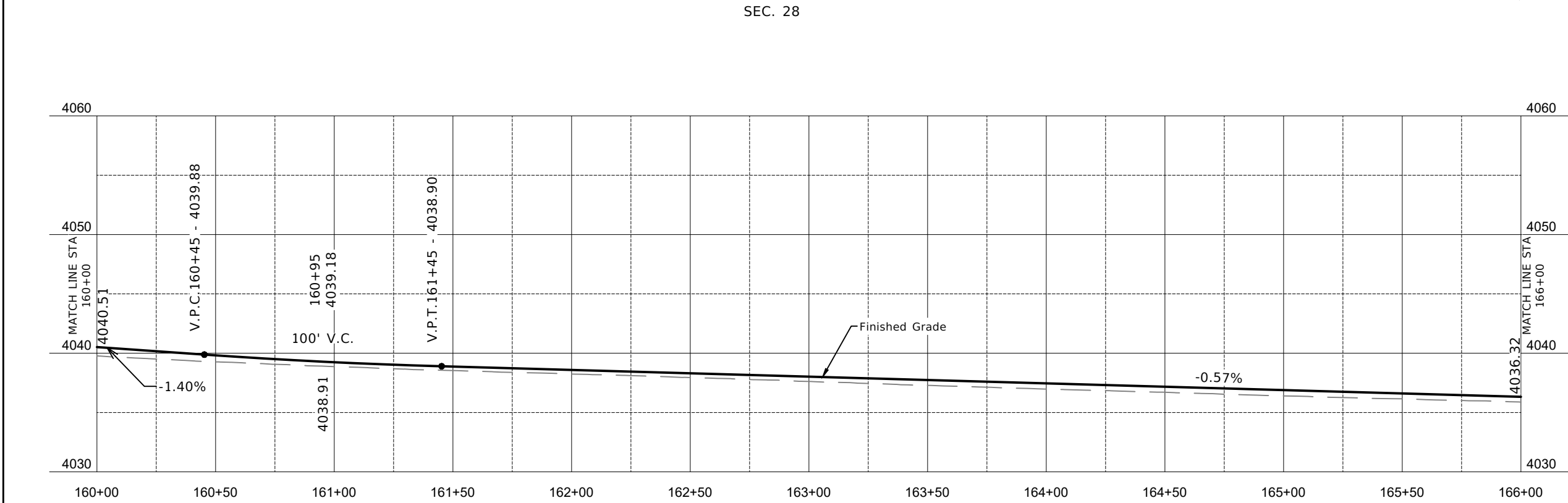
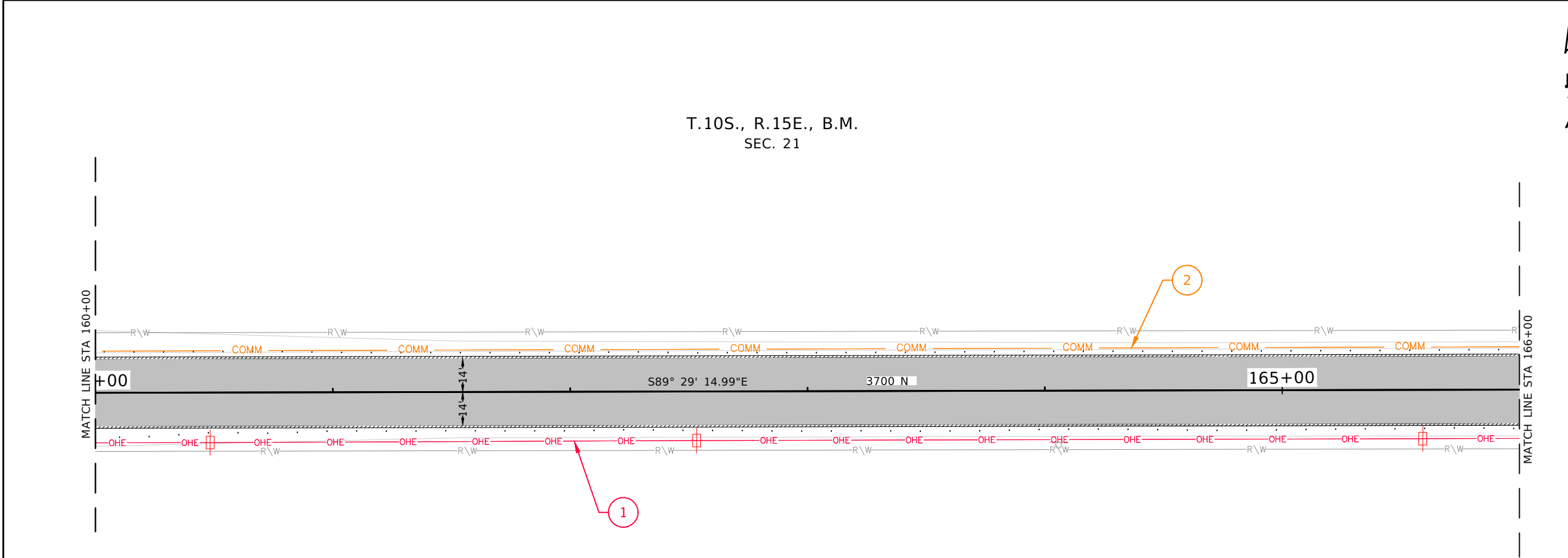
FORSGREN AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 154+00 TO STA 160+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 20 OF 42





- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW ¾" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME
STA 160+00 TO STA 166+00
DRAWING DATE:
APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

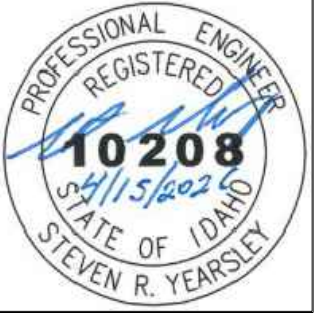
FORSGREN
AN APEX COMPANY

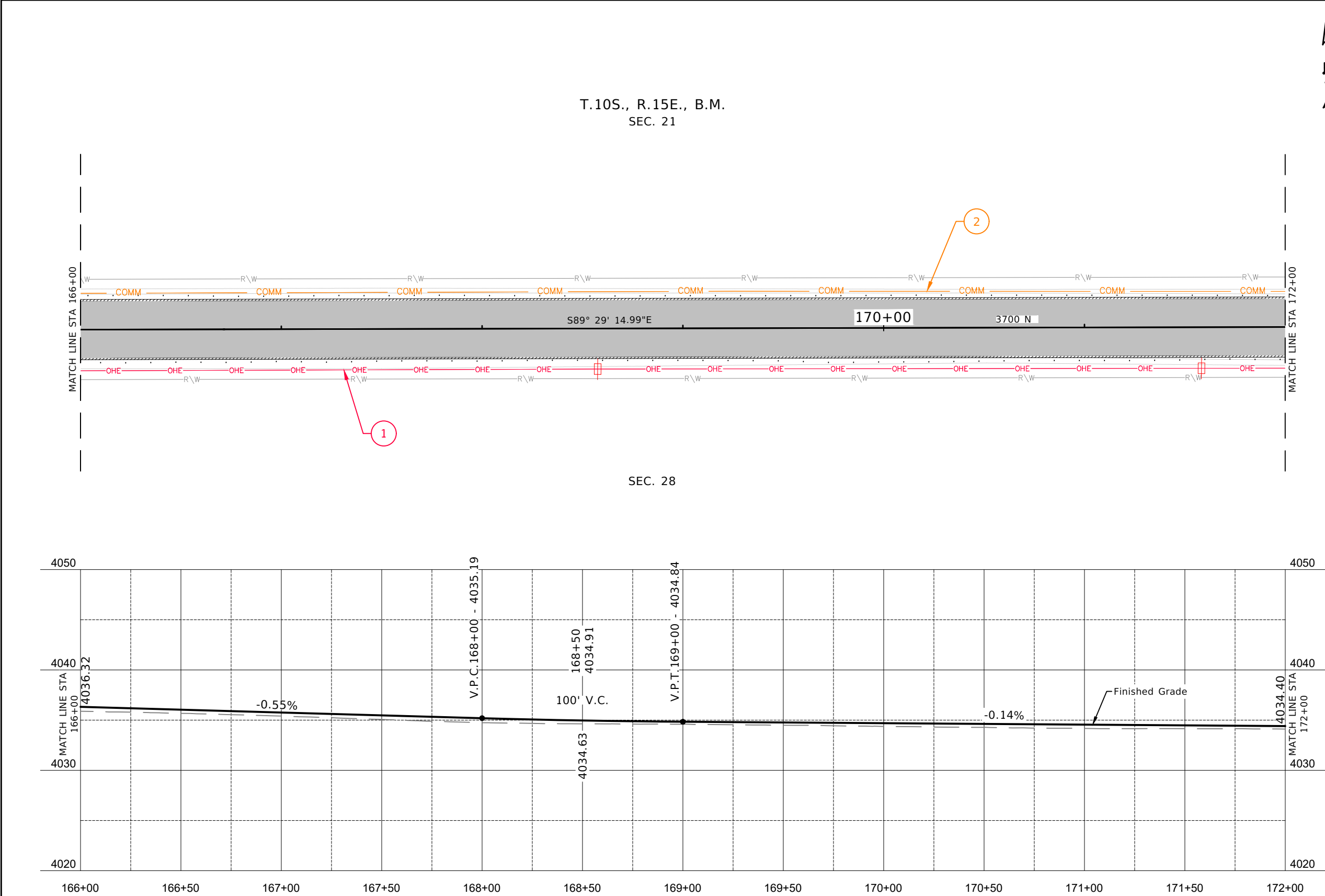
IDAHO
TRANSPORTATION
DEPARTMENT

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 160+00 TO STA 166+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 21 OF 42





LEGEND:

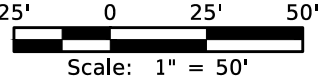
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
- NEW PLANTMIX PAVEMENT
- NEW ¾" AGGREGATE
- WEDGE MILLING
- FIBER WATTLE

UTILITY LEGEND:

- 1 IDAHO POWER Co
- 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
- 3 TRULEAP TECH - UNDERGROUND

NOTES:

- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
- RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 160+00 TO STA 166+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

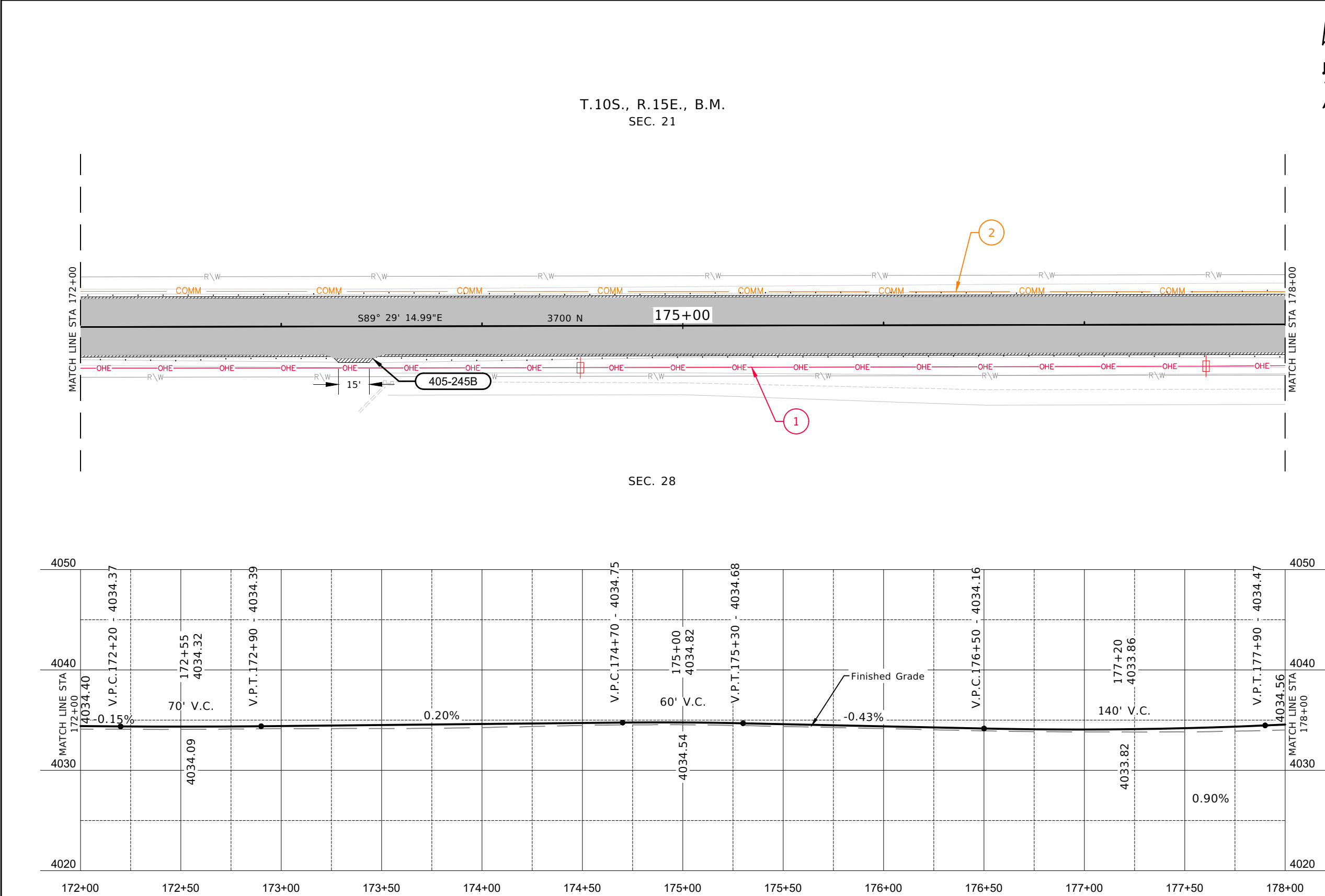
IDAHO
TRANSPORTATION
DEPARTMENT

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 166+00 TO STA 172+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 22 OF 42





405-245B APPROACH, GRAVEL
1 EACH, STA 173+36, RT, W=15'

- LEGEND:
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW ¾" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 160+00 TO STA 166+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

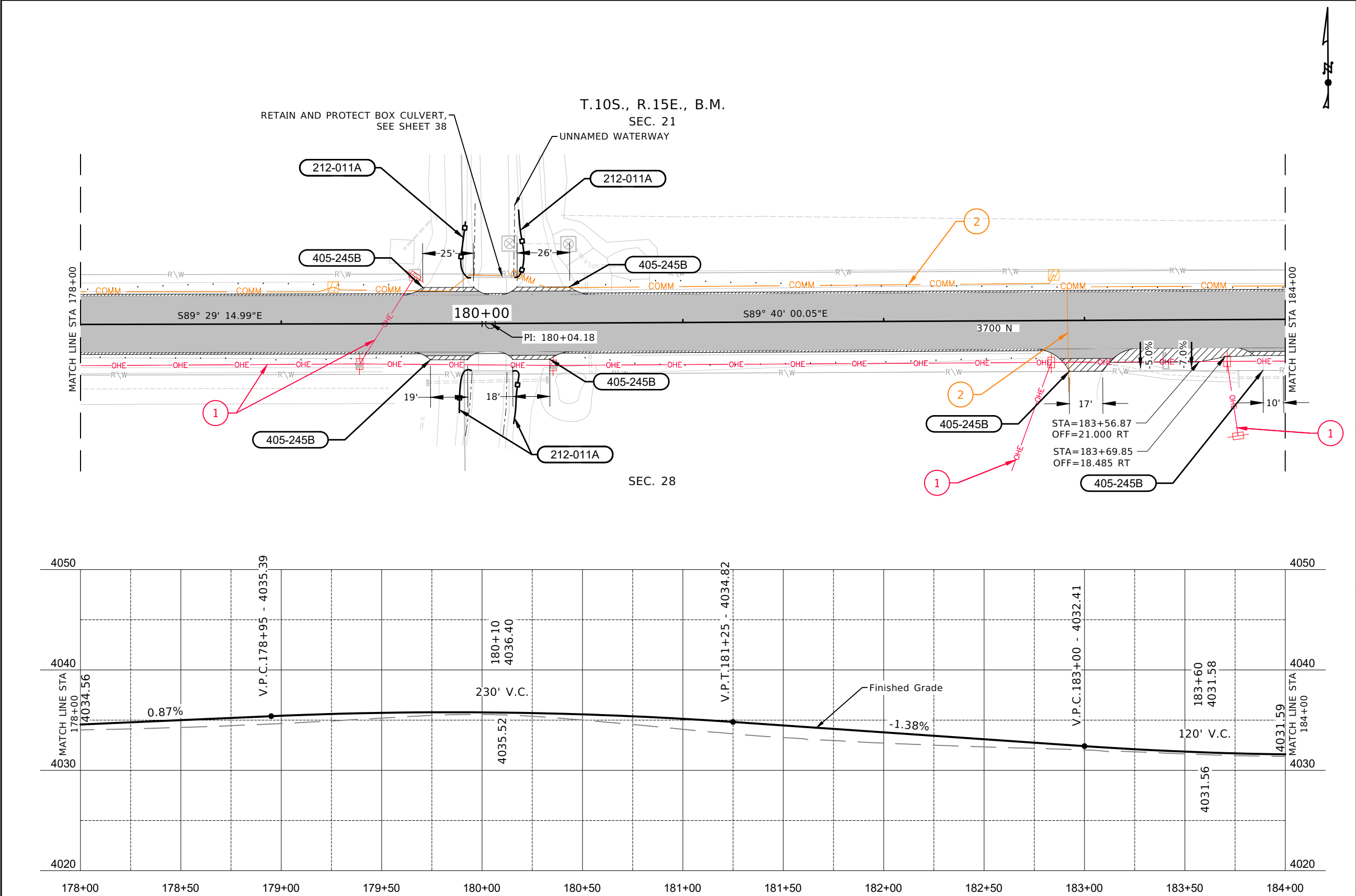
IDAHO
TRANSPORTATION
DEPARTMENT

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 172+00 TO STA 178+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 23 OF 42





- 212-011A** FIBER WATTLE
- 30 FT., STA 179+89, 44' RT TO STA 179+95, 24' RT
- 35 FT., STA 179+94, 23' LT TO STA 179+96, 51' LT
- 30 FT., STA 180+15, 24' RT TO STA 180+15, 50' RT
- 40 FT., STA 180+17, 23' LT TO STA 180+19, 56' LT

405-245B APPROACH, GRAVEL

1 EACH, STA 179+85, RT, W=19'

1 EACH, STA 179+85, LT, W=25'

1 EACH, STA 180+22, RT, W=18'

1 EACH, STA 180+29, LT, W=26'

1 EACH, STA 182+99, RT, W=17'

1 EACH, STA 183+94, RT, W=10'

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
- NEW PLANTMIX PAVEMENT
- NEW ¾" AGGREGATE
- WEDGE MILLING
- FIBER WATTLE

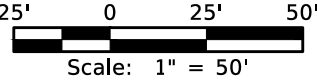
- UTILITY LEGEND:**
- 1

IDAHO POWER Co
- 2

CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
- 3

TRULEAP TECH - UNDERGROUND

- NOTES:**
1. RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
2. RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED R. BECKMAN	
DETAILED K. EBERSOLE	CADD FILE NAME STA 178+00 TO STA 184+00
DRAWING CHECKED R. BECKMAN	DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

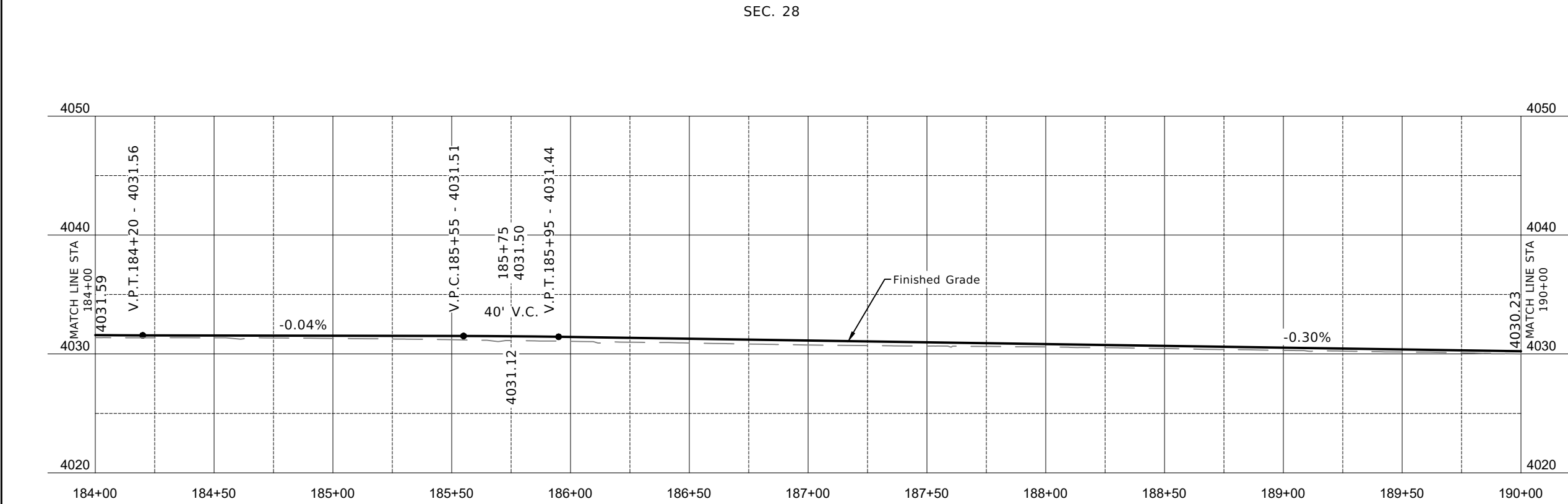
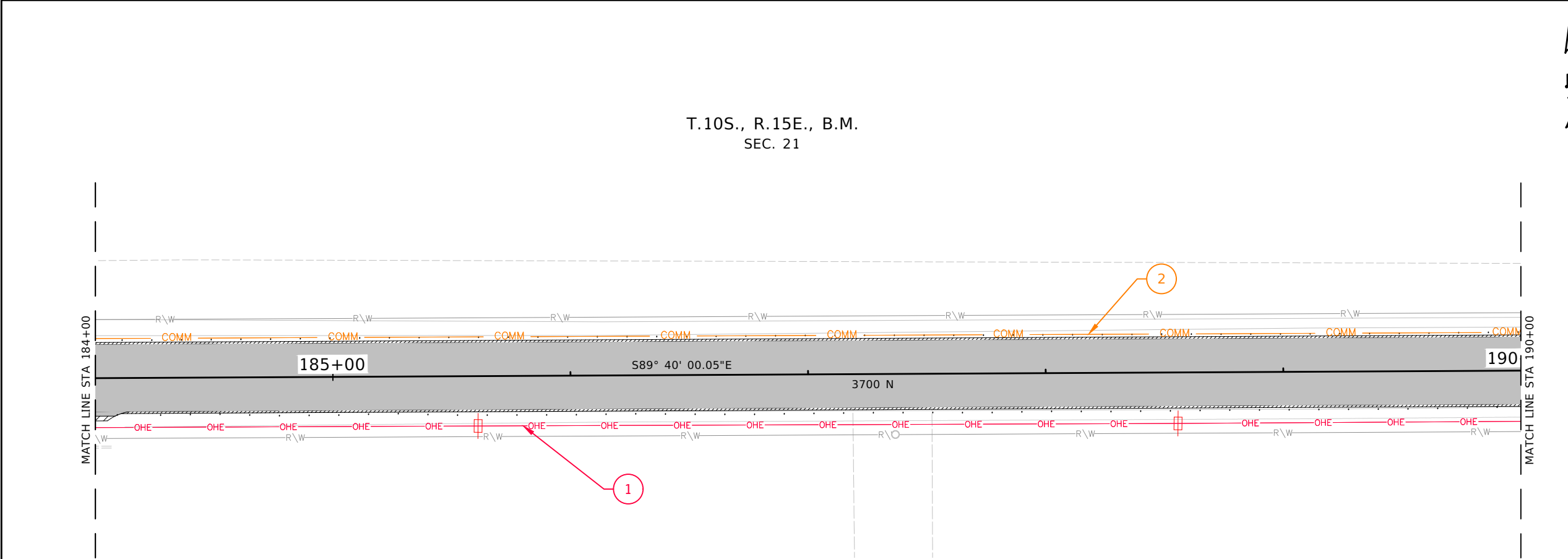
FORSGREN
AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET 3700 N RD
STA 178+00 TO STA 184+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 24 OF 42





LEGEND:

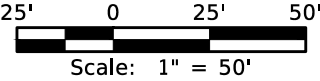
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
- NEW PLANTMIX PAVEMENT
- NEW 3/4" AGGREGATE
- WEDGE MILLING
- FIBER WATTLE

UTILITY LEGEND:

- 1 IDAHO POWER Co
- 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
- 3 TRULEAP TECH - UNDERGROUND

NOTES:

- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
- RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME
STA 178+00 TO STA 184+00
DRAWING DATE:
APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

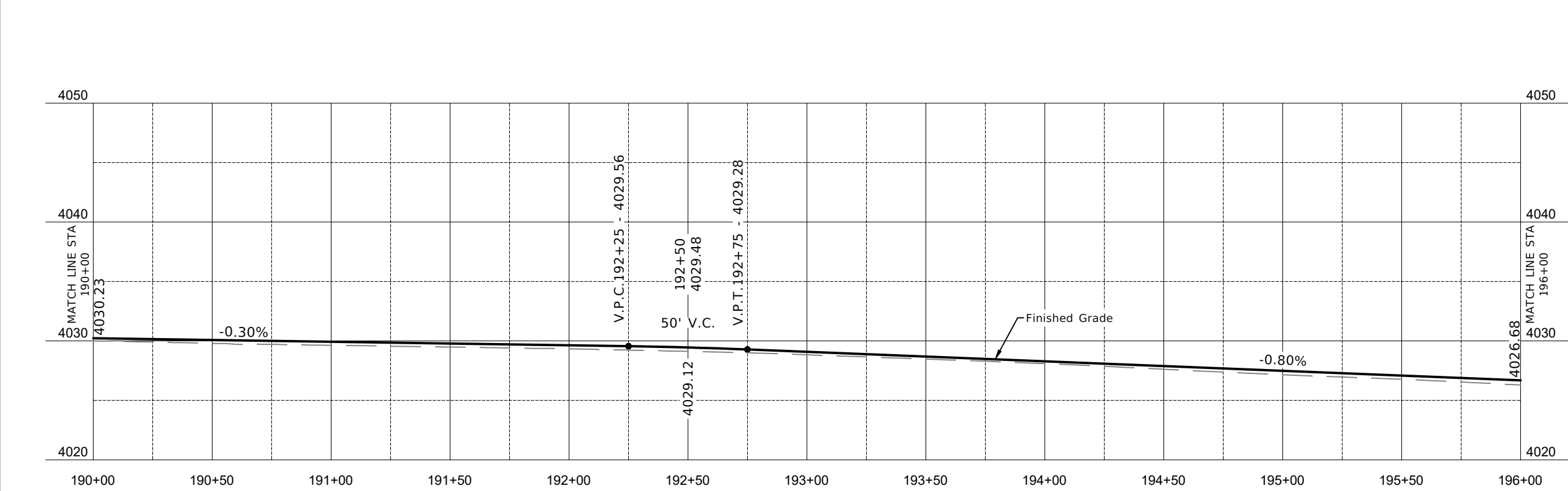
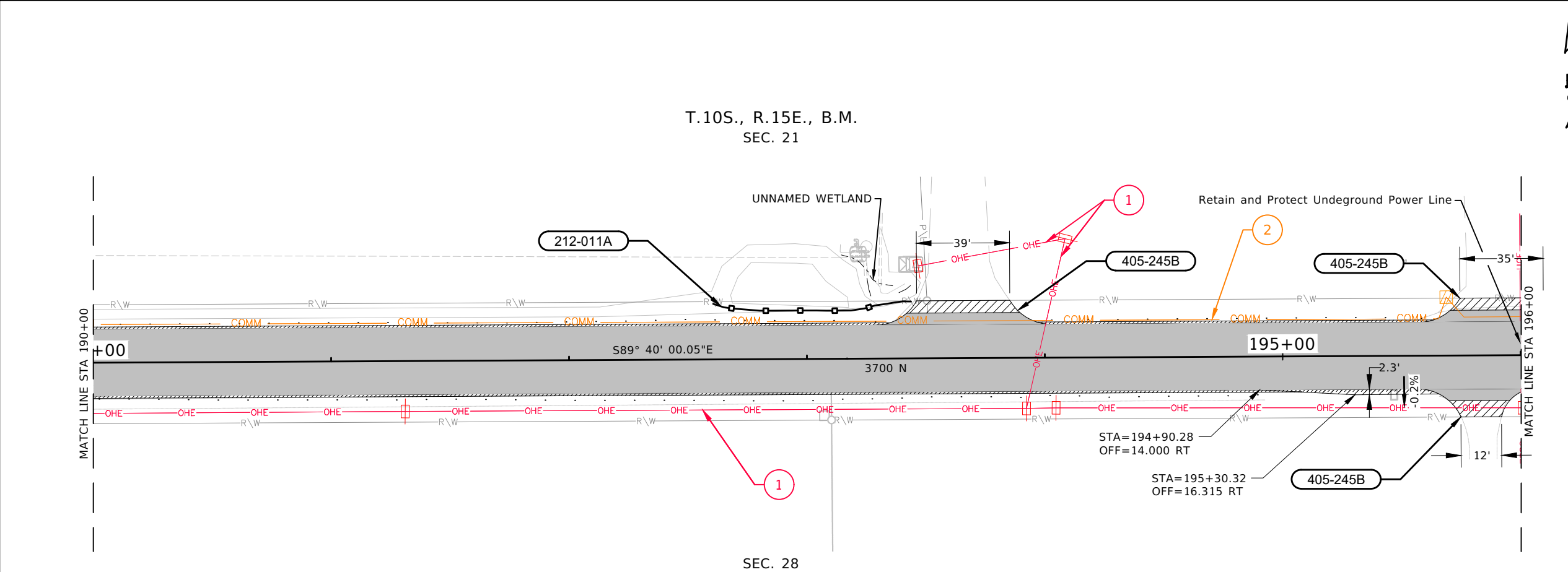
FORS GREN
AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 184+00 TO STA 190+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 25 OF 42





- 212-011A FIBER WATTLE
85 FT., STA 192+61, 23' LT TO
STA 193+44, 24' LT
- 405-245B APPROACH, GRAVEL
1 EACH, STA 193+66, LT, W=39'
1 EACH, STA 195+84, RT, W=12'
1 EACH, STA 195+91, LT, W=35'

- LEGEND:
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED T. SMITH
DESIGN CHECKED R. BECKMAN
DETAILED K. EBERSOLE
DRAWING CHECKED R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 178+00 TO STA 184+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

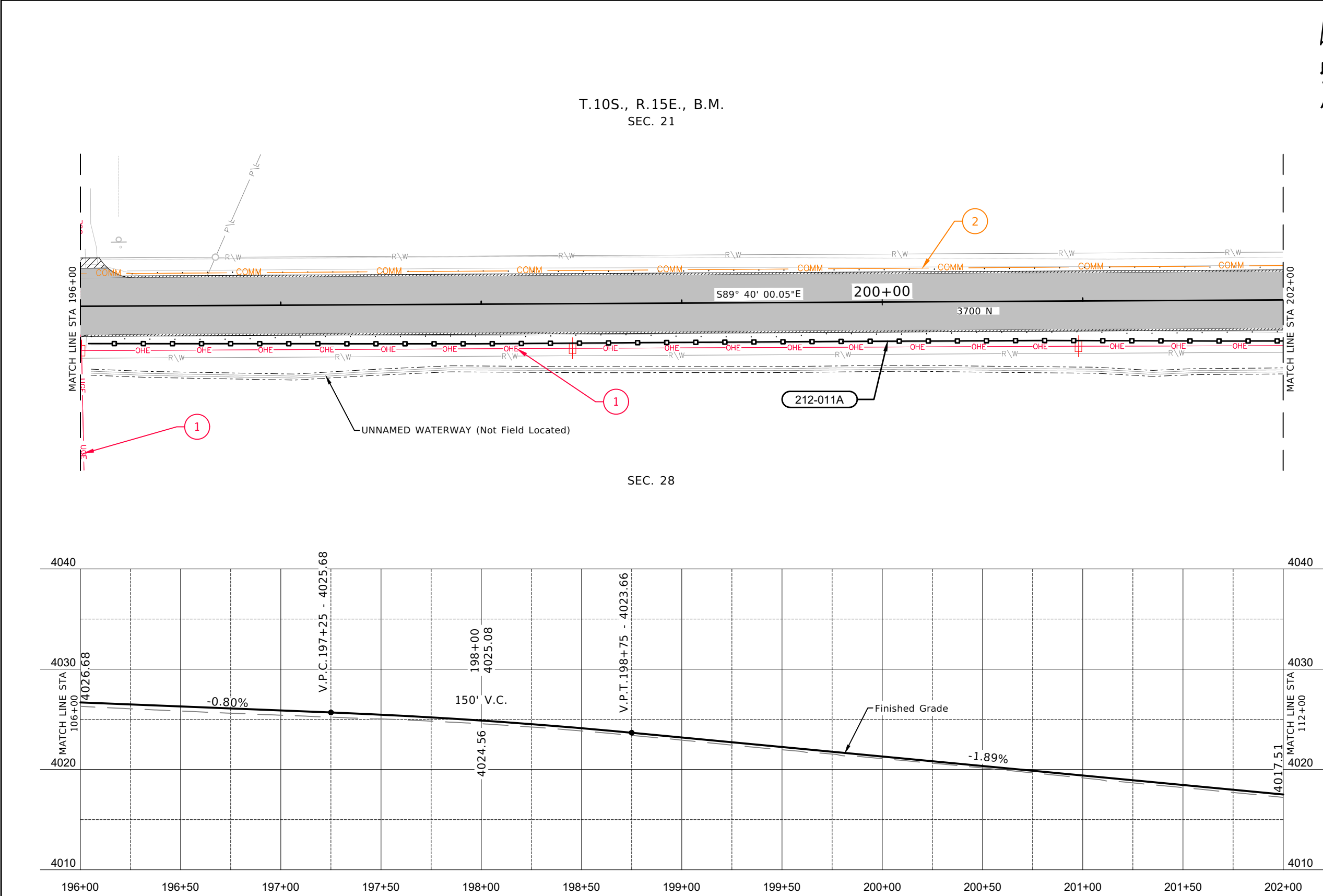
FORSGREN AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET 3700 N RD
STA 190+00 TO STA 196+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 26 OF 42



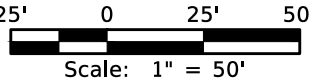


212-011A FIBER WATTLE
595 FT., STA 196+04, 19' RT TO
STA 202+00, 20' RT

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED T. SMITH
DESIGN CHECKED R. BECKMAN
DETAILED K. EBERSOLE
DRAWING CHECKED R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 196+00 TO STA 202+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

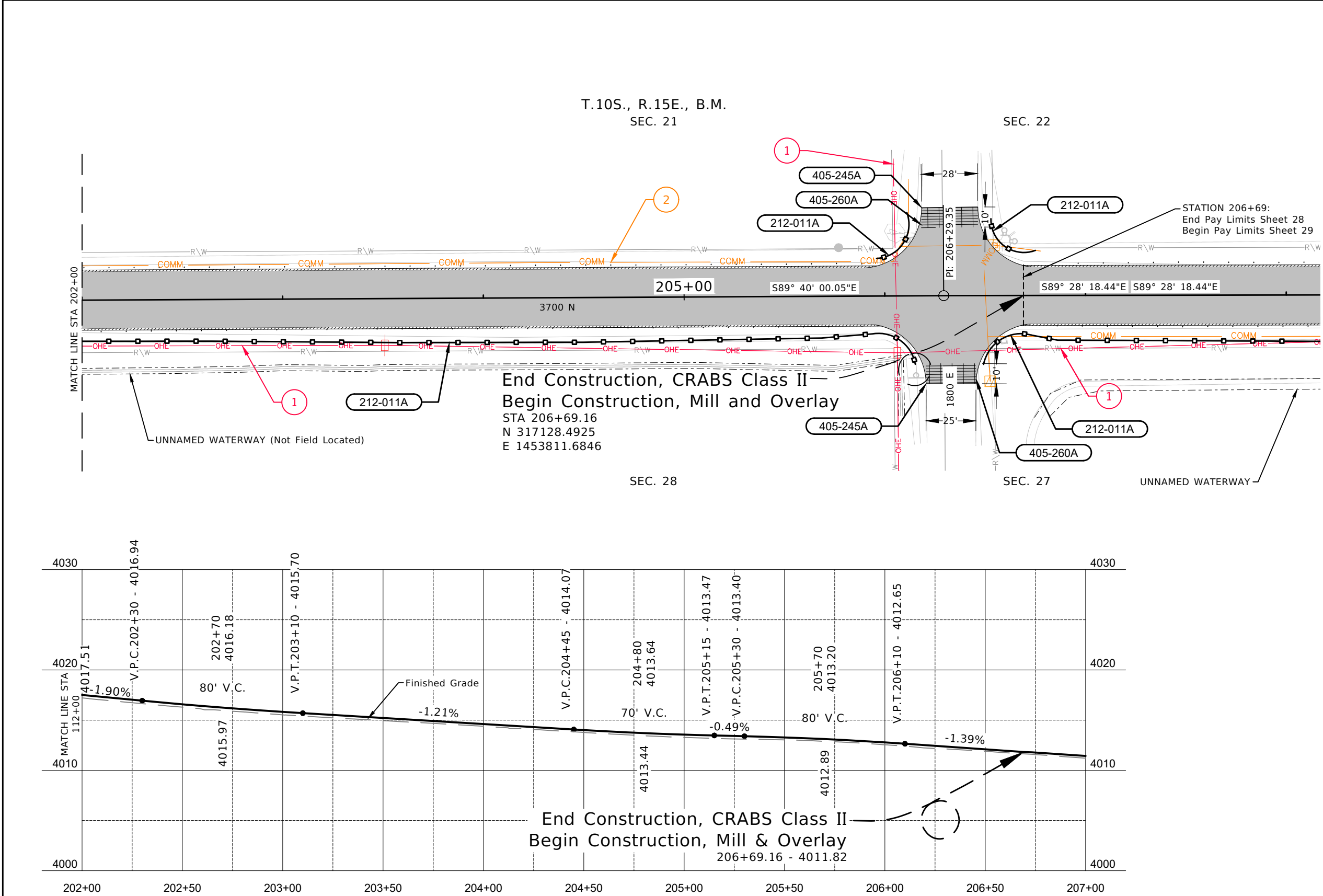
FORSOREN AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 196+00 TO STA 202+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 27 OF 42





- 212-011A FIBER WATTLE
425 FT., STA 202+00, 20' RT TO STA 206+15, 34' RT
30 FT., STA 205+96, 19' LT TO STA 206+11, 41' LT
30 FT., STA 206+49, 34' RT TO STA 206+69, 20' RT
30 FT., STA 206+53, 38' LT TO STA 206+72, 22' LT

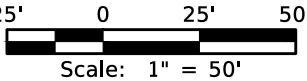
- 405-245A APPROACH, PAVED
1 EACH, STA 206+30 RT, W=25'
1 EACH, STA 206+30 LT, W=28'

- 405-260A WEDGE MILLING
32 SY., STA 206+29 LT
28 SY., STA 206+29 RT

- LEGEND:
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME
STA 196+00 TO STA 202+00
DRAWING DATE:
APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

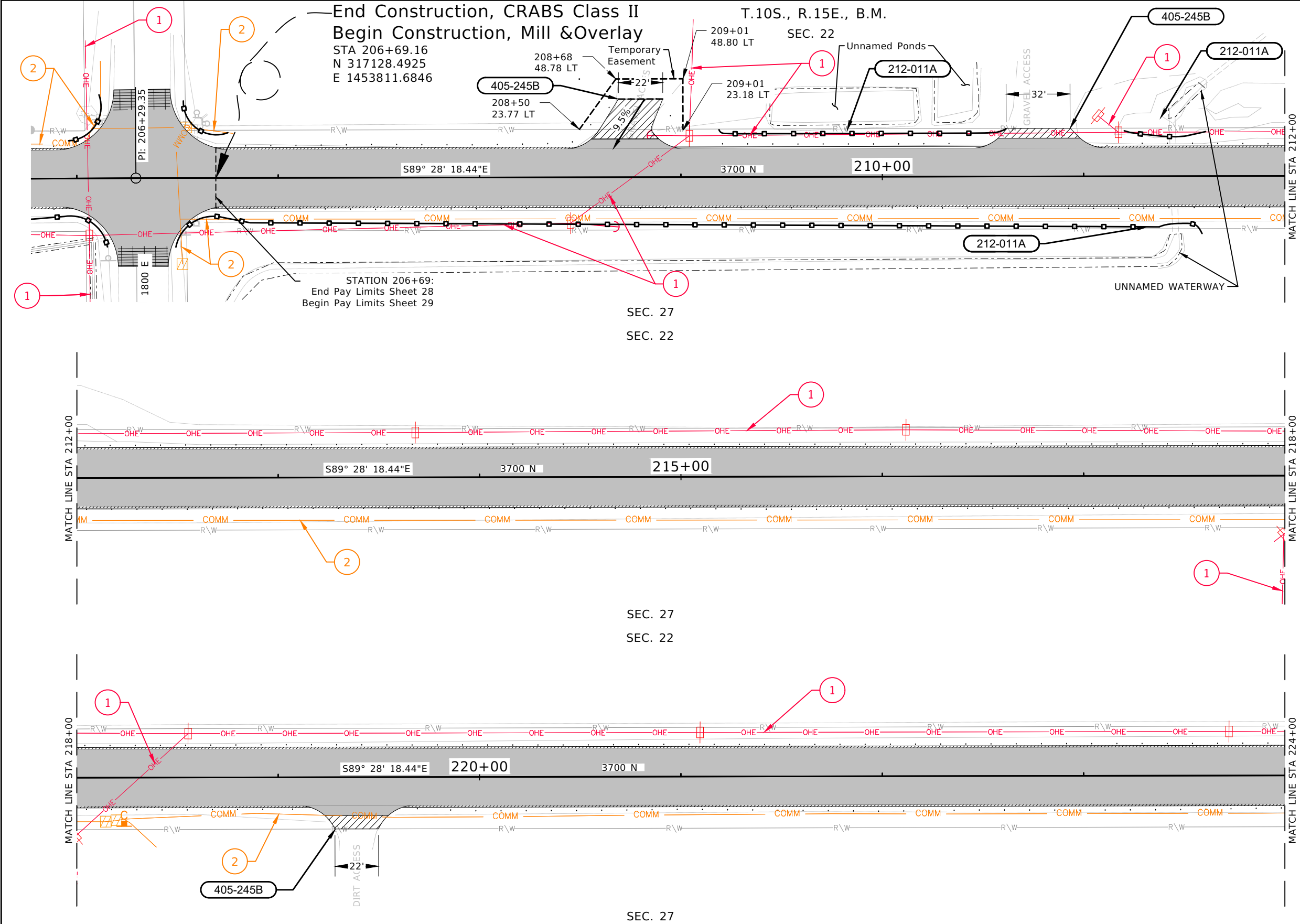
FORSGREN
AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 202+00 TO STA 206+69.16

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 28 OF 42





- 212-011A** FIBER WATTLE
495 FT., STA 206+69, 20' RT TO STA 211+59, 28' RT
140 FT., STA 209+19, 24' LT TO STA 210+61, 24' LT
40 FT., STA 211+20, 23' LT TO STA 211+61, 22' LT
- 405-245B** APPROACH, GRAVEL
1 EACH, STA 208+70, LT, W=22'
1 EACH, STA 210+75, LT, W=32'
1 EACH, STA 219+39, RT, W=22'

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW ¾" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME
STA 206+69.16 TO STA 224+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

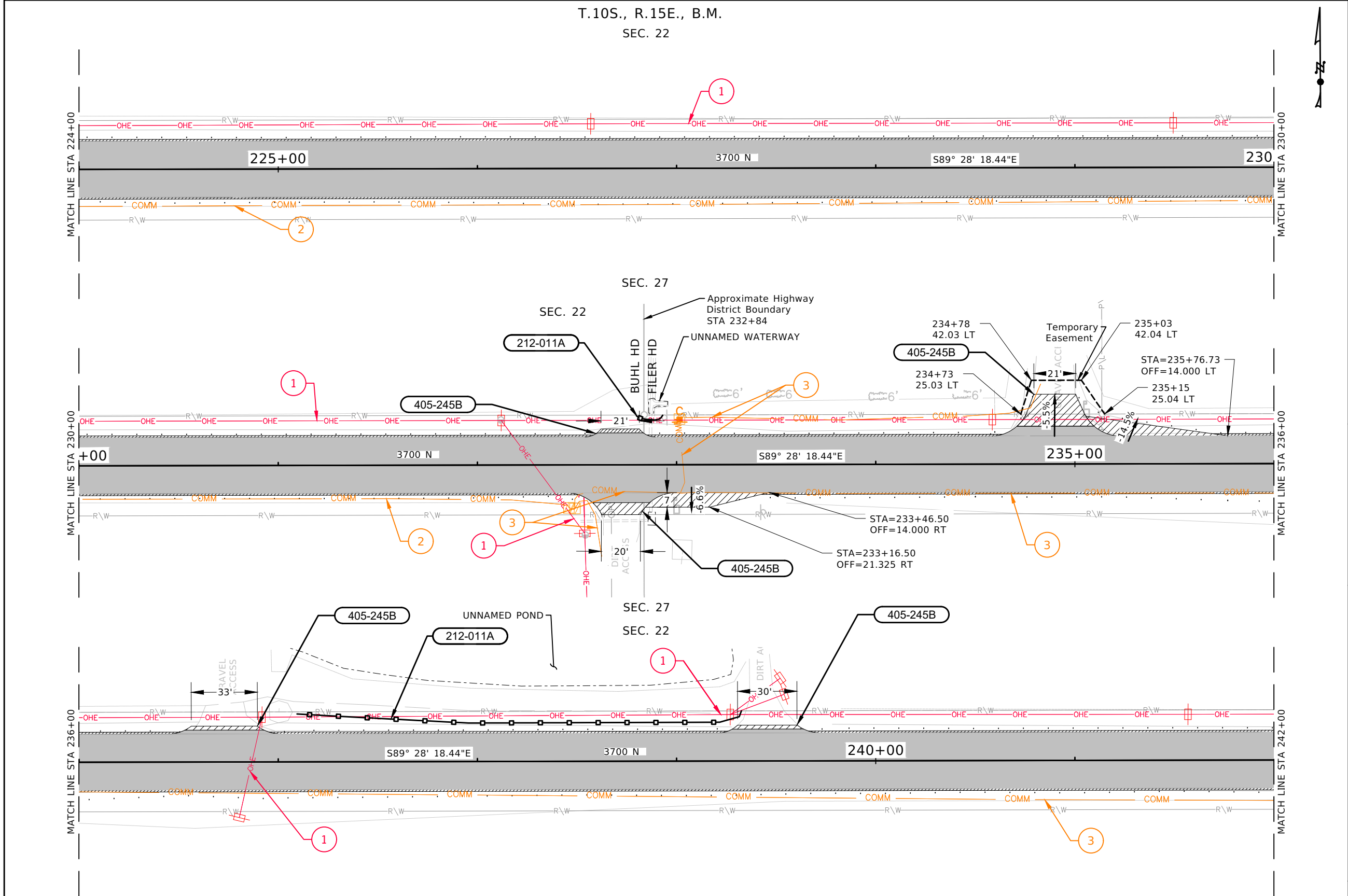
IDAHO
TRANSPORTATION
DEPARTMENT

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 206+69.16 TO STA 224+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 29 OF 42





- 212-011A

FIBER WATTLE
15 FT., STA 232+80, 24' LT TO
STA 232+93, 25' LT
225 FT., STA 237+09, 24' LT TO
STA 239+33, 25' LT
- 405-245B

APPROACH, GRAVEL
1 EACH, STA 232+72 LT, W=21'
1 EACH, STA 232+72 RT, W=20'
1 EACH, STA 234+91 LT, W=21'
1 EACH, STA 236+74 RT, W=33'
1 EACH, STA 239+48 LT, W=30'

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'

Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME
STA 206+69.16 TO STA 224+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

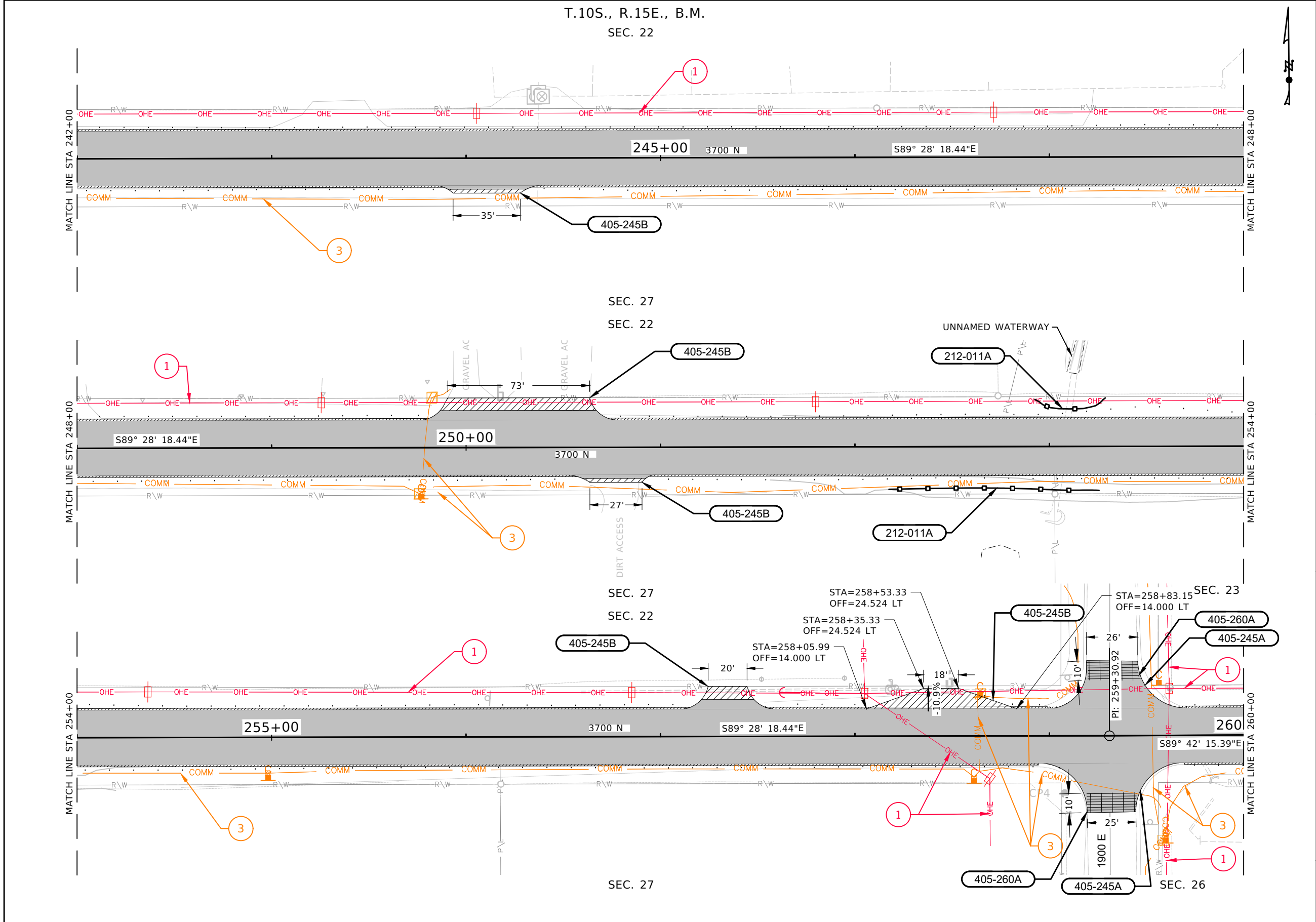
IDAHO
TRANSPORTATION
DEPARTMENT

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 224+00 TO STA 242+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 30 OF 42





- 212-011A

FIBER WATTLE
- 110 FT., STA 252+17, 22' RT TO STA 253+26, 23' RT
40 FT., STA 252+93, 24' LT TO STA 253+29, 25' LT
- 405-245A

APPROACH, PAVED
- 1 EACH, STA 259+31 LT, W=26'
1 EACH, STA 259+31 RT, W=25'
- 405-245B

APPROACH, GRAVEL
- 1 EACH, STA 244+08 RT, W=35'
1 EACH, STA 250+27 LT, W=73'
1 EACH, STA 250+79 RT, W=27'
1 EACH, STA 257+35 LT, W=20'
1 EACH, STA 258+44 LT, W=18'
- 405-260A

WEDGE MILLING
- 30 SY., STA 259+31 LT
29 SY., STA 259+31 RT

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
- NEW PLANTMIX PAVEMENT
- NEW ¾" AGGREGATE
- WEDGE MILLING
- FIBER WATTLE

- UTILITY LEGEND:**
- 1

IDAHO POWER Co
- 2

CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
- 3

TRULEAP TECH - UNDERGROUND

- NOTES:**
1. RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
2. RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
- Scale: 1" = 50'

REVISIONS				DESIGNED T. SMITH	DESIGN CHECKED R. BECKMAN	DETAILED K. EBERSOLE	DRAWING CHECKED R. BECKMAN
NO	DATE	BY	DESCRIPTION				

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	CADD FILE NAME STA 206+69.16 TO STA 224+00

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

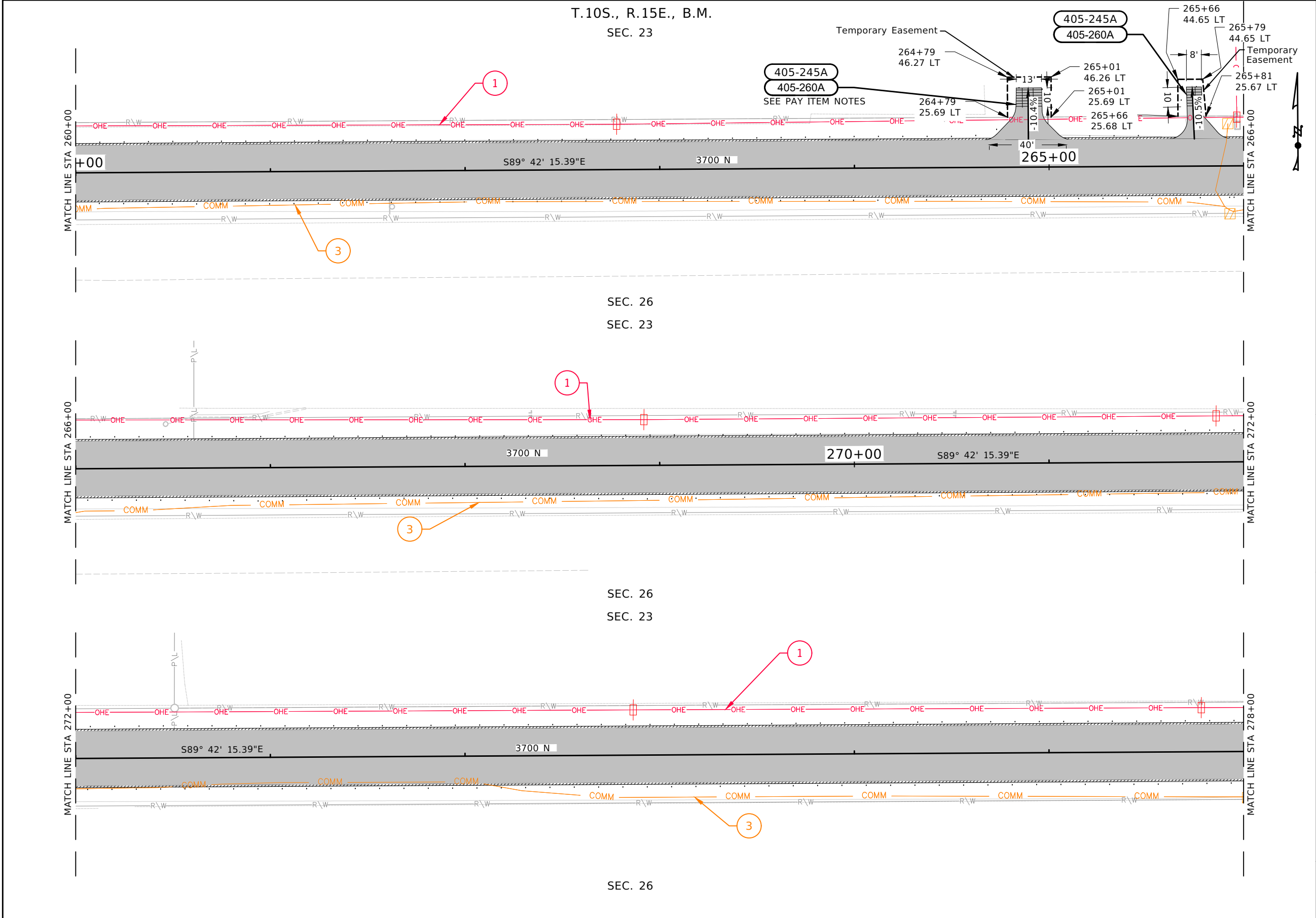
FORSGREN
AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 242+00 TO STA 260+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 31 OF 42





- 405-245A** APPROACH, PAVED
1 EACH, STA 264+91 LT, W=13'
1 EACH, STA 265+76 LT, W=8'
- 405-260A** WEDGE MILLING
15 SY., STA 264+91 LT
9 SY., STA 265+76 LT

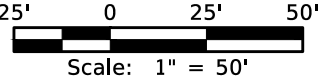
PAY ITEM NOTES:

CURRENT PAVED APPROACH AT 264+91 LT DOES NOT HAVE SUFFICIENT RADII TYING INTO 3700 N, CAUSING VEHICLES TO FREQUENTLY OFF-TRACK. PROVIDE NEW PAVEMENT WIDER THAN EXISTING, AS SHOWN ON PLANS, APPROXIMATELY 40' WIDE AT THE EDGE OF 3700 N, TAPERING DOWN TO 13' WIDE DRIVEWAY.

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW ¾" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME
STA 260+00 TO STA 278+00
DRAWING DATE:
APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

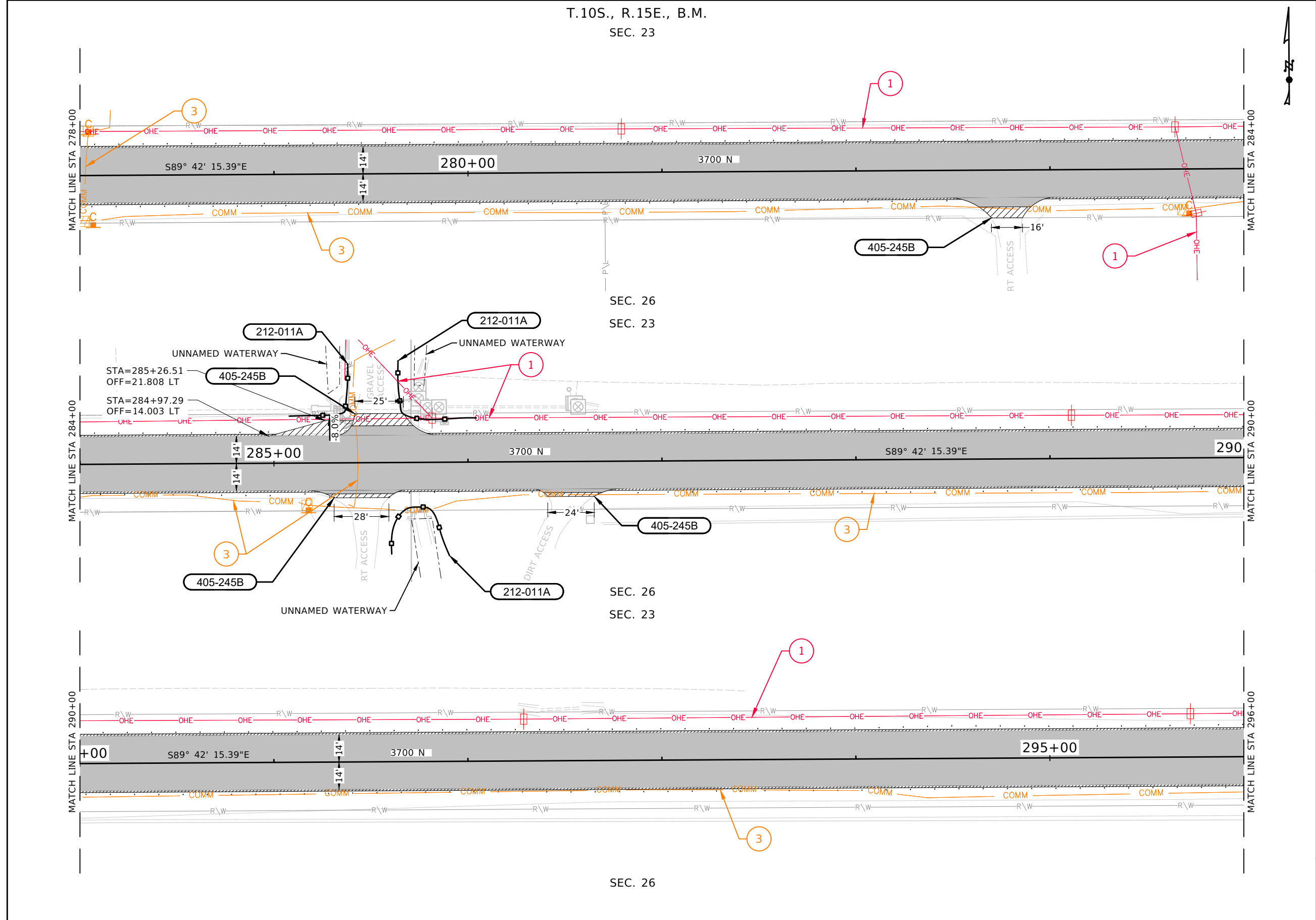
FORSGREN AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 260+00 TO STA 278+00

ENGLISH
COUNTY
TWIN FALLS
KEY NUMBER
23733
SHEET
32 OF 42





- 212-011A** FIBER WATTLE
- 55 FT., STA 285+38, 51' LT TO STA 285+08, 24' LT
 - 65 FT., STA 285+60, 47' RT TO STA 285+90, 48' RT
 - 65 FT., STA 285+64, 52' LT TO STA 286+04, 23' LT
- 405-245B** APPROACH, GRAVEL
- 1 EACH, STA 282+78 RT, W=16'
 - 1 EACH, STA 285+47 RT, W=28'
 - 1 EACH, STA 285+54 LT, W=25'
 - 1 EACH, STA 286+50 RT, W=24'

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
- Scale: 1" = 50'

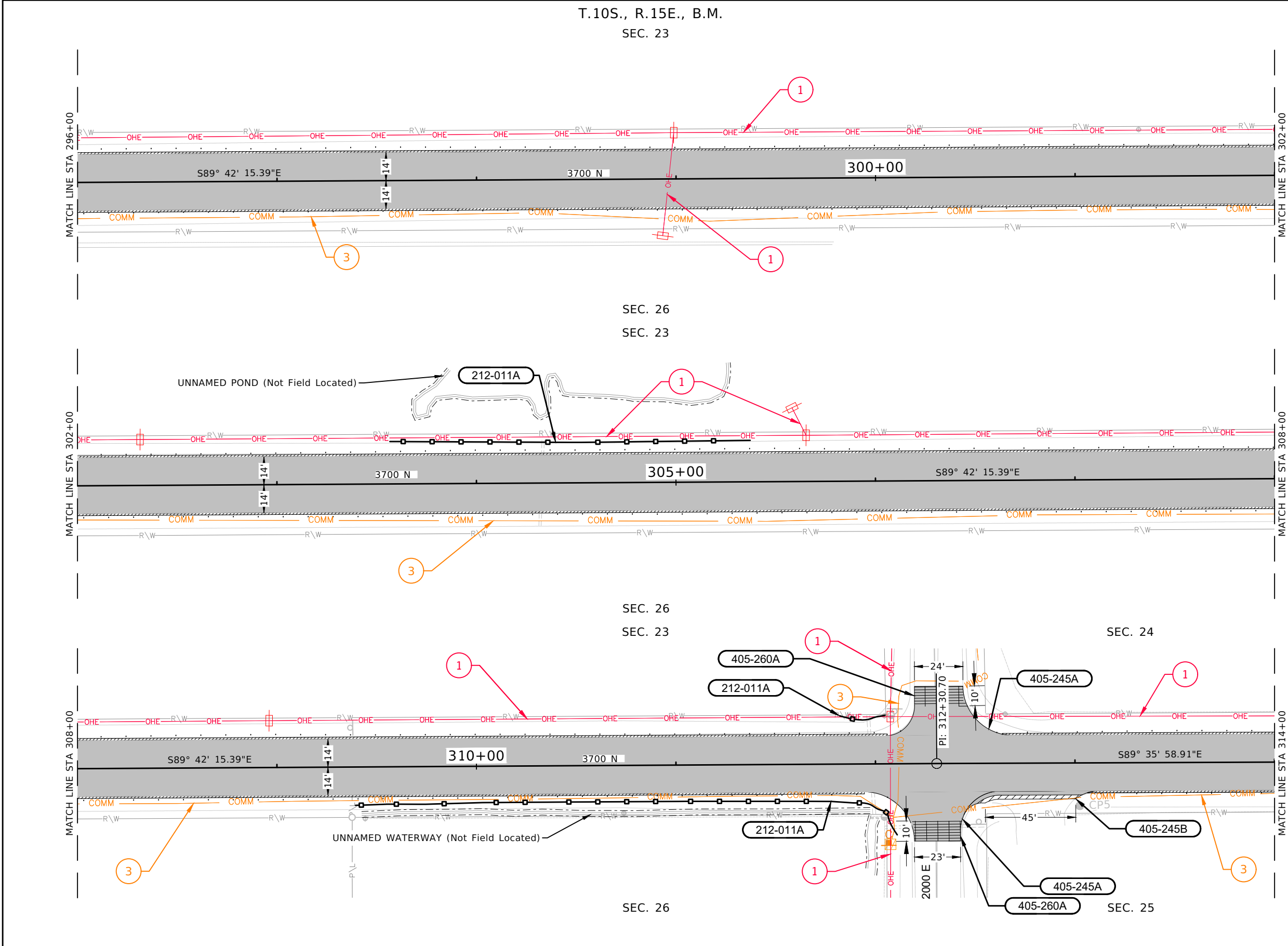
REVISIONS				DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	PROJECT NO. A023(733)	PLAN SHEET 3700 N RD STA 278+00 TO STA 296+00	ENGLISH	
NO	DATE	BY	DESCRIPTION					COUNTY	KEY NUMBER
				DESIGN CHECKED R. BECKMAN				TWIN FALLS	23733
				DETAILED K. EBERSOLE	CADD FILE NAME STA 260+00 TO STA 278+00				
				DRAWING CHECKED R. BECKMAN	DRAWING DATE: APRIL 2026				

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

FORSGREN AN APEX COMPANY

PROFESSIONAL ENGINEER
REGISTERED
10208
5/4/15/2026
STATE OF IDAHO
STEVEN R. YEARSLEY



212-011A FIBER WATTLE
180 FT., STA 303+57, 21' LT TO
STA 305+37, 21' LT
280 FT., STA 309+39, 20' RT TO
STA 312+11, 36' RT
25 FT., STA 311+82, 24' LT TO
STA 312+05, 24' LT

405-245A APPROACH, PAVED
1 EACH, STA 312+31 LT, W=24'
1 EACH, STA 312+31 RT, W=23'

405-245B APPROACH, GRAVEL
1 EACH, STA 312+83 RT, W=45'

405-260A WEDGE MILLING
28 SY., STA 312+31 LT
27 SY., STA 312+31 RT

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW ¾" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1** IDAHO POWER Co
 - 2** CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3** TRULEAP TECH - UNDERGROUND

NOTES:

- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
- RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.

25' 0 25' 50'
Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME STA 260+00 TO STA 278+00
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

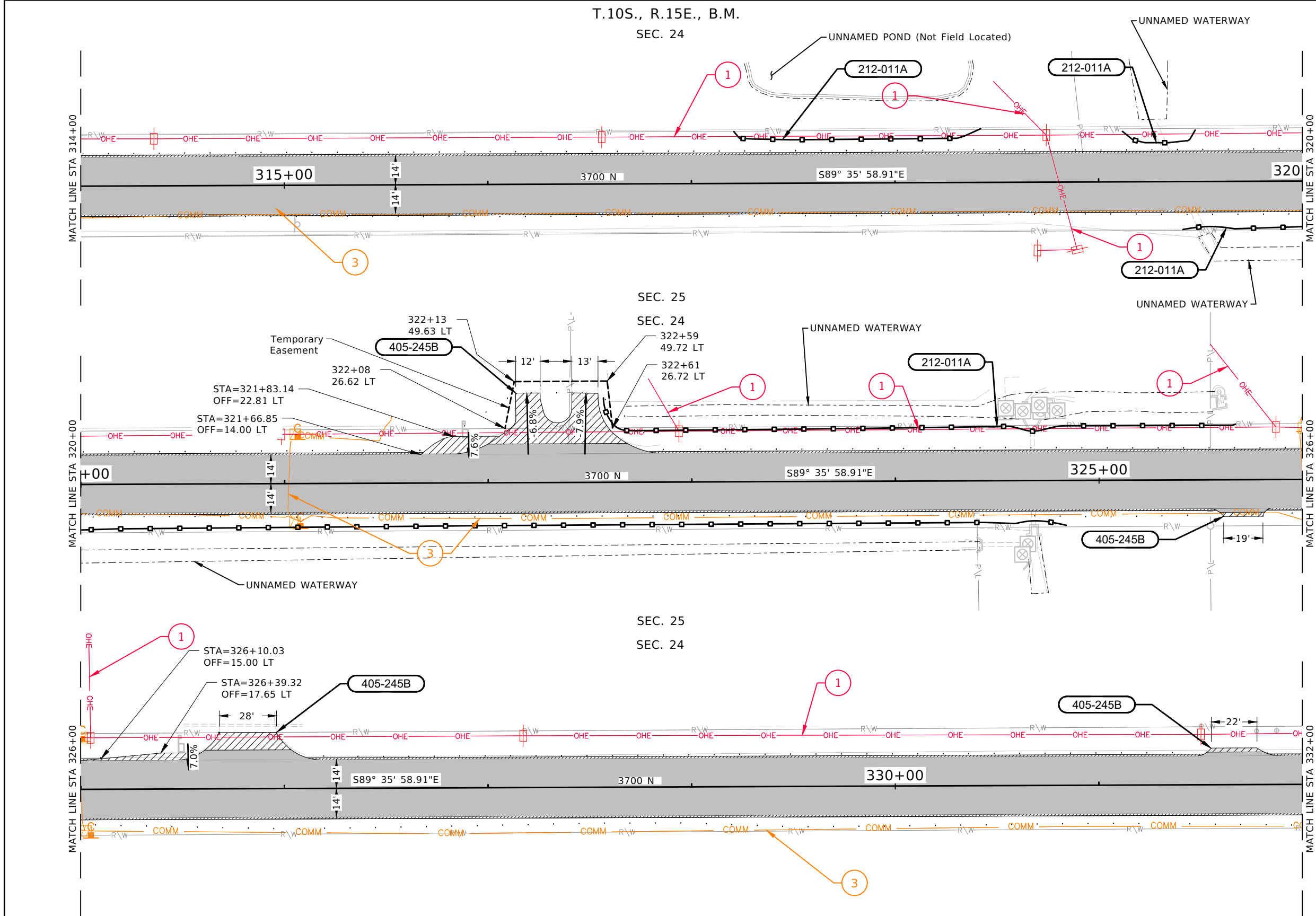
FORSGREN
AN APEX COMPANY

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 296+00 TO STA 314+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 34 OF 42





- 212-011A** FIBER WATTLE
125 FT., STA 317+21, 16' LT TO STA 318+42, 27' LT
40 FT., STA 319+12, 25' LT TO STA 319+47, 25' LT
545 FT., STA 319+41, 23' RT TO STA 324+84, 22' RT
325 FT., STA 322+57, 41' LT TO STA 325+67, 28' LT
- 405-245B** APPROACH, GRAVEL
1 EACH, STA 322+35 LT, W=12', 13'
1 EACH, STA 325+72 RT, W=19'
1 EACH, STA 326+82 LT, W=28'
1 EACH, STA 331+64 LT, W=22'

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1** IDAHO POWER Co
 - 2** CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3** TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'

Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 3700 N Plan 25-27
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

PROJECT NO.
A023(733)

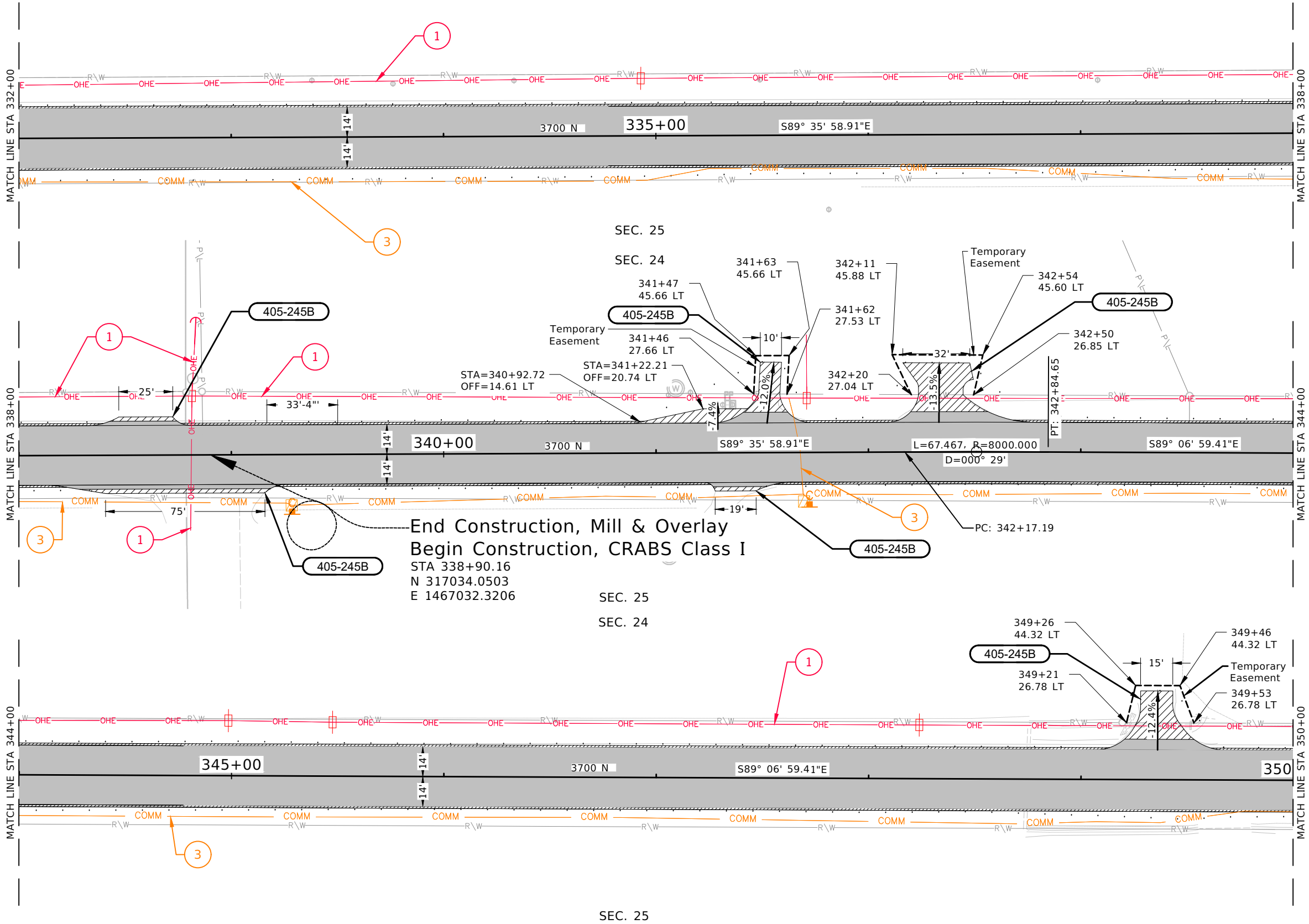
PLAN SHEET
3700 N RD
STA 314+00 TO STA 332+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 35 OF 42



T.10S., R.15E., B.M.

SEC. 24

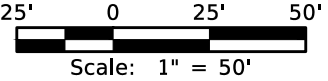


- 405-245B APPROACH, GRAVEL
- 1 EACH, STA 338+65 LT, W=25'
 - 1 EACH, STA 338+84 RT, W=75'
 - 1 EACH, STA 341+34 RT, W=19'
 - 1 EACH, STA 341+53 LT, W=10'
 - 1 EACH, STA 342+34 LT, W=32'
 - 1 EACH, STA 349+36 LT, W=15'

- LEGEND:
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:
- 1 IDAHO POWER Co
 - 2 CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3 TRULEAP TECH - UNDERGROUND

- NOTES:
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 3700 N Plan 25-27
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

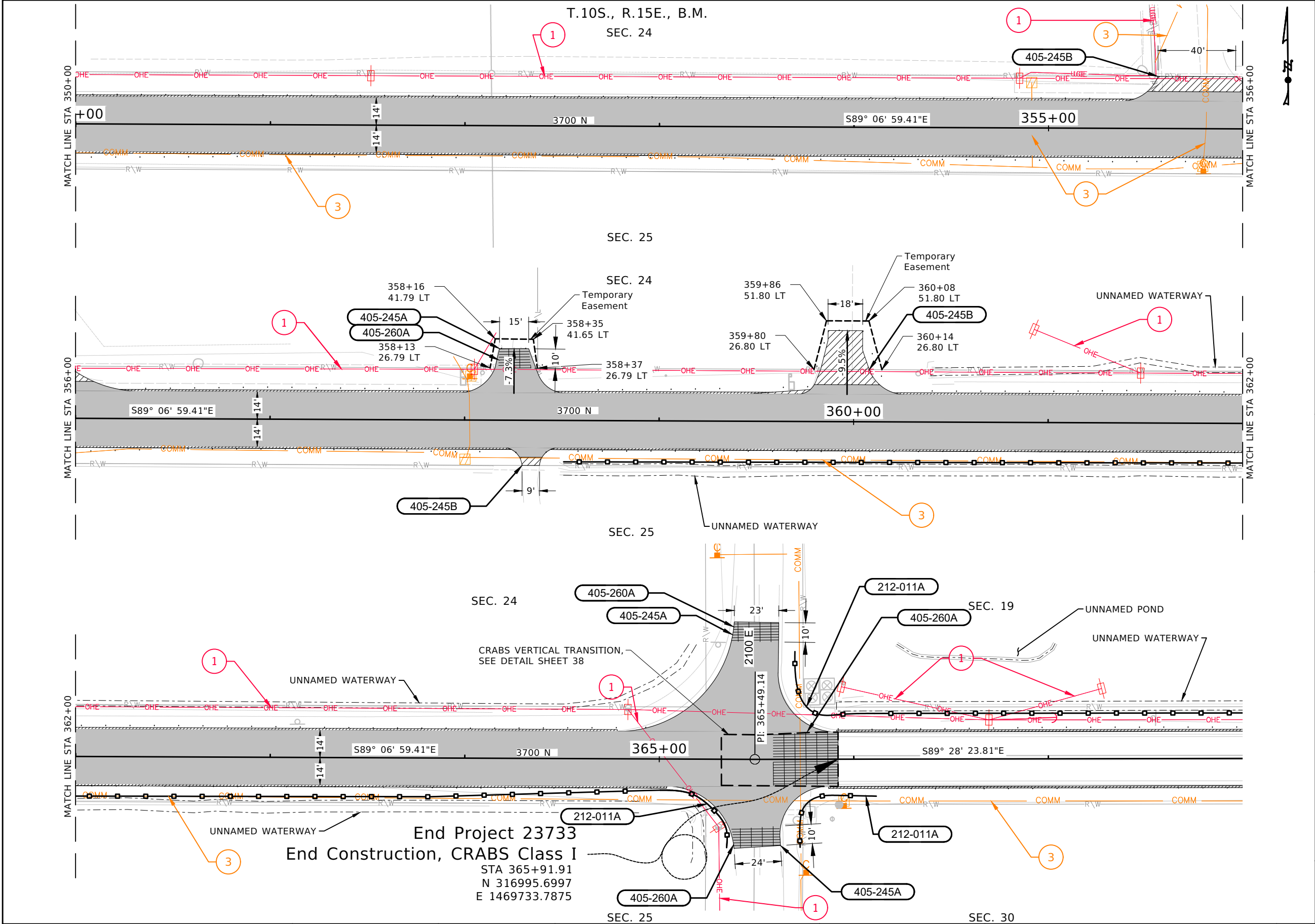
IDAHO
TRANSPORTATION
DEPARTMENT

PROJECT NO.
A023(733)

PLAN SHEET
3700 N RD
STA 332+00 TO STA 350+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 36 OF 42





212-011A FIBER WATTLE
700 FT., STA 358+51, 22' RT TO
STA 365+35, 45' RT
65 FT., STA 365+70, 55' LT TO
STA 366+11, 24' LT
60 FT., STA 365+72, 45' RT TO
STA 366+12, 19' RT

405-245A APPROACH, PAVED
1 EACH, STA 358+26 LT, W=15'
1 EACH, STA 365+49 LT, W=23'
1 EACH, STA 365+49 RT, W=24'

405-245B APPROACH, GRAVEL
1 EACH, STA 355+76 LT, W=40'
1 EACH, STA 358+34 RT, W=9'
1 EACH, STA 359+95 LT, W=18'

405-260A WEDGE MILLING
18 SY., STA 358+26 LT
27 SY., STA 365+49 LT
27 SY., STA 365+49 RT
100 SY., STA 365+32 TO 365+65

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1** IDAHO POWER Co
 - 2** CENTURY LINK/LUMEN - UNDERGROUND (ABANDONED)
 - 3** TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, FENCES, IRRIGATION INFRASTRUCTURE, CULVERTS, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED R. BECKMAN	
DETAILED K. EBERSOLE	CADD FILE NAME 3700 N Plan 25-27
DRAWING CHECKED R. BECKMAN	DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

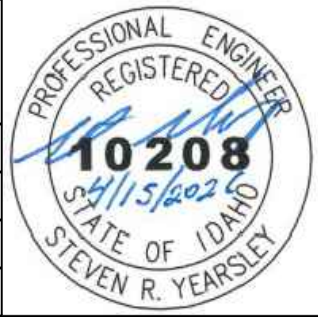
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

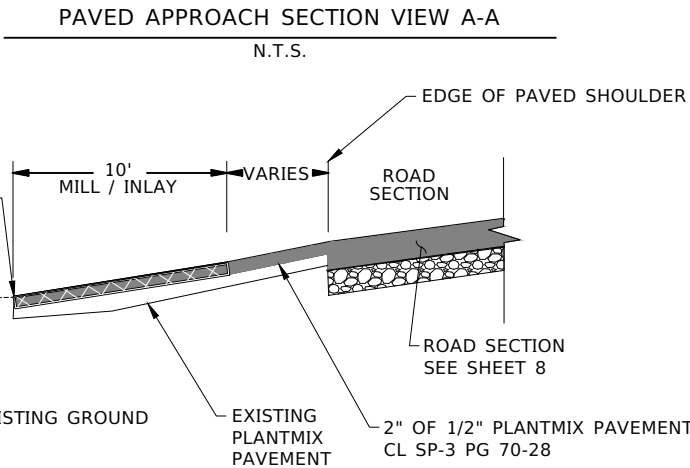
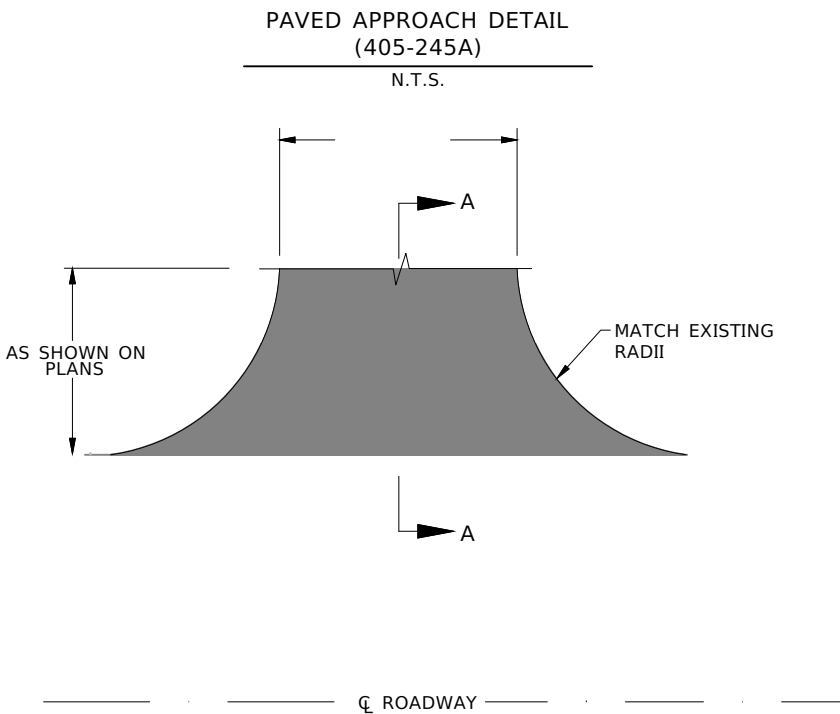
FORSGREN
AN APEX COMPANY

PROJECT NO.
A023(733)

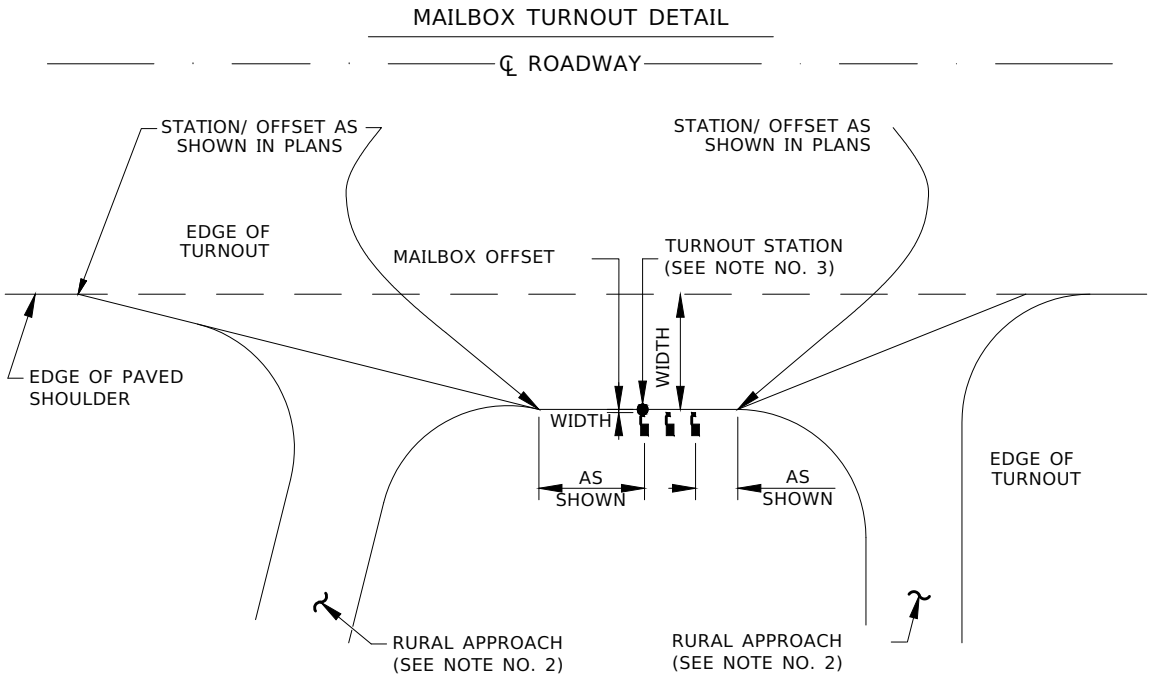
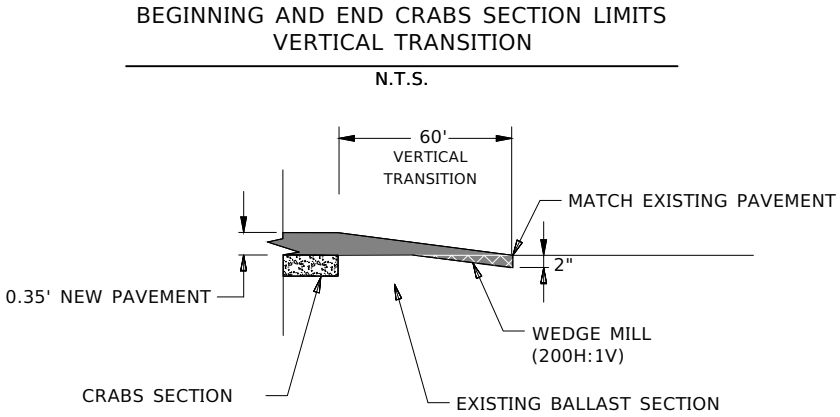
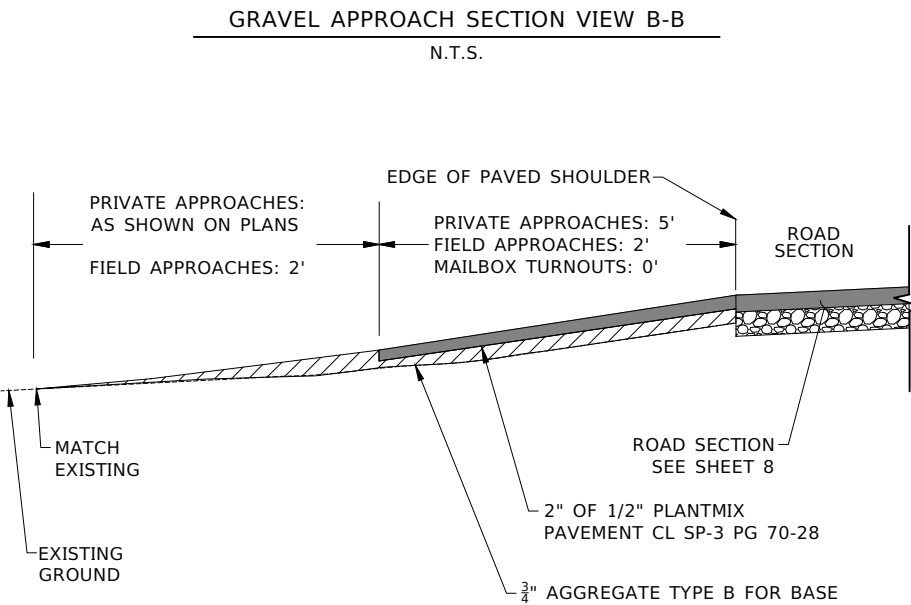
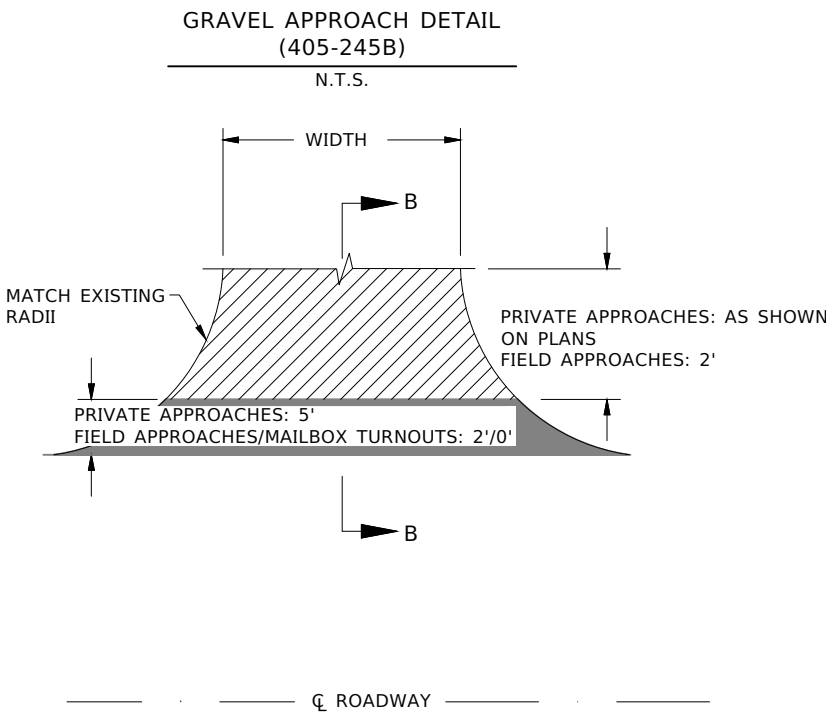
PLAN SHEET 3700 N RD
STA 350+00 TO STA 365+91.91

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 37 OF 42





- NOTES**
1. ALL APPROACH WORK TO TAKE PLACE IN EXISTING RIGHT OF WAY OR WITHIN TEMPORARY EASEMENTS.



- NOTES**
1. LOCATE MAILBOX TURNOUT SO THAT THE TAPERS DO NOT OVERLAP THE INTERSECTION CURVE RADII.
 2. CONSTRUCT RURAL APPROACHES TO DIMENSIONS SHOWN IN PLANS AND IN ACCORDANCE WITH STANDARD DRAWING 405-1.
 3. MEASURE MAILBOX TURNOUT STATION AND OFFSET AT THE EDGE OF THE TURNOUT PERPENDICULAR TO THE FIRST MAILBOX.
 4. RETAIN AND PROTECT ALL MAILBOXES UNLESS OTHERWISE NOTED.
 5. NOT TO SCALE.

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN	ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME	APPROACH DETAIL
DRAWING DATE:	APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

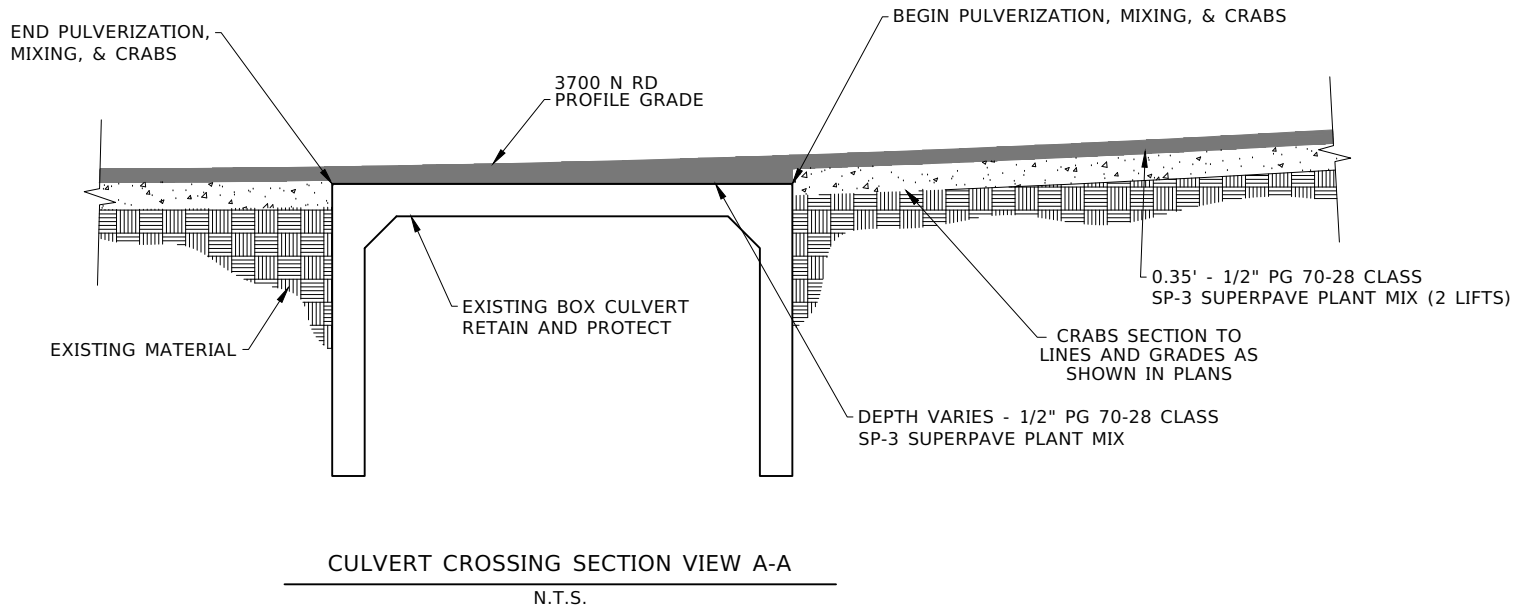
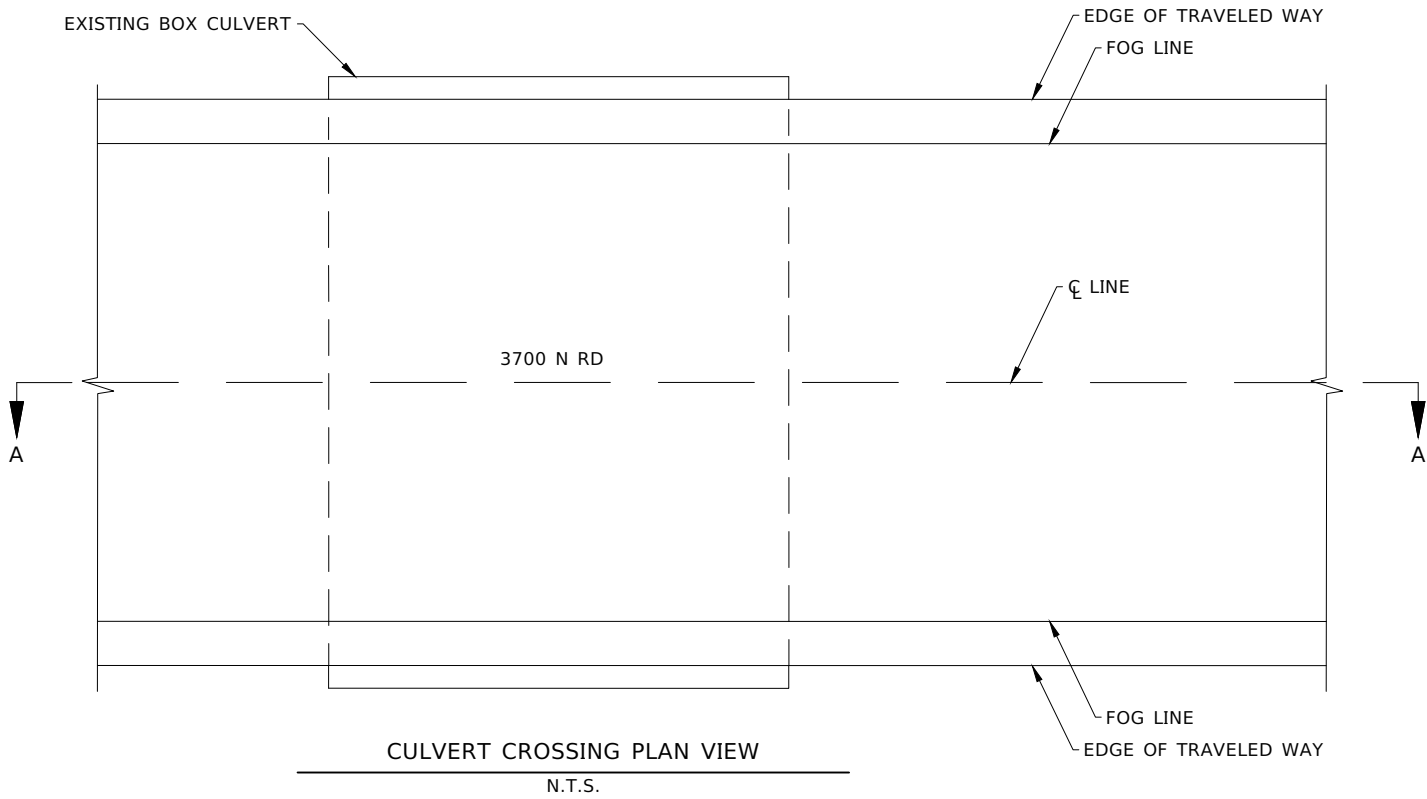
FORSYTH AN APEX COMPANY

A023(733)

APPROACH DETAIL
3700 N RD

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 38 OF 42





REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME APPROACH DETAIL
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

FORSYTH

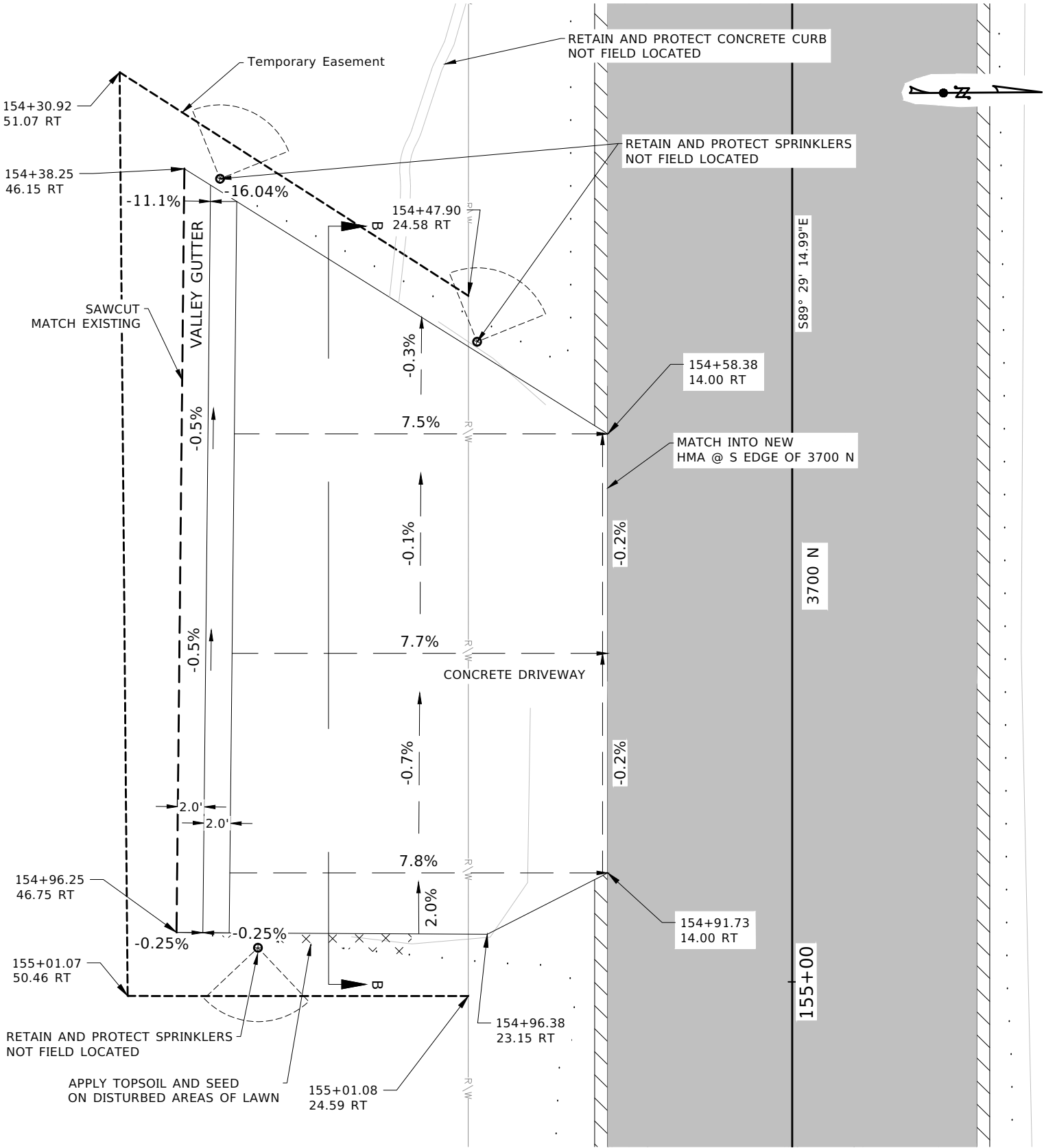
AN APEX COMPANY

A023(733)

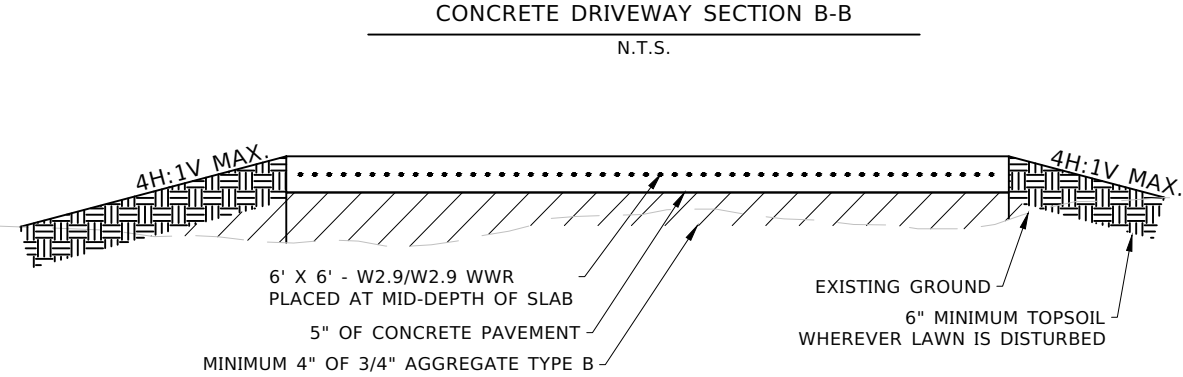
CULVERT CROSSING DETAIL
3700 N RD

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 39 OF 42





CONCRETE DRIVEWAY DETAIL
1"=10'



- CONCRETE DRIVEWAY NOTES:
- 1. FULL EXTENTS OF DRIVEWAY NOT FIELD LOCATED. REPLACE DRIVEWAY TO EXISTING EAST AND WEST EXTENTS.
 - 2. MATCH EXISTING ELEVATION AT SOUTHERN EXTENTS OF DRIVEWAY WORK.
 - 3. INSTALL A 4' WIDE VALLEY GUTTER WITH MAXIMUM 400H:1V SIDE SLOPES AND A 0.5% LONGITUDINAL SLOPE DRAINING TO THE WEST.
 - 4. SLOPES SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED BASED ON EXISTING CONDITIONS. DRIVEWAY NOT TO EXCEED 8% GRADE.
 - 5. WELDED WIRE REINFORCEMENT LAP SPLICES SHALL BE MINIMUM OF 8" (ONE FULL SQUARE PLUS 2"). WELDED WIRE REINFORCEMENT IS INCIDENTAL TO CONSTRUCTION OF CONCRETE PAVEMENT.
 - 6. WELDED WIRE REINFORCEMENT, TOPSOIL, AND SEEDING INCIDENTAL TO CONSTRUCTION OF CONCRETE PAVEMENT PAY ITEM 409-015A.
 - 7. PERFORM ALL WORK WITHIN THE LIMITS OF THE TEMPORARY EASEMENT.
 - 8. RETAIN AND PROTECT ALL SPRINKLER INFRASTRUCTURE AND LANDSCAPING FEATURES

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME
APPROACH DETAIL
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

A023(733)

CONCRETE DRIVEWAY DETAIL
3700 N RD

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 40 OF 42



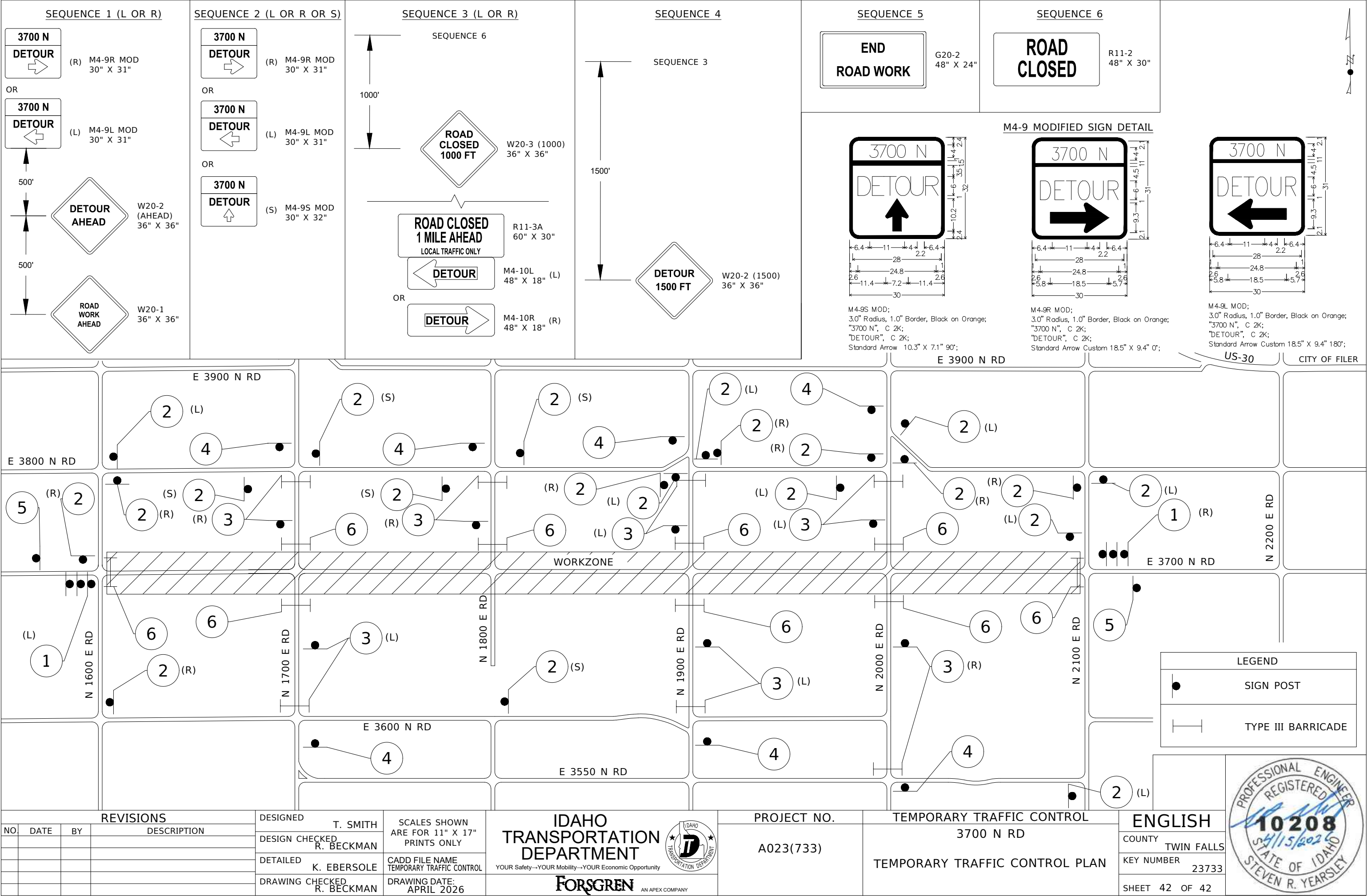
NOTES:

1. ALL TAPER LENGTHS, AND WORK ZONE TRAFFIC CONTROL SIGNING AND DEVICES USED BY THE CONTRACTOR, WILL MEET OR EXCEED THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS ADOPTED BY THE STATE.
2. ALL SIGNS AND CHANNELIZING DEVICES USED BY THE CONTRACTOR TO BE NEW OR IN LIKE NEW CONDITION AND WILL MEET THE RETRO REFLECTIVITY REQUIREMENTS OF THE IDAHO TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SUBSECTION 712.02.
3. TRAFFIC CONTROL OPERATIONS TO COMPLY WITH THE REQUIREMENTS OF THE IDAHO TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SUBSECTION 105.14 D - MAINTENANCE OF TRAFFIC.
4. SUBMIT A NEW TRAFFIC CONTROL PLAN FOR APPROVAL IF THE TRAFFIC CONTROL PLAN AS SHOWN DOES NOT CONFORM TO THE CONTRACTOR'S METHOD OF OPERATION.
5. ALL DISTANCES BETWEEN SIGNS ARE A MINIMUM OF 500 FT AND MAY REQUIRE SPACING ADJUSTMENTS IN THE FIELD DEPENDING ON PREVAILING CONDITIONS, AND/OR CONFLICTS WITH EXISTING SIGNS.
6. ADDITIONAL SIGNING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
7. SIGNS AND SIGN STANDS NOT IN USE TO BE REMOVED OR LAID DOWN AT LEAST 15 FEET FROM THE TRAVEL WAY.
8. COVER CONFLICTING SIGNS BY AN ENGINEER APPROVED METHOD OR REMOVED DURING CONSTRUCTION. SIGNS DAMAGED BY THE CONTRACTOR TO BE REPLACED AT THE CONTRACTOR'S EXPENSE. BLACK PLASTIC WILL NOT BE ACCEPTED BY THE DEPARTMENT.
9. THE "BEGIN HIGHER FINES ZONE " SIGN (R2-10) TO ONLY BE USED BY THE CONTRACTOR WHERE THE SPEED LIMIT HAS BEEN TEMPORARILY REDUCED FOR CONSTRUCTION.
10. MOUNT ALL POST MOUNTED SIGNS A MINIMUM OF 6 FT ABOVE THE LEVEL OF THE ROADWAY MEASURED FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE PAVEMENT SURFACE. THE HEIGHT TO THE BOTTOM OF A SECONDARY SIGN MOUNTED BELOW ANOTHER SIGN TO BE 4 FT.
11. MOUNT ALL SIGNS MOUNTED ON TEMPORARY SIGN STANDS A MINIMUM OF 5 FT ABOVE THE LEVEL OF THE ROADWAY MEASURED FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE PAVEMENT SURFACE. TEMPORARY SIGN STANDS TO BE PERMITTED ONLY WHERE SIGNS ARE PLACED AT THE SAME LOCATION LESS THAN THREE (3) DAYS.
12. USE DRUMS ON ALL CONSTRUCTION ROADWAY TAPERS.
13. USE LIGHT PLANTS AT EACH FLAGGING STATION DURING THE HOURS OF DARKNESS.
14. HAVE A CERTIFIED WORK SITE TRAFFIC CONTROL SUPERVISOR ON SITE TO DIRECT THE INSTALLATION AND MODIFICATION OF THE TRAFFIC CONTROL.
15. TEMPORARY SPEED REDUCTIONS LIMITED TO THE ACTIVE WORK ZONE ONLY. THE SPEED LIMIT TO BE RESTORED TO NORMAL SPEED WHEN PERMANENT MARKING IS COMPLETED.
16. TEMPORARY SPEED LIMITS WILL NOT EXCEED NORMALLY POSTED SPEED LIMITS.
17. COORDINATE WORK WITH THE AUTHORITIES HAVING JURISDICTION OVER THE LOCAL ROADS IMPACTED BY THIS PROJECT, INCLUDING OBTAINING ANY REQUIRED PERMITS.
18. CONTRACTOR TO MAINTAIN LOCAL ACCESS TO RESIDENTS DURING CONSTRUCTION.

SUMMARY OF TRAFFIC CONTROL SIGNS						
SIGN	CLASS	DESCRIPTION	SIZE	QUAN.	SF	SQUARE FEET
G20-2	B	END ROAD WORK	48" X 24"	2	8	16
M4-9L MOD	B	DETOUR	30" X 31"	9	6	58.1
M4-9R MOD	B	DETOUR	30" X 31"	9	6	58.1
M4-9S MOD	B	DETOUR	30" X 32"	5	7	33.3
M4-10L	B	DETOUR	48" X 18"	3	6	18
M4-10R	B	DETOUR	48" X 18"	4	6	24
R11-2	B	ROAD CLOSED	48" X 30"	9	10	90
R11-3A	B	ROAD CLOSED - LOCAL TRAFFIC ONLY	60" X 30"	7	13	87.5
W20-1	B	ROAD WORK AHEAD	36" X 36"	2	9	18
W20-2 (AHEAD)	B	DETOUR AHEAD	36" X 36"	2	9	18
W20-2 (1500)	B	DETOUR 1500 FT	36" X 36"	7	9	63
W20-3 (1000)	B	ROAD CLOSED 1000 FT	36" X 36"	7	9	63
SUBTOTAL						547
SUBTOTAL +20%						657

REVISIONS				DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity	PROJECT NO. A023(733)	TEMPORARY TRAFFIC CONTROL 3700 N RD TEMPORARY TRAFFIC CONTROL	ENGLISH	
NO	DATE	BY	DESCRIPTION	DESIGN CHECKED R. BECKMAN					COUNTY TWIN FALLS	
				DETAILED K. EBERSOLE					KEY NUMBER 23733	
				DRAWING CHECKED R. BECKMAN					DRAWING DATE: APRIL 2026	
									SHEET 41 OF 42	

PROFESSIONAL ENGINEER
REGISTERED
10208
5/4/15/2026
STATE OF IDAHO
STEVEN R. YEARSLEY



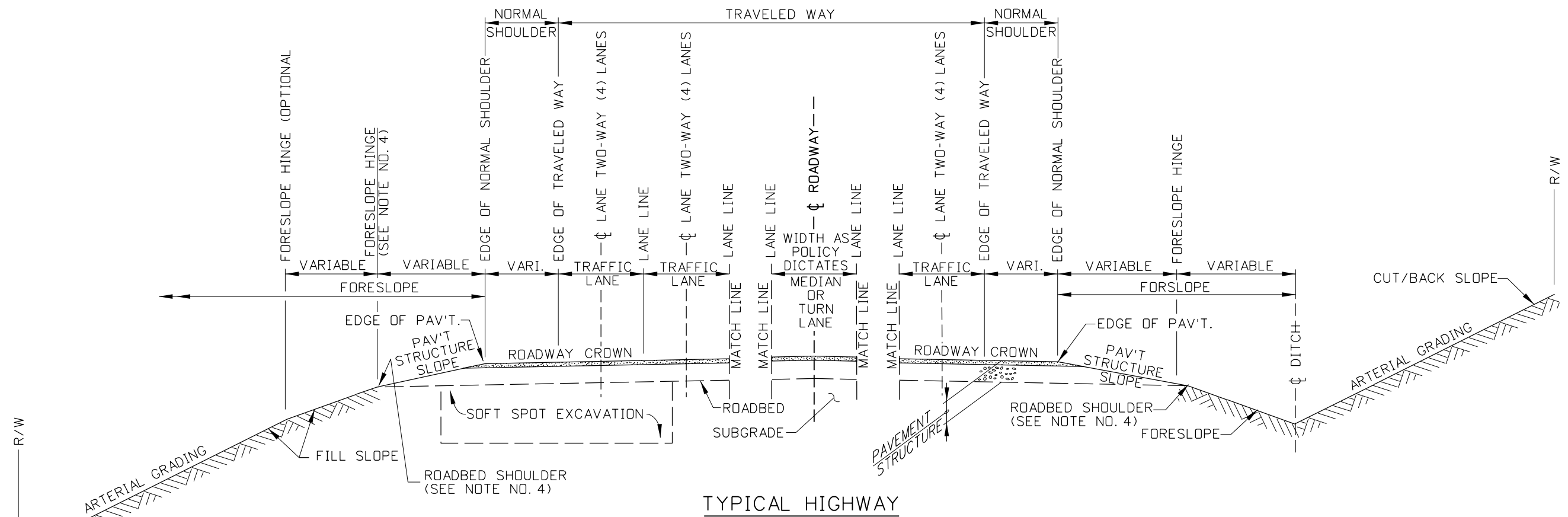
The image contains three diagrams illustrating road cross-sections:

- SLOPE ROUNDING:** A cross-section of a road shoulder and slope. The top horizontal section is labeled "10' MIN. 10' MIN.". Below it, a hatched area represents the slope. A note states: "SLOPE ROUNDING SHALL BE AS GENEROUS AS PRACTICAL". The entire diagram is labeled "SLOPE ROUNDING" at the bottom.
- SUPERELEVATION:** A cross-section showing a "NORMAL CROWN SECTION" (top) and a "SUPERELEVATED SECTION" (bottom). The normal section has a crown with a slope of 0.02'/FT. on both sides. The superelevated section shows a cross-slope of 'e' on both sides. The width is labeled "CONSTANT WIDTH". The entire diagram is labeled "SUPERELEVATION" at the bottom.
- SUPERELEVATION WITH ROLL OVER:** A cross-section showing a "NORMAL CROWN SECTION" (top) and a "SUPERELEVATED SECTION" (bottom). The normal section has a crown with a slope of 0.02'/FT. on both sides. The superelevated section shows a cross-slope of 0.02'/FT. on both sides, with a "12' 12'" width. A note indicates: "0.08'/FT. MAXIMUM ROLL OVER WHEN NOTED ON PLANS". The width is labeled "CONSTANT WIDTH". The entire diagram is labeled "SUPERELEVATION WITH ROLL OVER" at the bottom.

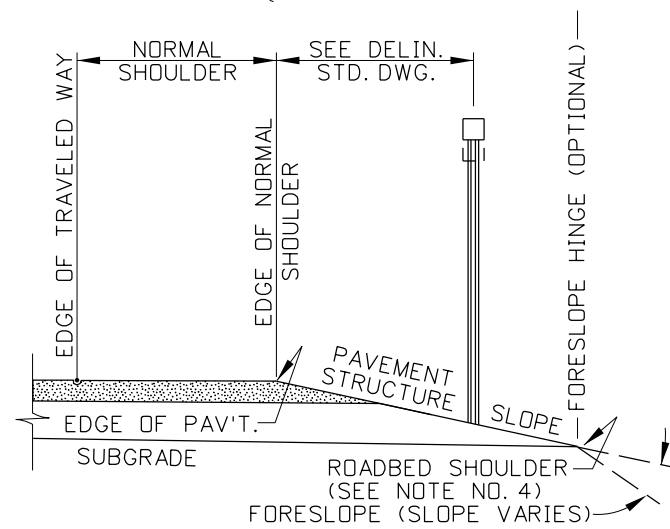
1. FOR THE 8' CATCH POINT CONTROL DISTANCE:
USE 4:1 SLOPE FOR CUTS AND FILLS UP TO 2.0' IN HEIGHT.
USE VARIABLE SLOPES FOR CUTS AND FILLS OVER 2.0' AND UP TO 5.3' IN HEIGHT MAINTAINING THE CONSTANT 8' CATCH POINT DISTANCE.
USE 1½:1 SLOPE FOR CUTS AND FILLS OVER 5.3' IN HEIGHT.
2. FOR THE 20' CATCH POINT CONTROL DISTANCE:
USE 4:1 SLOPE FOR CUTS AND FILLS UP TO 5.0' IN HEIGHT.
USE VARIABLE SLOPES FOR CUTS AND FILLS OVER 5.0' AND UP TO 13.3' IN HEIGHT MAINTAINING THE CONSTANT 20' CATCH POINT DISTANCE.
USE 1½:1 SLOPE FOR CUTS AND FILLS OVER 13.3' IN HEIGHT.
3. CUT AND FILL SLOPES IN DIFFICULT TERRAIN MAY REQUIRE SPECIAL CONSIDERATION.
4. SLOPE ROUNDING SHALL CONSIST OF ONE OR MORE CHORDS OR ROUNDED SURFACE. THE DEPTH AND WIDTH OF SLOPE ROUNDING SHALL BE AS DIRECTED.
5. ROLL OVER WILL NOT BE USED UNLESS NOTED ON THE PLANS.
6. ALL SLOPES SHALL BE CHECKED TO DETERMINE IF THERE IS A GUARDRAIL WARRANT BASED ON SLOPE HEIGHT AND STEEPNESS.
7. WHEN USING GUARDRAIL, WIDEN SHOULDER AS SHOWN ON THE APPROPRIATE ITD GUARDRAIL STANDARD DRAWING.
8. DRAWING NOT TO SCALE.

REVISIONS				DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT 	PROJECT NO.	STANDARD DETAIL A-4	<i>English</i> 
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	CADD FILE NAME a4.dgn		A023(733)	RURAL MAJOR COLLECTOR GRADING	COUNTY TWIN FALLS
				DETAILED					KEY NUMBER 23733
				DRAWING CHECKED	DRAWING DATE:				SHEET 1 OF 1

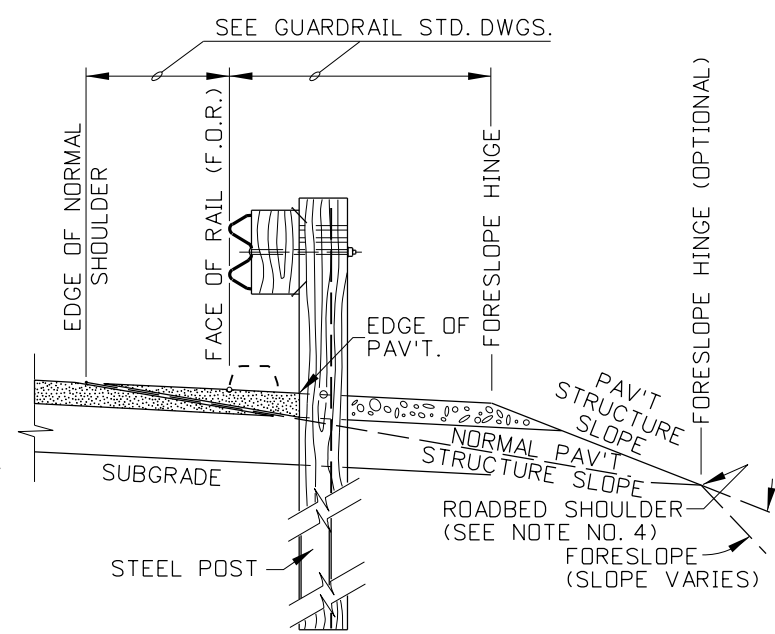




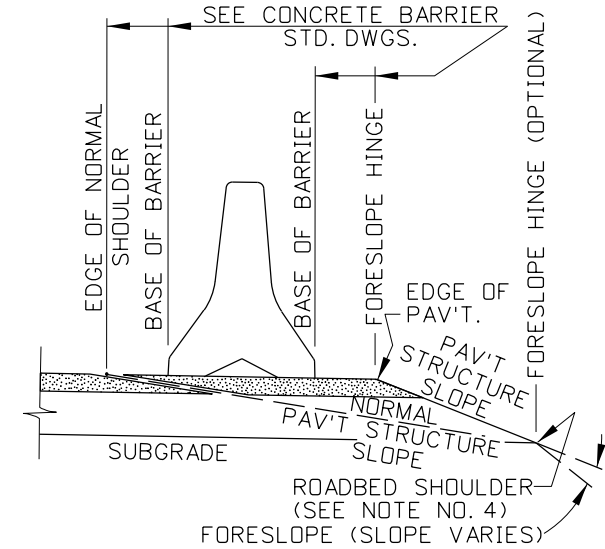
TYPICAL HIGHWAY



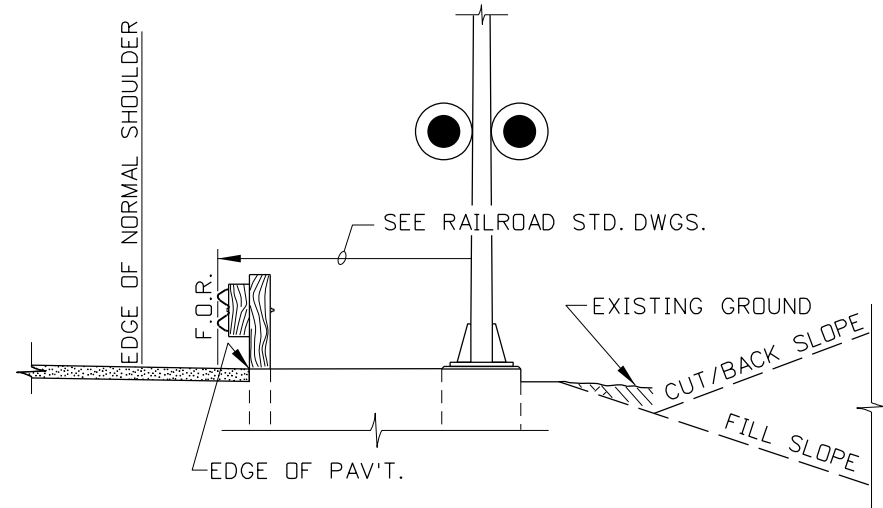
DELINEATOR INSTALLATION



STANDARD W-BEAM INSTALLATION (ASPHALT)



CONCRETE BARRIER INSTALLATION



RAILROAD INSTALLATION WITH GUARDRAIL

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
DESIGN CHECKED
DETAILED
DRAWING CHECKED

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME a9.dgn
DRAWING DATE:

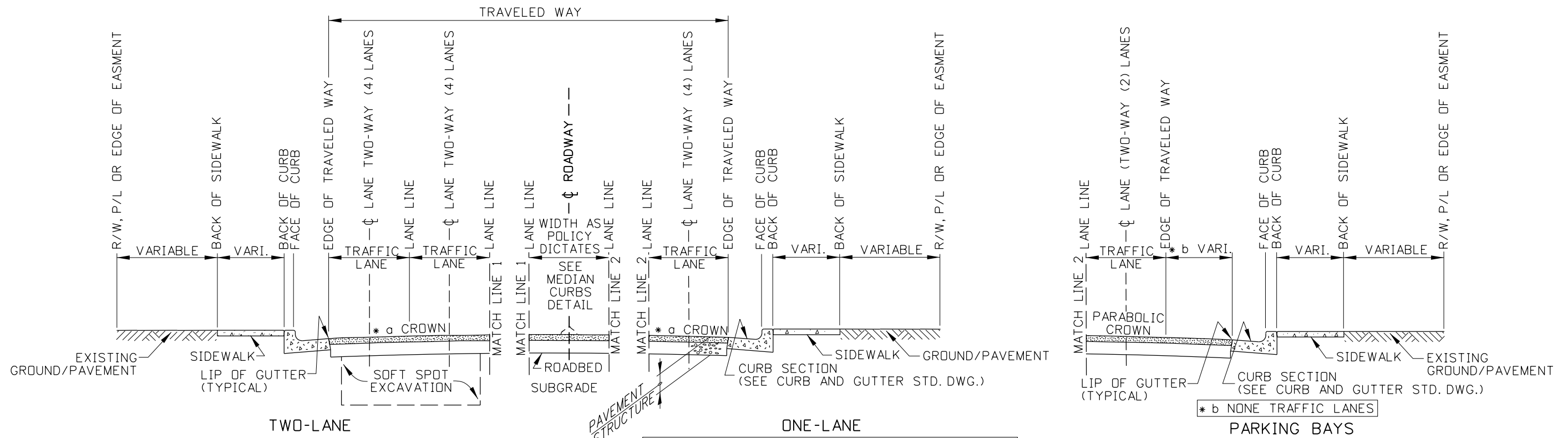
IDAHO TRANSPORTATION DEPARTMENT

PROJECT NO.
A023(733)

STANDARD DETAIL A-9
ITD ROADWAY NOMENCLATURE LOCATIONS & EXAMPLES

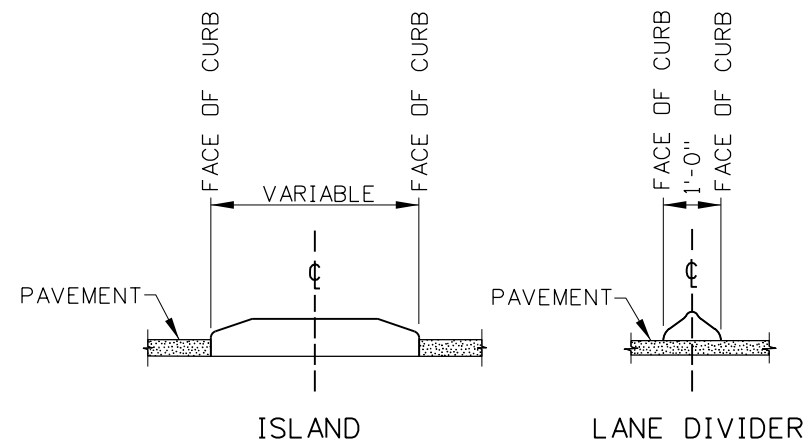
English
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 1 OF 4

PROFESSIONAL ENGINEER
REGISTERED
10208
5/15/2026
STATE OF IDAHO
STEVEN R. YEARSLEY

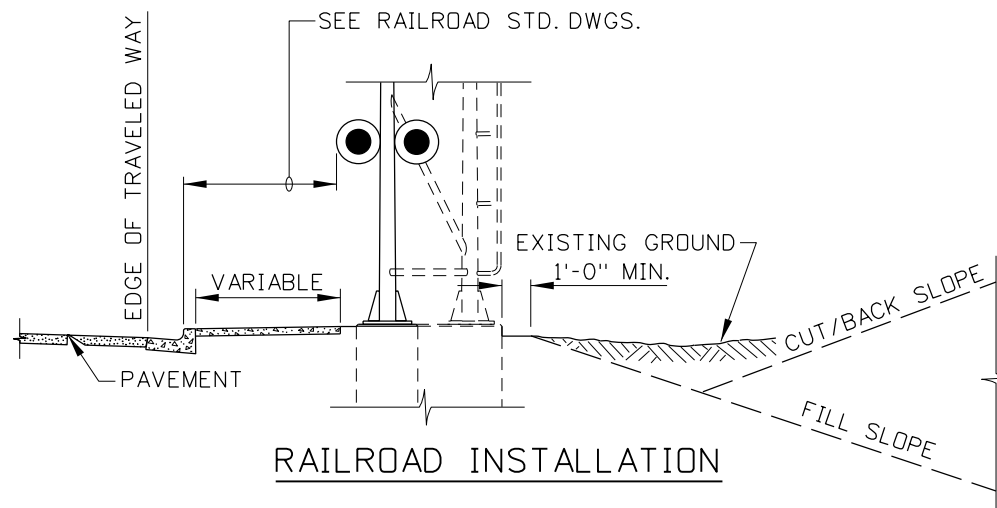


* a A PARABOLIC CROWN IS NORMALLY INSTALLED ON URBAN ROADWAYS BETWEEN CURB & GUTTERS (SEE NOTE NO. 5)

TYPICAL URBAN STREET



MEDIAN CURBS
(SEE CURB AND GUTTER STD. DWG.)



RAILROAD INSTALLATION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
DESIGN CHECKED
DETAILED
DRAWING CHECKED

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME a9.dgn
DRAWING DATE:

IDAHO
TRANSPORTATION
DEPARTMENT



PROJECT NO.
A023(733)

STANDARD DETAIL A-9
ITD ROADWAY NOMENCLATURE LOCATIONS & EXAMPLES

English
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 2 OF 4

PROFESSIONAL ENGINEER
REGISTERED
10208
5/15/2026
STATE OF IDAHO
STEVEN R. YEARSLEY

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	
DETAILED	CADD FILE NAME a9.dgn
DRAWING CHECKED	DRAWING DATE:

IDAHO
TRANSPORTATION
DEPARTMENT



PROJECT NO.
A023(733)

STANDARD DETAIL A-9
ITD ROADWAY NOMENCLATURE LOCATIONS & EXAMPLES

English	
COUNTY	TWIN FALLS
KEY NUMBER	23733
SHEET	3 OF 4



DEFINITIONS

* THESE TERMS ARE NOT NORMALLY USED ON STANDARD DRAWINGS.

BACK OF CURB: THE BEGINNING OF SIDEWALK OR UTILITY STRIP. ALSO USED FOR SURVEY CONTROL LINE.

***PAVEMENT STRUCTURE:** THE STRUCTURE THAT IS CONSTRUCTED ON THE ROADBED AND TYPICALLY INCLUDES SURFACING, BASE COURSES, AND GRANULAR SUBBASE.

PAVEMENT STRUCTURE SLOPE: THE PRIMARY PORTION OF THE FORESLOPE, BEGINNING AT THE EDGE OF PAVEMENT AND ENDING AT THE ROADBED SHOULDER.

BASE OF BARRIER: WHERE THE BASE OF CONCRETE BARRIER TOUCHES THE PAVEMENT (THE POINTS OF MEASUREMENT).

***CLEAR ZONE:** THE ROADSIDE PORTION THAT IS BEYOND THE TRAVELED WAY AND IS AVAILABLE FOR USE BY ERRANT VEHICLES.

***CLEARING & GRUBBING LIMITS:** AN AREA WITHIN THE ROADWAY CORRIDOR THAT ORGANIC MATTER IS REMOVED PRIOR TO PLACEMENT OF EMBANKMENT OR REMOVAL OF EXCAVATION.

CENTERLINE (C/L): THE CENTERLINE OF ROADWAY, TRAFFIC LANE(S), OR FREEWAY. ALSO REFERRED TO AS THE TRAFFIC MARKINGS THAT DELINEATE THE DIVISION OF OPPOSING TRAFFIC (SEE CONTROL LINE).

CONTROL LINE: A SURVEY LINE FROM WHICH ROADWAY DIMENSIONS ARE MEASURED (NOT NECESSARILY THE SAME AS THE ROADWAY CENTERLINE).

CUT/BACK SLOPE: AN ASCENDING SLOPE FROM THE EDGE OF FORESLOPE OR BOTTOM OF DITCH TO DAYLIGHT.

EDGE OF NORMAL SHOULDER: WHERE THE NORMAL SHOULDER ENDS.

EDGE OF PAVEMENT: THE EDGE OF THE TRAVELABLE PAVEMENT, WHERE THE PAVEMENT STRUCTURE SLOPE BREAKS DOWN FROM THE ROADWAY WIDTH.

FACE OF RAIL (F.O.R.): A VERTICAL LINE ALONG THE INNER MOST PART OF METAL GUARDRAIL THAT FACES THE ROADWAY.

FILL SLOPE: A DESCENDING SLOPE OF COMPACTED MATERIAL FROM THE EDGE OF ROADBED TO TOE OF SLOPE.

FORESLOPE: ANY DESCENDING SLOPE OR COMBINATION OF SLOPES FROM THE EDGE OF PAVEMENT TO THE BEGINNING OF A CUT/BACK SLOPE, BOTTOM OF DITCH, OR THE TOE OF SLOPE OF AN ADJACENT ROADWAY.

HIGHWAY: THE ENTIRE RIGHT-OF-WAY.

HINGE (POINT): A BREAKING POINT OF THE ROADWAY CROWN, PARABOLIC CROWN, PAVEMENT STRUCTURE SLOPE, FORESLOPE, FILL SLOPE, OR CUT SLOPE.

LANE LINE: EDGE OF A TRAFFIC LANE USUALLY DELINEATED BY A TRAFFIC MARKING LINE.

LIP OF GUTTER (L.O.G.): THE END OF THE CURB/GUTTER SECTION AND BEGINNING OF THE ROADWAY PAVEMENT. NORMALLY, THE CONTROL LINE WHEN A PARABOLIC CROWN IS INSTALLED.

MEDIAN: THE PORTION OF A DIVIDED HIGHWAY OR FREEWAY THAT SEPARATES THE TRAVELED WAYS FOR TRAFFIC IN OPPOSITE DIRECTIONS.

***MEDIAN WIDTH:** THE WIDTH OF THE AREA BETWEEN THE TRAVELED WAYS OF TWO ROADWAYS.

NORMAL SHOULDER: THAT PORTION OF THE PAVED ROADWAY SURFACE OUTSIDE OF THE TRAVELED WAY.

PARABOLIC CROWN: A CROSS-SECTION FINISH GRADE THAT CONTAINS A PARABOLIC CURVE BETWEEN CURB & GUTTERS.

PLANS: APPROVED DRAWINGS OR REPRODUCTION OF APPROVED DRAWINGS THAT THE PROPOSED ROADWAY IS TO BE LET FOR CONTRACT AND CONSTRUCTED.

***PROFILE GRADE:** A SERIES OF TANGENT GRADE LINES CONNECTED BY VERTICAL CURVES. IT IS TYPICALLY PLACED ALONG THE ROADWAY CENTERLINE OF UNDIVIDED FACILITIES AND AT THE RIGHT/LEFT LIP OF GUTTER FOR PAROBOLIC CONTROL IN URBAN AREAS.

***ROADSIDE:** THE AREA ADJOINING THE OUTER EDGE OF THE ROADWAY WITHIN THE RIGHT-OF-WAY. AREAS (ALSO CALLED MEDIAN) BETWEEN THE ROADWAYS OF A DIVIDED HIGHWAY SHALL ALSO BE CONSIDERED ROADSIDE.

ROADWAY BALLAST: COMBINED PAVEMENT STRUCTURE AND EMBANKMENT (FILL) MATERIAL, INCLUDING SHOULDER MATERIAL OUTSIDE THE ROADWAY PRISM.

***ROADWAY CORRIDOR:** THAT PORTION OF THE HIGHWAY WITHIN THE LIMITS OF CONSTRUCTION.

ROADWAY: SEE ROADWAY CORRIDOR.

ROADWAY CROWN: A CROSS-SECTION FINISH GRADE THAT CONTAINS A PERCENT GRADE OR SLOPE (SHOWN ON THE TYPICAL SECTION).

***ROADWAY PRISM:** THE ENGINEERED/STRUCTURAL PORTION OF THE HIGHWAY. INCLUDES THE PAVEMENT STRUCTURE PLUS THE AREA BETWEEN THE ROADBED SHOULDERS, OR BACK OF CURB, EXTENDING DOWNWARD AND OUTWARD AT THE SLOPE OF 1.5 H TO 1.0 V TO THE INTERCEPT OF NATURAL GROUND, REMOVAL LIMIT, OR SLOPE OF EMBANKMENT KEYING BENCHES. INCLUDED ELEMENTS ARE ROADWAY PAVEMENT STRUCTURE, EMBANKMENT FILL, FOUNDATIONS FOR EMBANKMENT, AND SOFT SPOT EXCAVATION/BACKFILL. EMBANKMENT FILL OUTSIDE OF THE 1.5*H TO 1.0*V SLOPE IS NOT CONSIDERED PART OF THE ROADWAY PRISM (SEE DETAIL).

***ROADWAY SHOULDER:** ANY TRAVELABLE PORTION OF THE ROADWAY OUTSIDE OF THE TRAVELED WAY.

***ROADWAY WIDTH:** FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.

SHED SECTION: A CROSS-SECTION FINISH GRADE THAT CONTAINS A SINGLE PERCENT GRADE OR SLOPE (SHOWN ON THE TYPICAL SECTION).

SHY LINE OFFSET: THE DISTANCE FROM THE EDGE OF THE TRAVELED WAY, BEYOND WHICH A ROADSIDE OBJECT WILL NOT BE PERCEIVED AS AN OBSTACLE AND RESULT IN A MOTORIST'S REDUCING SPEED OR CHANGING VEHICLE POSITION ON THE ROADWAY (SEE 2006 AASHTO ROADSIDE DESIGN GUIDE, TABLE 5.5)

SHOULDER: THE PORTION OF THE ROADWAY CONTIGUOUS WITH THE TRAVELED WAY FOR THE ACCOMMODATION OF STOPPED VEHICLES, FOR EMERGENCY USE, AND FOR LATERAL SUPPORT OF BASE AND SURFACE COURSES (SEE NORMAL SHOULDER).

SLOPE: THE RELATIVE STEEPNESS OF THE TERRAIN EXPRESSED AS A RATIO OR PERCENTAGE.

SLOPE ROUNDING: THE INTRODUCTION OF A VERTICAL CURVE BETWEEN TWO SLOPES TO MINIMIZE THE ABRUPT SLOPE CHANGE.

ROADBED: THE TOP OF SUBGRADE, UPON WHICH THE PAVEMENT STRUCTURE, CURBS, SIDEWALKS, MEDIAN AND OTHER INCIDENTAL FACILITIES ARE CONSTRUCTED.

ROADBED SHOULDER: EDGE OF ROADBED, WHERE THE BOTTOM OF THE ROADWAY PAVEMENT STRUCTURE MEETS DAY LIGHT AT THE FORESLOPE OR FILL SLOPE.

SOFT SPOT EXCAVATION: EXCAVATION BELOW OR BEYOND THE NORMAL ROADWAY PRISM USUALLY DUE TO SUBGRADE MATERIAL THAT WILL NOT SUPPORT A NORMAL ROADWAY BALLAST. SMALL QUANTITIES AT SPECIFIC LOCATIONS THAT ARE USUALLY NOT SHOWN ON THE PLANS.

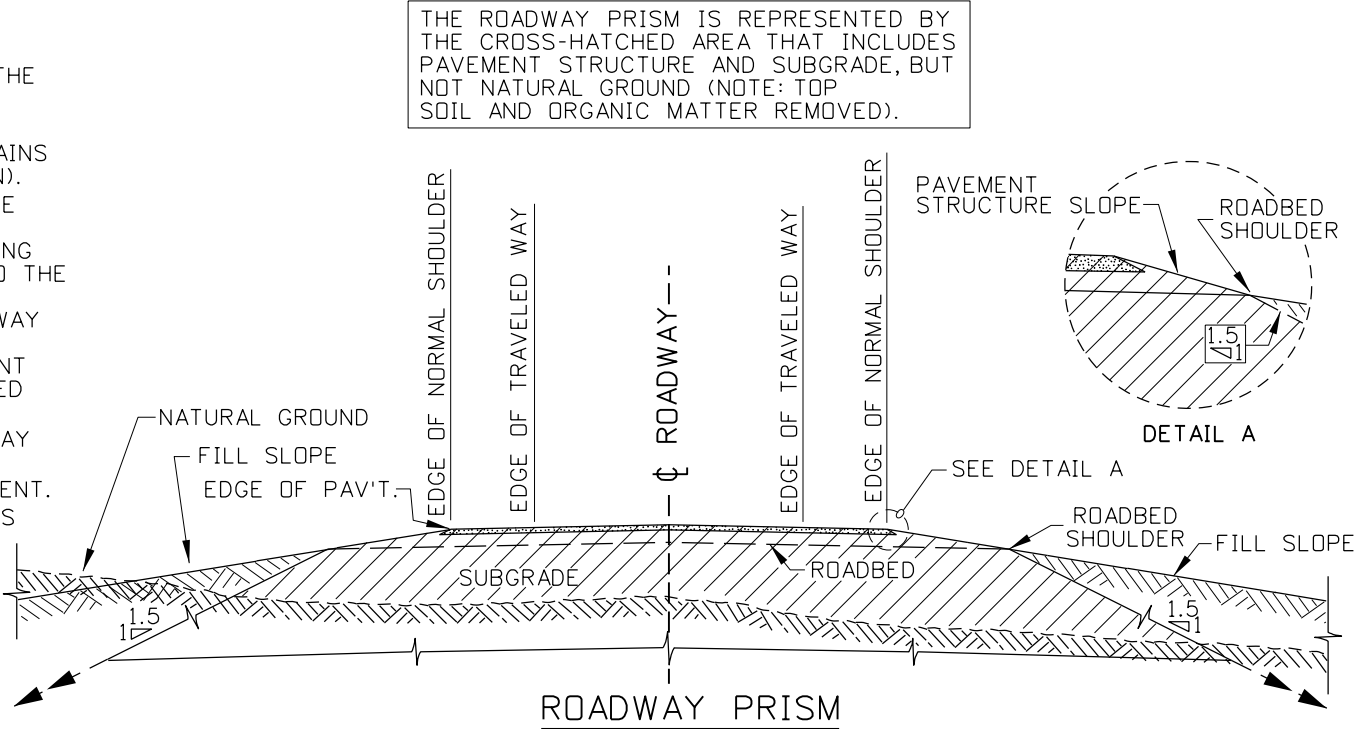
TOE OF SLOPE: WHERE THE BOTTOM OF A SLOPE (USUALLY A FILL SLOPE) INTERSECTS THE NATURAL GROUND OR BOTTOM OF DITCH.

***TRAFFIC LANE:** THE PORTION OF THE TRAVELED WAY FOR THE MOVEMENT A SINGLE LINE OF VEHICLES.

TRAVELED WAY: THAT PORTION OF THE ROADWAY CORRIDOR THAT IS DESIGNATED FOR VEHICULAR TRAVEL NOT INCLUDING THE ROADWAY SHOULDERS.

TYPICAL SECTION: AN ELEVATION DETAIL IN THE PLANS WHICH IS A ROADWAY CROSS-SECTION THAT INCLUDES A TRAVERSE FINISH GRADE PROFILE, THE PAVEMENT STRUCTURE REQUIREMENTS AND BASIC ROADWAY CONSTRUCTION DIMENSIONS.

***URBAN STREET:** A PAVED STREET WITH A PARABOLIC CROWN CONNECTING CURB AND GUTTER EDGES.



NOTES

1. THE ITEMS AND TERMS SHOWN ARE INTENDED TO BE GENERAL EXAM- PLES AND SHALL NOT HAVE PRECEDENCE OF ANY DEFINITION CONTAINED IN THE PLANS OR STANDARD SPECIFICATIONS. SOME DEFINITIONS AND USAGE HEREIN MAY BE UNIQUE TO THE IDAHO TRANSPORTATION DEPARTMENT (ITD).
2. ADDITIONAL DEFINITION OF TERMS CAN BE FOUND IN THE AASHTO ROADSIDE DESIGN GUIDE AND THE ITD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
3. REFER TO THE APPROPRIATE STANDARD DRAWING WHEN INSTALLING GUARDRAIL.
4. REFER TO THE APPROPRIATE STANDARD DRAWING WHEN INSTALLING STANDARD CONCRETE BARRIER.
5. REFER TO THE APPROPRIATE STANDARD DRAWING WHEN A RAILROAD CROSSING IS INVOLVED.
6. REFER TO THE APPROPRIATE STANDARD DRAWING WHEN CURB OR CURB AND GUTTER IS USED.
7. A FORESLOPE HINGE POINT IS NOT NECESSARILY AT THE EDGE OF ROADBED (SEE DEFINITION OF FORESLOPE).

REVISIONS				DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	
				DETAILED	CADD FILE NAME a9.dgn
				DRAWING CHECKED	DRAWING DATE:

IDAHO
TRANSPORTATION
DEPARTMENT

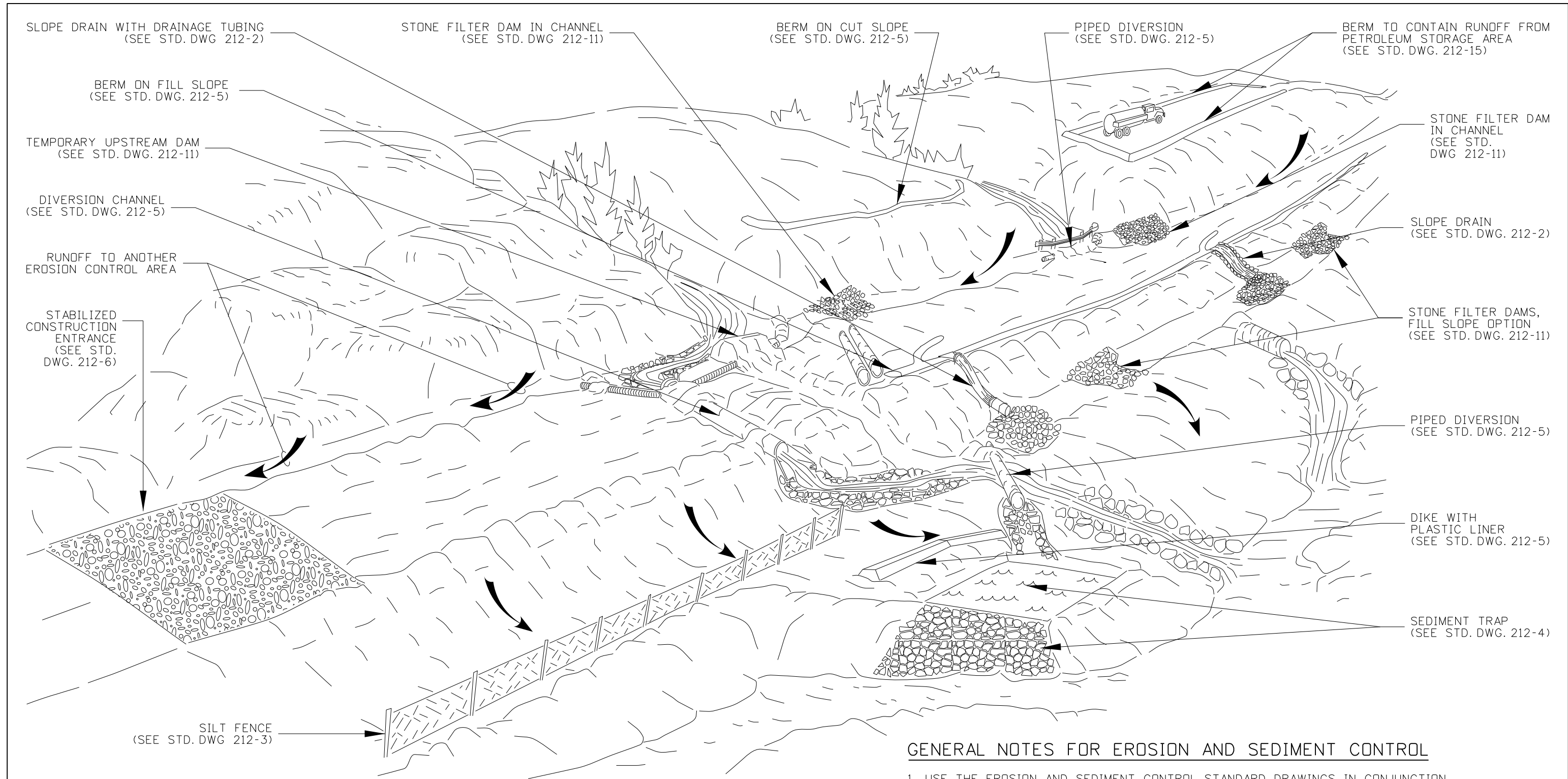


PROJECT NO.
A023(733)

STANDARD DETAIL A-9
ITD ROADWAY NOMENCLATURE LOCATIONS & EXAMPLES

English
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 4 OF 4





GENERAL NOTES FOR EROSION AND SEDIMENT CONTROL

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

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

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

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
212-01_0421.dgn
DRAWING DATE:
APRIL, 1993

IDAHO
TRANSPORTATION
DEPARTMENT



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

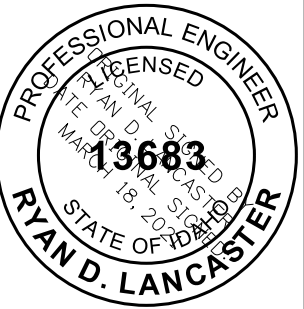
EROSION AND
SEDIMENT CONTROL
EXAMPLE APPLICATIONS

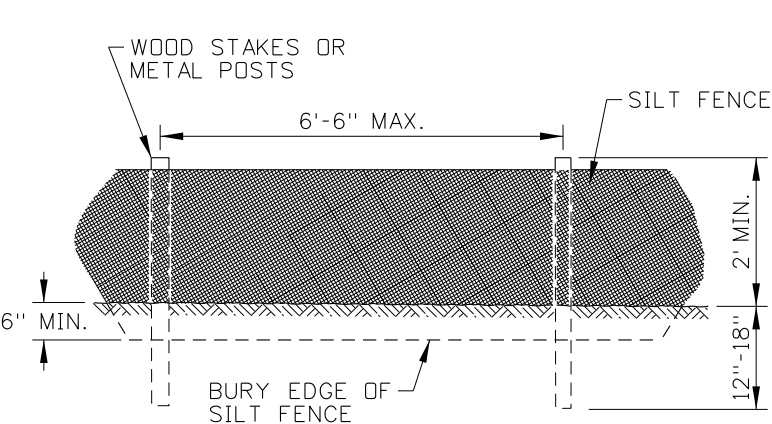
English

STANDARD DRAWING NO.

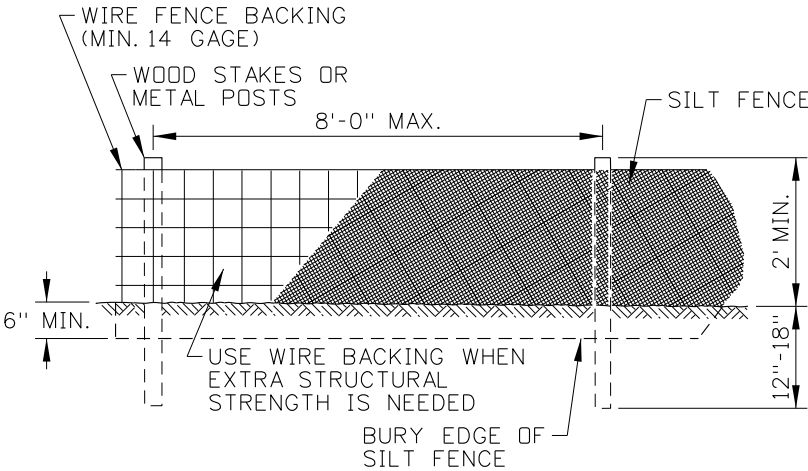
212-1

SHEET 1 OF 1

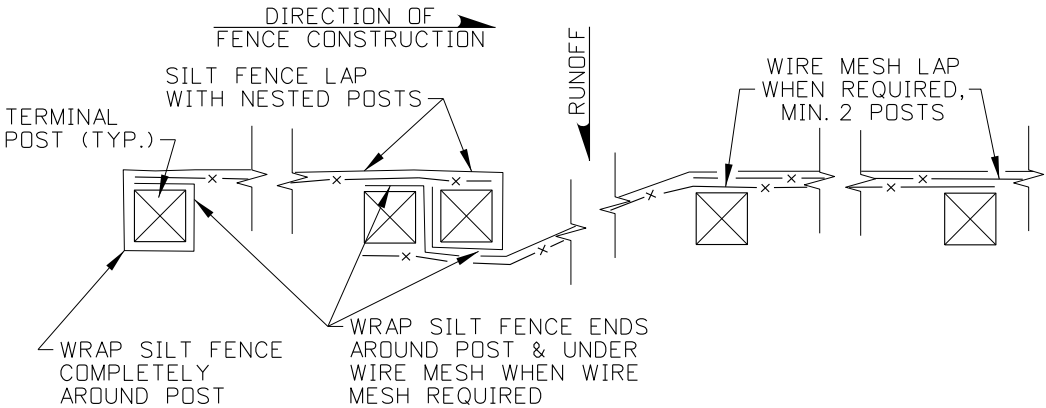




SILT FENCE (NO WIRE BACKING)



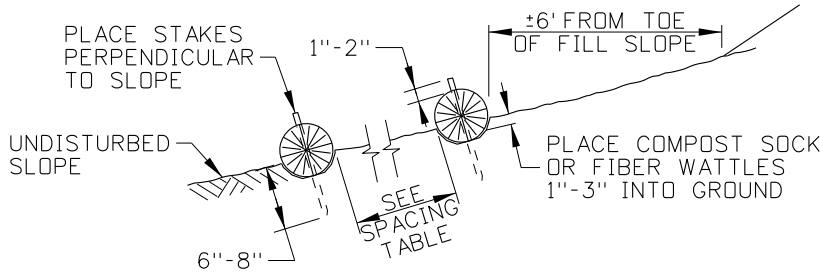
SILT FENCE (WIRE BACKING)



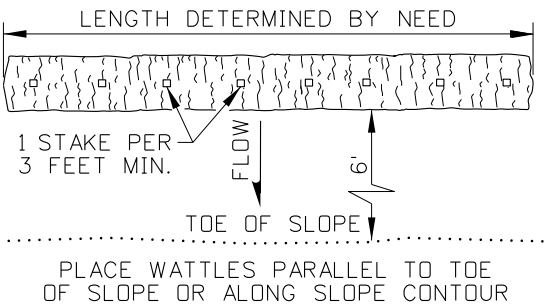
SILT FENCE LAP DETAIL

FIBER WATTLE & COMPOST SOCK SPACING TABLE				
SLOPE	WATTLE SIZE			
	6"	9"	12"	20"
1:1	5 FT	10 FT	15 FT	20 FT
2:1	10 FT	20 FT	30 FT	40 FT
3:1	15 FT	30 FT	45 FT	60 FT
4:1 OR FLATTER	20 FT	40 FT	60 FT	80 FT

SILT FENCE SPACING TABLE				
SLOPE	SOIL TYPE			
	SILTY	CLAYS	SANDY	
1:1	50 FT	75 FT	100 FT	
2:1	75 FT	100 FT	125 FT	
4:1	100 FT	125 FT	150 FT	
10:1 OR FLATTER	125 FT	150 FT	200 FT	

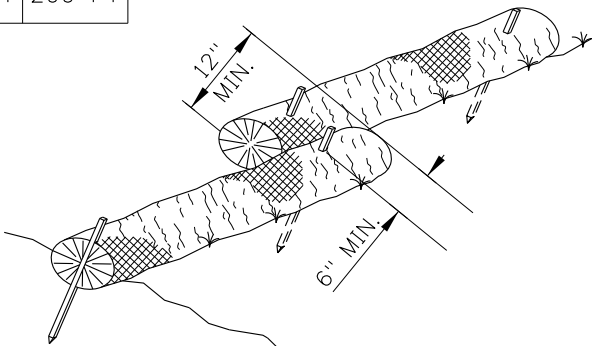


COMPOST SOCK AND FIBER WATTLE
SIDE VIEW

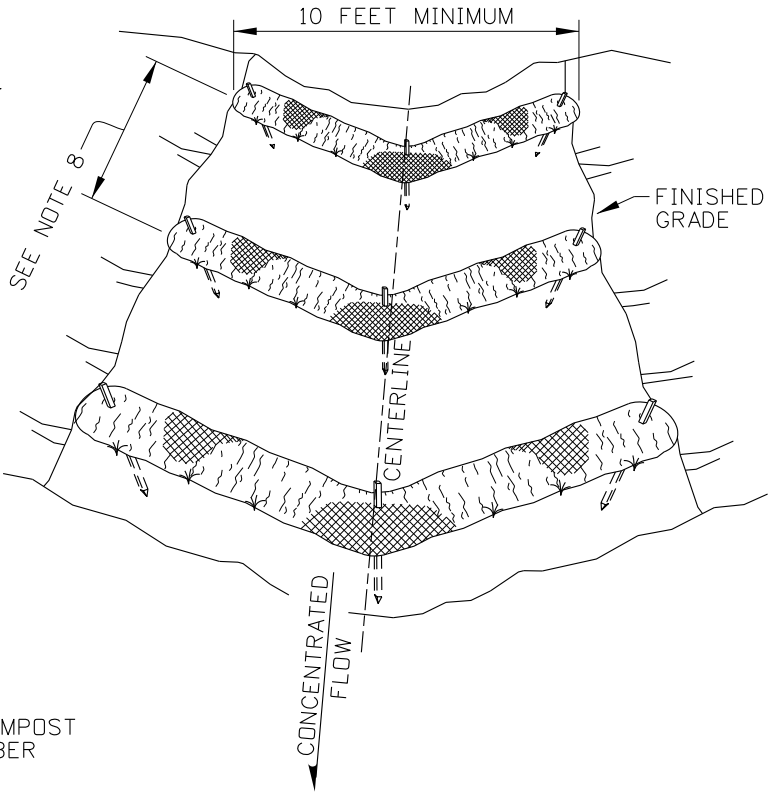
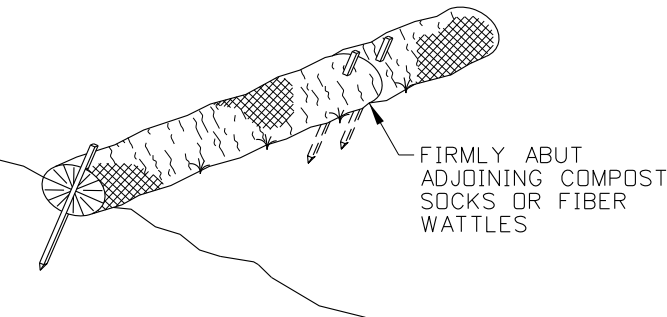


COMPOST SOCK AND FIBER WATTLE
PLAN VIEW

COMPOST SOCK AND FIBER WATTLE
OVERLAPPING DETAIL



COMPOST SOCK AND FIBER WATTLE
ABUTTING DETAIL



COMPOST SOCK AND FIBER WATTLE
TEMPORARY CHECK DAM DETAIL

NOTES

- SEE THE GENERAL NOTES FOR EROSION CONTROL STANDARD DRAWINGS ON 212-1.
- THE NEED FOR TEMPORARY SEDIMENT CONTROL DEVICES ARE DETERMINED BY SITE DESIGN. SPACE SILT FENCES, COMPOST SOCKS, AND FIBER WATTLES IN ACCORDANCE WITH THE SILT FENCE SPACING TABLE AND FIBER WATTLE & COMPOST SOCK SPACING TABLE.
- INSTALL TEMPORARY SEDIMENT CONTROL BARRIERS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND SPECIFICATIONS. THE DIMENSIONS SHOWN ARE GENERAL GUIDELINES.
- PLACE SEDIMENT BARRIERS TO FOLLOW THE SLOPE CONTOURS. USE EITHER METAL POSTS OR WOOD STAKES.
- ENSURE RUNOFF PASSES THROUGH THE SILT FENCE AND NOT AROUND THE FENCE.
- GROUND SILT FENCES WITH WIRE MESH IN ACCORDANCE WITH THE GROUNDING DETAIL SHOWN ON STANDARD DRAWING 610-1.
- EXTEND OR JOIN SILT FENCE USING SILT FENCE LAP WITH NESTED POSTS.
- SPACE CHECK DAMS ACCORDING TO THE HEIGHT OF THE DAM AND THE SLOPE OF THE CHANNEL SO THE BACKWATER FROM THE DOWNSTREAM DAM REACHES THE TOE OF THE UPSTREAM DAM.
- ON SLOPES, TURN THE ENDS OF EACH ROW OF COMPOST SOCKS AND FIBER WATTLES UPSLOPE TO PREVENT RUNOFF FROM FLOWING AROUND THE SOCK OR WATTLE.
- REMOVE SEDIMENT FROM THE UPSLOPE SIDE OF SILT FENCES, COMPOST SOCKS, AND FIBER WATTLES WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE BARRIER.
- DRAWING NOT TO SCALE.

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	09-93	MSM	6	01-13	RDL		
2	12-94	MSM	7	03-21	TWF		
3	06-96	GFK					
4	10-10	KEH					
5	10-11	KEH					

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
212-03_0421.dgn

DRAWING DATE:
APRIL, 1993

IDAHO
TRANSPORTATION
DEPARTMENT



BOISE IDAHO

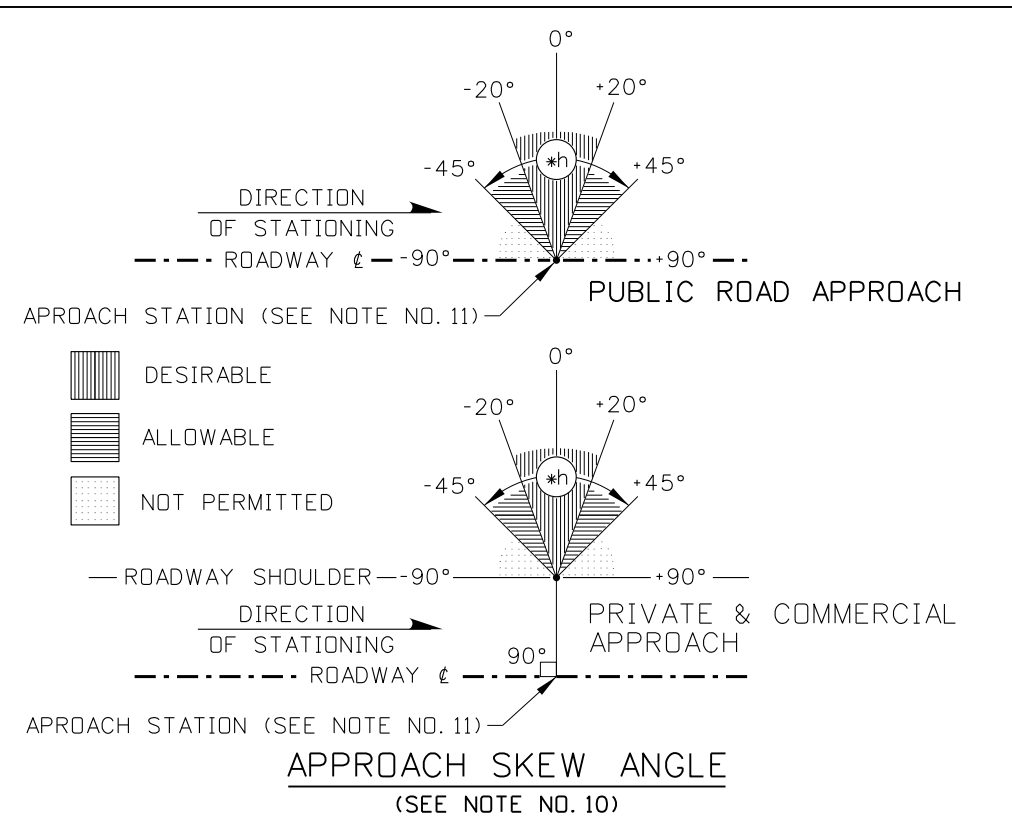
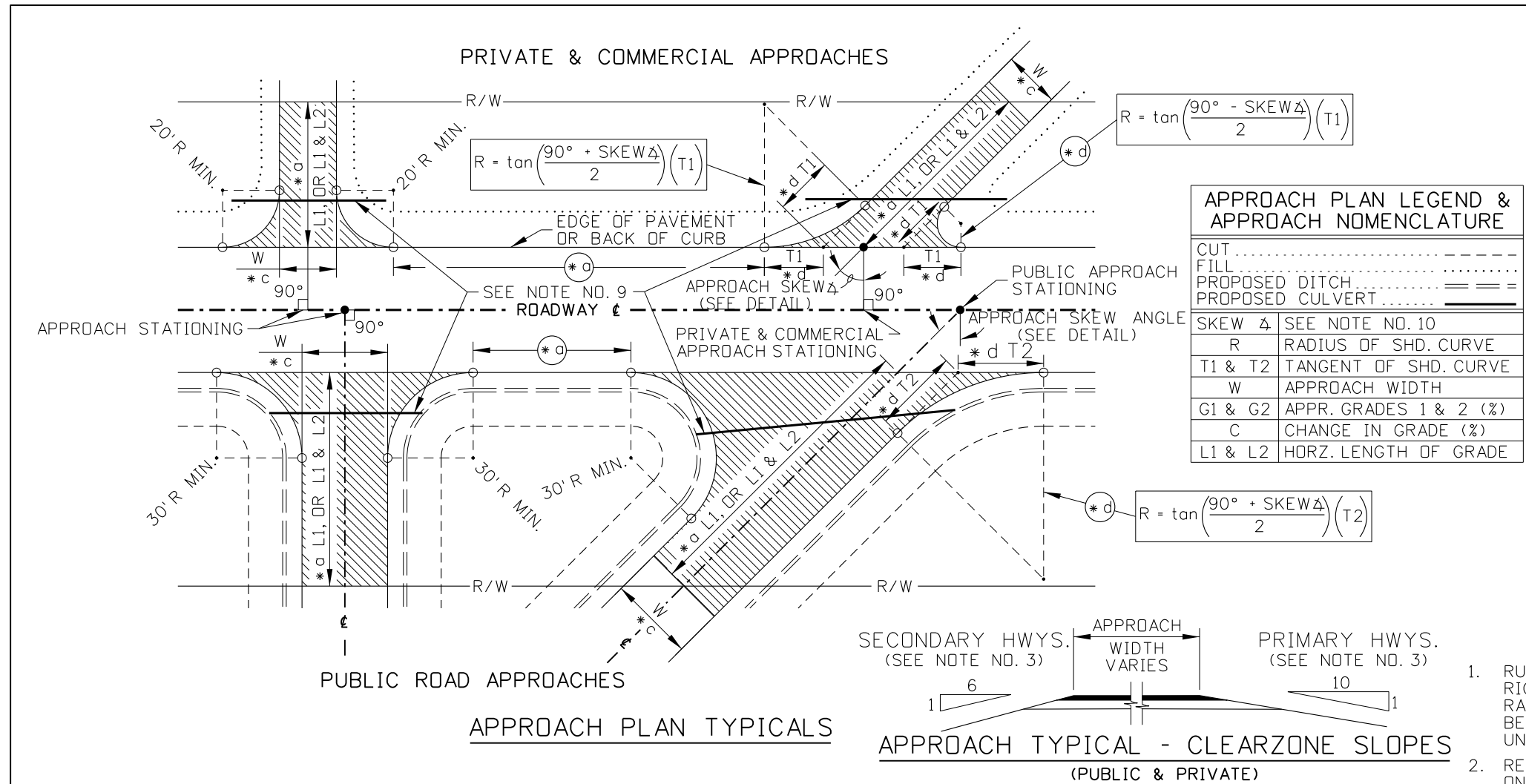
ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING
TEMPORARY EROSION AND
SEDIMENT CONTROL
SILT FENCE, FIBER WATTLE,
AND COMPOST SOCK
REQUIRES STD. DWG. 212-1

English
STANDARD DRAWING NO.
212-3
SHEET 1 OF 1

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



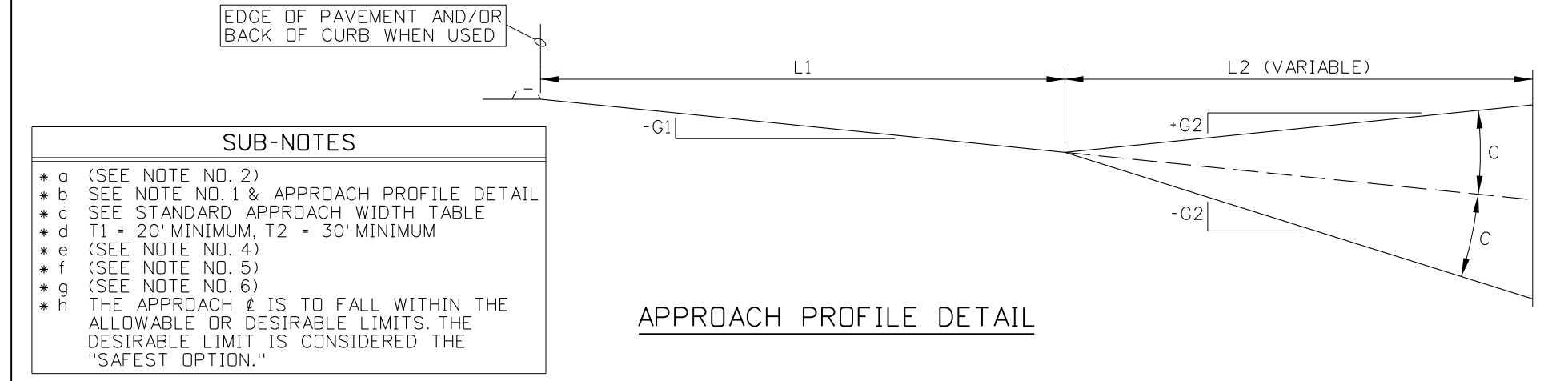


NOTES

- RURAL PRIVATE, COMMERCIAL, AND PUBLIC APPROACHES SHALL BE PAVED TO THE RIGHT-OF-WAY LINE OR TO THE BACK OF THE SHOULDER CURVE (APPROACH RADIUS). FARMYARD AND FIELD APPROACHES THAT ARE OCCASIONALLY USED MAY BE PAVED A MINIMUM OF 5' FROM THE SHOULDER LINE. APPROACHES ON EXISTING UNPAVED HIGHWAYS ARE EXEMPT.
- REFER TO THE ITD ADMINISTRATIVE POLICY 5005 FOR ADDITIONAL INFORMATION ON LOCATION OF APPROACHES.
- WITHIN THE CLEARZONE THE SIDE SLOPES OF APPROACHES SHALL BE A MINIMUM OF 6:1 OF SECONDARY HIGHWAYS AND A MINIMUM OF 10:1 ON PRIMARY HIGHWAYS.
- WHEN THE "MAXIMUM CHANGE IN GRADE" (APPROACH GRADE TABLE) "C" IS EXCEEDED, A MINIMUM 10' VERTICAL CURVE SHALL BE USED IN THE APPROACH PROFILE.
- THE % GRADE OF "G2" SHALL BE A MAXIMUM OF 7% FOR FLAT TERRAIN, 11% FOR ROLLING TERRAIN, OR 15% FOR MOUNTAINOUS.
- APPROACH GRADES EXCEEDING 10% ARE NOT RECOMMENDED BECAUSE EMERGENCY VEHICLES MAY BE IMPEDED.
- THE BALLAST REQUIREMENTS OF RURAL APPROACHES SHALL BE AS SHOWN ON THE PLANS.
- WHEN A MAILBOX TURNOUT IS INSTALLED WITH A RURAL APPROACH, STD. DWG. 405-2 IS REQUIRED.
- ALL RURAL PRIVATE AND COMMERCIAL APPROACHES SHALL BE DESIGNED AND CONSTRUCTED IN A MANNER THAT THE APPROACH DRAINAGE IS INDEPENDENT AND DOES NOT CONTRIBUTE TO EXISTING HIGHWAY DRAINAGE. ALL RURAL PUBLIC APPROACHES SHALL BE DESIGNED AND CONSTRUCTED TO ADDRESS BOTH THE MAIN HIGHWAY AND APPROACH DRAINAGE.
- THE APPROACH SKEW ANGLE IS THE DEFLECTION ANGLE BETWEEN A LINE PERPENDICULAR TO THE HIGHWAY CENTERLINE AND THE APPROACH CENTERLINE.
- RURAL PRIVATE AND COMMERCIAL APPROACHES ARE REFERENCED LEFT OR RIGHT OF THE HIGHWAY CENTERLINE STATION TO THE CENTER OF THE APPROACH OPENING WHICH IS AT THE EDGE OF PAVEMENT OR BACK OF CURB. A PUBLIC APPROACH STATION OCCURS WHERE THE PUBLIC APPROACH CENTERLINE INTERSECTS THE HIGHWAY CENTERLINE.
- NOT TO SCALE.

APPROACH GRADE TABLE				
TRAFFIC TYPE	GRADE PARAMETER		MAX. CHANGE IN GRADE C	MINIMUM LENGTH L1
	G1 (RANGE)	G2 (MAX.)		
HIGH VOLUME (COMMERCIAL, INDUSTRIAL)	-2% TO -3%	±5%	±3%	40'
LOW VOLUME (COMMERCIAL, INDUSTRIAL)	-2% TO -5%	±8%	±6%	40'
SINGLE RESIDENTIAL, FARMYARD, FIELD	-2% TO -8%	±15% * g	VEHICLE CLEARANCE	10'
MULTIPLE RESIDENTIAL	-2% TO -8%	±15% * g	±6%	20'
PUBLIC ROAD	-2%	* f	±2%	20'

STANDARD APPROACH WIDTH TABLE				
APPR. TYPE	POSTED SPEED (mph)		MIN./MAX. WIDTH	
	≤35	>35	MIN.	MAX.
MULTIPLE RESIDENTIAL	28'	40'	28'	40'
SINGLE RESIDENTIAL, FARMYARD, FIELD	12'	40'	20'	40'
COMMERCIAL (ONE-WAY)	15'	30'	20'	30'
COMMERCIAL (TWO-WAY)	25'	40'	25'	40'
PUBLIC ROAD	28'	N/A	28'	N/A



REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	01-00	MSM	6	12-05	MSM		
2	01-02	MSM	7	06-07	MSM		
3	07-02	MSM					
4	10-02	MSM					
5	08-04	MSM					

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: 405-1_0607.dgn

DRAWING DATE: SEPTEMBER, 1993

IDAHO TRANSPORTATION DEPARTMENT

BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS

ASSISTANT CHIEF ENGINEER (DEVELOPMENT)

ORIGINAL SIGNED BY: STEVEN HUTCHINSON

CHIEF ENGINEER

STANDARD DRAWING

RURAL APPROACHES

English

STANDARD DRAWING NO. 405-1

SHEET 1 OF 1

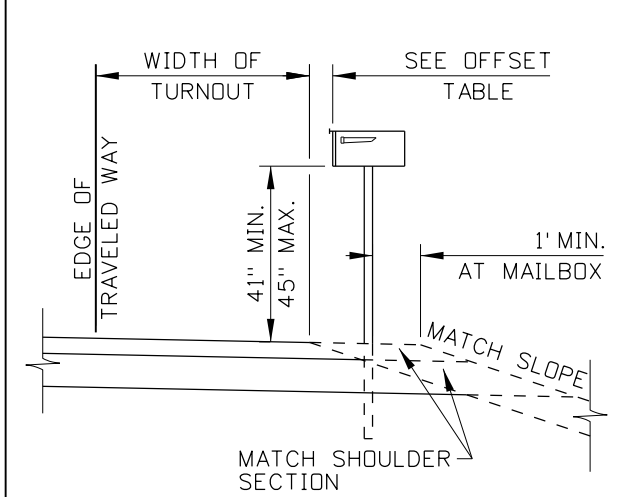
ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

PROFESSIONAL ENGINEER * LAND SURVEYOR

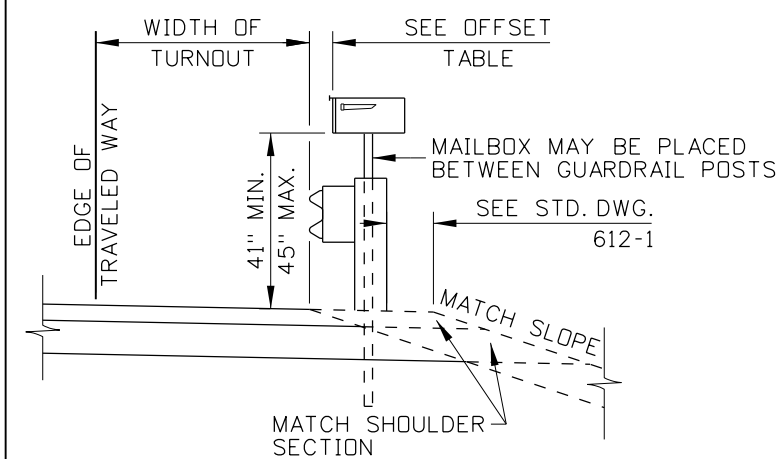
STATE OF IDAHO

MILFORD MILLER

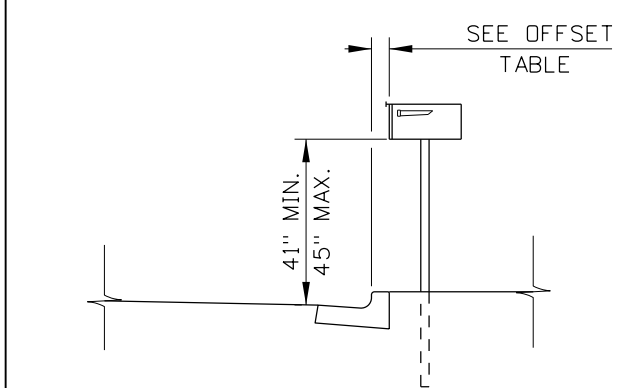
2240



INSTALLATION AT MAILBOX TURNOUT



INSTALLATION BEHIND GUARDRAIL



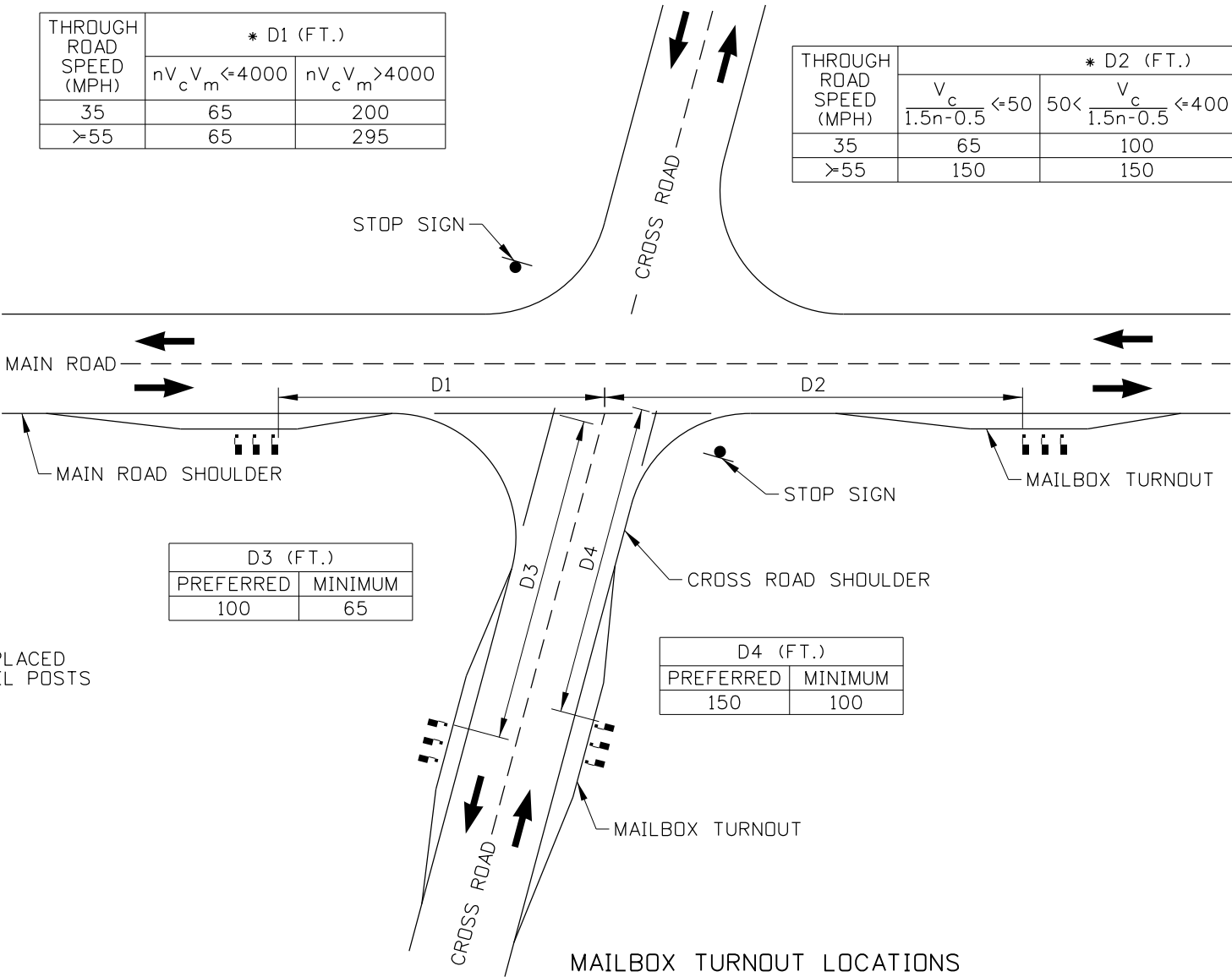
INSTALLATION ON CURBED RESIDENTIAL STREET

TYPICAL MAILBOX INSTALLATIONS

THROUGH ROAD SPEED (MPH)	* D1 (FT.)	
	$nV_c V_m \leq 4000$	$nV_c V_m > 4000$
35	65	200
>55	65	295

THROUGH ROAD SPEED (MPH)	* D2 (FT.)		
	$\frac{V_c}{1.5n-0.5} \leq 50$	$50 < \frac{V_c}{1.5n-0.5} \leq 400$	$\frac{V_c}{1.5n-0.5} > 400$
35	65	100	100
>55	150	150	200

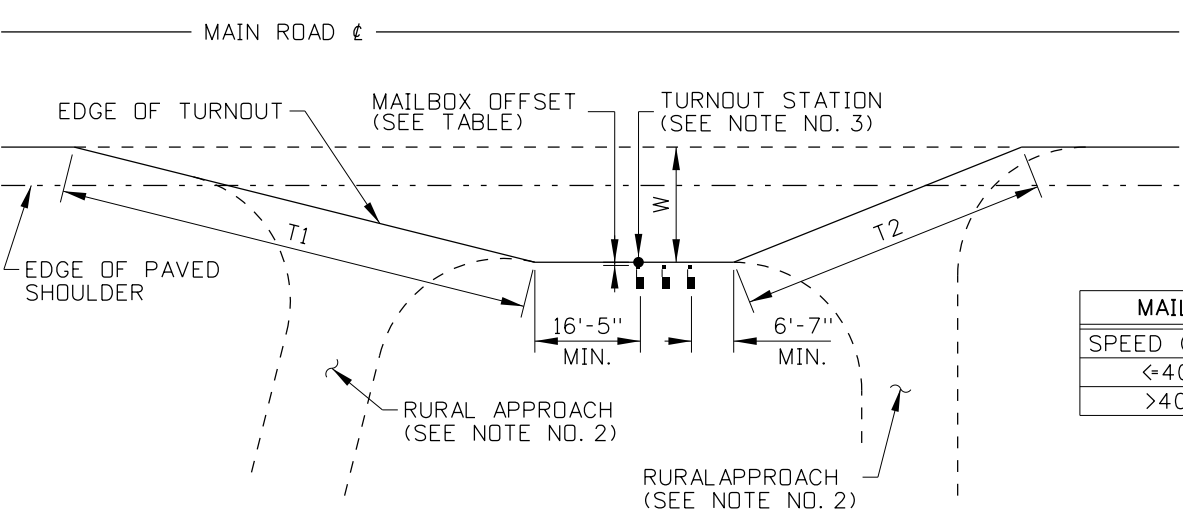
* n = NUMBER OF MAILBOXES AT MAIL STOP
 V_c = ADT ON CROSS ROAD
 V_m = ADT ON MAIN ROAD



TURNOUT WIDTH AND MAILBOX OFFSET TABLE				
ADT	TURNOUT WIDTH (FT.)		MAILBOX OFFSET (IN.)	
	PREFERRED	MINIMUM	PREFERRED	MINIMUM
>10,000	>12	8	6 TO 8	0
1,500 TO 10,000	12	8		
400 TO 1,500	10	8		
<400	8	6		6
RESIDENTIAL STREET (NO CURB)	6	0		
RESIDENTIAL STREET (WITH CURB)	NOT APPLICABLE		8 TO 12	6

NOTES

1. LOCATE MAILBOX TURNOUT SO THAT THE TAPERS DO NOT OVERLAP THE INTERSECTION CURVE RADII.
2. CONSTRUCT MAILBOX ASSEMBLIES IN ACCORDANCE WITH STANDARD DRAWING 634-1. CONSTRUCT RURAL APPROACHES IN ACCORDANCE WITH STANDARD DRAWING 405-1.
3. MEASURE MAILBOX TURNOUT STATION AND OFFSET AT THE EDGE OF THE TURNOUT PERPENDICULAR TO THE FIRST MAILBOX.
4. NOT TO SCALE.



MAILBOX TAPER		
SPEED (MPH)	T1	T2
<=40	4:1	2.5:1
>40	20:1	12:1

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	11-02	MSM					
2	06-05	MSM					
3	01-13	RDL					

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 405-2_0213.dgn
DRAWING DATE: SEPTEMBER, 1993

IDAHO
TRANSPORTATION
DEPARTMENT

BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS
HIGHWAYS PROGRAM OVERSIGHT ENGINEER

ORIGINAL SIGNED BY: TOM COLE
CHIEF ENGINEER

STANDARD DRAWING

MAILBOX TURNOUT

REQUIRES STD. DWG. 405-1

English

STANDARD DRAWING NO.
405-2

SHEET 1 OF 1

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

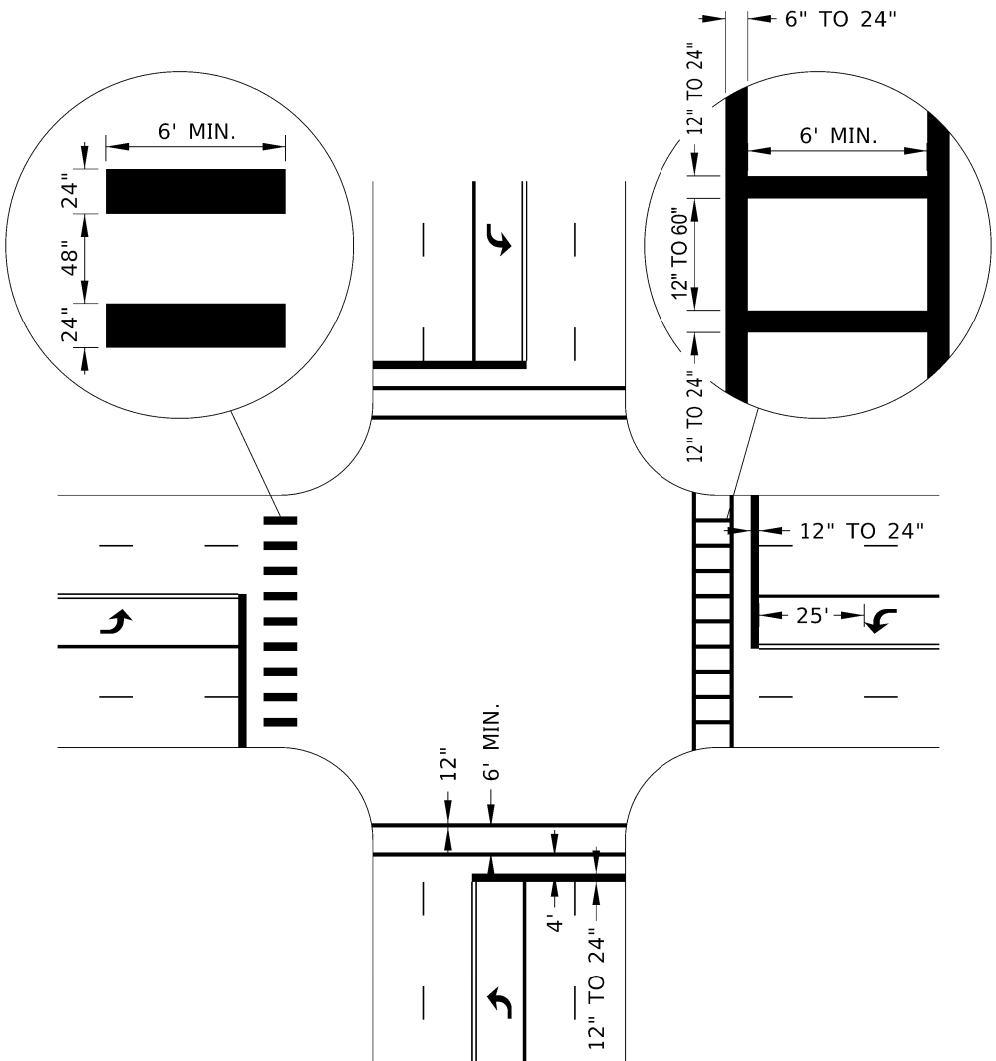
PROFESSIONAL ENGINEER

13683

RYAN D. LANCASTER

NOTES

1. USE WHITE AND YELLOW PAVEMENT MARKINGS AS FOLLOWS:
WHITE:
A. TO SEPARATE TRAFFIC TRAVELING IN THE SAME DIRECTION.
B. THE RIGHT-HAND EDGE OF THE HIGHWAY.
C. STOP AND YIELD LINES, CROSSWALK, WORD, SYMBOL, ARROW, AND OTHER MARKINGS
YELLOW:
A. TO SEPARATE TRAFFIC TRAVELING IN OPPOSITE DIRECTIONS.
B. THE LEFT-HAND EDGE DIVIDED HIGHWAYS, ONE-WAY STREETS, OR RAMP.
C. TWO-WAY LEFT-TURN LANES.
2. USE LONGITUDINAL PAVEMENT MARKINGS AS FOLLOWS:
A. USE SOLID LINES TO INDICATE THE LEFT OR RIGHT EDGE OF TRAVEL WAY OR TO DISCOURAGE LANE CHANGING.
B. USE DOUBLE LINES TO PROHIBIT PASSING OR LANE CHANGING.
C. USE BROKEN LINES TO INDICATE PASSING OR LANE CHANGING ARE PERMITTED. USE ONLY THE 12' LINE SEGMENT, 38' GAP PATTERN.
D. USE COMBINATION SOLID AND BROKEN LINES TO PROHIBIT PASSING IN ONE DIRECTION WHILE PERMITTING PASSING IN THE OPPOSITE DIRECTION OR TO INDICATE A TWO-WAY LEFT-TURN LANE.
E. USE DOTTED LINES AS FOLLOWS:
3' LINE SEGMENT, 9' GAP:
I. TO SEPARATE A THROUGH LANE AND A LANE THAT BECOMES A MANDATORY EXIT OR TURN LANE (DROPPED LANE).
II. TO SEPARATE THROUGH LANES AND TURN LANES OR RAMP.
III. TO SEPARATE A THROUGH LANE AND AN AUXILIARY LANE TWO MILES OR LESS IN LENGTH BETWEEN FREEWAY ENTRANCE RAMP AND EXIT RAMP OR ONE MILE OR LESS IN LENGTH BETWEEN INTERSECTIONS.
2' LINE SEGMENT, 6' GAP:
I. AS A LANE LINE EXTENSION THROUGH AN INTERSECTION.
3. USE 12' VEHICULAR TRAVEL LANES UNLESS OTHERWISE INDICATED. MEASURE LANE WIDTHS FROM THE CENTER OF LINE TO THE CENTER OF LINE.
4. THE PAVEMENT MARKING APPLICATION EXAMPLES PRESENTED SHOW COMMON APPLICATION. MODIFY TO ACCOMODATE OTHER SITUATIONS.
5. METHODS FOR DETERMINING TURN-LANE LENGTH ARE DESCRIBED IN THE ITD TRAFFIC MANUAL.
6. USE 15W WHEN SPEEDS ARE 45 MPH OR MORE. USE 8W WHEN SPEEDS ARE 40 MPH OR LESS. W IS THE OFFSET WIDTH IN FEET.
7. USE DISTANCE L WHEN PRACTICAL. USE THE FOLLOWING EQUATIONS TO DETERMINE L:
40 MPH OR LESS SPEEDS 45 MPH OR MORE SPEEDS
 $L = WS^2/60$ $L = WS$
W = OFFSET WIDTH IN FEET
S = POSTED SPEED LIMIT, OFF-PEAK 85TH-PERCENTILE SPEED, OR OPERATING SPEED IN MPH
A. ON PARALLEL ENTRANCE RAMP, A TAPER LENGTH OF 300 FEET IS SUITABLE FOR DESIGN SPEEDS UP TO 70 MPH.
8. USE LANE-USE ARROWS AND WORD PAVEMENT MARKINGS AS SHOWN. SOME MARKINGS ARE OPTIONAL.
A. USE TWO OR MORE LANE-USE ARROWS UNLESS THE TURN-LANE LENGTH IS LESS THAN 75 FEET. IF SHORTER THAN 75 FEET, THE DOWNSTREAM ARROW CAN BE OMITTED.
B. USE TWO-WAY LEFT-TURN ARROW MARKINGS NEAR THE BEGINNING OF A TWO-WAY LEFT-TURN LANE AND EVERY ½ MILE THEREAFTER.
9. BREAK EDGE AND LANE LINES AT INTERSECTIONS WITH MINOR ROADS. CONTINUE EDGE AND LANE LINES THROUGH DRIVEWAY APPROACHES.
10. USE THE EXAMPLE EXIT RAMP WITH LANE-DROP WHEN THE LENGTH OF AN AUXILIARY DECELERATION LANE EXCEEDS ½ MILE.
11. ON TWO-LANE HIGHWAYS, PAINT THE CENTERLINE IN ONE DIRECTION IN ASCENDING STATION AND MILEPOST DIRECTION.
A. WHEN RUMBLE STRIPS ARE PRESENT OR AFTER PAVEMENT SURFACE TREATMENTS, ALTER PAINT TRUCK AND PAINT SECOND APPLICATION IN OPPOSITE DIRECTION.
12. DRAWINGS NOT TO SCALE.



EXAMPLE STOP LINE AND CROSSWALK DETAIL

LONGITUDINAL PAVEMENT MARKING LINES

SOLID LINE

COLOR: WHITE OR YELLOW

WIDTH: NORMAL (4" TO 6") OR WIDE (2X NORMAL WIDTH)

DOUBLE LINE

COLOR: WHITE OR YELLOW

WIDTH: NORMAL (4" TO 6" LINE, 3" GAP, 4" TO 6" LINE)

BROKEN LINE

COLOR: WHITE OR YELLOW

WIDTH: NORMAL (4" TO 6" LINE)

COMBINATION SOLID AND BROKEN LINE

COLOR: YELLOW

WIDTH: NORMAL (4" TO 6" LINE, 3" GAP, 4" TO 6" LINE)

DOTTED LINE

3' LINE SEGMENT, 9' GAP OR 2' LINE SEGMENT, 6' GAP (SEE NOTE NO. 2)

COLOR: WHITE OR YELLOW

WIDTH: NORMAL (4" TO 6") OR WIDE (2X NORMAL WIDTH)

REVISIONS									
NO	DATE	BY	NO	DATE	BY	NO	DATE	BY	
1	03-20	RDL							
2	03-21	PBH							
3	03-25	RDL							

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 630-1_0425.dgn
DRAWING DATE: DECEMBER, 2016

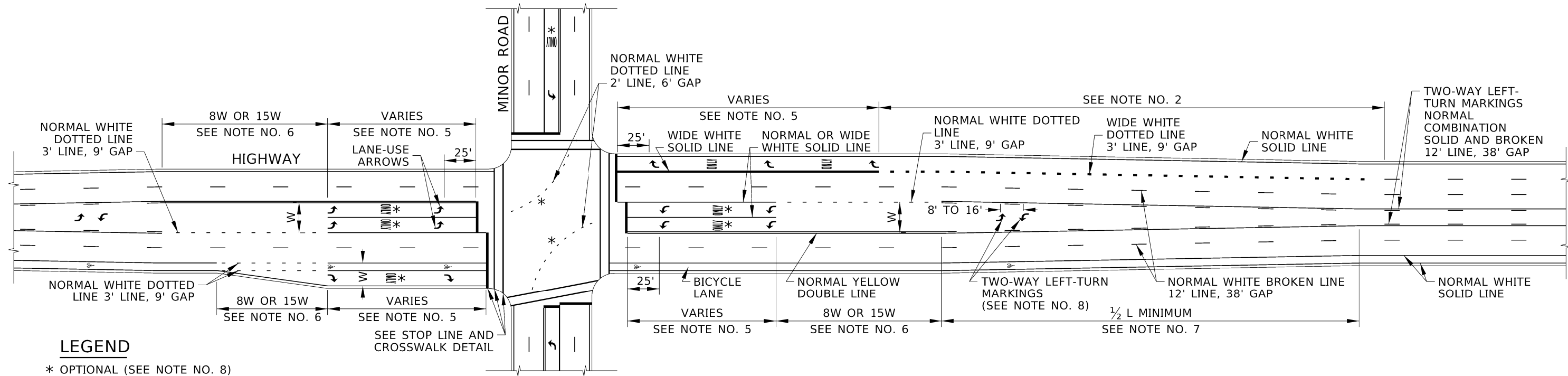
IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

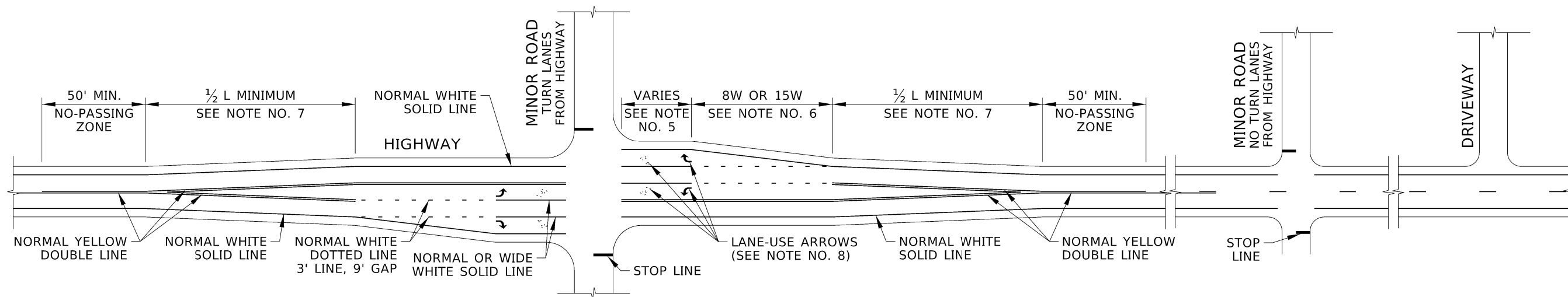
ORIGINAL SIGNED BY: MONICA CRIDER
HIGHWAY DESIGN ENGINEER

STANDARD DRAWING
PAVEMENT MARKINGS

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho
ENGLISH
STANDARD DRAWING NO.
630-1
SHEET 1 OF 4



EXAMPLE URBAN HIGHWAY PAVEMENT MARKINGS



EXAMPLE RURAL HIGHWAY PAVEMENT MARKINGS

SEE NOTE NO. 9

REVISIONS									
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	
1	03-20	RDL							
2	03-21	PBH							
3	03-25	RDL							

SCALES SHOWN
 ARE FOR 11" X 17"
 PRINTS ONLY

CADD FILE NAME:
 630-1_0425.dgn

DRAWING DATE:
 DECEMBER, 2016

**IDAHO
 TRANSPORTATION
 DEPARTMENT**

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

BOISE IDAHO

ORIGINAL SIGNED BY: MONICA CRIDER
 HIGHWAY DESIGN ENGINEER

STANDARD DRAWING

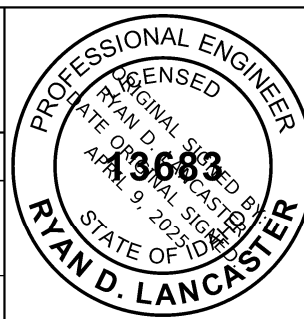
PAVEMENT MARKINGS

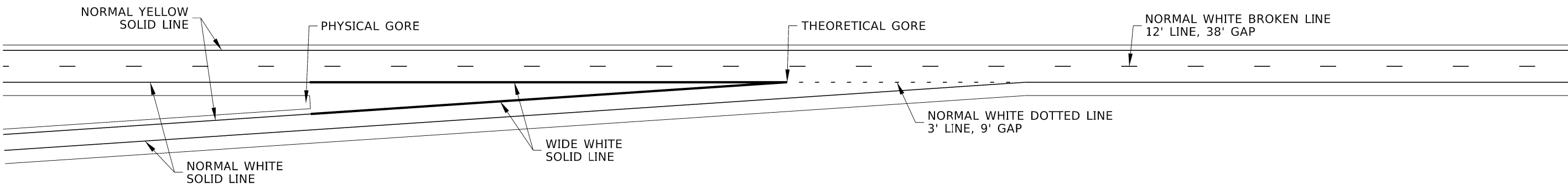
ENGLISH

STANDARD DRAWING NO.
630-1

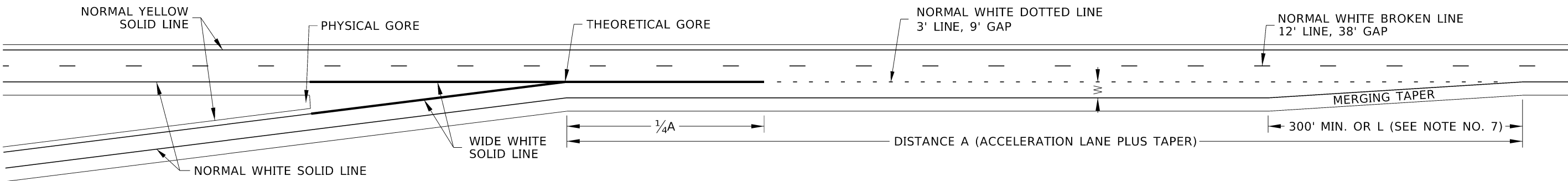
SHEET **2** OF **4**

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

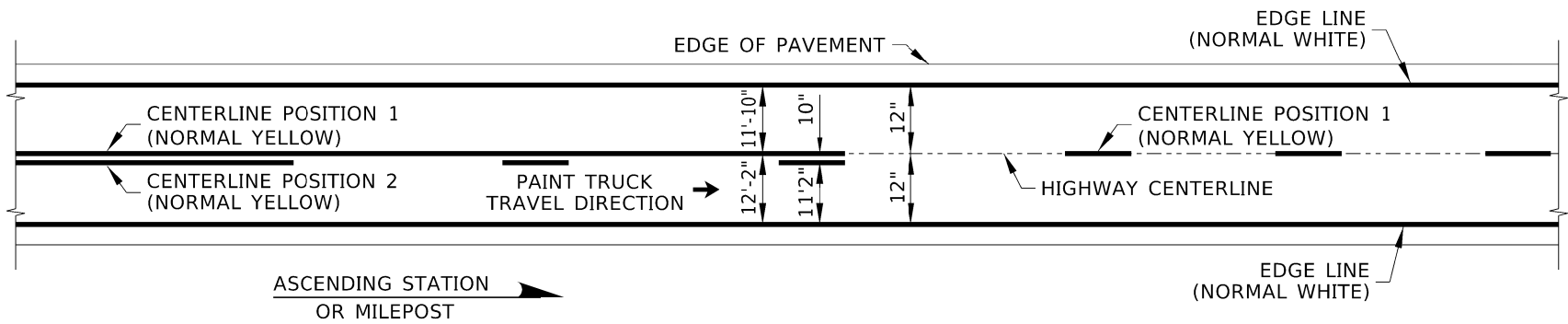




EXAMPLE TAPERED ENTRANCE RAMP

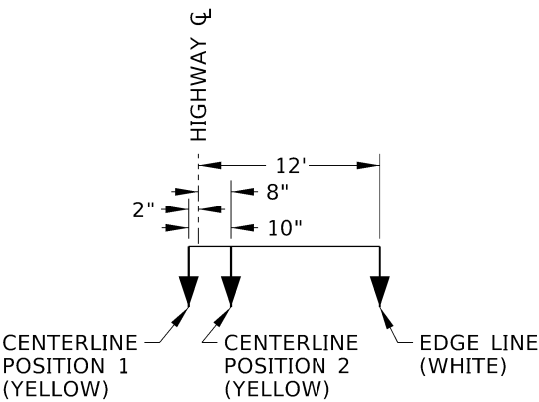


EXAMPLE PARALLEL ENTRANCE RAMP



PAVEMENT MARKINGS ON TWO-WAY HIGHWAYS

DIMENSIONS TO CENTER OF PAVEMENT MARKINGS
SEE NOTE NO. 11 AND PAINT TRUCK SETUP DETAIL



PAINT TRUCK SETUP DETAIL

REVISIONS									
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	
1	03-20	RDL							
2	03-21	PBH							
3	03-25	RDL							

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
630-1_0425.dgn
DRAWING DATE:
DECEMBER, 2016

IDAHO
TRANSPORTATION
DEPARTMENT



YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

BOISE IDAHO

ORIGINAL SIGNED BY: MONICA CRIDER
HIGHWAY DESIGN ENGINEER

STANDARD DRAWING

PAVEMENT MARKINGS

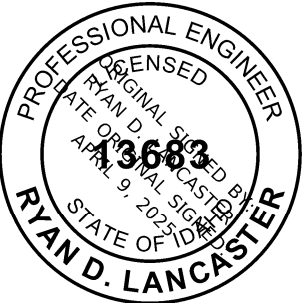
ENGLISH

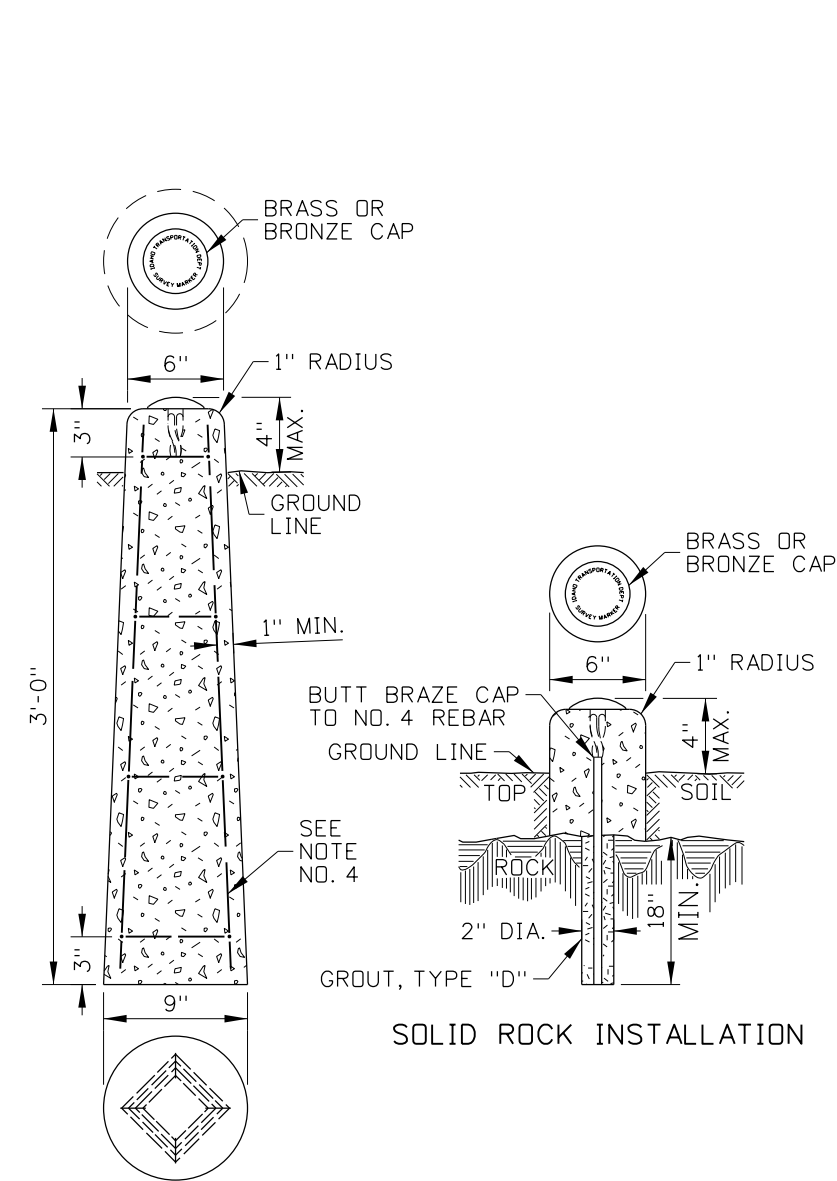
STANDARD DRAWING NO.

630-1

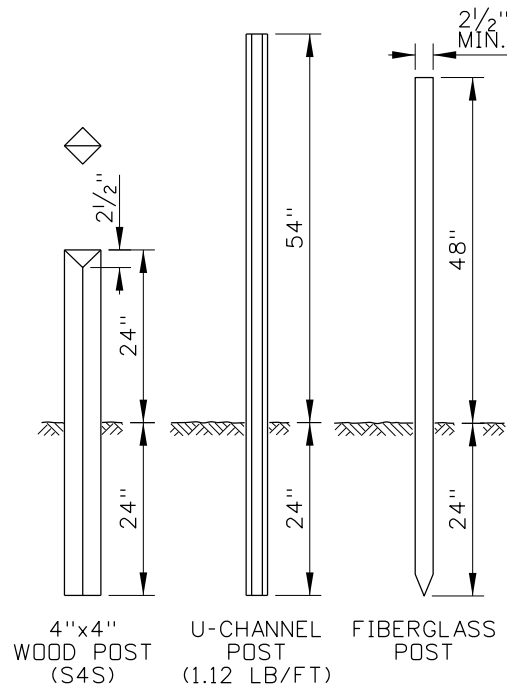
SHEET 4 OF 4

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

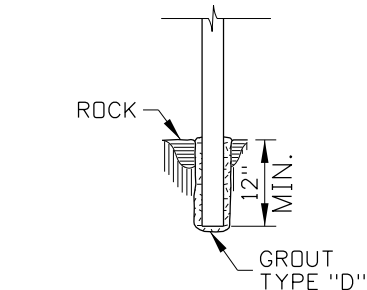




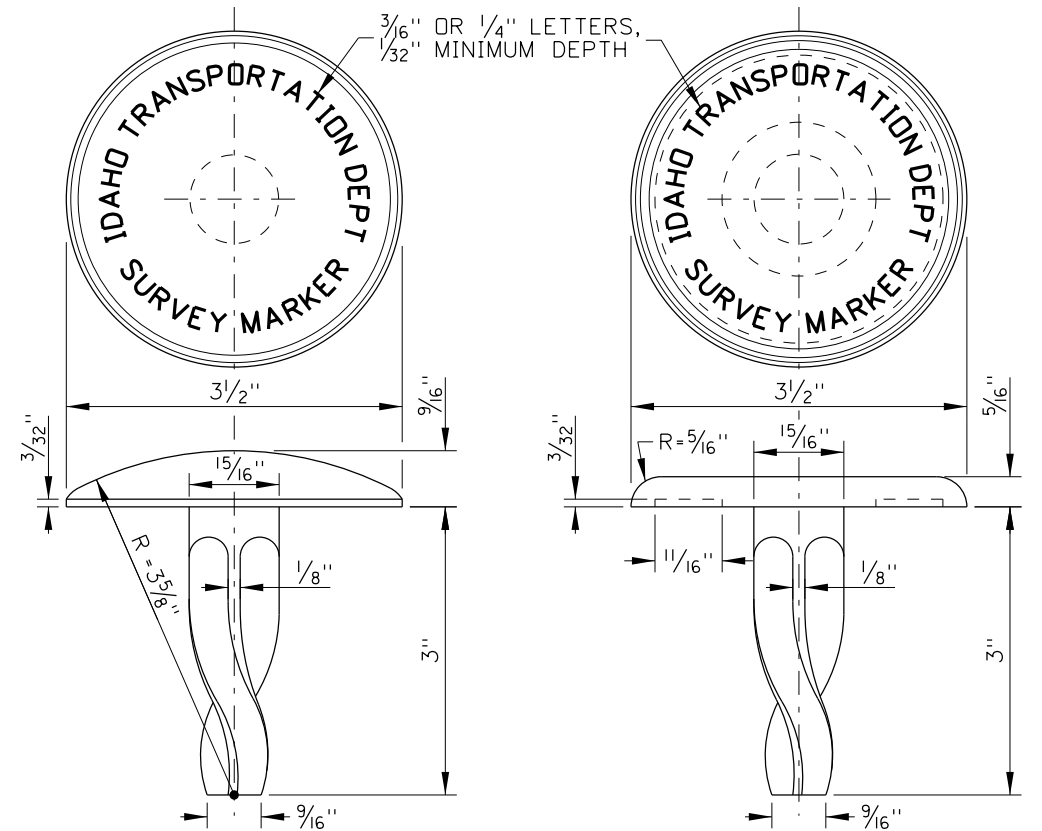
EARTH INSTALLATION
MONUMENT MARKER



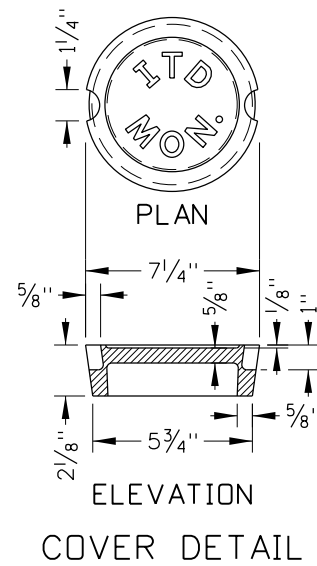
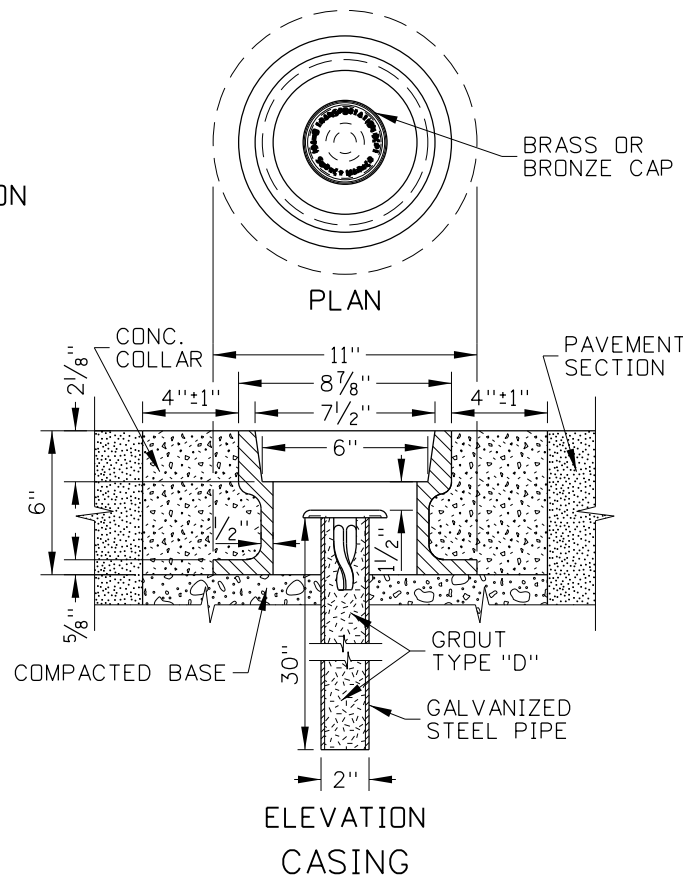
WITNESS POSTS



WITNESS POST
SOLID ROCK
INSTALLATION DETAIL



BRASS OR BRONZE CAP DETAILS



NOTES

1. SURVEY MONUMENTS CAN BE PRECAST OR CAST-IN-PLACE. SET THE BRASS CAP IN THE TOP CENTER OF THE MONUMENT.
2. USE ROUND TOP MARKERS FOR VERTICAL CONTROL, HORIZONTAL CONTROL, OR BOTH. USE FLAT TOP MARKERS FOR HORIZONTAL CONTROL.
3. ENSURE THAT HORIZONTAL CONTROL MARKERS ARE PLACED WITHIN 1/2" OF THE POINT ESTABLISHED. THE VERTICAL CONTROL POINT IS THE HIGHEST POINT OF THE ROUND TOP CAP.
4. REINFORCE EARTH INSTALLATION MONUMENT MARKER WITH FOUR NO. 2 BARS, 33 1/2" LONG, AND PLACED AN EQUAL DISTANCE APART. TIE WITH NO. 8 WIRE AT 10" INTERVALS.
5. USE CASING WHEN THE MONUMENT IS PLACED IN PAVEMENT. THE MONUMENT MAY BE PLACED CLOSER TO THE GROUND OR IN CASING IN AREAS THAT ARE MOWED. OTHER CASING DESIGNS MAY BE USED WITH APPROVAL FROM THE ENGINEER.
6. MACHINE COVER AND CASING CONTACT SURFACES TO A TRUE BEARING ALL AROUND.
7. THE MONUMENT MARKER MAY BE USED AS A RIGHT-OF-WAY MARKER, PROJECT MARKER, REFERENCE MARKER, CONTROL POINT, OR PROPERTY CORNER.
8. STAMP THE MONUMENT CAP ACCORDING TO ITS PURPOSE. "ROW" FOR RIGHT-OF-WAY MARKER, "PRJ" FOR PROJECT MARKER, "REF" FOR REFERENCE MARKER, "CTL" FOR CONTROL POINT, OR "COR" FOR PROPERTY CORNER.
9. PLACE THE WITNESS POSTS AS CLOSE TO THE MARKERS AS PRACTICAL. WHEN SOLID ROCK IS ENCOUNTERED, GROUT THE WITNESS POST AS SHOWN IN THE WITNESS POST SOLID ROCK INSTALLATION DETAIL.
10. DRAWINGS NOT TO SCALE.

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	05-62		6	01-68		11	06-02
2	06-62		7	09-72		12	12-04
3	05-65		8	07-90	GB	13	11-06
4	09-66		9	09-93	MSM	14	12-12
5	04-67		10	05-95	MSM	15	11-15

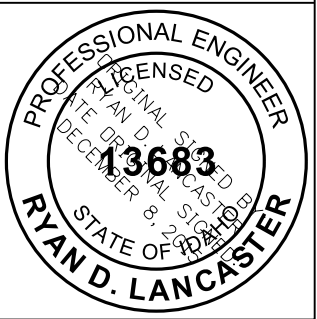
SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 618-1_1215.dgn
DRAWING DATE: APRIL, 1961

IDAHO TRANSPORTATION DEPARTMENT
BOISE IDAHO

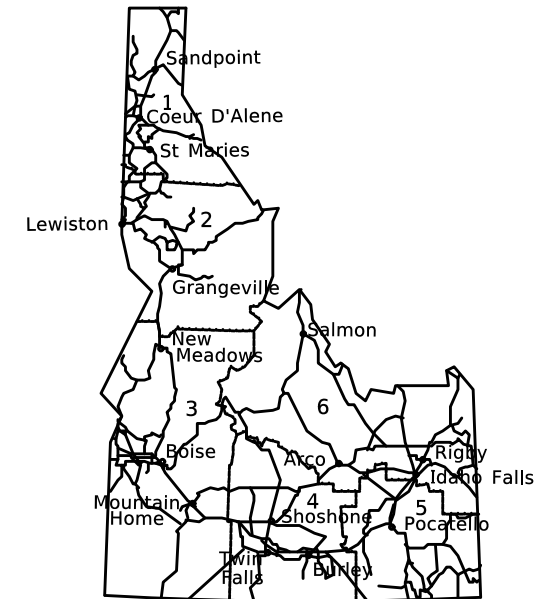
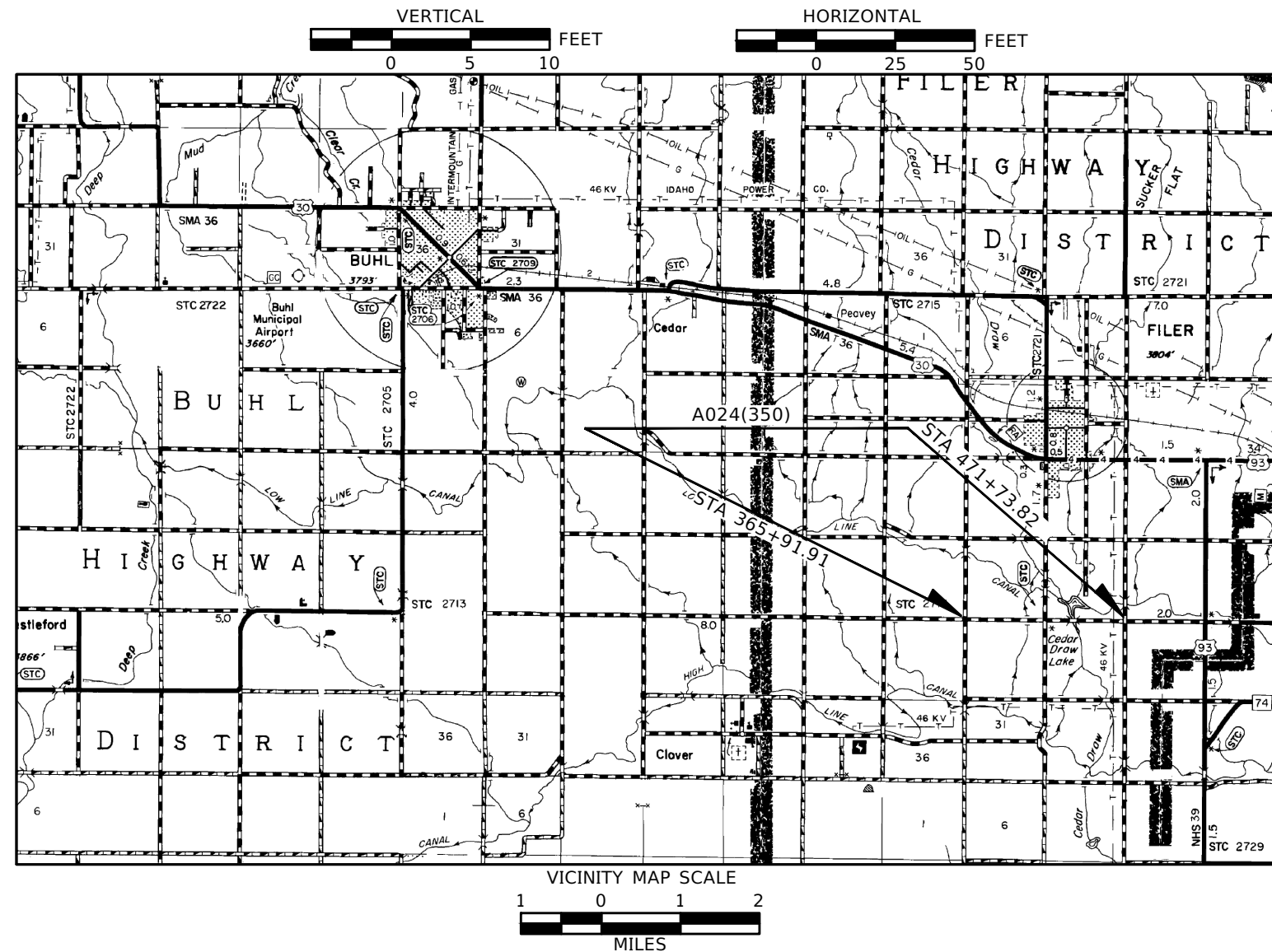
ORIGINAL SIGNED BY: TED E. MASON <i>for</i> DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING
MARKER POSTS, WITNESS POSTS, AND STREET MONUMENTS

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho
English
STANDARD DRAWING NO. 618-1
SHEET 1 OF 1



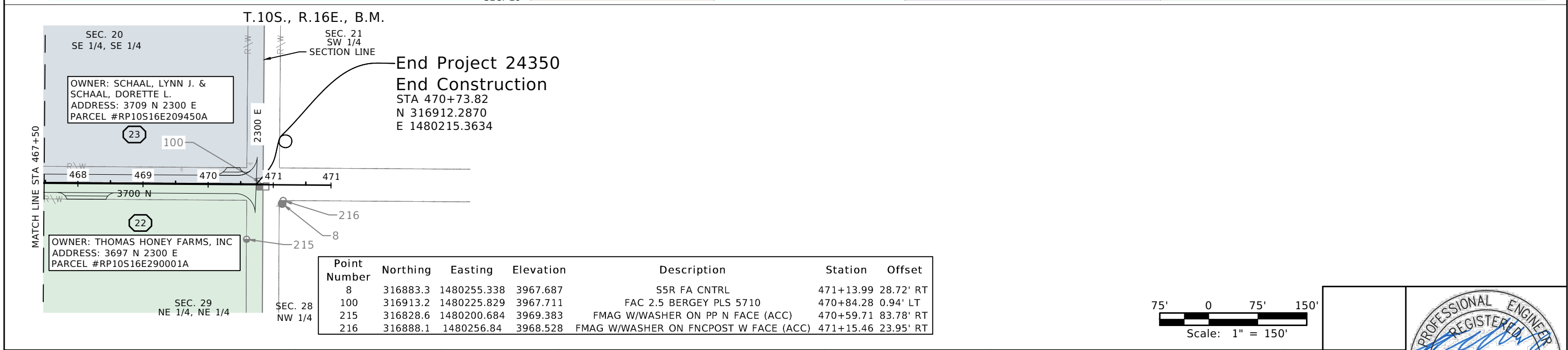
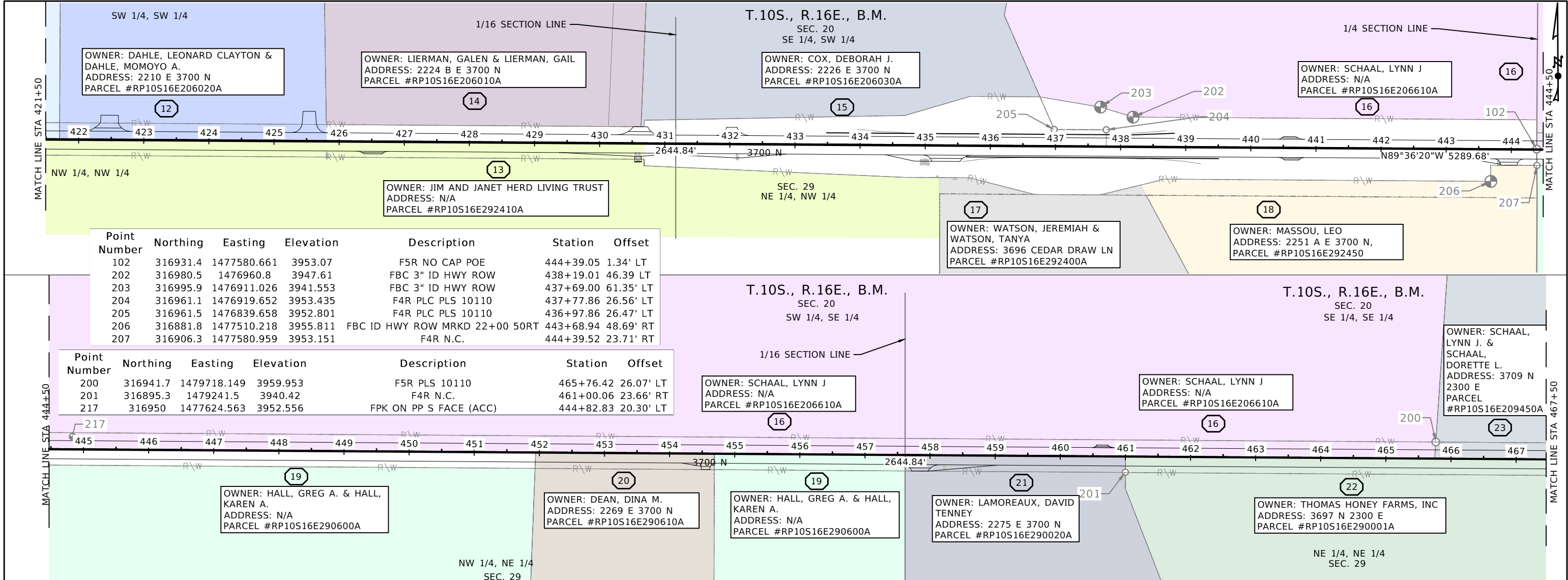
APRIL 2026



MP 17.89 - MP 19.88
SEGMENT CODE 007590

DESIGN DESIGNATION	
ADT 2027	1810
ADT 2049	2630
DHV 2027	220
DHV 2049	320
D	60/40%
V	50 MPH
TRUCKS:	HEAVY
ADT 2027	350
ADT 2049	560
DHV 2027	30
DHV 2049	50

REVISIONS				THE DIMENSIONS SHOWN ON THE PLANS SHALL BE ATTAINED WITHIN LIMITS OF PRECISION THAT GOOD CONSTRUCTION PRACTICES WILL PERMIT	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity		PROJECT NO.	TITLE SHEET	ENGLISH	 Approved for Advertising 05/27/2026 Date Approved
NO.	DATE	BY	DESCRIPTION		CADD FILE NAME 24350_TITL_001			A024(350)	3700 N RD; 2100 E TO 2300 E	COUNTY TWIN FALLS	
										KEY NUMBER 24350	
					DRAWING DATE: APRIL 2026	FILER HIGHWAY DISTRICT				SHEET 1 OF 16	



REVISIONS				DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety--YOUR Mobility--YOUR Economic Opportunity	PROJECT NO. A024(350)	TOTAL OWNERSHIP/SURVEY CONTROL 3700 N RD; 2100 E TO 2300 E STA 421+50 TO 470+73.82	ENGLISH		
NO	DATE	BY	DESCRIPTION						COUNTY	KEY NUMBER	
									TWIN FALLS	24350	
				DRAWING CHECKED R. BECKMAN	DRAWING DATE: APRIL 2026				SHEET	3 OF 16	

PARCEL NO.	PARCEL ID NO.	RECORD OWNER
1	RP10S15E250000A	WILLIAMS, ERIC DALE & WILLIAMS, JENNIFER LEE
2	RP10S15E247205A	MEYER, GLENN E. & MEYER, LINDA L.
3	RP10S16E303000A	WILLIAMS, ERIC DALE & WILLIAMS, JENNIFER LEE
4	RP10S16E196000A	DALE AND DELLA ANN WILLIAMS LIVING TRUST
5	RP10S16E302400A	DALE AND DELLA ANN WILLIAMS LIVING TRUST
6	RP10S16E196610A	LINCOLN, DOUGLAS W. & LINCOLN, MARY ANN
7	RP10S16E197100A	LINCOLN, DOUGLAS WAYNE & LINCOLN, MARY ANN
8	RP10S16E300000A	RAHE FARMS II, LLC
9	RP10S16E197500A	DBC PROPERTIES LLC
10	RP10S16E197230A	HURLEY, JAMES A. & HURLEY, KARIN M.
11	RP10S16E206026A	STOLTENBURG, KANDOUS K. & STOLTENBURG, RICHARD T.
12	RP10S16E206020A	DAHLE, LEONARD CLAYTON & DAHLE, MOMOYO A.
13	RP10S16E292410A	JIM AND JANET HERD LIVING TRUST
14	RP10S16E206010A	LIERMAN, GALEN & LIERMAN, GAIL
15	RP10S16E206030A	COX, DEBORAH J.
16	RP10S16E206610A	SCHAAL, LYNN J
17	RP10S16E292400A	WATSON, JEREMIAH & WATSON, TANYA
18	RP10S16E292450	MASSOU, LEO
19	RP10S16E290600A	HALL, GREG A. & HALL, KAREN A.
20	RP10S16E290610A	DEAN, DINA M.
21	RP10S16E290020A	LAMOREAUX, DAVID TENNEY
22	RP10S16E290001A	THOMAS HONEY FARMS, INC
23	RP10S16E209450A	SCHAAL, LYNN J. & SCHAAL, DORETTE L.

LEGEND:

- FOUND REBAR
- FOUND MAG NAIL
- SET REBAR
- FOUND ALUMINUM CAP
- ⦿

FOUND HIGHWAY RIGHT-OF-WAY MONUMENT

DATUM STATEMENT:

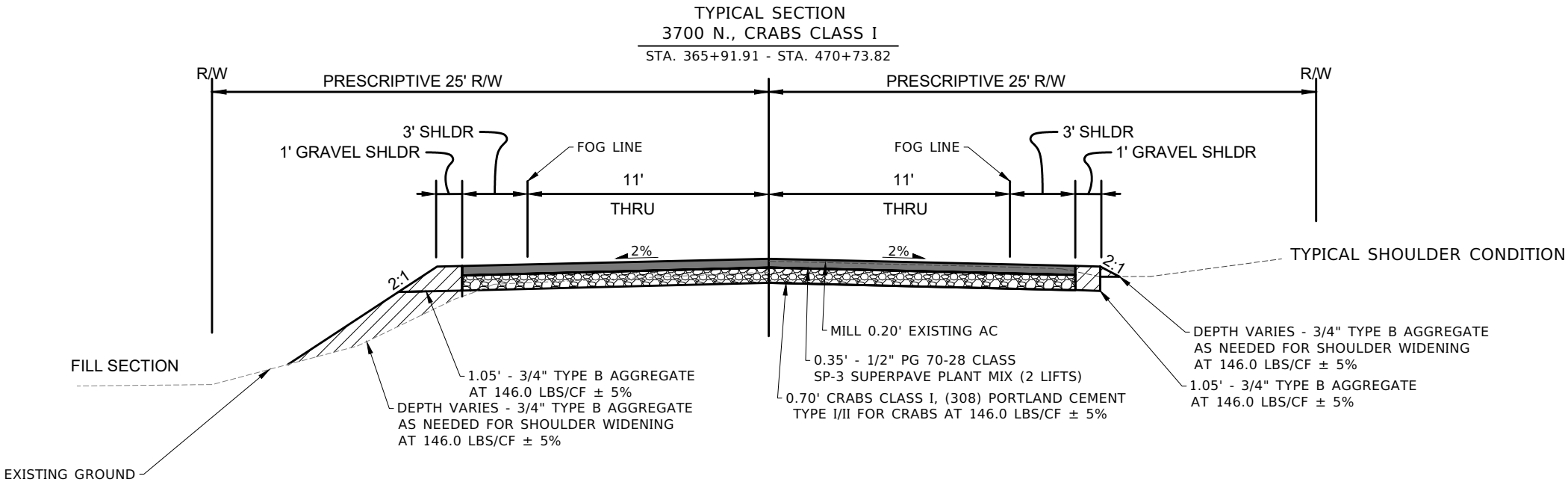
The coordinates shown hereon are referenced to NAD 1983(2011)(EPOCH 2010), projected to Idaho Central Zone(1102), modified to ground using the following parameters:
Scale Origin:
(Point 5)
N 42°32'5.32838"
W 114°39'10.49332"
(N 317030.6810) Ground
(E 1464444.4170) Ground
1/CSF = 1.0001320074
Convergence angle at Point 5 = 1.58720556 degrees
Elevations are nominal NAVD (88) derived from redundant OPUS solutions and computed using Geoid 18(CONUS).

NOTES:

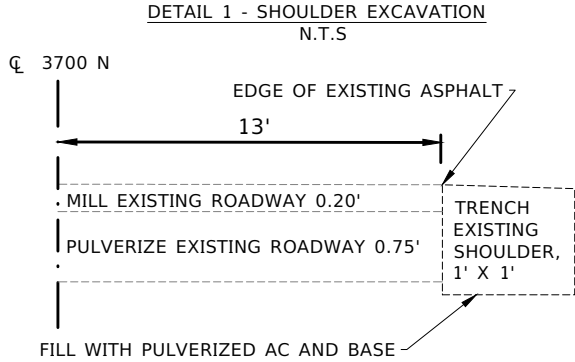
1. Property corner monuments were searched for and found as shown hereon using record information and current possession lines. Additionally, record mapping does indicate a number of property corner monuments that were not found. No survey to re-establish parcel, PLSS, Easement, or right-of-way lines was performed as part of this project.
2. Idaho code 40-2312(2) states in part "...Where no width is established as provided in subsection (1)"...roads..."shall be not less than (50) feet wide." Numerous records of surveys show various right-of-way widths along the roads depicted hereon. The highway district may have additional right-of-way beyond any right-of-way lines depicted hereon based upon existing roadway maintenance uses such as ditches, slopes, walls, pipes, etc.
3. The underground utilities shown hereon are depicted based on above-ground evidence and utility maps provided by utility providers. The utilities may or may not be in service and other utilities may exist on the site. All users of this information must comply with Title 55, Chapter 22 Idaho Code and all other applicable laws and rules related to damage prevention.

REVISIONS				DESIGNED T. SMITH DESIGN CHECKED R. BECKMAN DETAILED K. EBERSOLE DRAWING CHECKED R. BECKMAN	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 24350_OMAP_001 DRAWING DATE: APRIL 2026	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety--YOUR Mobility--YOUR Economic Opportunity FORSGREN AN APEX COMPANY	PROJECT NO. A024(350)	TOTAL OWNERSHIP/SURVEY CONTROL 3700 N RD; 2100 E TO 2300 E NOTES AND LEGEND	ENGLISH		PROFESSIONAL ENGINEER REGISTERED 10208 5/1/2026 STATE OF IDAHO STEVEN R. YEARSLEY
NO	DATE	BY	DESCRIPTION						COUNTY	TWIN FALLS	
									KEY NUMBER	24350	
									SHEET	4 OF 16	

PROJECT STANDARDS				CLEARANCES		+ CLEARED UNDER PROJECT NO.		+ APPROVAL DATE					
				CHARTER APPROVAL ☐ AASHTO ☒ 3R ☐ 1R ☐ STATE _____ ☐ PP ☐ OTHER _____		A024(350)		3/17/2026					
DESIGN EXCEPTIONS: _____						N/A		N/A					
						N/A		N/A					
PUBLIC HEARING WAIVER _____						A024(350)		4/9/2026					
PUBLIC HEARING DATE (Latest hearing date held or scheduled for opportunity) _____						N/A		N/A					
DESIGN APPROVAL _____						A024(350)		4/9/2026					
RECLAMATION PLAN APPROVAL NO(S) _____						N/A		N/A					
AIRPORT _____						N/A		N/A					
Land Survey Monument Search and Documentation (I.C.55-1613) _____						A024(350)		3/21/2026					
R/W CERTIFICATE: Issued by ☒ HQ ☐ DISTRICT _____						A024(350)		5/18/2026					
TRIBAL LANDS: ☐ AGREEMENT REQUIRED ☐ SPECIAL PROVISIONS FOR CONTRACT PROPOSAL _____						N/A		N/A					
BRIDGE PS & E _____						N/A		N/A					
ENVIRONMENTAL DECISION: TYPE ☒ CAT-EX ☐ FONSI ☐ ROD _____						A024(350)		4/2/2026					
ENVIRONMENTAL RE-EVALUATION _____						N/A		N/A					
PERMITS								+ EXPIRATION DATE					
				N/A		N/A		N/A					
IDAHO DEPARTMENT OF WATER RESOURCES PERMIT NO(S) _____						N/A		N/A					
US ARMY CORPS OF ENGINEERS 404 PERMIT NO(S) _____						N/A		N/A					
OTHER _____						N/A		N/A					
DEQ SECTION 401 WATER QUALITY CERTIFICATION _____ ☐ YES ☒ NO													
NPDES GENERAL PERMIT/SWPPP REQUIRED _____ ☐ YES ☒ NO													
POLLUTION PREVENTION PLAN REQUIRED _____ ☒ YES ☐ NO													
AGREEMENTS (List Appropriate Name)													
				N/A		N/A							
LOCAL: CITY _____						N/A		N/A					
COUNTY _____						N/A		N/A					
HIGHWAY DISTRICT _____						N/A		N/A					
ROAD CLOSURE AND MAINTENANCE _____						N/A		N/A					
STATE/LOCAL CONSTRUCTION _____ FILER HIGHWAY DISTRICT _____						A024(350)		5/20/2026					
IRRIGATION DISTRICT(S): Crossing Agreement Required _____ ☐ YES ☐ NO (Signatures Required on either Structure Drawing or Bridge Sheet)													
UTILITIES: List all Utilities shown on plans				RETAIN & PROTECT									
Co. IDAHO POWER				☒		03/04/2026		N/A					
Co. TRULEAP TECH				☒		02/18/2026		N/A					
Co. _____				☐		N/A		N/A					
Co. _____				☐		N/A		N/A					
Co. _____				☐		N/A		N/A					
Co. _____				☐		N/A		N/A					
Co. _____				☐		N/A		N/A					
Co. _____				☐		N/A		N/A					
RAILROAD List all Railroads encroached upon								+ AGREEMENT					
				+ AGREEMENT FOR		EFFECTIVE DATE		NO.					
Co. _____				N/A		N/A		N/A					
Co. _____				N/A		N/A		N/A					
REVISIONS				DESIGNED T. SMITH		IDAHO TRANSPORTATION DEPARTMENT YOUR Safety—YOUR Mobility—YOUR Economic Opportunity		PROJECT NO.		PROJECT CLEARANCE SUMMARY		ENGLISH	
NO DATE BY DESCRIPTION				DETAILED K. EBERSOLE				A024(350)		3700 N RD; 2100 E TO 2300 E		COUNTY TWIN FALLS	
				DRAWING CHECKED R. BECKMAN								KEY NUMBER 24350	
				CADD FILE NAME 3700 N Project Clearance Summary (24350).dwg								SHEET 5 OF 16	
						FORSGREN AN APEX COMPANY						PROFESSIONAL ENGINEER REGISTERED 10208 5/1/2026 STATE OF IDAHO STEVEN R. YEARSLEY	



- NOTES**
1. TRENCH MINIMUM 1.0' WIDE AND 1.0' DEEP ON EACH SIDE OF THE ROAD AS SHOWN IN DETAIL 1. EXISTING AC PAVEMENT IS APPROXIMATELY 26' WIDE.
 2. FILL THE TRENCHES WITH NEW AGGREGATE TYPE B FOR BASE.
 3. PULVERIZE AND UNIFORMLY MIX THE AC AND AGGREGATE BASE LAYER 28' WIDE TO A DEPTH OF 0.75'
 4. PERFORM A CEMENT RECYCLED ASPHALT BASE STABILIZATION (CRABS) CLASS I 28' WIDE AND TO A DEPTH OF 0.70' ON THE AC AND AGGREGATE BASE LAYER.
 5. AFTER CRABS IS PERFORMED, APPLY PRIME COAT.
 6. AFTER PRIME COAT IS APPLIED AND AFTER 48-HOUR CEMENT CURE, APPLY MICRO-CRACKING TREATMENT PRIOR TO PAVING, PER THE SPECIAL PROVISIONS.
 7. PLACE 0.35' OF 1/2" PG 70-28 CLASS SP-3 SUPERPAVE PLANT MIX ONTO THE CRABS LAYER.
 8. 1.5H:1V SLOPES TO BE USED FROM 461+57 RT TO 464+00 RT, SEE SHEET 13

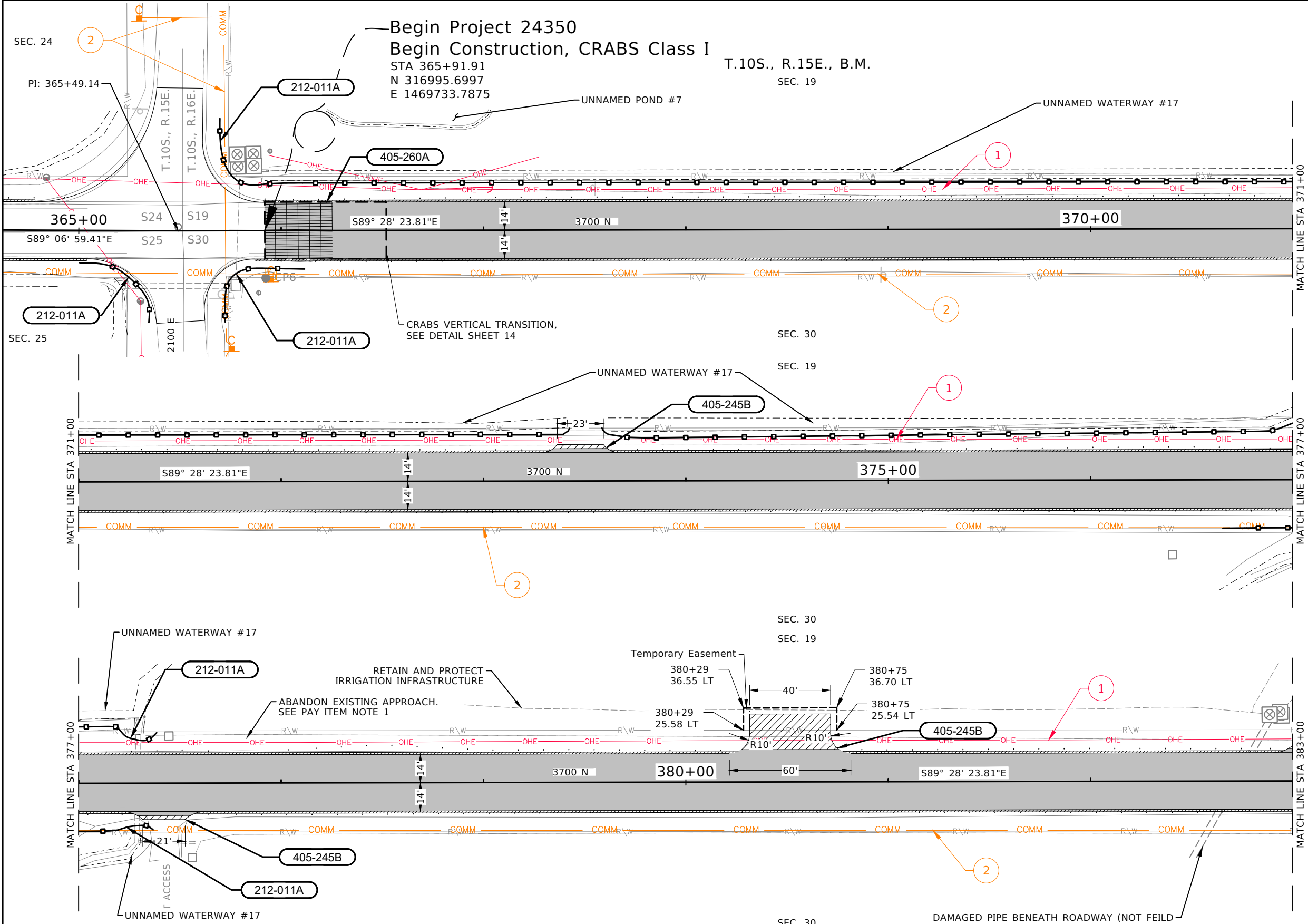


LEGEND

-  SUPERPAVE PLANT MIX PAVEMENT
-  3/4" UNTREATED AGGREGATE BASE FILL
-  CEMENT RECYCLED ASPHALT BASE STABILIZATION (CRABS)

REVISIONS				DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity		PROJECT NO. A024(350)	TYPICAL SECTION 3700 N RD; 2100 E TO 2300 E	ENGLISH		
NO	DATE	BY	DESCRIPTION							COUNTY	TWIN FALLS	
										KEY NUMBER	24350	
										SHEET	6 OF 16	
				DETAILED K. EBERSOLE	CADD FILE NAME 24350 TYP_001	FORSOREN AN APEX COMPANY						
				DRAWING CHECKED R. BECKMAN	DRAWING DATE: APRIL 2026							

SHEET NUMBER				8	9	10	11	12	13						
STATION - STATION				STA 365+91.91 TO 383+00	STA 383+00 TO 401+00	STA 401+00 TO 419+00	STA 419+00 TO 437+00	STA 437+00 TO 455+00	STA 455+00 TO 470+73.82						
ITEM NO.	ITEM	UNIT	TOTAL												
107-019A	SURVEY MONUMENT PRESERVATION	CA	5000.00												
203-080A	REMOVAL OF GUARDRAIL	FT	849.00				455.00	394.00							
205-005A	EXCAVATION	CY	777.00												
205-060A	WATER FOR DUST ABATEMENT	MG	1252.00												
205-090A	SHOULDER GRADING	MILE	2.00												
205-095A	SOFT SPOT REPAIR	CA	5000.00												
205-100A	GUARDRAIL TERMINAL GRADING	EACH	2.00				1.00	1.00							
212-011A	FIBER WATTLE	FT	2175.00	1285.00	85.00	675.00	75.00		55.00						
212-105A	WATER AND POLLUTION	CA	10000.00												
303-022A	3/4" AGGREGATE TYPE B FOR BASE	TON	3431.00												
308-005A	CEMENT RECYCLED ASPHALT BASE STABILIZATION CLASS 1	SY	32611.00												
308-010A	PORTLAND CEMENT	TON	450.00												
308-015A	PULVERIZE EXISTING SURFACE	SY	30282.00												
401-020A	CSS-1 DILUTED EMULSIFIED ASPHALT FOR TACK COAT	GAL	3914.00												
402-020A	EMULSIFIED ASPHALT FOR PRIME COAT	TON	26.00												
405-245A	APPROACH - PAVED	EACH	3.00			2.00	1.00								
405-245B	APPROACH - GRAVEL	EACH	27.00	3.00	3.00	6.00	7.00	4.00	4.00						
405-260A	WEDGE MILLING	SY	268.00	104.00		54.00	22.00		88.00						
405-435A	SUPERPAVE HMA PAVEMENT INCLUDING ASPHALT & ADDITIVES CLASS SP-3	TON	7609.00												
431-005A	COLD MILLING	SY	30282.00												
612-005A	W-BEAM GUARDRAIL	FT	925.00				388.40	536.60							
612-110A	GUARDRAIL ANCHOR	EACH	2.00				1.00	1.00							
612-115B	GUARDRAIL TERMINAL, FLARED	EACH	1.00					1.00							
612-115C	GUARDRAIL TERMINAL, TANGENT	EACH	1.00				1.00								
626-010A	TEMPORARY TRAFFIC CONTROL SIGNS	SF	296.00												
626-040A	BARRICADE TYPE 3	EACH	6.00												
626-100A	MISCELLANEOUS TEMPORARY TRAFFIC CONTROL ITEMS	CA	5000.00												
626-105A	TEMPORARY TRAFFIC CONTROL MAINTENANCE	HR	15.00												
630-025A	LONGITUDINAL PAVEMENT MARKING - WATERBORNE	FT	54568.00												
675-005A	SURVEY	LS	1.00												
676-005A	RECORD AND REESTABLISH PAVEMENT MARKINGS	FT	27284.00												
677-005A	RECORD DRAWINGS	LS	1.00												
S900-50A	CONTINGENCY AMOUNT - MISCELLANEOUS WORK	CA	10000.00												
Z629-05A	MOBILIZATION	LS	1.00												
										</					



- 212-011A FIBER WATTLE**
- 50 FT., STA 365+01, 16' RT TO STA 365+35, 45' RT
 - 735 FT., STA 365+70, 55' LT TO STA 373+44, 28' LT
 - 60 FT., STA 365+72, 45' RT TO STA 366+12, 19' RT
 - 365 FT., STA 373+89, 31' LT TO STA 377+39, 25' LT
 - 75 FT., STA 376+65, 24' RT TO STA 377+42, 24' RT

- 405-245B APPROACH, GRAVEL**
- 1 EACH, STA 373+48 LT, W=23'
 - 1 EACH, STA 377+42 RT, W=21'
 - 1 EACH, STA 380+52 LT, W=40'

- 405-260A WEDGE MILLING**
- 104 SY., STA 365+92 TO 366+25

PAY ITEM NOTES:

1. ABANDON APPROACH AT STA ~377+83 LT AND BUILD NEW APPROACH AT STA 380+52 LT. BUILD NEW APPROACH TO DIMENSIONS SHOWN ON PLANS. CLEARING AND GRUBBING TO CONSTRUCT NEW APPROACH IS INCIDENTAL TO PAY ITEM 405-245B

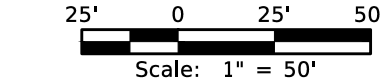
- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 TRULEAP TECH - UNDERGROUND

NOTES:

1. RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.

2. RETAIN AND PROTECT ALL MAILBOXES, IRRIGATION INFRASTRUCTURE, FENCES, AND SIGNS UNLESS OTHERWISE NOTED.



REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME
3700 N Plan 365 To 419
DRAWING DATE:
APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

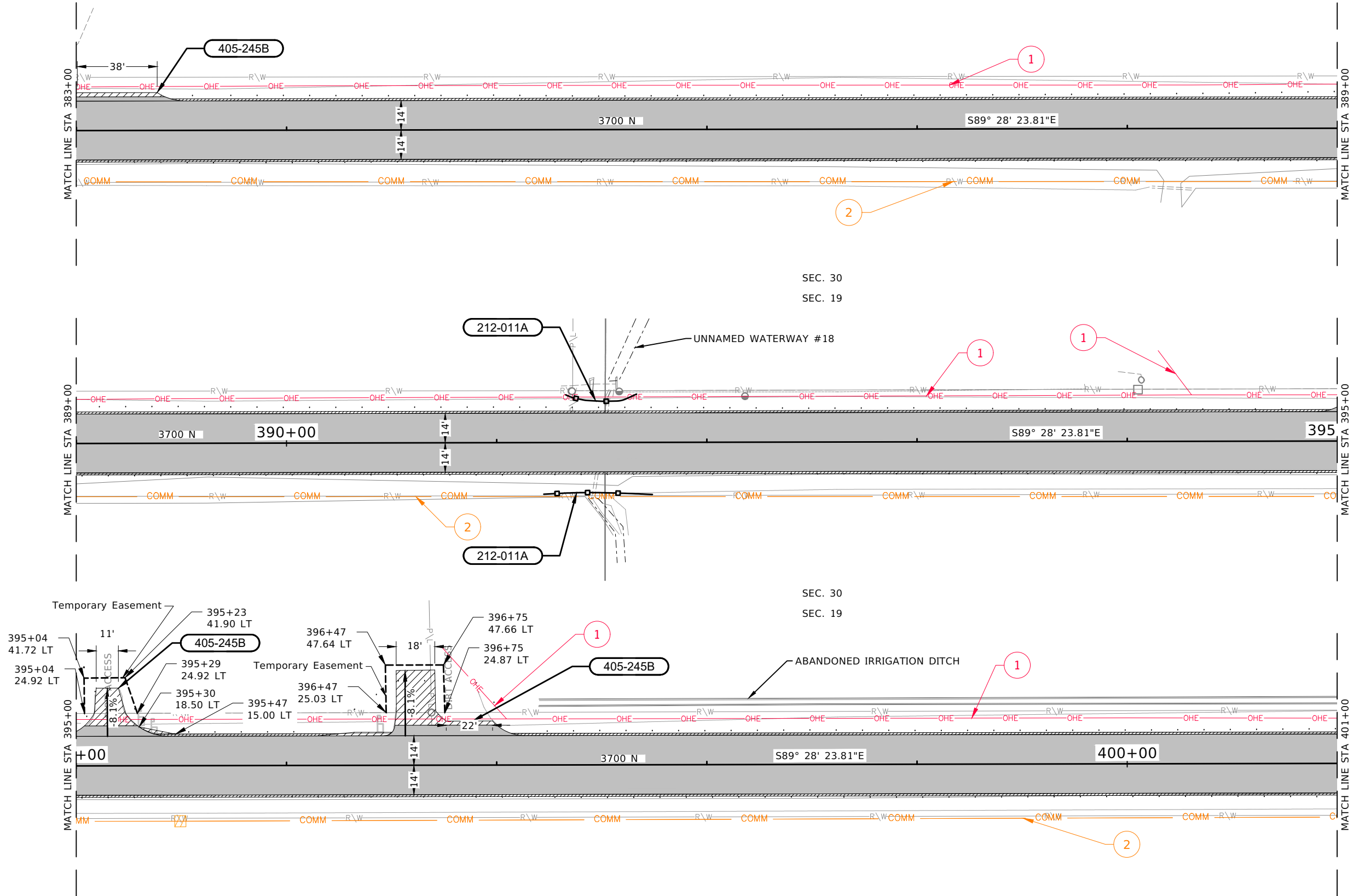
PROJECT NO.
A024(350)

PLAN SHEET
3700 N RD; 2100 E TO 2300 E
STA 365+91.91 TO 383+00

ENGLISH
COUNTY
TWIN FALLS
KEY NUMBER
24350
SHEET
8 OF 16



T.10S., R.15E., B.M.
SEC. 19



- 212-011A** FIBER WATTLE
- 50 FT., STA 391+24, 24' RT TO STA 391+74, 25' RT
35 FT., STA 391+33, 23' LT TO STA 391+67, 23' LT
- 405-245B** APPROACH, GRAVEL
- 1 EACH, STA 383+18 LT, W=38'
1 EACH, STA 395+16 LT, W=15'
1 EACH, STA 396+73 LT, W=8', W=32'

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, IRRIGATION INFRASTRUCTURE, FENCES, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN	ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME	3700 N Plan 365 To 419
DRAWING DATE:	APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

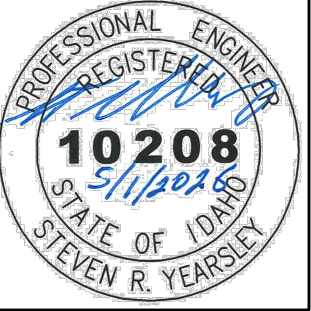
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

FORS GREN
AN APEX COMPANY

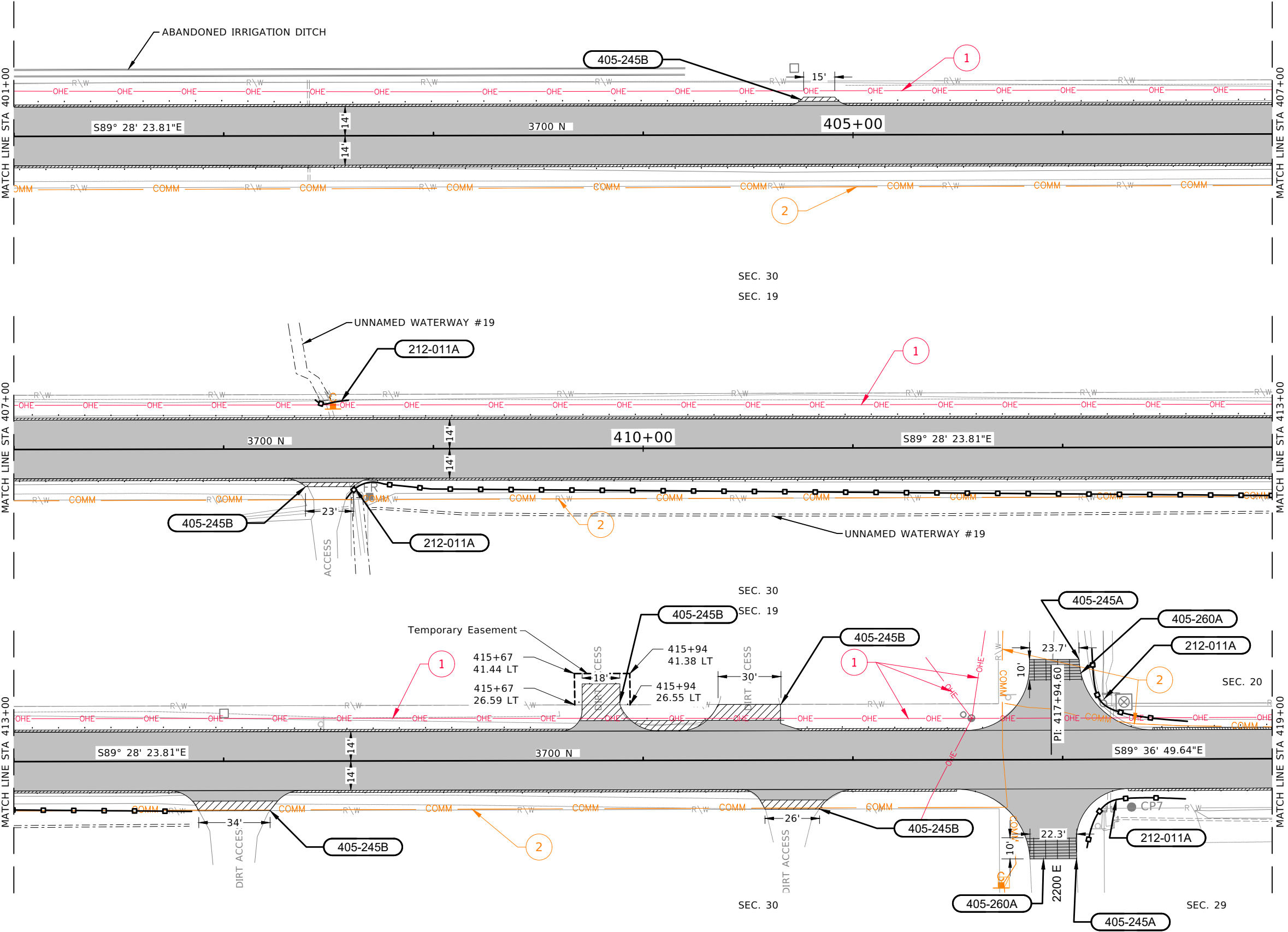
PROJECT NO.	A024(350)
-------------	-----------

PLAN SHEET	3700 N RD; 2100 E TO 2300 E
	STA 383+00 TO 401+00

ENGLISH	
COUNTY	TWIN FALLS
KEY NUMBER	24350
SHEET	9 OF 16



T.10S., R.15E., B.M.
SEC. 19



- 212-011A** FIBER WATTLE
- 15 FT., STA 408+44, 23' LT TO STA 408+60, 23' LT
 - 530 FT., STA 408+58, 24' RT TO STA 413+85, 24' RT
 - 60 FT., STA 418+11, 42' RT TO STA 418+58, 19' RT
 - 70 FT., STA 418+14, 53' LT TO STA 418+60, 18' LT
- 405-245A** APPROACH, PAVED
- 1 EACH, STA 417+95 LT, W=23.7'
 - 1 EACH, STA 417+95 RT, W=22.3'
- 405-245B** APPROACH, GRAVEL
- 1 EACH, STA 404+84 LT, W=15'
 - 1 EACH, STA 408+51 RT, W=23'
 - 1 EACH, STA 414+05 RT, W=34'
 - 1 EACH, STA 415+80 LT, W=18'
 - 1 EACH, STA 416+51 LT, W=30'
 - 1 EACH, STA 416+71 RT, W=26'
- 405-260A** WEDGE MILLING
- 28 SY., STA 417+95 LT
 - 26 SY., STA 417+95 RT

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW ¾" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, IRRIGATION INFRASTRUCTURE, FENCES, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
- Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME
3700 N Plan 365 To 419
DRAWING DATE:
APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

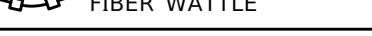
FORSGREN
AN APEX COMPANY

PROJECT NO.
A024(350)

PLAN SHEET
3700 N RD; 2100 E TO 2300 E
STA 401+00 TO 419+00

ENGLISH
COUNTY
TWIN FALLS
KEY NUMBER
24350
SHEET
10 OF 16

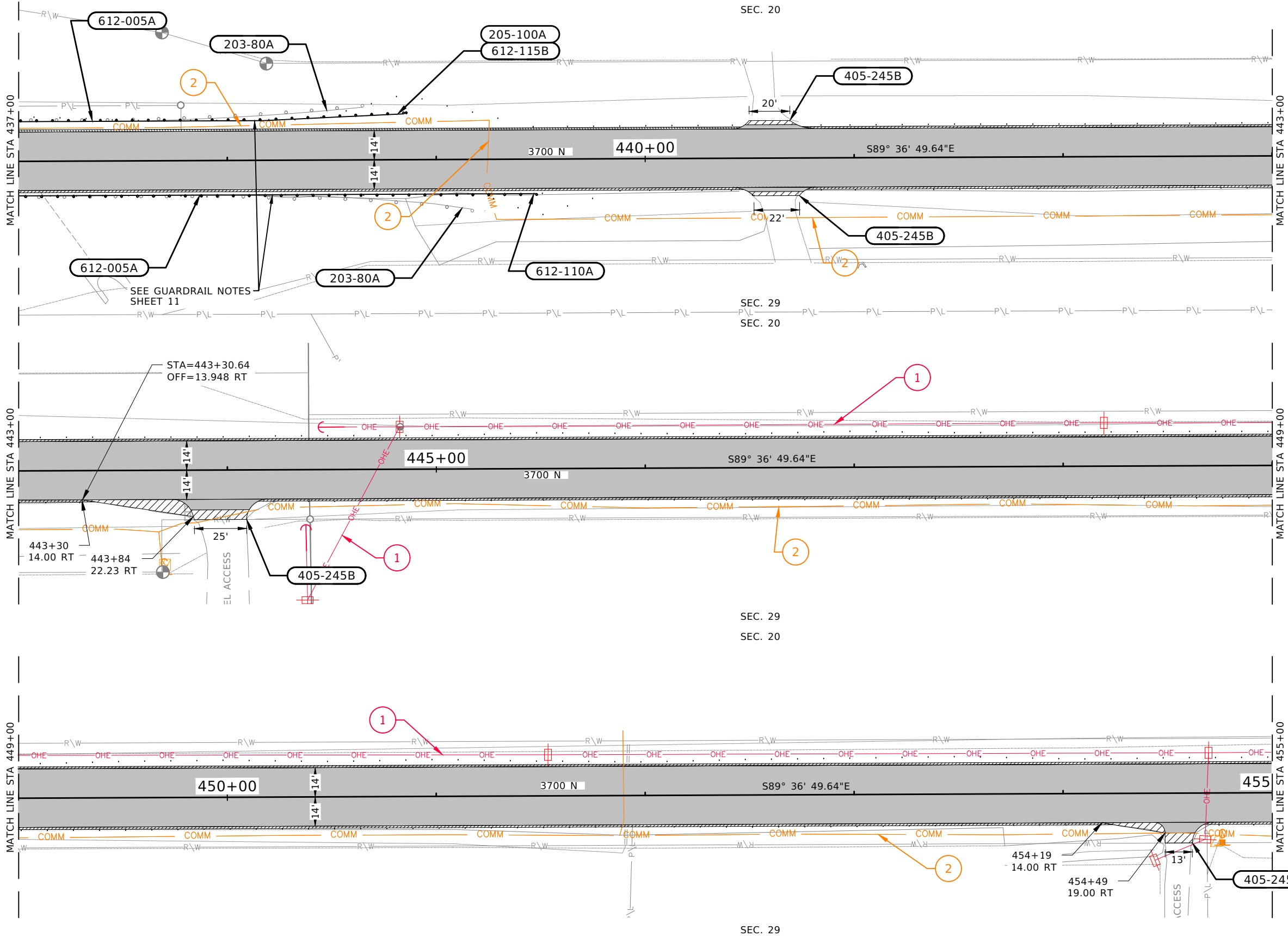


203-080A	REMOVAL OF GUARDRAIL 312 FT., STA 433+88.9 LT TO STA 437+00.0 LT 143 FT., STA 435+57.4 RT TO STA 437+00.0 RT
205-100A	GUARDRAIL TERMINAL GRADING 1 EACH, STA 435+63.2, 16.5' RT
212-011A	FIBER WATTLE 75 FT., STA 436+36, 43' LT TO STA 436+78, 51' LT
405-245A	APPROACH, PAVED 1 EACH, STA. 425+53 LT, W =22
405-245B	APPROACH, GRAVEL 1 EACH, STA 422+47 LT, W=27' 1 EACH, STA 426+53 RT, W=28' 1 EACH, STA 430+59 RT, W=10' 1 EACH, STA 430+63 LT, W=22' 1 EACH, STA 432+03 LT, W=16' 1 EACH, STA 432+12 RT, W=10' 1 EACH, STA 435+32 RT, W=43'
405-260A	WEDGE MILLING 22 SY., STA 425+54 LT
612-005A	W-BEAM GUARDRAIL 251.6 FT., STA 433+48.4, 19.0' LT TO STA 437+00.0, 19.0' LT 136.8 FT., STA 435+63.2, 16.5' RT TO STA 437+00.0, 16.5' RT
612-110A	GUARDRAIL ANCHOR 1 EACH, STA 433+48.4, 19.0' LT
LEGEND:	
-----	POTENTIAL WETLANDS (RETAIN AND PROTECT)
	NEW PLANTMIX PAVEMENT
	NEW ¾" AGGREGATE
	WEDGE MILLING
	FIBER WATTLE
UTILITY LEGEND:	
①	IDAHO POWER Co
②	TRUELEAP TECH - UNDERGROUND
NOTES:	
1. RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.	
2. RETAIN AND PROTECT ALL RETAINBOXES, IRRIGATION INFRASTRUCTURE, FENCES, AND SIGNS UNLESS OTHERWISE NOTED.	
25' 0 25' 50' 	
Scale: 1" = 50'	

REVISIONS				DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety--YOUR Mobility--YOUR Economic Opportunity  FORSGREN AN APEX COMPANY	PROJECT NO.	PLAN SHEET	ENGLISH	
NO	DATE	BY	DESCRIPTION				DESIGN CHECKED R. BECKMAN	A024(350)	3700 N RD; 2100 E TO 2300 E	COUNTY TWIN FALLS
							DETAILED K. EBERSOLE			KEY NUMBER 24350
							DRAWING CHECKED R. BECKMAN	DRAWING DATE: APRIL 2026		SHEET 11 OF 16



T.10S., R.15E., B.M.
SEC. 20



- 203-080A** REMOVAL OF GUARDRAIL
170 FT., STA 437+00.0 LT TO STA 438+69.8 LT
224 FT., STA 437+00.0 RT TO STA 439+23.2 RT
- 205-100A** GUARDRAIL TERMINAL GRADING
1 EACH, STA 438+85.6, 21.2' LT
- 405-245B** APPROACH, GRAVEL
1 EACH, STA 440+57 LT, W=20'
1 EACH, STA 440+64 RT, W=22'
1 EACH, STA 443+97 RT, W=25'
1 EACH, STA 454+55 RT, W=13'
- 612-005A** W-BEAM GUARDRAIL
285.9 FT., STA 437+00.0, 19.0' LT TO STA 438+85.6, 21.2' LT
250.7 FT., STA 437+00.0, 16.5' RT TO STA 439+50.7, 16.5' RT
- 612-110A** GUARDRAIL ANCHOR
1 EACH, STA 439+50.7, 16.5' RT
- 612-115B** GUARDRAIL TERMINAL, FLARED
1 EACH, STA 438+85.6, 21.2' LT

LEGEND:

- POTENTIAL WETLANDS (RETAIN AND PROTECT)
- NEW PLANTMIX PAVEMENT
- NEW 3/4" AGGREGATE
- WEDGE MILLING
- FIBER WATTLE

- UTILITY LEGEND:**
- 1** IDAHO POWER Co
 - 2** TRULEAP TECH - UNDERGROUND

NOTES:

- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
- RETAIN AND PROTECT ALL MAILBOXES, IRRIGATION INFRASTRUCTURE, FENCES, AND SIGNS UNLESS OTHERWISE NOTED.

25' 0 25' 50'
Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH
DESIGN CHECKED	R. BECKMAN
DETAILED	K. EBERSOLE
DRAWING CHECKED	R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 3700 N Plan 28-30
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

FORSGREN
AN APEX COMPANY

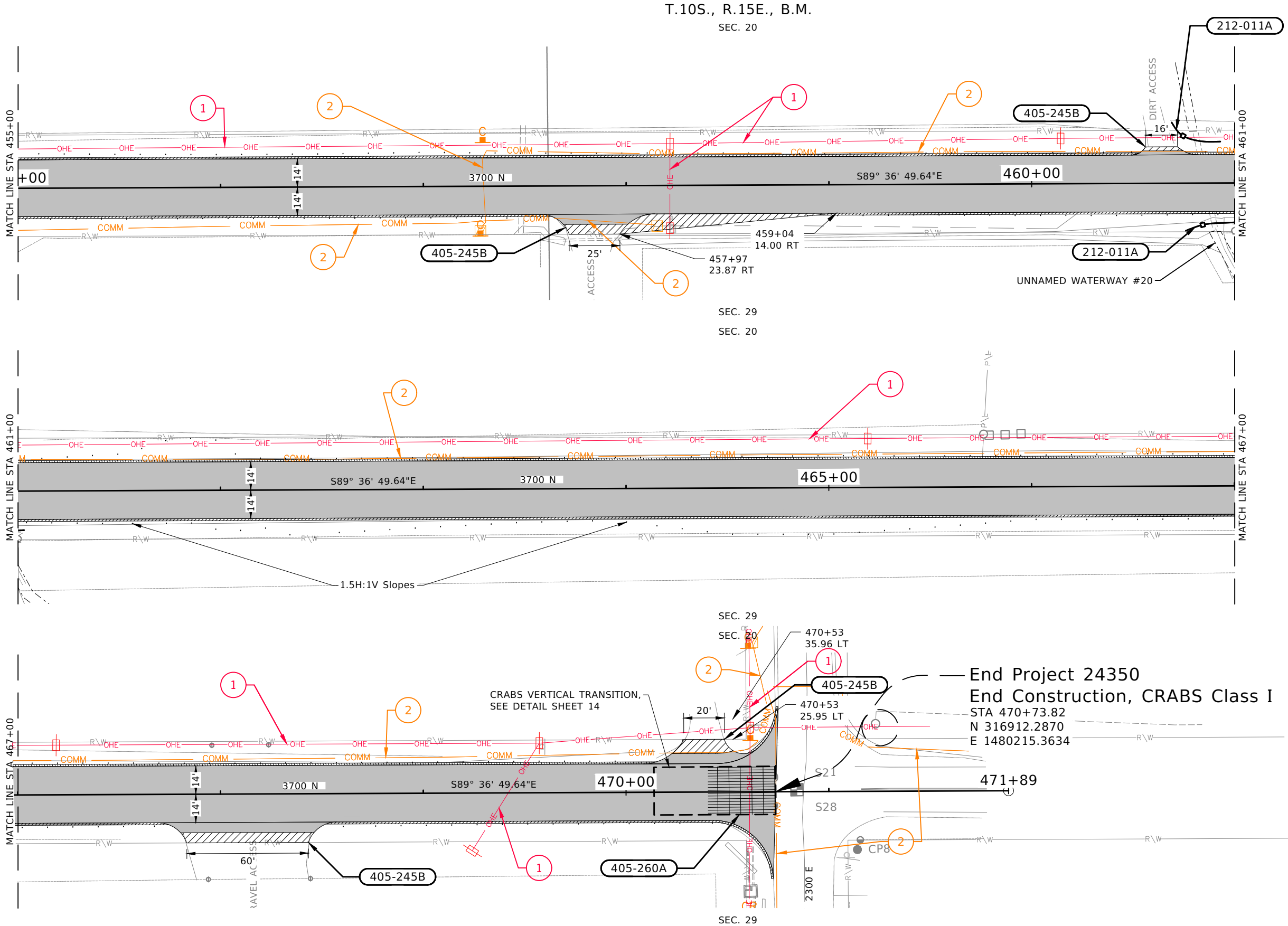
PROJECT NO.
A024(350)

PLAN SHEET
3700 N RD; 2100 E TO 2300 E
STA 437+00 TO 455+00

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 24350
SHEET 12 OF 16



T.10S., R.15E., B.M.
SEC. 20



- 212-011A** FIBER WATTLE
25 FT., STA 460+69, 30' LT TO STA 460+93, 20' LT
30 FT., STA 460+76, 23' RT TO STA 461+03, 19' RT
- 405-245B** APPROACH, GRAVEL
1 EACH, STA 457+84 RT, W=25'
1 EACH, STA 460+62 LT, W=16'
1 EACH, STA 468+13 RT, W=60'
1 EACH, STA 470+39 LT, W=20'
- 405-260A** WEDGE MILLING
88 SY., STA 470+41 TO 470+74

- LEGEND:**
- POTENTIAL WETLANDS (RETAIN AND PROTECT)
 - NEW PLANTMIX PAVEMENT
 - NEW 3/4" AGGREGATE
 - WEDGE MILLING
 - FIBER WATTLE

- UTILITY LEGEND:**
- 1 IDAHO POWER Co
 - 2 TRULEAP TECH - UNDERGROUND

- NOTES:**
- RETAIN AND PROTECT ALL UTILITIES UNLESS OTHERWISE NOTED.
 - RETAIN AND PROTECT ALL MAILBOXES, IRRIGATION INFRASTRUCTURE, FENCES, AND SIGNS UNLESS OTHERWISE NOTED.
- 25' 0 25' 50'
Scale: 1" = 50'

REVISIONS			
NO	DATE	BY	DESCRIPTION

DESIGNED T. SMITH
DESIGN CHECKED R. BECKMAN
DETAILED K. EBERSOLE
DRAWING CHECKED R. BECKMAN

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 3700 N Plan 28-30
DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety—YOUR Mobility—YOUR Economic Opportunity

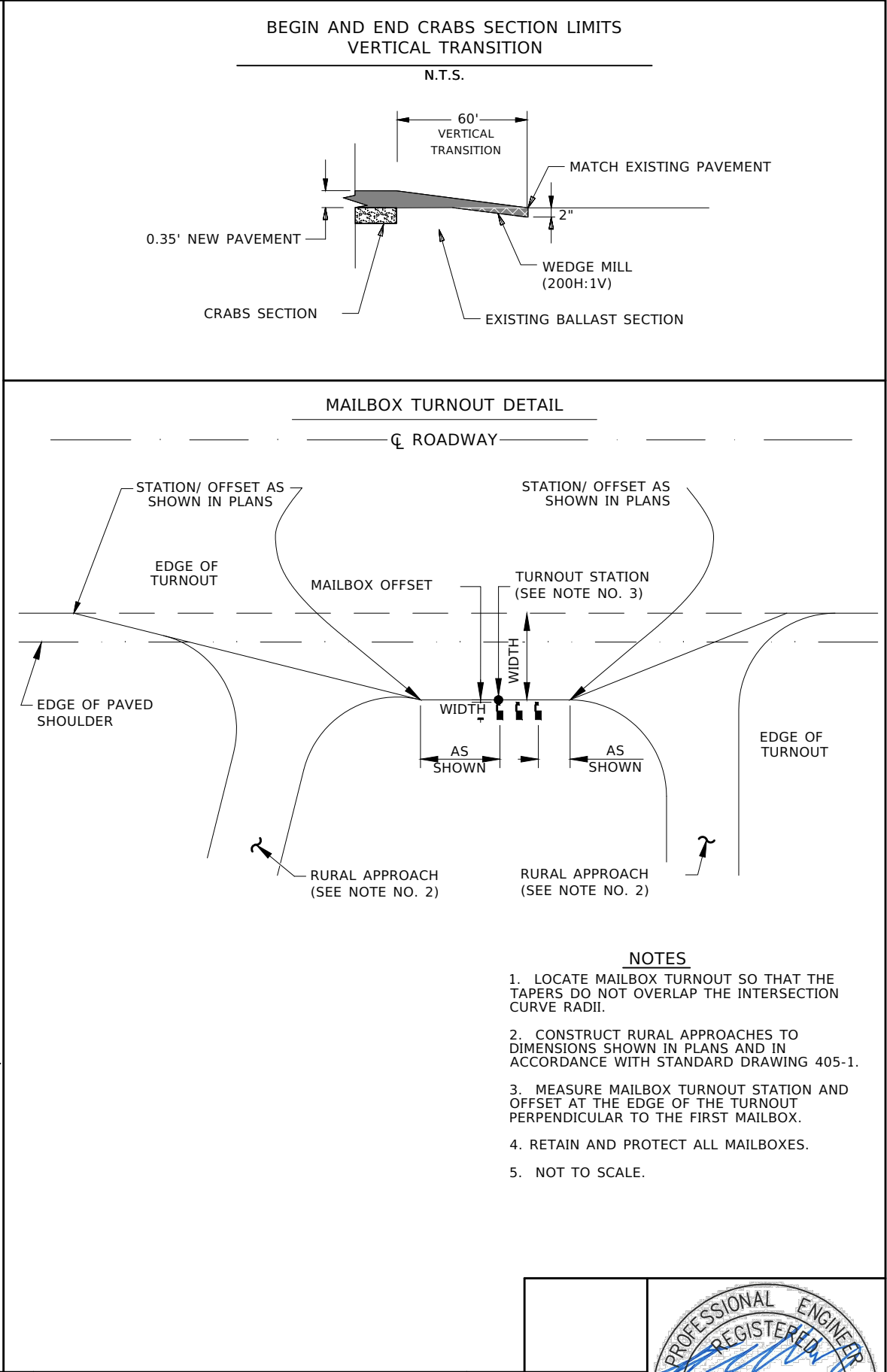
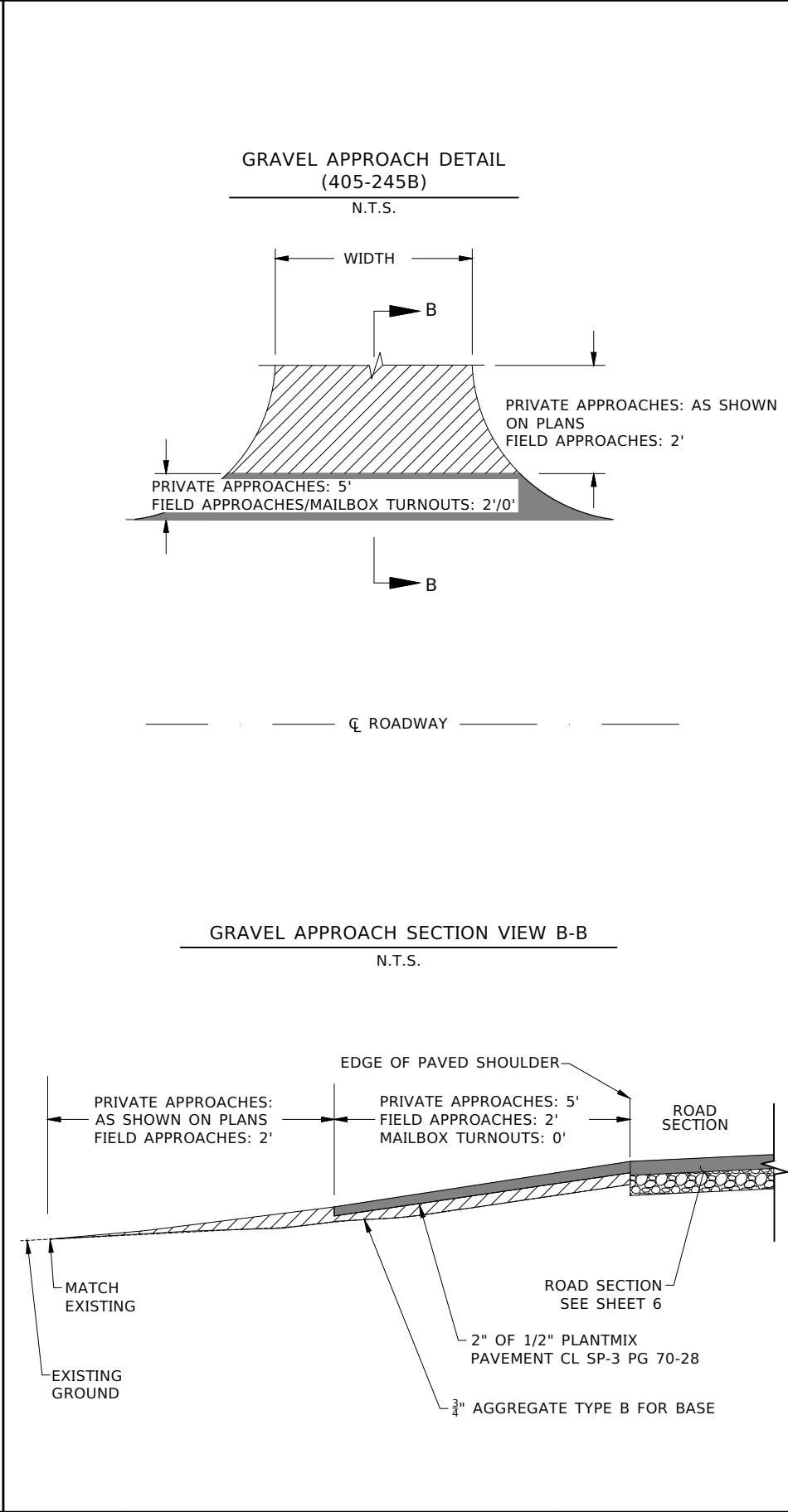
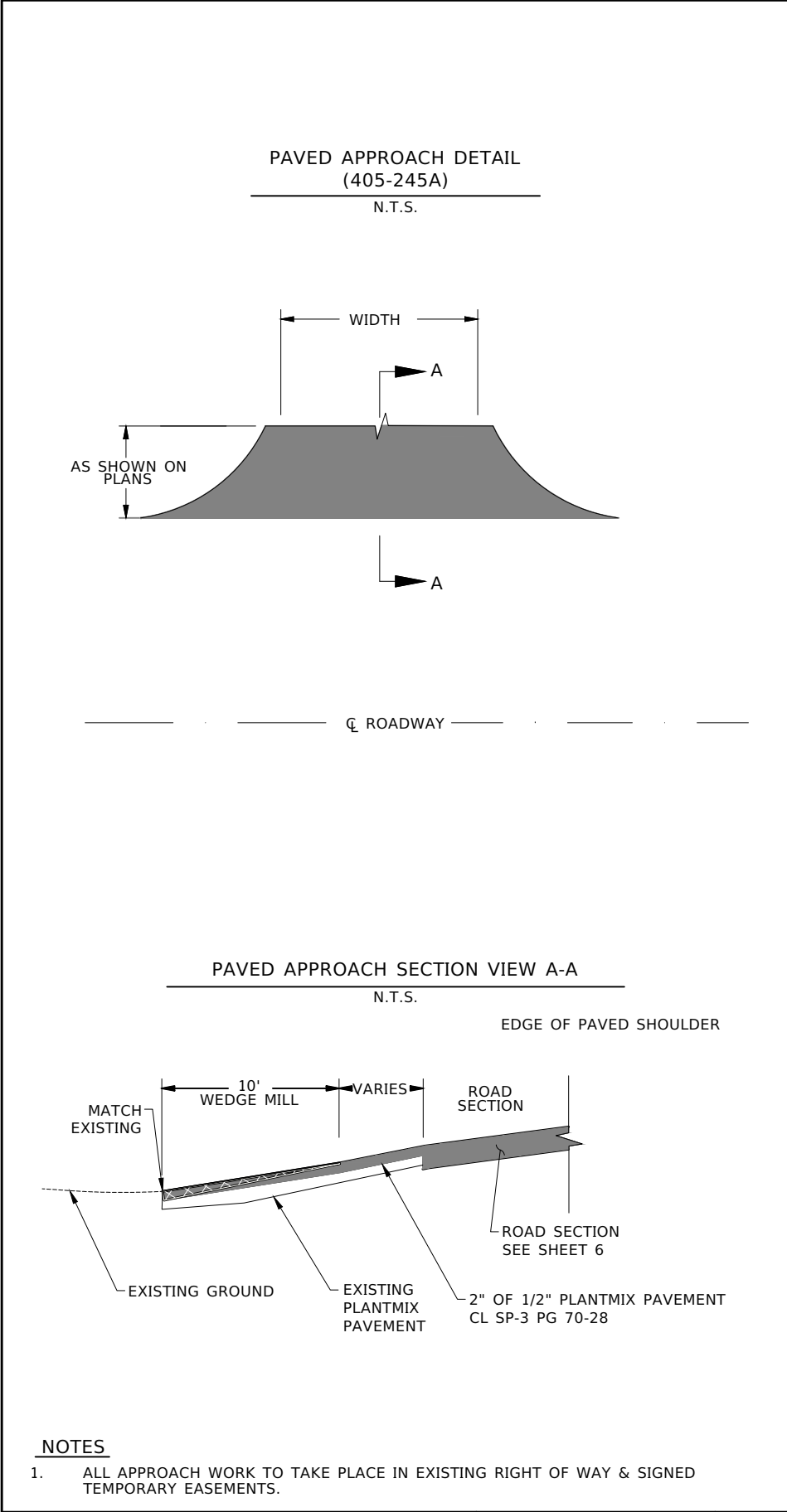
FORSGREN
AN APEX COMPANY

PROJECT NO.
A024(350)

PLAN SHEET
3700 N RD; 2100 E TO 2300 E
STA 455+00 TO 470+73.82

ENGLISH
COUNTY TWIN FALLS
KEY NUMBER 24350
SHEET 13 OF 16





REVISIONS				DESIGNED T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	CADD FILE NAME 3700 N Approach Detail 24350	DRAWING DATE: APRIL 2026	PROJECT NO. A024(350)	APPROACH DETAIL 3700 N RD; 2100 E TO 2300 E	ENGLISH	
NO	DATE	BY	DESCRIPTION							COUNTY	TWIN FALLS
										KEY NUMBER	24350
										SHEET	14 OF 16

IDAHO TRANSPORTATION DEPARTMENT		
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity		
FORSGREN		AN APEX COMPANY

10208	
5/1/2026	
STATE OF IDAHO	
STEVEN R. YEARSLEY	

NOTES:

1. ALL TAPER LENGTHS, AND WORK ZONE TRAFFIC CONTROL SIGNING AND DEVICES USED BY THE CONTRACTOR, WILL MEET OR EXCEED THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS ADOPTED BY THE STATE.
2. ALL SIGNS AND CHANNELIZING DEVICES USED BY THE CONTRACTOR TO BE NEW OR IN LIKE NEW CONDITION AND WILL MEET THE RETRO REFLECTIVITY REQUIREMENTS OF THE IDAHO TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SUBSECTION 712.02.
3. TRAFFIC CONTROL OPERATIONS TO COMPLY WITH THE REQUIREMENTS OF THE IDAHO TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SUBSECTION 105.14 D - MAINTENANCE OF TRAFFIC.
4. SUBMIT A NEW TRAFFIC CONTROL PLAN FOR APPROVAL IF THE TRAFFIC CONTROL PLAN AS SHOWN DOES NOT CONFORM TO THE CONTRACTOR'S METHOD OF OPERATION.
5. ALL DISTANCES BETWEEN SIGNS ARE A MINIMUM AND MAY REQUIRE SPACING ADJUSTMENTS IN THE FIELD DEPENDING ON PREVAILING CONDITIONS, AND/OR CONFLICTS WITH EXISTING SIGNS.
6. ADDITIONAL SIGNING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
7. SIGNS AND SIGN STANDS NOT IN USE TO BE REMOVED OR LAID DOWN AT LEAST 15 FEET FROM THE TRAVEL WAY.
8. COVER CONFLICTING SIGNS BY AN ENGINEER APPROVED METHOD OR REMOVED DURING CONSTRUCTION. SIGNS DAMAGED BY THE CONTRACTOR TO BE REPLACED AT THE CONTRACTOR'S EXPENSE. BLACK PLASTIC WILL NOT BE ACCEPTED BY THE DEPARTMENT.
9. MOUNT ALL POST MOUNTED SIGNS A MINIMUM OF 6 FT ABOVE THE LEVEL OF THE ROADWAY MEASURED FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE PAVEMENT SURFACE. THE HEIGHT TO THE BOTTOM OF A SECONDARY SIGN MOUNTED BELOW ANOTHER SIGN TO BE 4 FT.
10. MOUNT ALL SIGNS MOUNTED ON TEMPORARY SIGN STANDS A MINIMUM OF 5 FT ABOVE THE LEVEL OF THE ROADWAY MEASURED FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE PAVEMENT SURFACE. TEMPORARY SIGN STANDS TO BE PERMITTED ONLY WHERE SIGNS ARE PLACED AT THE SAME LOCATION LESS THAN THREE (3) DAYS.
11. HAVE A CERTIFIED WORK SITE TRAFFIC CONTROL SUPERVISOR ON SITE TO DIRECT THE INSTALLATION AND MODIFICATION OF THE TRAFFIC CONTROL.
12. COORDINATE WORK WITH THE AUTHORITIES HAVING JURISDICTION OVER THE LOCAL ROADS IMPACTED BY THIS PROJECT, INCLUDING OBTAINING ANY REQUIRED PERMITS.
13. CONTRACTOR TO MAINTAIN LOCAL ACCESS TO RESIDENTS DURING CONSTRUCTION.

SUMMARY OF TRAFFIC CONTROL SIGNS						
SIGN	CLASS	DESCRIPTION	SIZE	QUAN.	SF	SQUARE FEET
G20-2	B	END ROAD WORK	48" X 24"	2	8.0	16
M4-9L MOD	B	DETOUR	30" X 31"	4	6.5	26
M4-9R MOD	B	DETOUR	30" X 31"	5	6.5	32
M4-9S MOD	B	DETOUR	30" X 32"	2	6.7	13
M4-10L	B	DETOUR	48" X 18"	1	6.0	6
M4-10R	B	DETOUR	48" X 18"	1	6.0	6
R11-3A	B	ROAD CLOSED - LOCAL TRAFFIC ONLY	60" X 30"	2	12.5	25
R11-4	B	ROAD CLOSED TO THRU TRAFFIC	60" X 30"	4	12.5	50
W20-1	B	ROAD WORK AHEAD	36" X 36"	2	9.0	18
W20-2 (AHEAD)	B	DETOUR AHEAD	36" X 36"	2	9.0	18
W20-2 (1500)	B	DETOUR 1500 FT	36" X 36"	2	9.0	18
W20-3 (1000)	B	ROAD CLOSED 1000 FT	36" X 36"	2	9.0	18
SUBTOTAL						246
SUBTOTAL +20%						296

REVISIONS

NO	DATE	BY	DESCRIPTION

DESIGNED	T. SMITH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	R. BECKMAN	
DETAILED	K. EBERSOLE	CADD FILE NAME 24350 TTC 001
DRAWING CHECKED	R. BECKMAN	DRAWING DATE: APRIL 2026

IDAHO
TRANSPORTATION
DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity



PROJECT NO.

A024(350)

TEMPORARY TRAFFIC CONTROL
3700 N RD; 2100 E TO 2300 E

TEMPORARY TRAFFIC CONTROL

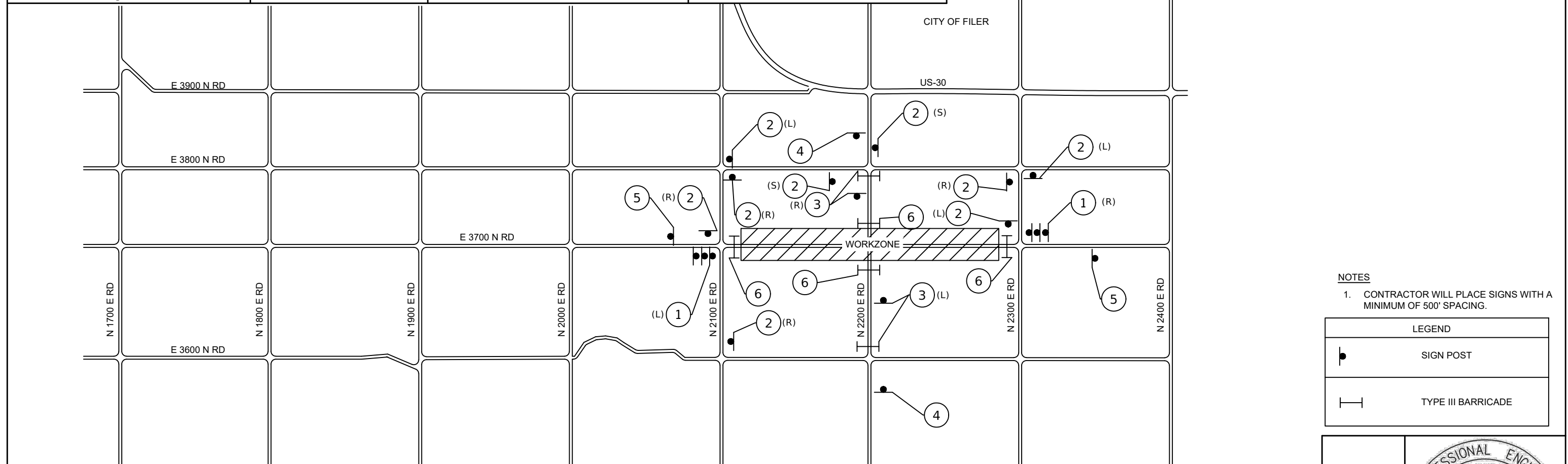
ENGLISH

COUNTY TWIN FALLS

KEY NUMBER 24350

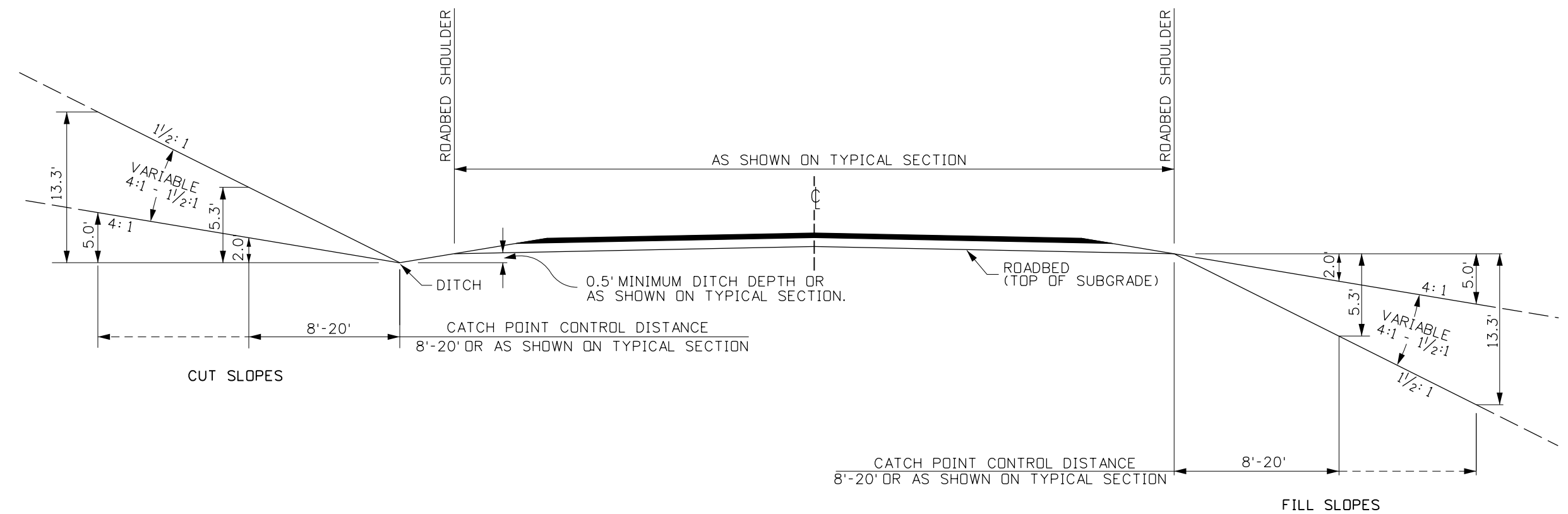
SHEET 15 OF 16





SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity IDAHO TRANSPORTATION DEPARTMENT
CADD FILE NAME 24350 TTC_001	
DRAWING DATE: APRIL 2026	FORSGREN AN APEX COMPANY

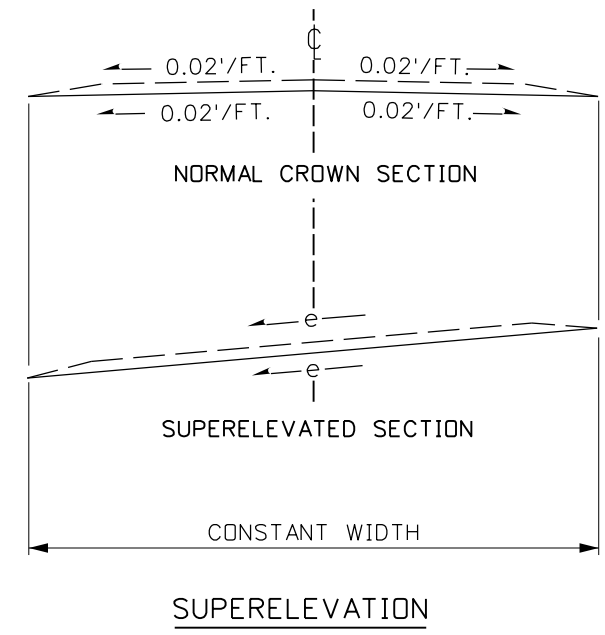
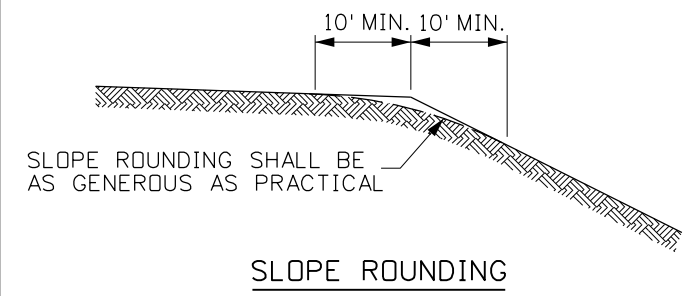
ENGLISH	
COUNTY	TWIN FALLS
KEY NUMBER	24350
SHEET	16 OF 16



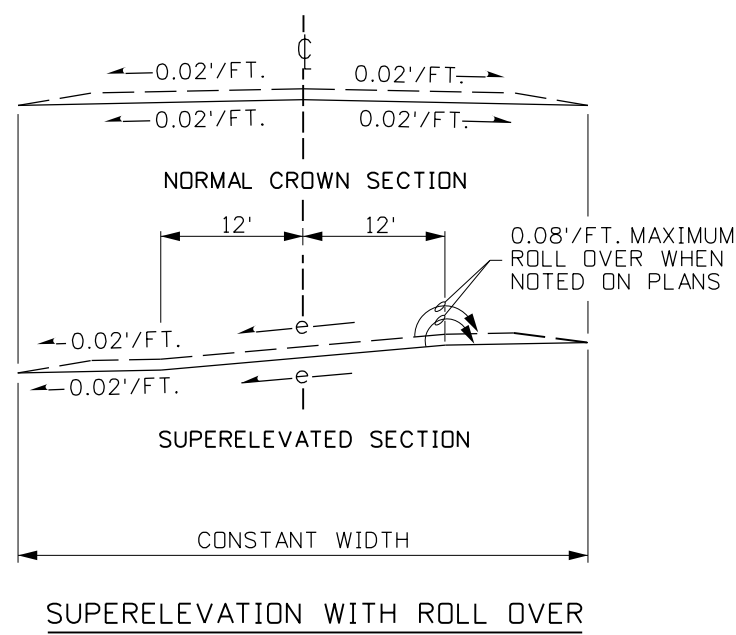
SLOPE GRADING

NOTES

1. FOR THE 8' CATCH POINT CONTROL DISTANCE:
USE 4:1 SLOPE FOR CUTS AND FILLS UP TO 2.0' IN HEIGHT.
USE VARIABLE SLOPES FOR CUTS AND FILLS OVER 2.0' AND UP TO 5.3' IN HEIGHT MAINTAINING THE CONSTANT 8' CATCH POINT DISTANCE.
USE 1 1/2:1 SLOPE FOR CUTS AND FILLS OVER 5.3' IN HEIGHT.
2. FOR THE 20' CATCH POINT CONTROL DISTANCE:
USE 4:1 SLOPE FOR CUTS AND FILLS UP TO 5.0' IN HEIGHT.
USE VARIABLE SLOPES FOR CUTS AND FILLS OVER 5.0' AND UP TO 13.3' IN HEIGHT MAINTAINING THE CONSTANT 20' CATCH POINT DISTANCE.
USE 1 1/2:1 SLOPE FOR CUTS AND FILLS OVER 13.3' IN HEIGHT.
3. CUT AND FILL SLOPES IN DIFFICULT TERRAIN MAY REQUIRE SPECIAL CONSIDERATION.
4. SLOPE ROUNDING SHALL CONSIST OF ONE OR MORE CHORDS OR ROUNDED SURFACE. THE DEPTH AND WIDTH OF SLOPE ROUNDING SHALL BE AS DIRECTED.
5. ROLL OVER WILL NOT BE USED UNLESS NOTED ON THE PLANS.
6. ALL SLOPES SHALL BE CHECKED TO DETERMINE IF THERE IS A GUARDRAIL WARRANT BASED ON SLOPE HEIGHT AND STEEPNESS.
7. WHEN USING GUARDRAIL, WIDEN SHOULDER AS SHOWN ON THE APPROPRIATE ITD GUARDRAIL STANDARD DRAWING.
8. DRAWING NOT TO SCALE.



SUPERELEVATION

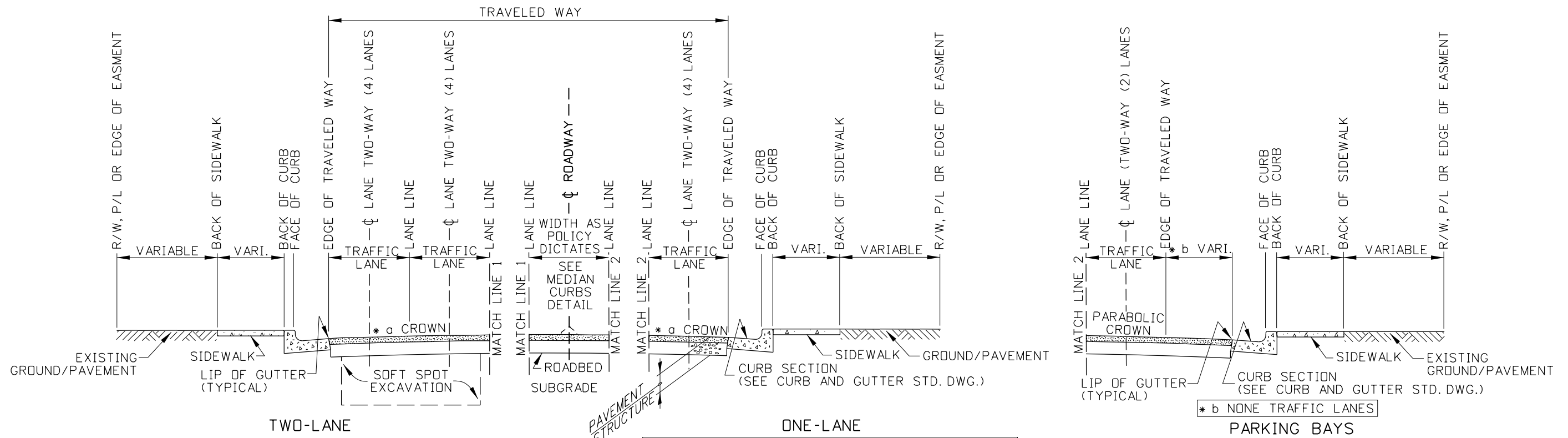


SUPERELEVATION WITH ROLL OVER

REVISIONS				DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	CADD FILE NAME a4.dgn	DRAWING DATE:	IDaho TRANSPORTATION DEPARTMENT	PROJECT NO. A023(733)	STANDARD DETAIL A-4	RURAL MAJOR COLLECTOR GRADING	English	COUNTY TWIN FALLS	KEY NUMBER 23733	SHEET 1 OF 1
NO.	DATE	BY	DESCRIPTION												

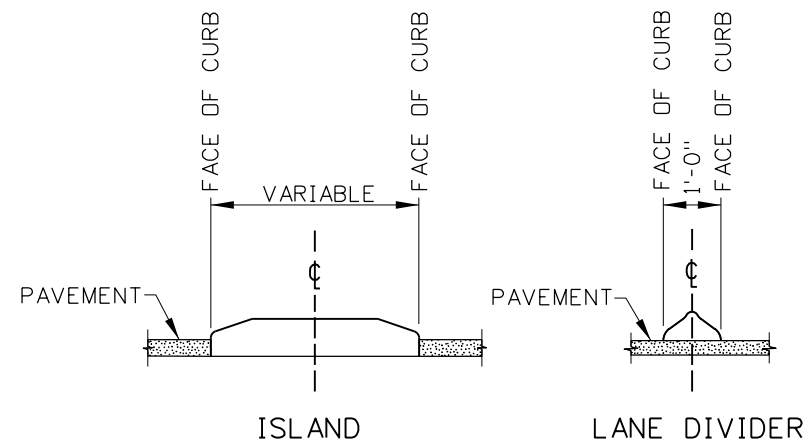


STANDARD W-BEAM INSTALLATION (ASPHALT)											
REVISIONS				DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT 	PROJECT NO.	STANDARD DETAIL A-9	English		
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED			A023(733)	ITD ROADWAY NOMENCLATURE LOCATIONS & EXAMPLES	COUNTY		
				DETAILED					CADD FILE NAME a9.dgn	TWIN FALLS	
				DRAWING CHECKED					DRAWING DATE:	KEY NUMBER 23733	
								SHEET 1 OF 4			

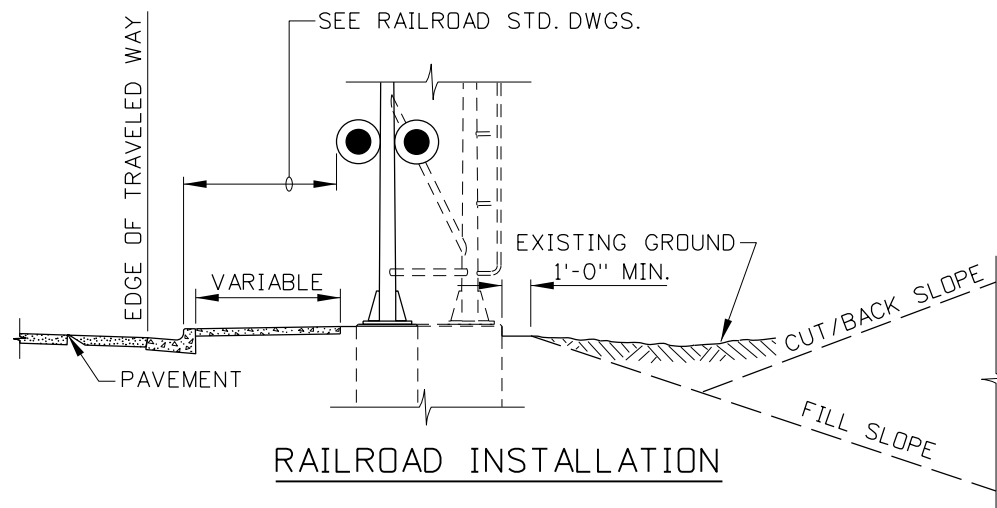


* a A PARABOLIC CROWN IS NORMALLY INSTALLED ON URBAN ROADWAYS BETWEEN CURB & GUTTERS (SEE NOTE NO. 5)

TYPICAL URBAN STREET



MEDIAN CURBS
(SEE CURB AND GUTTER STD. DWG.)



RAILROAD INSTALLATION

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
DESIGN CHECKED
DETAILED
DRAWING CHECKED

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME a9.dgn
DRAWING DATE:

**IDAHO
TRANSPORTATION
DEPARTMENT**

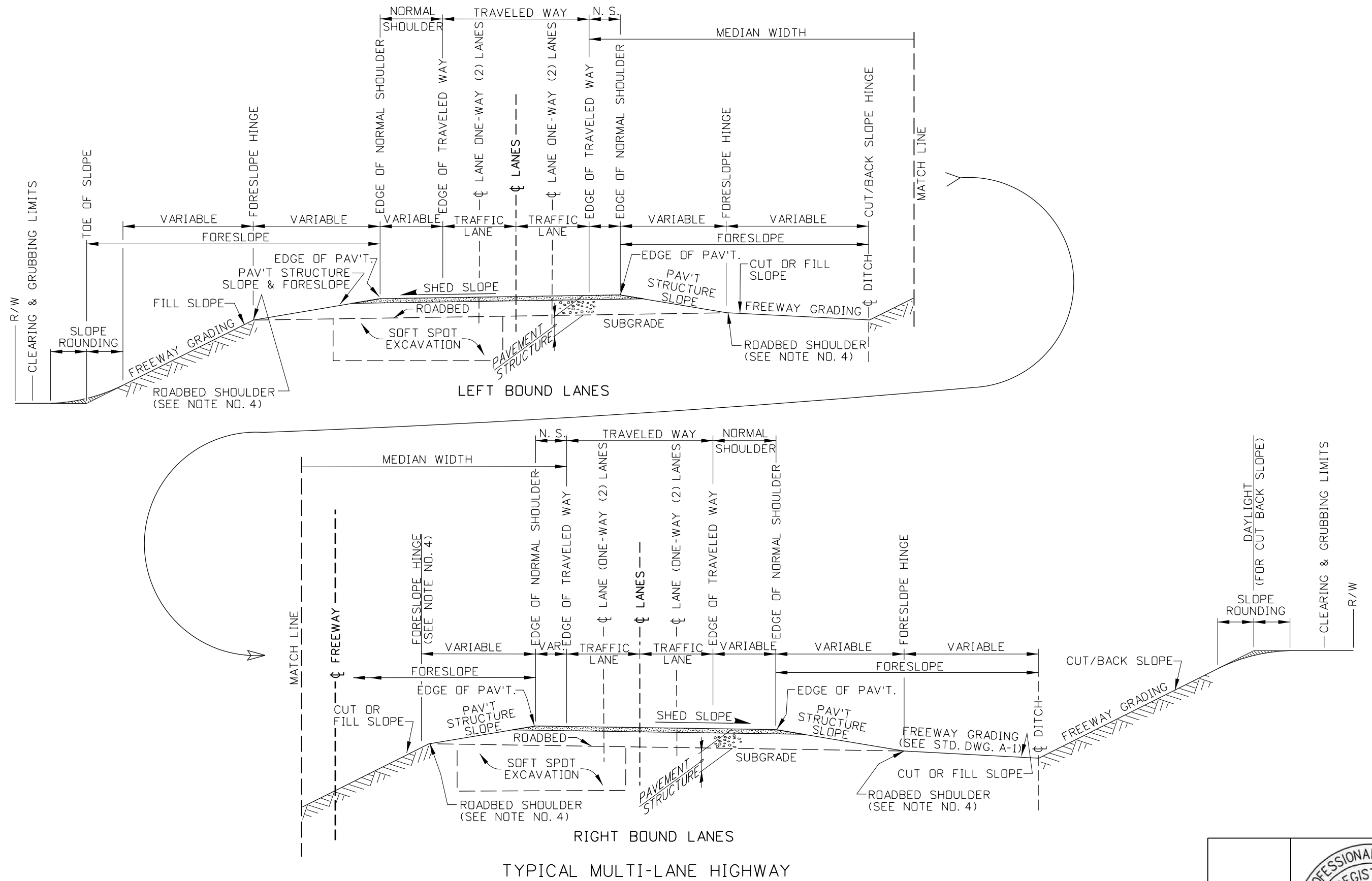


PROJECT NO.
A023(733)

STANDARD DETAIL A-9
ITD ROADWAY NOMENCLATURE LOCATIONS & EXAMPLES

English
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 2 OF 4





REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
DESIGN CHECKED
DETAILED
DRAWING CHECKED

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME a9.dgn
DRAWING DATE:

IDAHO
TRANSPORTATION
DEPARTMENT

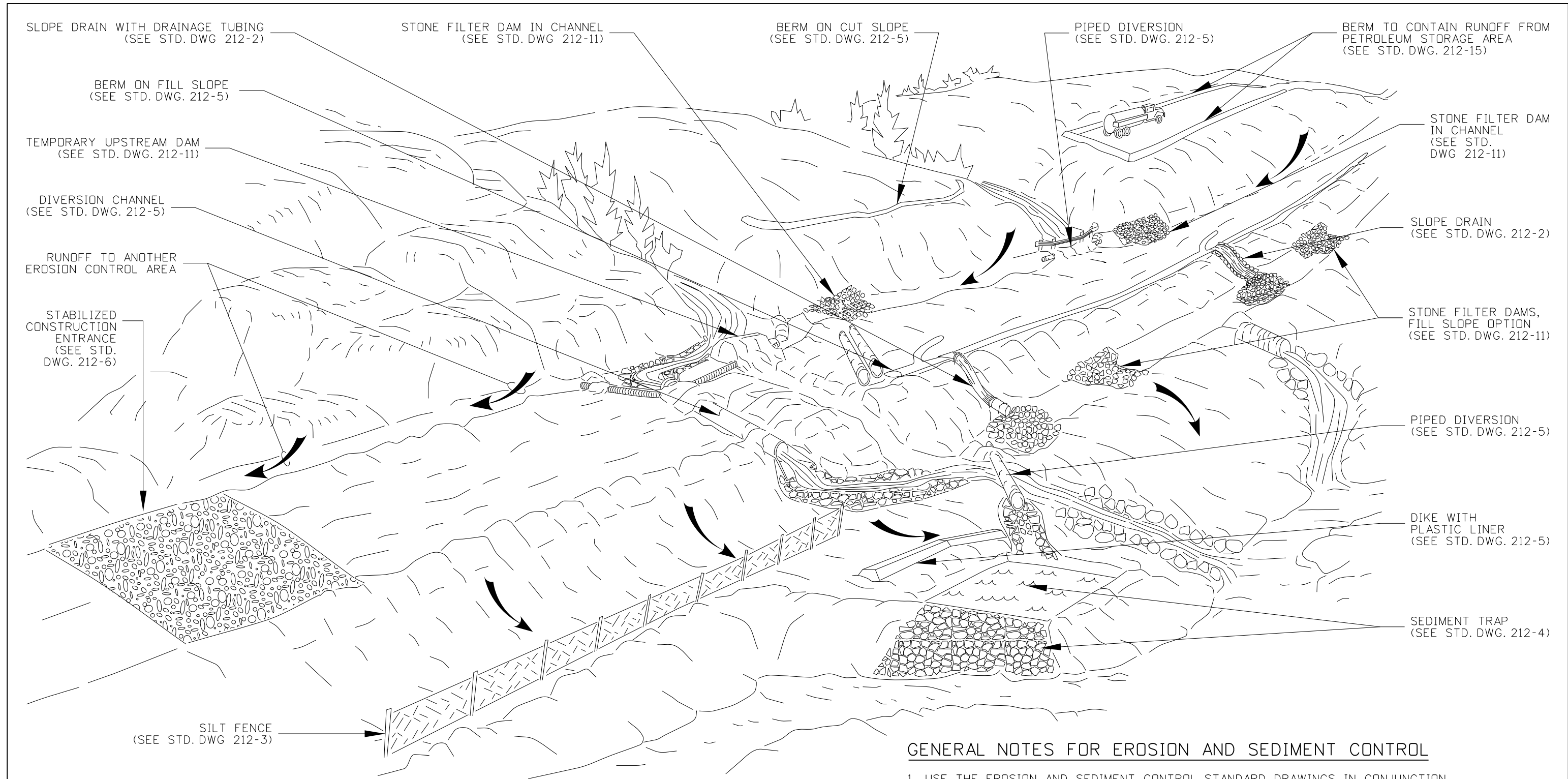


PROJECT NO.
A023(733)

STANDARD DETAIL A-9
ITD ROADWAY NOMENCLATURE LOCATIONS & EXAMPLES

English
COUNTY TWIN FALLS
KEY NUMBER 23733
SHEET 3 OF 4

PROFESSIONAL ENGINEER
REGISTERED
10208
5/15/2026
STATE OF IDAHO
STEVEN R. YEARSLEY



GENERAL NOTES FOR EROSION AND SEDIMENT CONTROL

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

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

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

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
212-01_0421.dgn
DRAWING DATE:
APRIL, 1993

IDAHO
TRANSPORTATION
DEPARTMENT



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

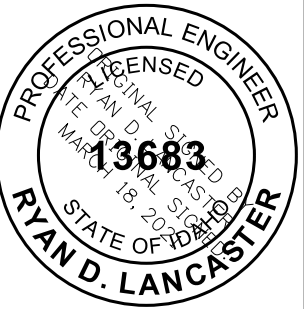
EROSION AND
SEDIMENT CONTROL
EXAMPLE APPLICATIONS

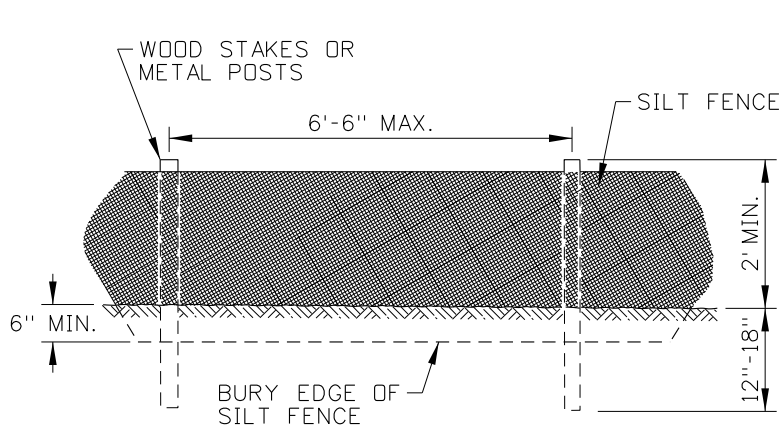
English

STANDARD DRAWING NO.

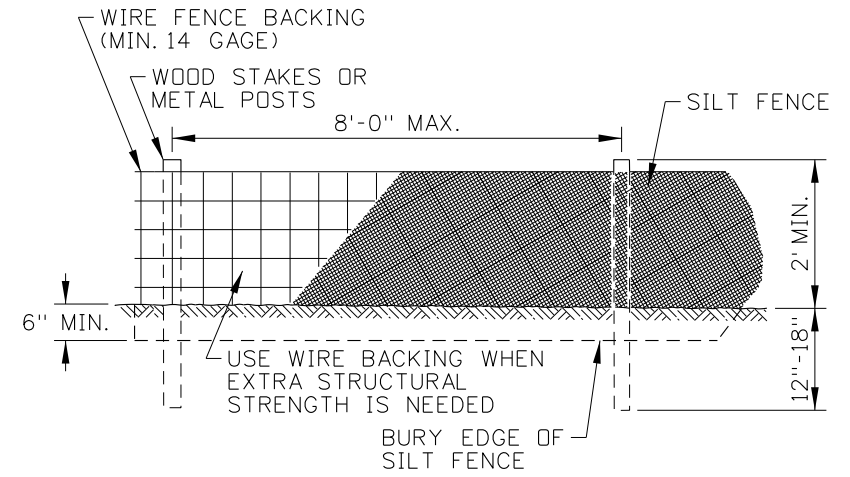
212-1

SHEET 1 OF 1

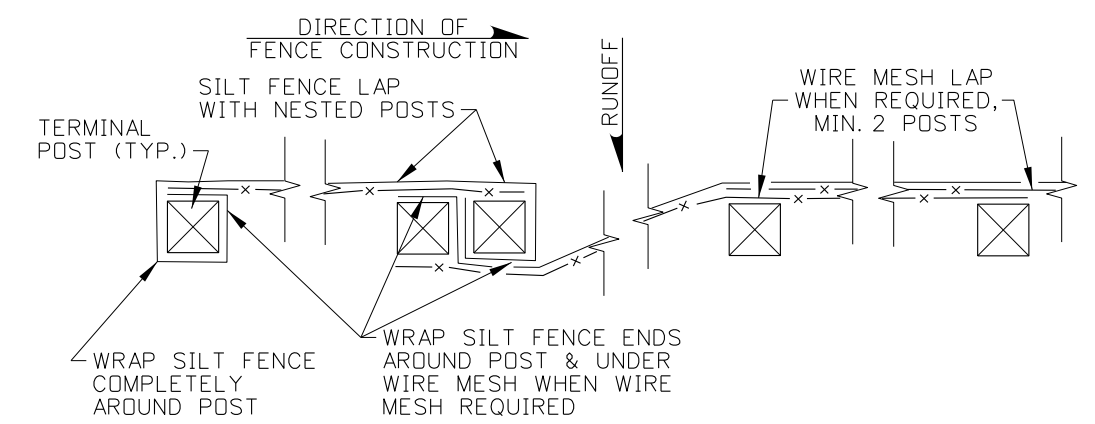




SILT FENCE (NO WIRE BACKING)



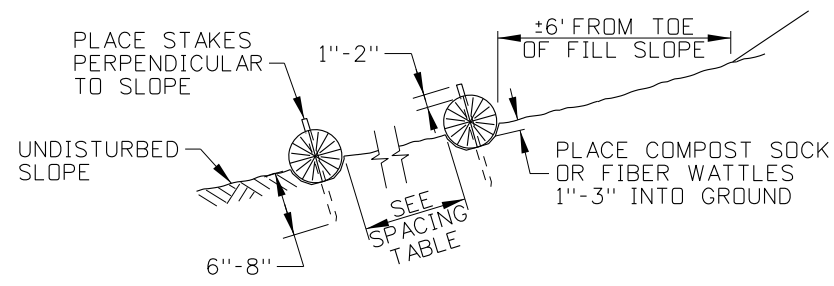
SILT FENCE (WIRE BACKING)



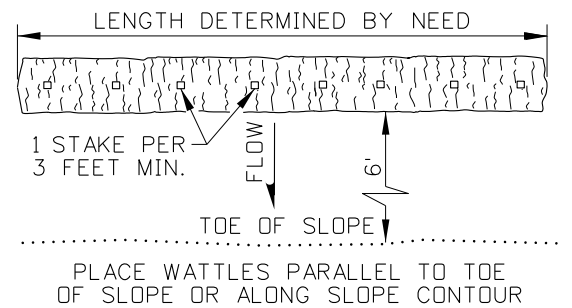
SILT FENCE LAP DETAIL

FIBER WATTLE & COMPOST SOCK SPACING TABLE				
SLOPE	WATTLE SIZE			
	6"	9"	12"	20"
1:1	5 FT	10 FT	15 FT	20 FT
2:1	10 FT	20 FT	30 FT	40 FT
3:1	15 FT	30 FT	45 FT	60 FT
4:1 OR FLATTER	20 FT	40 FT	60 FT	80 FT

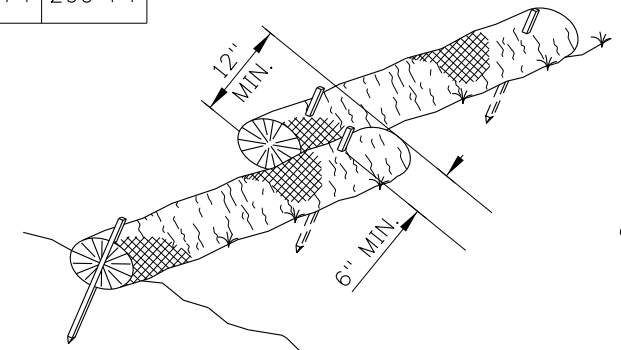
SILT FENCE SPACING TABLE				
SLOPE	SOIL TYPE			
	SILTY	CLAYS	SANDY	
1:1	50 FT	75 FT	100 FT	
2:1	75 FT	100 FT	125 FT	
4:1	100 FT	125 FT	150 FT	
10:1 OR FLATTER	125 FT	150 FT	200 FT	



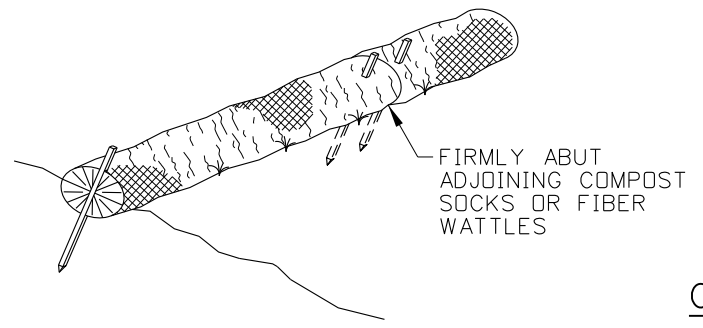
COMPOST SOCK AND FIBER WATTLE
SIDE VIEW



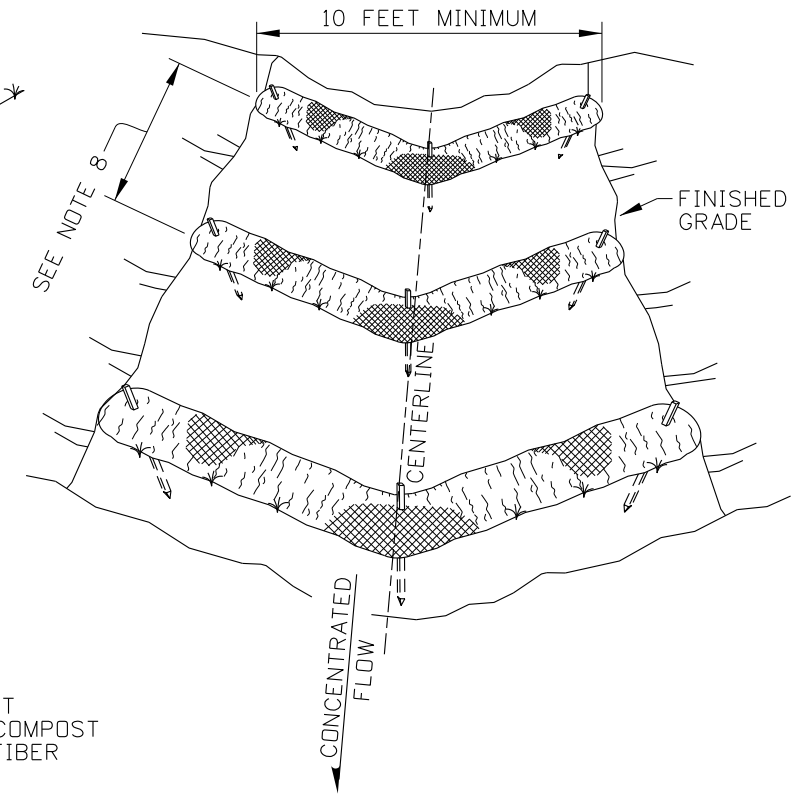
COMPOST SOCK AND FIBER WATTLE
PLAN VIEW



COMPOST SOCK AND FIBER WATTLE
OVERLAPPING DETAIL



COMPOST SOCK AND FIBER WATTLE
ABUTTING DETAIL



COMPOST SOCK AND FIBER WATTLE
TEMPORARY CHECK DAM DETAIL

NOTES

1. SEE THE GENERAL NOTES FOR EROSION CONTROL STANDARD DRAWINGS ON 212-1.
2. THE NEED FOR TEMPORARY SEDIMENT CONTROL DEVICES ARE DETERMINED BY SITE DESIGN. SPACE SILT FENCES, COMPOST SOCKS, AND FIBER WATTLES IN ACCORDANCE WITH THE SILT FENCE SPACING TABLE AND FIBER WATTLE & COMPOST SOCK SPACING TABLE.
3. INSTALL TEMPORARY SEDIMENT CONTROL BARRIERS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND SPECIFICATIONS. THE DIMENSIONS SHOWN ARE GENERAL GUIDELINES.
4. PLACE SEDIMENT BARRIERS TO FOLLOW THE SLOPE CONTOURS. USE EITHER METAL POSTS OR WOOD STAKES.
5. ENSURE RUNOFF PASSES THROUGH THE SILT FENCE AND NOT AROUND THE FENCE.
6. GROUND SILT FENCES WITH WIRE MESH IN ACCORDANCE WITH THE GROUNDING DETAIL SHOWN ON STANDARD DRAWING 610-1.
7. EXTEND OR JOIN SILT FENCE USING SILT FENCE LAP WITH NESTED POSTS.
8. SPACE CHECK DAMS ACCORDING TO THE HEIGHT OF THE DAM AND THE SLOPE OF THE CHANNEL SO THE BACKWATER FROM THE DOWNSTREAM DAM REACHES THE TOE OF THE UPSTREAM DAM.
9. ON SLOPES, TURN THE ENDS OF EACH ROW OF COMPOST SOCKS AND FIBER WATTLES UPSLOPE TO PREVENT RUNOFF FROM FLOWING AROUND THE SOCK OR WATTLE.
10. REMOVE SEDIMENT FROM THE UPSLOPE SIDE OF SILT FENCES, COMPOST SOCKS, AND FIBER WATTLES WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE BARRIER.
11. DRAWING NOT TO SCALE.

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	09-93	MSM	6	01-13	RDL		
2	12-94	MSM	7	03-21	TWF		
3	06-96	GFK					
4	10-10	KEH					
5	10-11	KEH					

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
212-03_0421.dgn

DRAWING DATE:
APRIL, 1993

IDAHO
TRANSPORTATION
DEPARTMENT



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

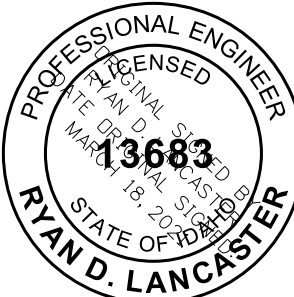
STANDARD DRAWING
TEMPORARY EROSION AND
SEDIMENT CONTROL
SILT FENCE, FIBER WATTLE,
AND COMPOST SOCK
REQUIRES STD. DWG. 212-1

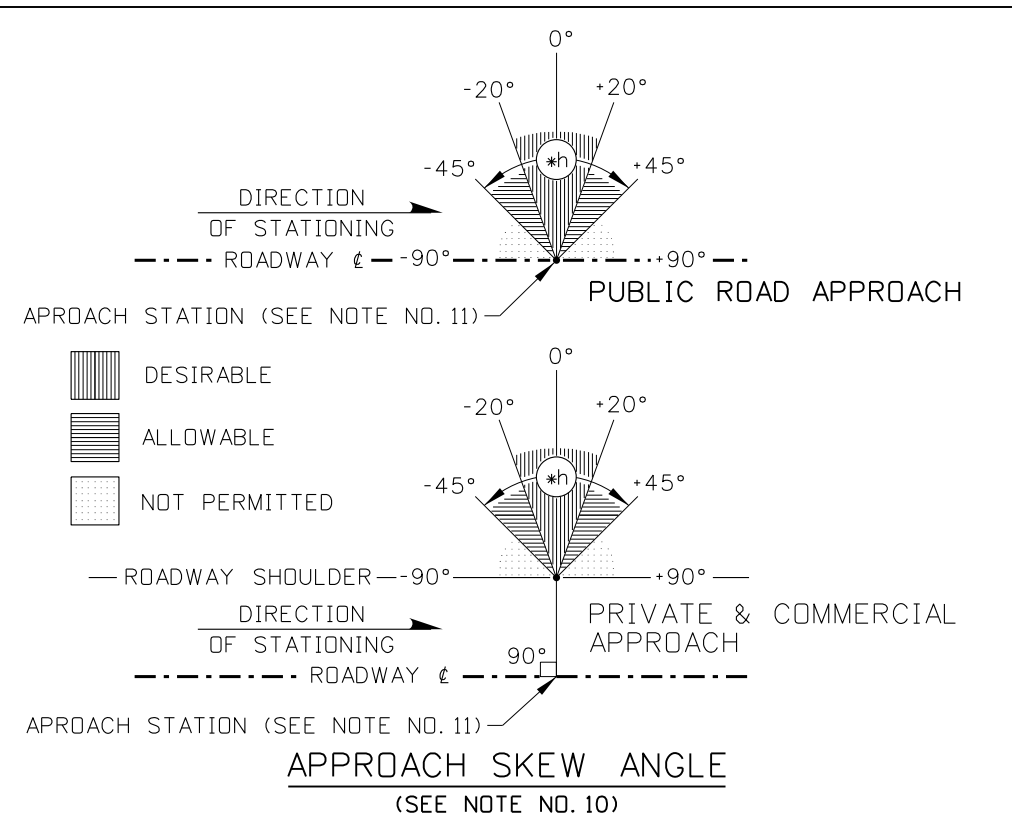
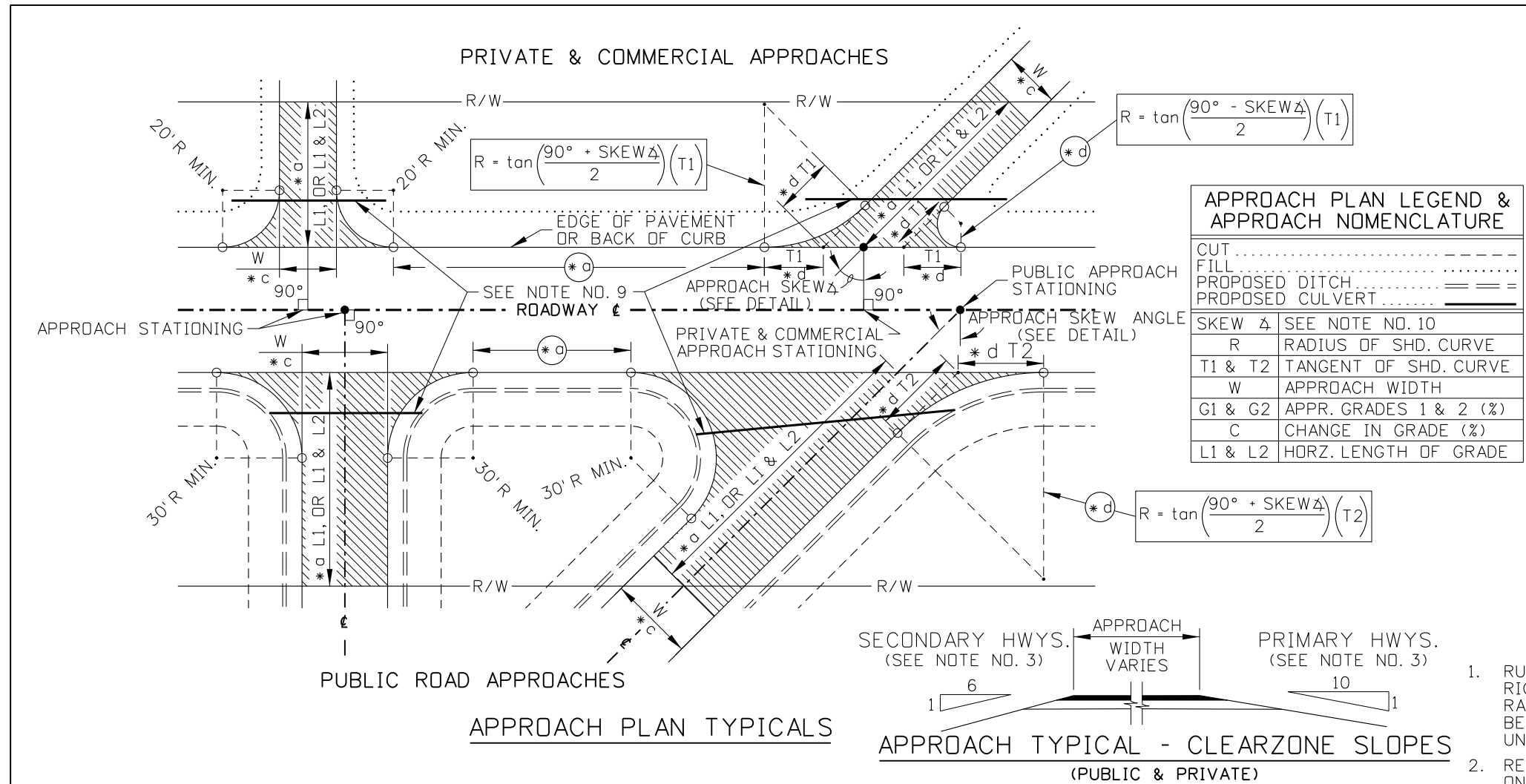
ORIGINAL STORED
AT: ITD,
Headquarters
3311 West State
Boise, Idaho

English

STANDARD DRAWING NO.
212-3

SHEET 1 OF 1



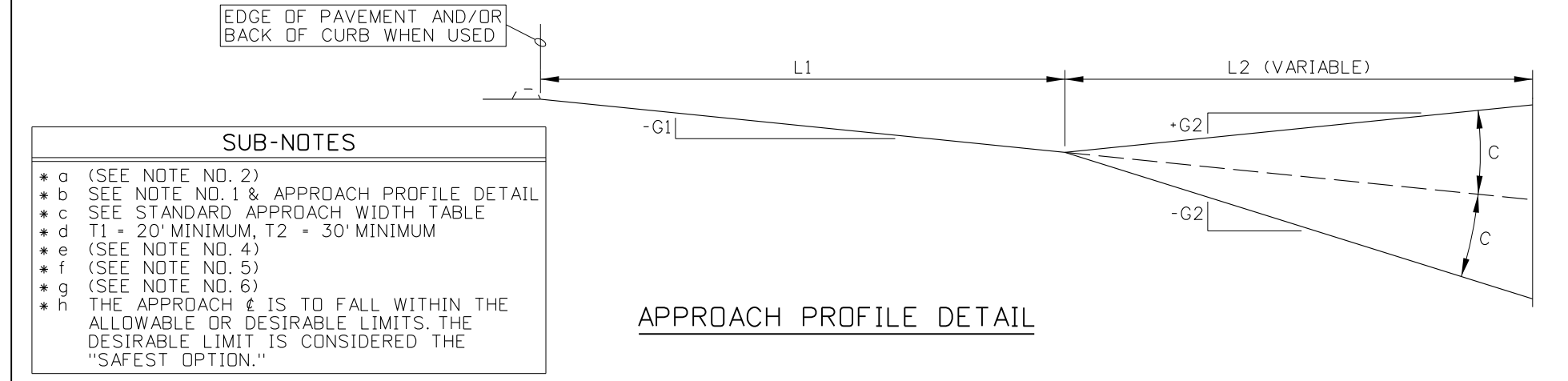


NOTES

1. RURAL PRIVATE, COMMERCIAL, AND PUBLIC APPROACHES SHALL BE PAVED TO THE RIGHT-OF-WAY LINE OR TO THE BACK OF THE SHOULDER CURVE (APPROACH RADIUS). FARMYARD AND FIELD APPROACHES THAT ARE OCCASIONALLY USED MAY BE PAVED A MINIMUM OF 5' FROM THE SHOULDER LINE. APPROACHES ON EXISTING UNPAVED HIGHWAYS ARE EXEMPT.
2. REFER TO THE ITD ADMINISTRATIVE POLICY 5005 FOR ADDITIONAL INFORMATION ON LOCATION OF APPROACHES.
3. WITHIN THE CLEARZONE THE SIDE SLOPES OF APPROACHES SHALL BE A MINIMUM OF 6:1 OF SECONDARY HIGHWAYS AND A MINIMUM OF 10:1 ON PRIMARY HIGHWAYS.
4. WHEN THE "MAXIMUM CHANGE IN GRADE" (APPROACH GRADE TABLE) "C" IS EXCEEDED, A MINIMUM 10' VERTICAL CURVE SHALL BE USED IN THE APPROACH PROFILE.
5. THE % GRADE OF "G2" SHALL BE A MAXIMUM OF 7% FOR FLAT TERRAIN, 11% FOR ROLLING TERRAIN, OR 15% FOR MOUNTAINOUS.
6. APPROACH GRADES EXCEEDING 10% ARE NOT RECOMMENDED BECAUSE EMERGENCY VEHICLES MAY BE IMPEDED.
7. THE BALLAST REQUIREMENTS OF RURAL APPROACHES SHALL BE AS SHOWN ON THE PLANS.
8. WHEN A MAILBOX TURNOUT IS INSTALLED WITH A RURAL APPROACH, STD. DWG. 405-2 IS REQUIRED.
9. ALL RURAL PRIVATE AND COMMERCIAL APPROACHES SHALL BE DESIGNED AND CONSTRUCTED IN A MANNER THAT THE APPROACH DRAINAGE IS INDEPENDENT AND DOES NOT CONTRIBUTE TO EXISTING HIGHWAY DRAINAGE. ALL RURAL PUBLIC APPROACHES SHALL BE DESIGNED AND CONSTRUCTED TO ADDRESS BOTH THE MAIN HIGHWAY AND APPROACH DRAINAGE.
10. THE APPROACH SKEW ANGLE IS THE DEFLECTION ANGLE BETWEEN A LINE PERPENDICULAR TO THE HIGHWAY CENTERLINE AND THE APPROACH CENTERLINE.
11. RURAL PRIVATE AND COMMERCIAL APPROACHES ARE REFERENCED LEFT OR RIGHT OF THE HIGHWAY CENTERLINE STATION TO THE CENTER OF THE APPROACH OPENING WHICH IS AT THE EDGE OF PAVEMENT OR BACK OF CURB. A PUBLIC APPROACH STATION OCCURS WHERE THE PUBLIC APPROACH CENTERLINE INTERSECTS THE HIGHWAY CENTERLINE.
12. NOT TO SCALE.

APPROACH GRADE TABLE				
TRAFFIC TYPE	GRADE PARAMETER		MAX. CHANGE IN GRADE	MINIMUM LENGTH L1
	G1 (RANGE)	G2 (MAX.)	C	
HIGH VOLUME (COMMERCIAL, INDUSTRIAL)	-2% TO -3%	±5%	±3%	40'
LOW VOLUME (COMMERCIAL, INDUSTRIAL)	-2% TO -5%	±8%	±6%	40'
SINGLE RESIDENTIAL, FARMYARD, FIELD	-2% TO -8%	±15% * g	VEHICLE CLEARANCE	10'
MULTIPLE RESIDENTIAL	-2% TO -8%	±15% * g	±6%	20'
PUBLIC ROAD	-2%	* f	±2%	20'

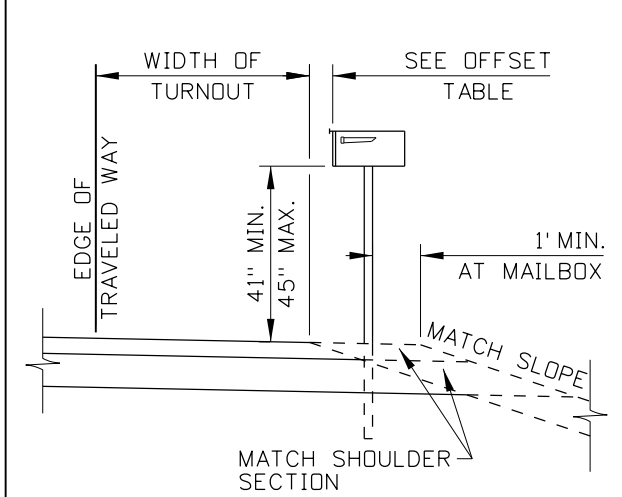
STANDARD APPROACH WIDTH TABLE				
APPR. TYPE	POSTED SPEED (mph)	≤35		≥35
	MIN./MAX. WIDTH	MIN.	MAX.	MIN. MAX.
MULTIPLE RESIDENTIAL		28'	40'	28' 40'
SINGLE RESIDENTIAL, FARMYARD, FIELD		12'	40'	20' 40'
COMMERCIAL (ONE-WAY)		15'	30'	20' 30'
COMMERCIAL (TWO-WAY)		25'	40'	25' 40'
PUBLIC ROAD		28'	N/A	28' N/A



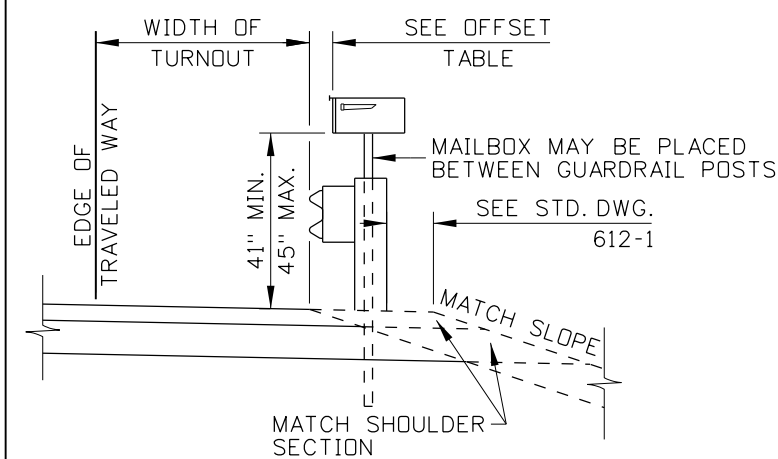
REVISIONS								SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT	ORIGINAL SIGNED BY: LOREN THOMAS ASSISTANT CHIEF ENGINEER (DEVELOPMENT)	ORIGINAL SIGNED BY: STEVEN HUTCHINSON CHIEF ENGINEER	STANDARD DRAWING		English STANDARD DRAWING NO. 405-1 SHEET 1 OF 1	
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY				RURAL APPROACHES			
1	01-00	MSM	6	12-05	MSM										
2	01-02	MSM	7	06-07	MSM										
3	07-02	MSM													
4	10-02	MSM													
5	08-04	MSM													

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

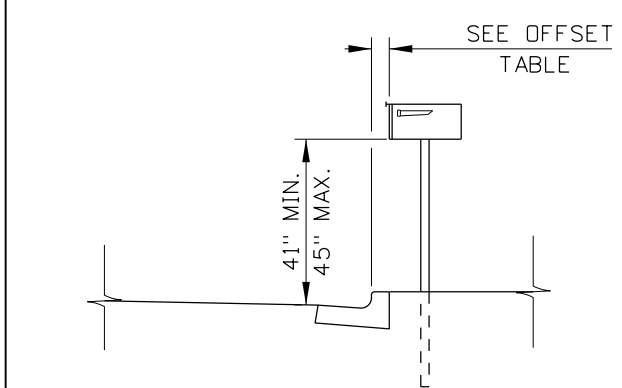
PROFESSIONAL ENGINEER * LAND SURVEYOR
MILFORD MILLER
STATE OF IDAHO
JUN 19, 2007
2240



INSTALLATION AT MAILBOX TURNOUT



INSTALLATION BEHIND GUARDRAIL



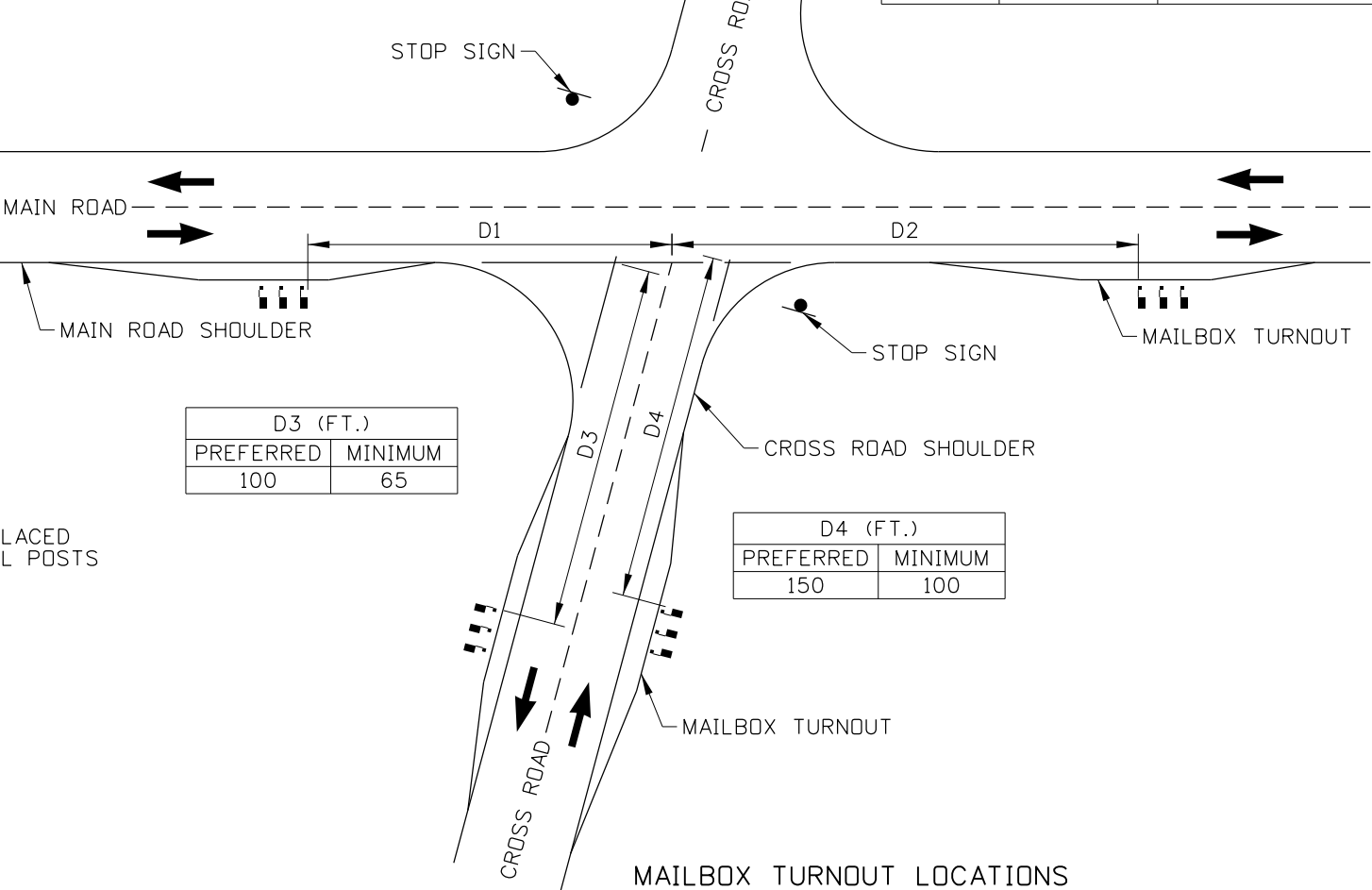
INSTALLATION ON CURBED RESIDENTIAL STREET

TYPICAL MAILBOX INSTALLATIONS

THROUGH ROAD SPEED (MPH)	* D1 (FT.)	
	$nV_c V_m \leq 4000$	$nV_c V_m > 4000$
35	65	200
>55	65	295

THROUGH ROAD SPEED (MPH)	* D2 (FT.)		
	$V_c \leq 50$	$50 < \frac{V_c}{1.5n-0.5} \leq 400$	$\frac{V_c}{1.5n-0.5} > 400$
35	65	100	100
>55	150	150	200

* n = NUMBER OF MAILBOXES AT MAIL STOP
 V_c = ADT ON CROSS ROAD
 V_m = ADT ON MAIN ROAD



MAILBOX TURNOUT LOCATIONS

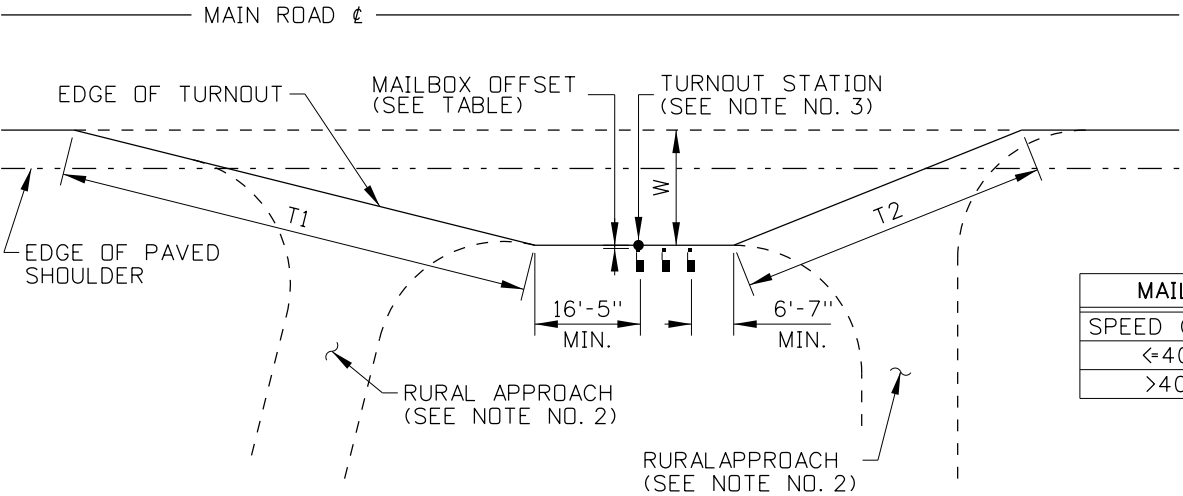
D3 (FT.)	
PREFERRED	MINIMUM
100	65

D4 (FT.)	
PREFERRED	MINIMUM
150	100

TURNOUT WIDTH AND MAILBOX OFFSET TABLE				
ADT	TURNOUT WIDTH (FT.)		MAILBOX OFFSET (IN.)	
	PREFERRED	MINIMUM	PREFERRED	MINIMUM
>10,000	>12	8	6 TO 8	0
1,500 TO 10,000	12	8		
400 TO 1,500	10	8		
<400	8	6		6
RESIDENTIAL STREET (NO CURB)	6	0		
RESIDENTIAL STREET (WITH CURB)	NOT APPLICABLE		8 TO 12	6

NOTES

1. LOCATE MAILBOX TURNOUT SO THAT THE TAPERS DO NOT OVERLAP THE INTERSECTION CURVE RADII.
2. CONSTRUCT MAILBOX ASSEMBLIES IN ACCORDANCE WITH STANDARD DRAWING 634-1. CONSTRUCT RURAL APPROACHES IN ACCORDANCE WITH STANDARD DRAWING 405-1.
3. MEASURE MAILBOX TURNOUT STATION AND OFFSET AT THE EDGE OF THE TURNOUT PERPENDICULAR TO THE FIRST MAILBOX.
4. NOT TO SCALE.



MAILBOX TAPER		
SPEED (MPH)	T1	T2
<=40	4:1	2.5:1
>40	20:1	12:1

MAILBOX TURNOUT

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	11-02	MSM					
2	06-05	MSM					
3	01-13	RDL					

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 405-2_0213.dgn
DRAWING DATE: SEPTEMBER, 1993

IDAHO
TRANSPORTATION
DEPARTMENT

BOISE IDAHO

ORIGINAL SIGNED BY: LOREN THOMAS
HIGHWAYS PROGRAM OVERSIGHT ENGINEER

ORIGINAL SIGNED BY: TOM COLE
CHIEF ENGINEER

STANDARD DRAWING

MAILBOX TURNOUT

REQUIRES STD. DWG. 405-1

English

STANDARD DRAWING NO.
405-2

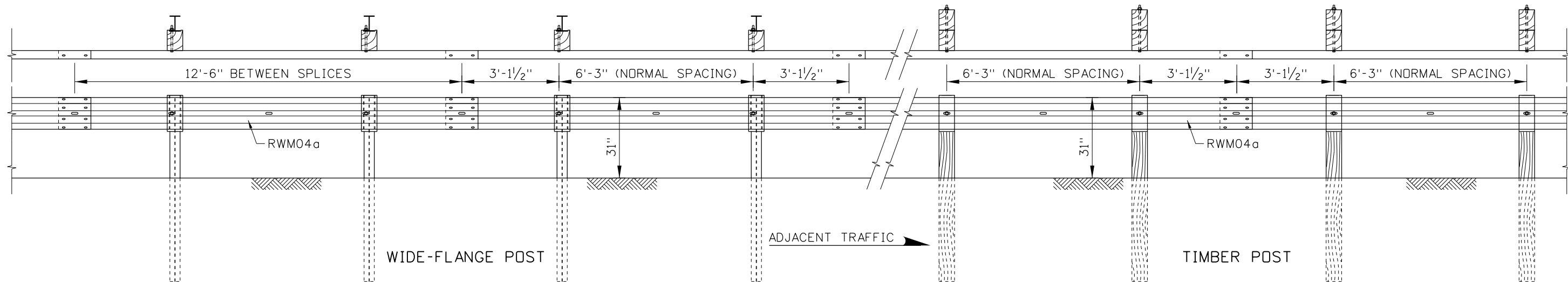
SHEET 1 OF 1

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

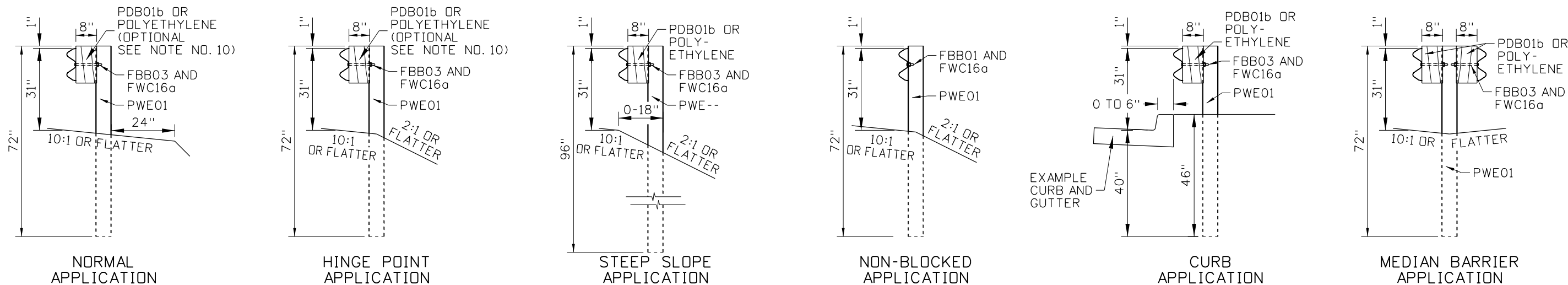
PROFESSIONAL ENGINEER

13683

RYAN D. LANCASTER

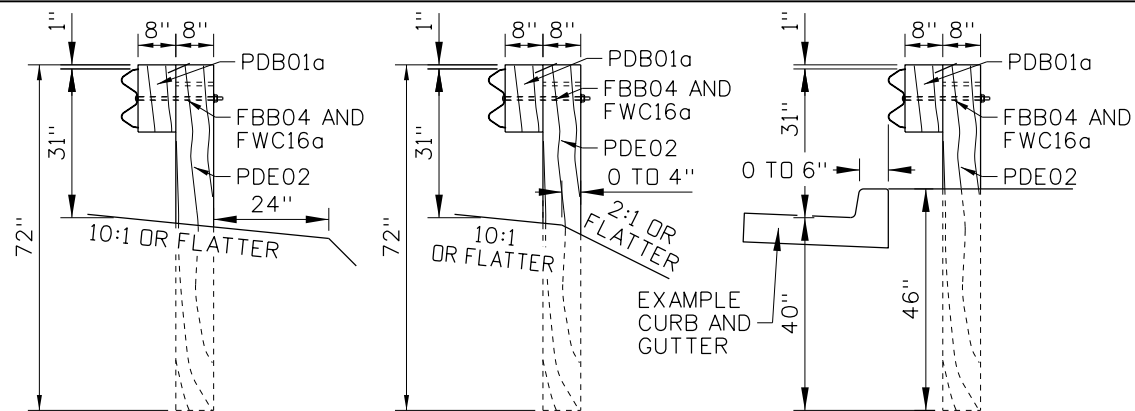


31" W-BEAM GUARDRAIL

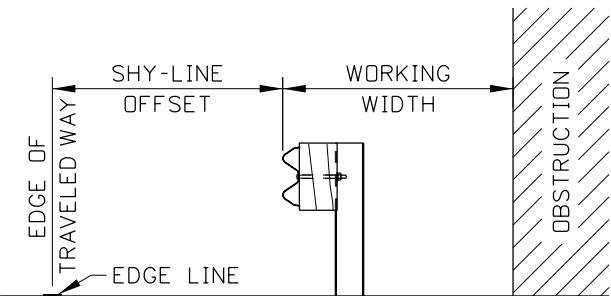


WIDE-FLANGE POST APPLICATIONS

SEE NOTE NOS. 3 AND 11



TIMBER POST APPLICATIONS
SEE NOTE NOS. 3 AND 11



PLACEMENT DETAIL
SEE NOTE NOS. 4 THROUGH 7

SHY-LINE OFFSET AND FLARE RATE TABLE			
DESIGN SPEED (MPH)	SHY-LINE OFFSET (FT)	BARRIER FLARE RATE	
		INSIDE SHY LINE	AT OR BEYOND SHY LINE
80	12	30:1	15:1
70	9	30:1	15:1
60	8	26:1	14:1
55	7	24:1	12:1
50	6.5	21:1	11:1
45	6	18:1	10:1
40	5	16:1	8:1
30	4	13:1	7:1

DEFLECTION TABLE		
APPLICATION	POST SPACING	WORKING WIDTH
NORMAL SPACING	6'-3"	54"
1/2 SPACING	3'-1 1/2"	46"
1/4 SPACING	1'-6 3/4"	38"
STEEP SLOPE	6'-3"	56"
HINGE POINT	6'-3"	78"
LONG SPAN	≤ 25'	96"

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	08-18	RDL					
2	03-19	RDL					
3	03-20	RDL					

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 612-1_0420.dgn
DRAWING DATE: JUNE, 2017

IDAHO
TRANSPORTATION
DEPARTMENT



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

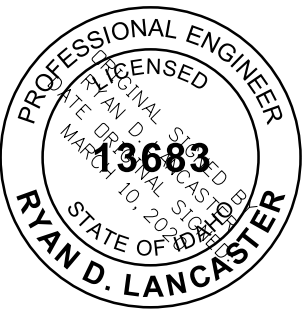
31" W-BEAM GUARDRAIL

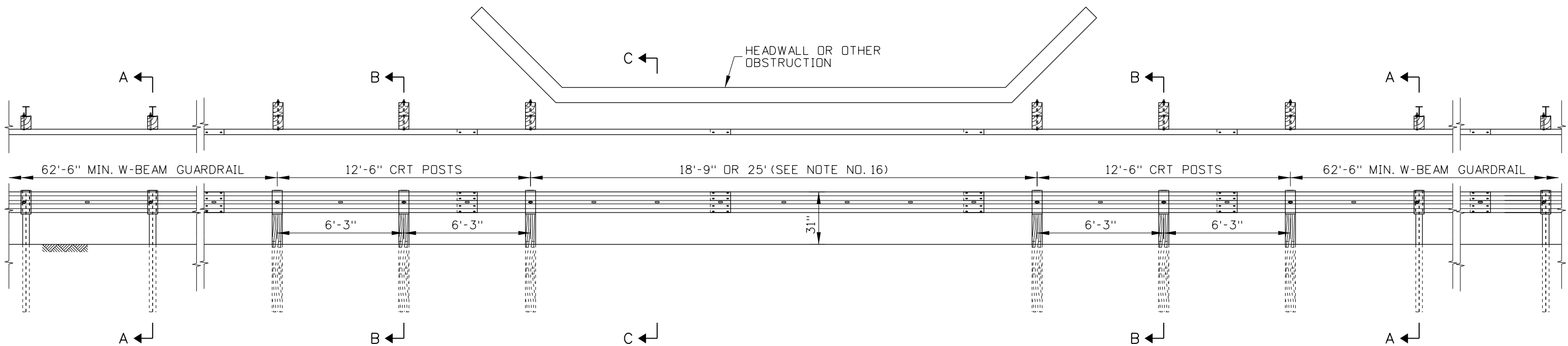
English

STANDARD DRAWING NO.
612-1

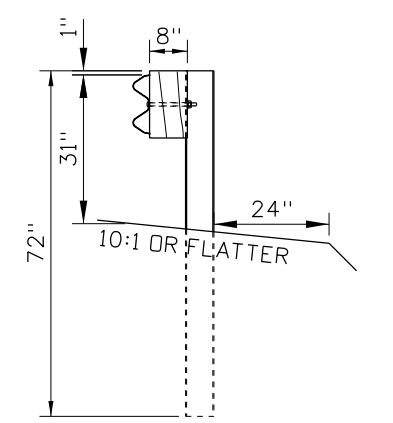
SHEET 1 OF 5

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

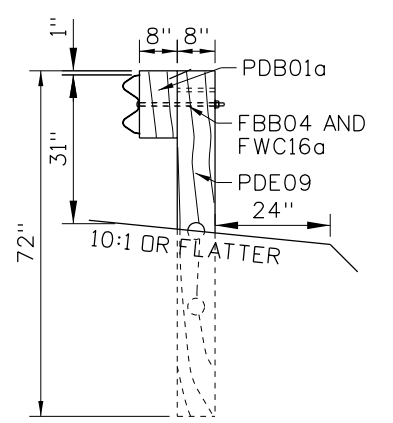




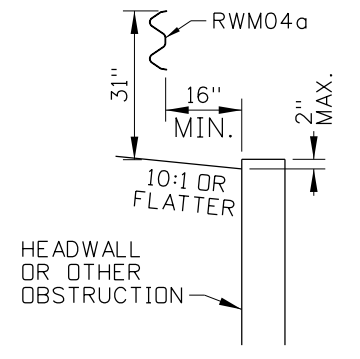
31" LONG-SPAN APPLICATION
SEE NOTE NOS. 17 AND 18



SECTION A-A
WIDE-FLANGE OR TIMBER POST



SECTION B-B



SECTION C-C

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	08-18	RDL						
2	03-19	RDL						
3	03-20	RDL						

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
612-1_0420.dgn

DRAWING DATE:
JUNE, 2017

IDAHO
TRANSPORTATION
DEPARTMENT



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

31" W-BEAM GUARDRAIL

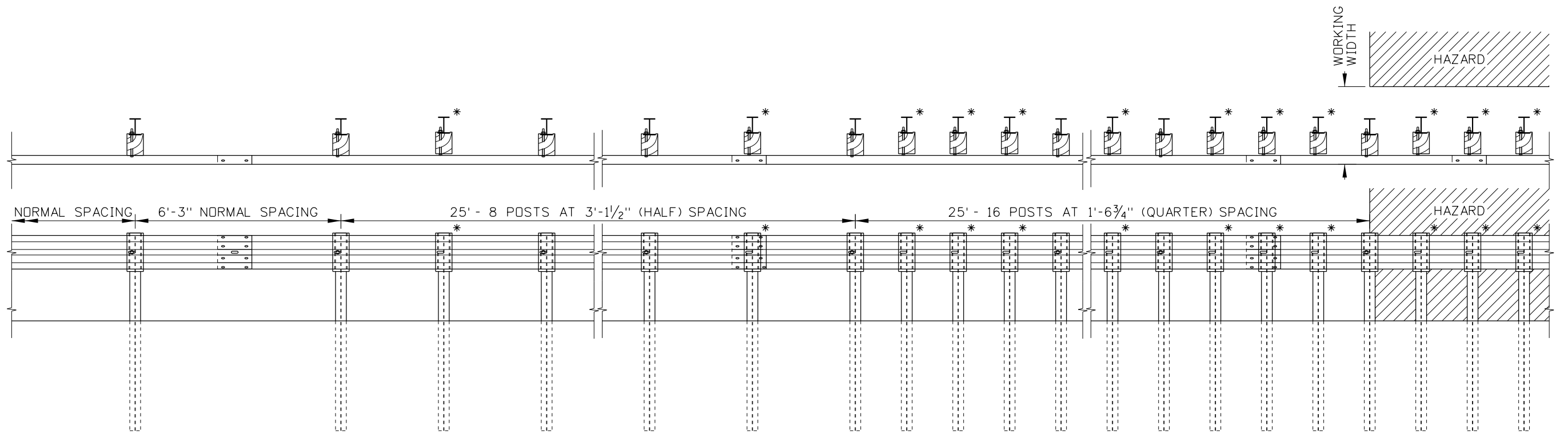
English

STANDARD DRAWING NO.
612-1

SHEET 2 OF 5

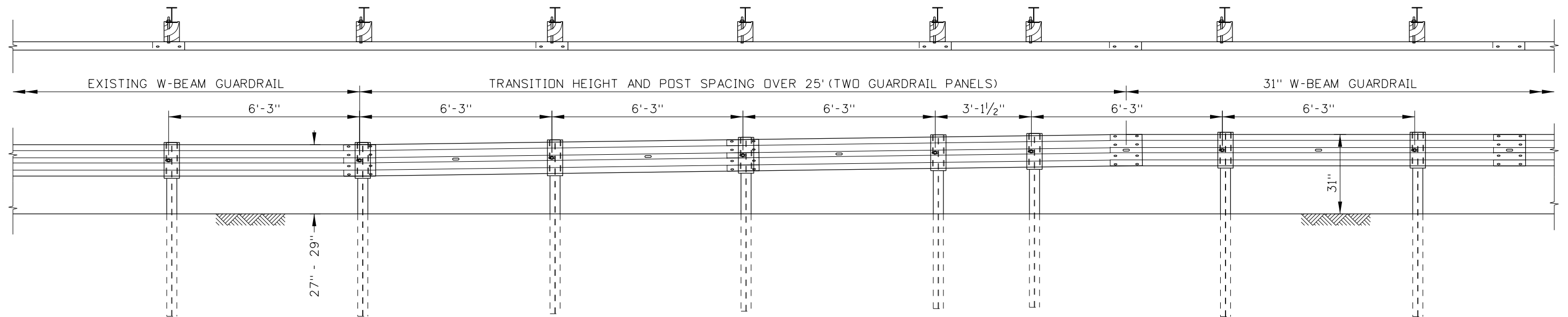
ORIGINAL STORED
AT: ITD,
Headquarters
3311 West State
Boise, Idaho

PROFESSIONAL ENGINEER
LICENSED
STATE OF IDAHO
13683
RYAN D. LANCASTER
STATE OF IDAHO
MARCH 10, 2022



REDUCED POST SPACING
SEE NOTE NO. 7

LEGEND:
* EXTRA POSTS.
BOLT BLOCKOUT TO POST, BUT
DO NOT BOLT TO GUARDRAIL



TRANSITION TO 31" W-BEAM GUARDRAIL
SEE NOTE NO. 19

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	08-18	RDL						
2	03-19	RDL						
3	03-20	RDL						

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
612-1_0420.dgn

DRAWING DATE:
JUNE, 2017

**IDAHO
TRANSPORTATION
DEPARTMENT**



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

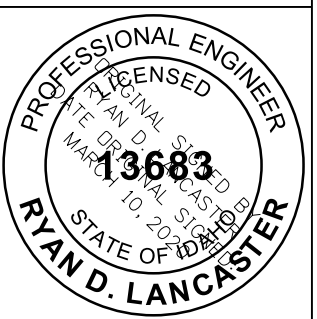
31" W-BEAM GUARDRAIL

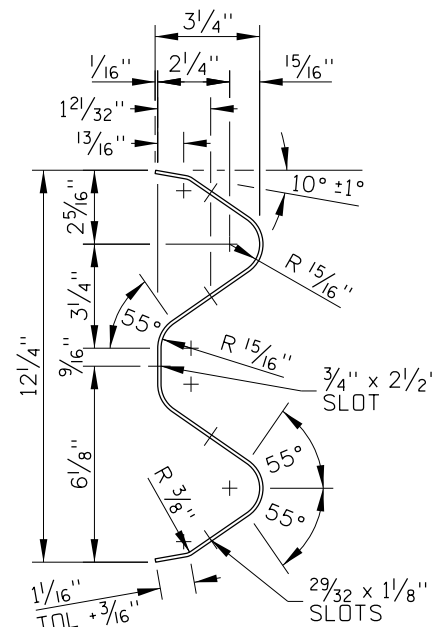
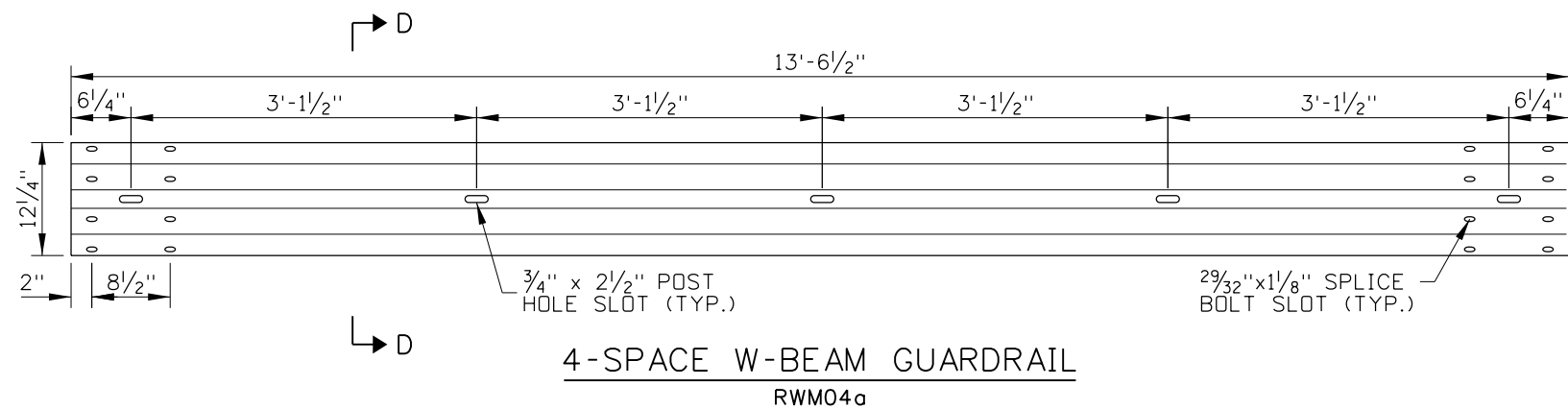
ORIGINAL STORED
AT: ITD,
Headquarters
3311 West State
Boise, Idaho

English

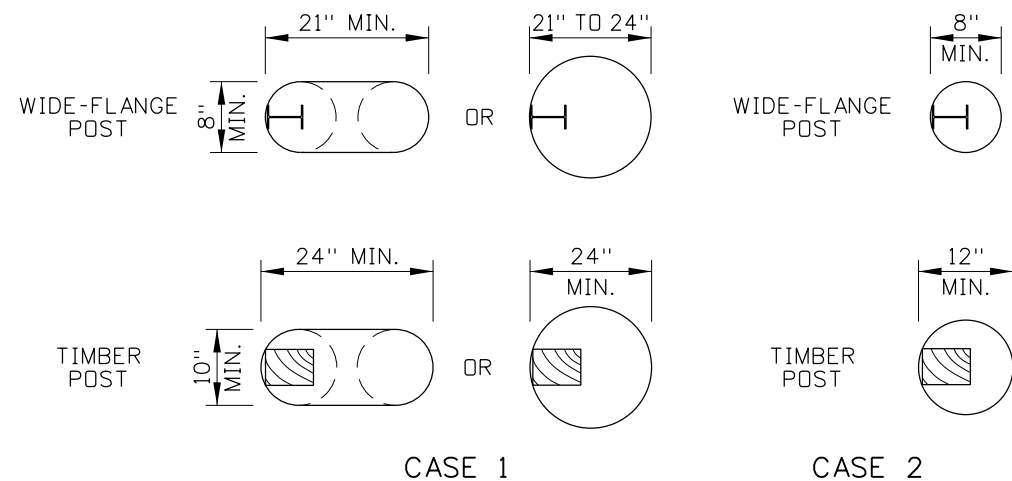
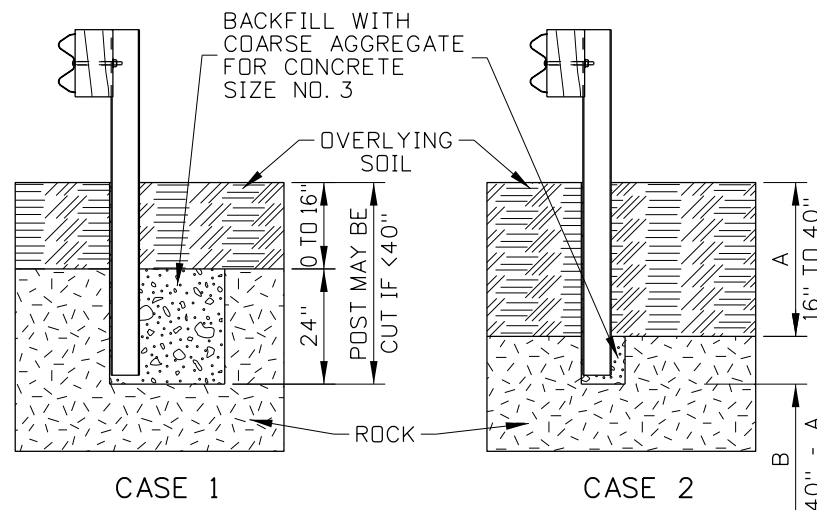
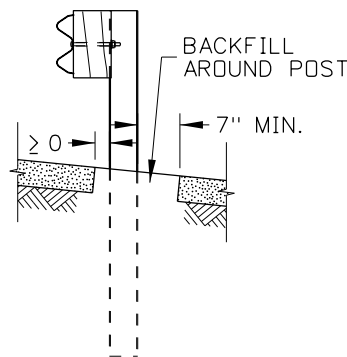
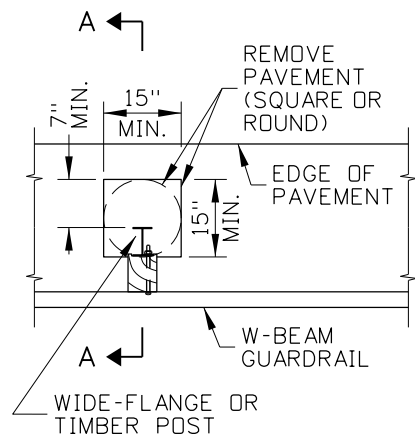
STANDARD DRAWING NO.
612-1

SHEET 3 OF 5





31" W-BEAM GUARDRAIL HARDWARE COMPONENTS TABLE		
COMPONENT DESCRIPTION	WIDE-FLANGE POST	TIMBER POST
4-SPACE W-BEAM GUARDRAIL	RWM04a	RWM04a
WIDE-FLANGE GUARDRAIL POSTS	PWE01, PWE--	-
TIMBER GUARDRAIL POSTS	-	PDE02
CRT TIMBER GUARDRAIL POST	-	PDE09
W-BEAM BLOCKOUT	PDB01b OR POLYETHYLENE	PDB01a
5/8" GUARDRAIL SPLICE BOLT AND RECESSED NUT	FBB01	FBB01
5/8" GUARDRAIL BOLT AND RECESSED NUT	FBB03	FBB04
5/8" PLAIN ROUND WASHER	FWC16a	FWC16a
16D GALVANIZED NAIL	-	N/A



GUARDRAIL POST IN PAVEMENT
SEE NOTE NO. 9

GUARDRAIL POST IN ROCK FORMATION
SEE NOTE NO. 9

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	08-18	RDL						
2	03-19	RDL						
3	03-20	RDL						

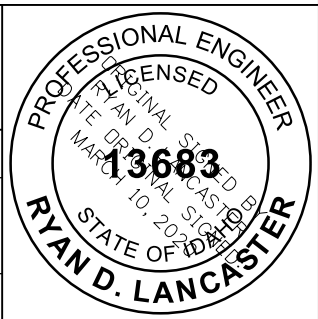
SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 612-1_0420.dgn
DRAWING DATE: JUNE, 2017

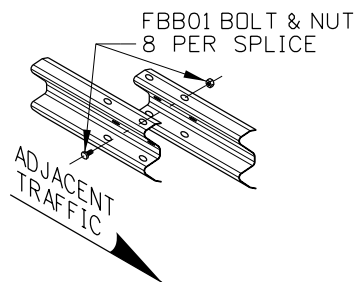
IDAHO TRANSPORTATION DEPARTMENT
BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN DESIGN/TRAFFIC SERVICES ENGINEER
--

STANDARD DRAWING
31" W-BEAM GUARDRAIL

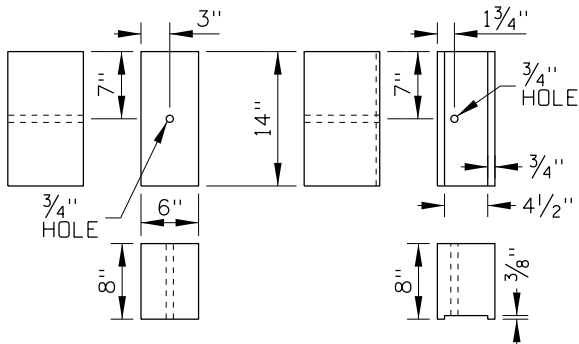
ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho
English
STANDARD DRAWING NO. 612-1
SHEET 4 OF 5





W-BEAM SPLICE DETAIL

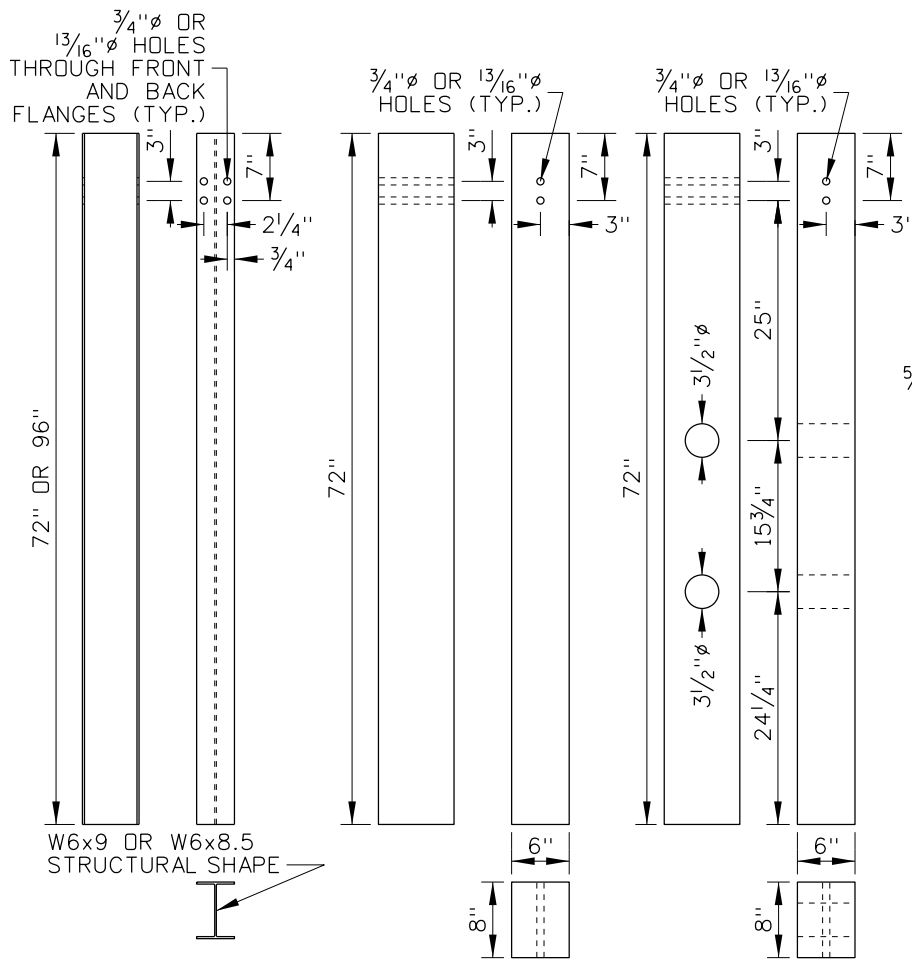
SEE NOTE NO. 14



PDB01a

PDB01b

W-BEAM TIMBER BLOCKOUTS

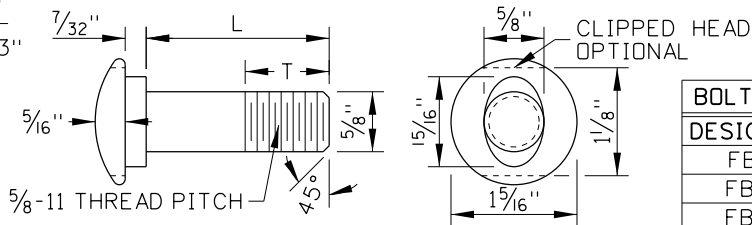


WIDE-FLANGE
PWE01, PWE--

TIMBER
PDE02, PDE--

CRT TIMBER POST
PDE09

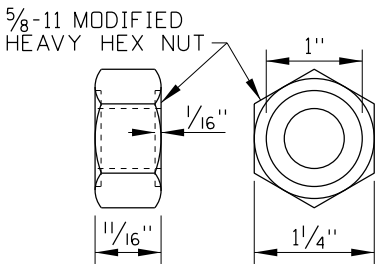
GUARDRAIL POSTS



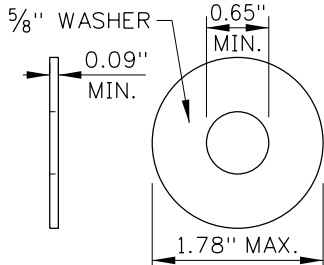
GUARDRAIL BOLT (BUTTON-HEADED)

FBB01, FBB03, FBB04

BOLT DIMENSION TABLE		
DESIGNATOR	L	T
FBB01	1 1/4"	1 1/8"
FBB03	10"	1 3/4"
FBB04	18"	4"



RECESSED NUT



PLAIN ROUND WASHER

FWC16a

NOTES

1. THE 31" W-BEAM GUARDRAIL SYSTEM SHOWN IS A MASH TEST LEVEL 3 BARRIER SYSTEM.
2. PROVIDE BARRIER HARDWARE AS SHOWN AND AS SPECIFIED IN THE PUBLICATION "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE." WHERE THE GUIDE AND PLANS CONFLICT, PROVIDE HARDWARE COMPONENTS AS SHOWN ON THE PLANS.
3. INSTALL GUARDRAIL AS SHOWN IN THE NORMAL APPLICATION UNLESS OTHERWISE INDICATED ON THE PROJECT PLANS. THE CURB APPLICATIONS CAN BE USED WITH ANY OF THE CURB AND GUTTER OR CURB TYPES SHOWN ON THE CURB AND GUTTER STANDARD DRAWING.
4. PLACE 31" W-BEAM GUARDRAIL AS FAR FROM THE TRAVELED WAY AS PRACTICAL. WHERE PRACTICAL PROVIDE THE SHY-LINE OFFSET DISTANCE SHOWN IN THE SHY-LINE OFFSET TABLE.
5. WHERE PRACTICAL, FLARE THE 31" W-BEAM GUARDRAIL AWAY FROM THE TRAVELED WAY. SEE THE SHY-LINE OFFSET AND FLARE RATE TABLE.
6. PROVIDE ADEQUATE DEFLECTION DISTANCE TO OBSTRUCTIONS BEHIND THE GUARDRAIL BY PROVIDING THE WORKING WIDTH SHOWN ON THE PLACEMENT DETAIL AND IN THE DEFLECTION TABLE.
7. DECREASE DEFLECTION BY REDUCING POST SPACING. INTRODUCE EACH REDUCTION IN POST SPACING OVER 25' OR MORE. DO NOT BOLT THE GUARDRAIL TO THE EXTRA POSTS.
8. WIDE-FLANGE OR TIMBER POSTS MAY BE USED UNLESS OTHERWISE INDICATED ON THE PROJECT PLANS. USE THE SAME POST MATERIAL FOR THE PROJECT LENGTH (EXCEPT IN THE 31" LONG-SPAN APPLICATION).
9. REMOVE PAVEMENT AND ROCK AROUND GUARDRAIL POSTS.
10. USE TIMBER OR POLYETHYLENE BLOCKOUTS WITH WIDE-FLANGE POSTS. USE TIMBER BLOCKOUTS WITH TIMBER POSTS. USE THE SAME BLOCKOUT MATERIAL FOR THE PROJECT LENGTH (EXCEPT IN THE 31" LONG-SPAN APPLICATION). THE WIDE-FLANGE POST NORMAL APPLICATION CAN BE CONSTRUCTED WITHOUT BLOCKOUTS IF INDICATED ON THE PROJECT PLANS OR IF APPROVED BY THE ENGINEER.
11. INSTALL THE BLOCKOUT AND W-BEAM GUARDRAIL USING THE HOLE 7" FROM THE TOP OF THE POST. THE HIGHER HOLE IS RESERVED FOR FUTURE GUARDRAIL HEIGHT ADJUSTMENT.
12. NAIL TIMBER BLOCKOUTS TO TIMBER POSTS TO RESTRICT BLOCK ROTATION. NAIL THROUGH THE SIDES OF THE BLOCKOUT AND POST.
13. WHEN WIDE-FLANGE POSTS ARE USED AND WHEN PRACTICAL, INSTALL THE BOLT (FBB03) ON THE UPSTREAM SIDE OF THE POST IN RELATION TO THE ADJACENT TRAFFIC.
14. SPLICE 31" W-BEAM GUARDRAIL BETWEEN POSTS. OVERLAP SPLICES SO THAT THE EXPOSED W-BEAM EDGE IS DOWNSTREAM OF THE ADJACENT TRAFFIC.
15. BEGIN AND END 31" W-BEAM GUARDRAIL WITH A TERMINAL, ANCHOR, OR TRANSITION. CONSTRUCT TERMINALS OR TRANSITIONS USING THE SAME POST MATERIAL AS THE GUARDRAIL WHEN PRACTICAL. SOME ANCHORS AND TERMINALS ARE ONLY AVAILABLE WITH TIMBER OR WIDE-FLANGE POSTS.
16. DELINEATE GUARDRAILS WITH TYPE 9 DELINEATORS. SEE THE DELINEATOR STANDARD DRAWING FOR DELINEATOR SPACING.
17. ONE POST CAN BE OMITTED WITHOUT OTHER MODIFICATION IF APPROVED BY THE ENGINEER. THE LONG-SPAN APPLICATION CAN BE USED WHERE TWO POSTS (18'-9" SPAN) OR THREE POSTS (25' SPAN) ARE OMITTED.
18. WHEN THE LONG-SPAN APPLICATION (18'-9", OR 25') IS USED, INSTALL THREE CRT TIMBER POSTS (PDE09) WITH TIMBER BLOCKOUTS ADJACENT TO THE UPSTREAM AND DOWNSTREAM ENDS OF THE UNSUPPORTED SECTION. DO NOT NEST THE 4-SPACE W-BEAM GUARDRAIL IN THE UNSUPPORTED SECTION. INSTALL AT LEAST 62'-6" OF 31" W-BEAM GUARDRAIL UPSTREAM AND DOWNSTREAM OF THE CRT POSTS.
19. WHEN CONNECTING TO EXISTING GUARDRAIL, TRANSITION THE GUARDRAIL HEIGHT TO 31". REPLACE THE EXISTING W-BEAM GUARDRAIL IF THE TOP OF GUARDRAIL HEIGHT IS LESS THAN 27".
20. DRAWING NOT TO SCALE.

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	08-18	RDL						
2	03-19	RDL						
3	03-20	RDL						

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
612-1_0420.dgn
DRAWING DATE:
JUNE, 2017

IDAHO
TRANSPORTATION
DEPARTMENT



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

31" W-BEAM GUARDRAIL

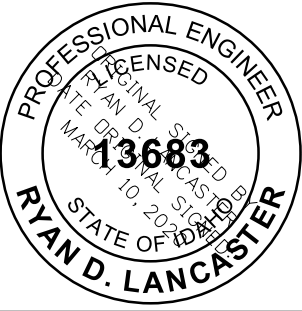
English

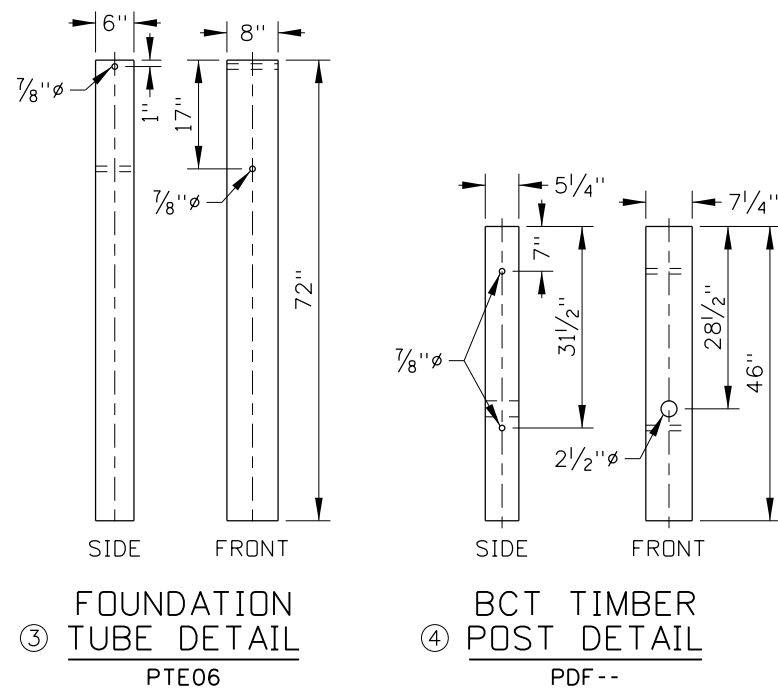
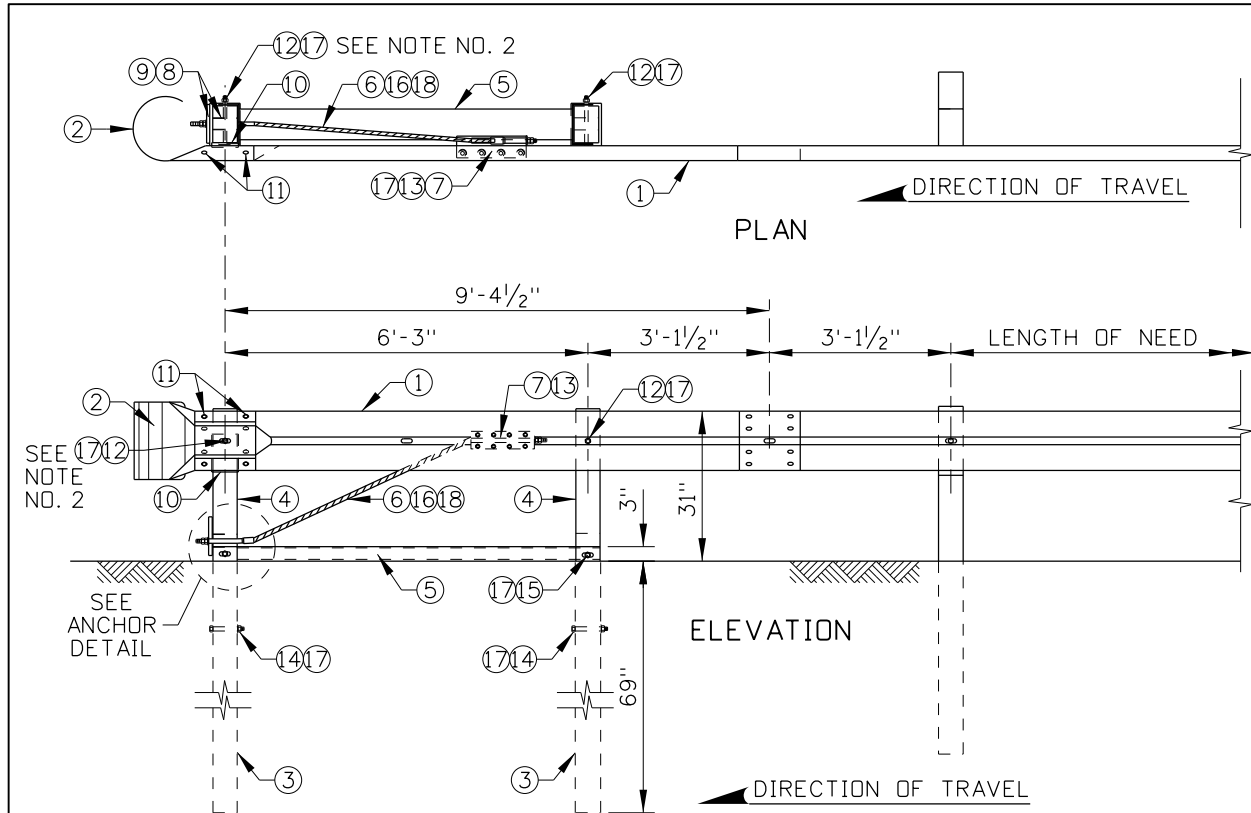
STANDARD DRAWING NO.

612-1

SHEET 5 OF 5

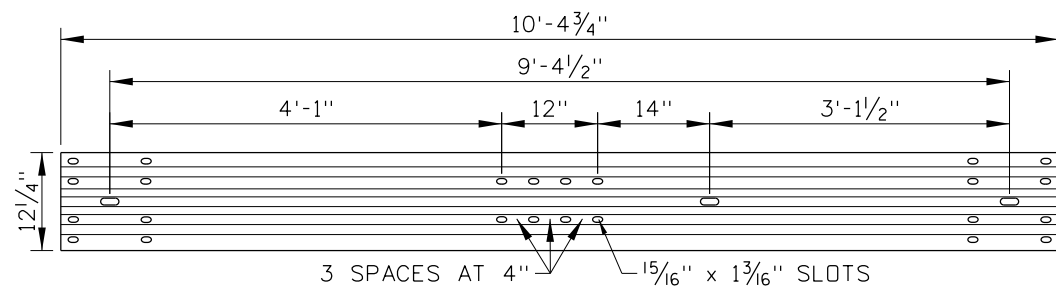
ORIGINAL STORED
AT: ITD,
Headquarters
3311 West State
Boise, Idaho



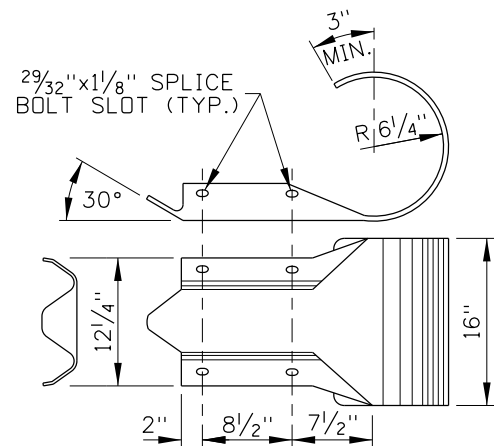


ANCHOR HARDWARE COMPONENTS TABLE			
ITEM NO.	COMPONENT DESCRIPTION	QTY.	TF-13 NAME
①	W-BEAM ANCHOR GUARDRAIL	1	RWM14a (MOD)
②	W-BEAM END SECTION (ROUNDED)	1	RWE03a
③	FOUNDATION TUBE	2	PTE06
④	BCT TIMBER POST	2	PDF--
⑤	STRUT AND YOKE ASSEMBLY	1	PFP02
⑥	BCT CABLE ANCHOR ASSEMBLY	1	FCA01
⑦	GUARDRAIL ANCHOR BRACKET	1	FPA01
⑧	BCT POST SLEEVE	1	FMM02
⑨	BCT BEARING PLATE	1	FPB01
⑩	SHELF ANGLE BRACKET	1	FPP02
⑪	5/8" GUARDRAIL SPLICE BOLT AND RECESSED NUT	4	FBB01
⑫	10" GUARDRAIL BOLT & RECESSED NUT	2	FBB03
⑬	5/8" X 2" HEX HEAD BOLT & NUT	8	FBX16a
⑭	5/8" X 8" HEX HEAD BOLT & NUT	2	FBX16a
⑮	5/8" X 10" HEX HEAD BOLT & NUT	2	FBX16a
⑯	1" HEX NUTS	4	FNX24a
⑰	5/8" FLAT WASHER	22	FWC16a
⑱	1" FLAT WASHER	2	FWC24a
⑲	16D GALVANIZED NAIL	2	N/A

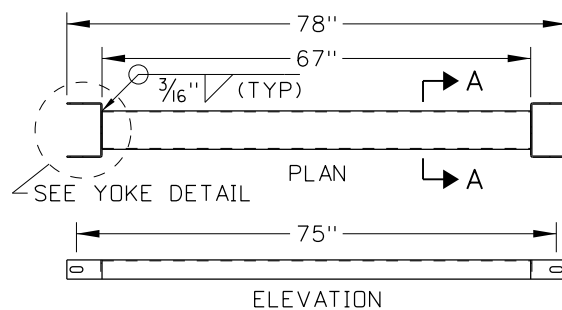
GUARDRAIL ANCHOR



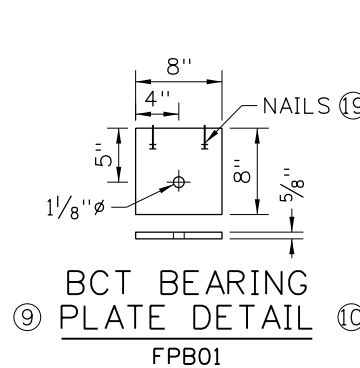
① W-BEAM ANCHOR GUARDRAIL
RWM14a (MODIFIED)



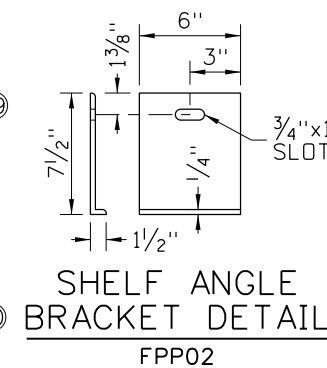
② W-BEAM END SECTION DETAIL
RWE03a



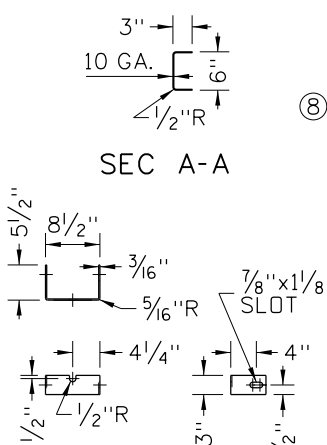
⑤ STRUT AND YOKE
ASSEMBLY DETAIL
PFP02



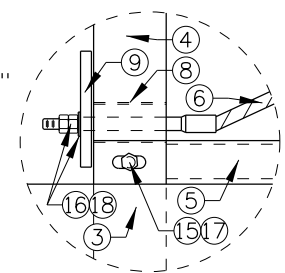
⑨ BCT BEARING
PLATE DETAIL
FPB01



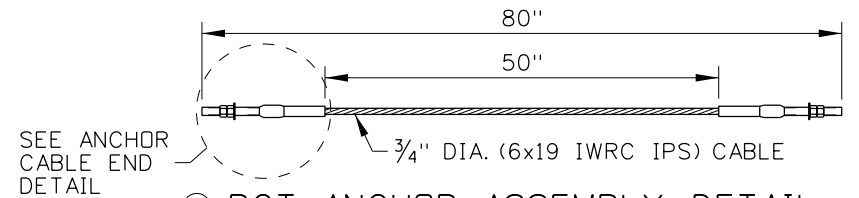
⑩ SHELF ANGLE
BRACKET DETAIL
FPP02



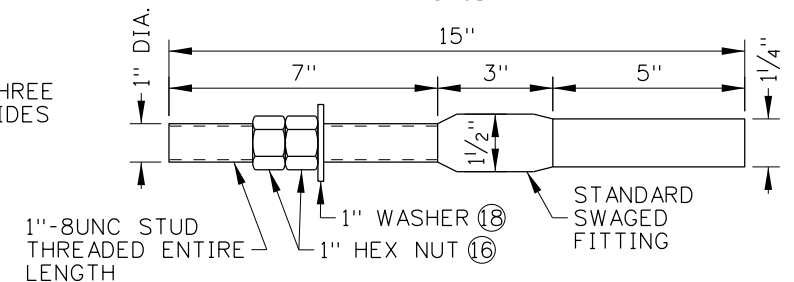
⑧ BCT POST
SLEEVE DETAIL
FMM02



⑦ GUARDRAIL ANCHOR
BRACKET DETAIL
FPA01



⑥ BCT ANCHOR ASSEMBLY DETAIL
FCA01

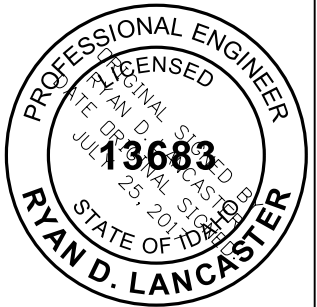


ANCHOR CABLE END DETAIL

NOTES

1. INSTALL THE ANCHOR SYSTEM ON THE TRAILING END OF 31" W-BEAM GUARDRAIL, OUTSIDE OF THE CLEAR ZONE FOR APPROACHING TRAFFIC, OR BOTH.
2. SUPPORT THE W-BEAM ANCHOR GUARDRAIL AT THE END POST WITH THE SHELF ANGLE BRACKET. DO NOT BOLT THE W-BEAM GUARDRAIL TO THE POST.
3. ENSURE THAT THE FOUNDATION TUBES DO NOT EXTEND MORE THAN 3 3/4" ABOVE THE FINISHED GRADE.
4. INSTALL AN EXTRA HEX NUT ON EACH END OF THE BCT CABLE ANCHOR ASSEMBLY.
5. AFFIX A TYPE 3 OBJECT MARKER TO THE W-BEAM END SECTION WHEN THE ANCHOR IS USED ON AN UNDIVIDED HIGHWAY.
6. DRAWING NOT TO SCALE.

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



REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
612-5-0617.dgn

DRAWING DATE:
JUNE, 2017

IDAHO
TRANSPORTATION
DEPARTMENT

BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

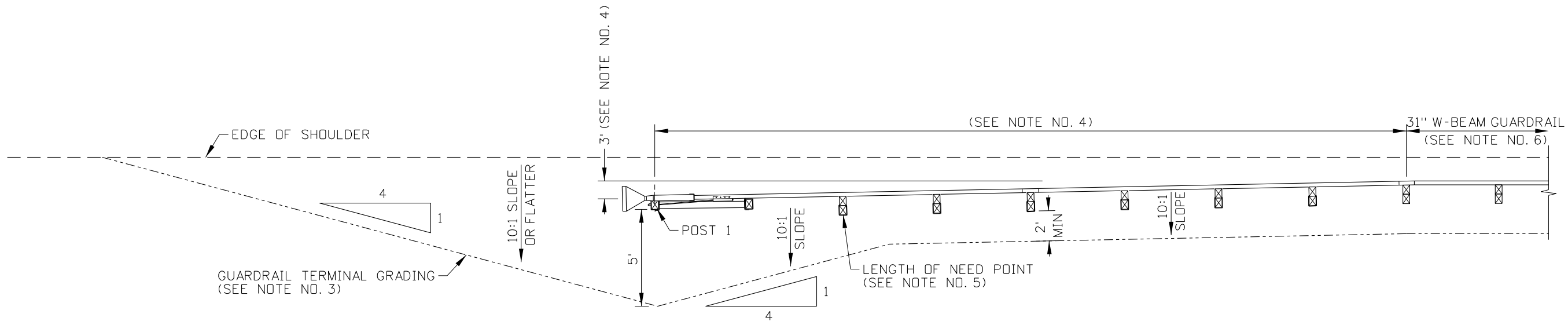
STANDARD DRAWING

GUARDRAIL
ANCHOR

English

STANDARD DRAWING NO.
612-5

SHEET 1 OF 1



NOTES

1. THE FLARED TERMINAL SHOWN IS AN EXAMPLE ONLY. FLARED TERMINAL DESIGNS VARY BY PRODUCT AND MANUFACTURER.
2. DISTANCES SHOWN FROM THE TERMINAL POSTS TO THE GRADING EXTENTS ARE MEASURED FROM THE BACK OF THE POST.
3. PROVIDE A 4:1 OR FLATTER SLOPE BEYOND THE GRADING EXTENTS WHERE PRACTICAL.
4. INSTALL THE TERMINAL IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS. REFER TO THE INSTRUCTIONS FOR SYSTEM LENGTH, OFFSET, NUMBER OF POSTS, POST SPACING, AND WHEN A FLARED TERMINAL IS TO BE INSTALLED ON A HORIZONTAL CURVE.
5. VERIFY THE LENGTH OF NEED POINT WITH MANUFACTURER INSTRUCTIONS FOR A SPECIFIC PRODUCT. ELEMENTS OF THE GUARDRAIL TERMINAL DOWNSTREAM OF THE LENGTH OF NEED POINT CAN BE INCLUDED AS PART OF THE LENGTH OF NEED.
6. PROVIDE A MINIMUM OF 12'-6" OF 31" W-BEAM GUARDRAIL BETWEEN THE GUARDRAIL TERMINAL AND A GUARDRAIL TRANSITION.
7. IF THE FLARED TERMINAL DESIGN USES AN ANCHOR CABLE, INSTALL AN EXTRA HEX NUT ON EACH END OF THE CABLE.
8. AFFIX A TYPE 3 OBJECT MARKER TO THE TERMINAL END SECTION.
9. DRAWING NOT TO SCALE.

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	08-18	RDL						
2	03-21	PBH						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 612-7_0421.dgn
DRAWING DATE: JUNE, 2017

IDAHO
TRANSPORTATION
DEPARTMENT



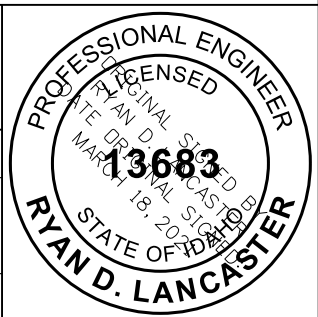
BOISE IDAHO

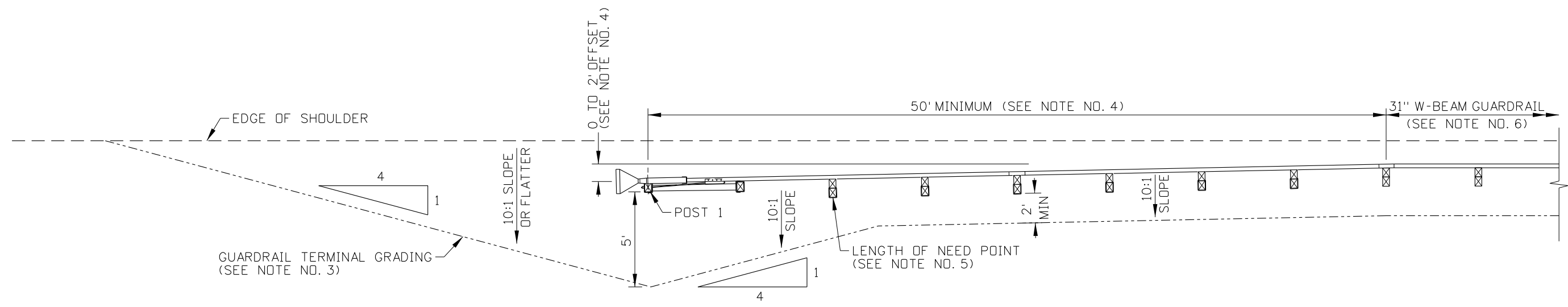
ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

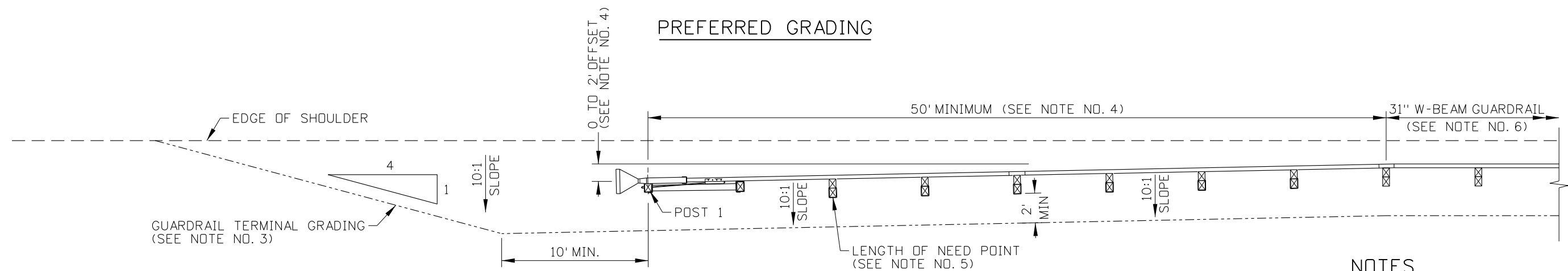
GUARDRAIL TERMINAL
FLARED

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho
English
STANDARD DRAWING NO. 612-7
SHEET 1 OF 1





PREFERRED GRADING



ALTERNATIVE GRADING

NOTES

1. THE TANGENT TERMINAL SHOWN IS AN EXAMPLE ONLY. TANGENT TERMINAL DESIGNS VARY BY PRODUCT AND MANUFACTURER.
2. USE THE PREFERRED GRADING LAYOUT WHEN PRACTICAL. THE ALTERNATIVE GRADING LAYOUT MAY BE USED WHEN UPGRADING AN EXISTING TERMINAL WITH SITE LIMITATIONS. DISTANCES SHOWN FROM THE TERMINAL POSTS TO THE GRADING EXTENTS ARE MEASURED FROM THE BACK OF THE POST.
3. PROVIDE A 4:1 OR FLATTER SLOPE OUTSIDE OF THE GUARDRAIL TERMINAL GRADING EXTENTS WHERE PRACTICAL.
4. INSTALL THE TERMINAL IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS. REFER TO THE INSTRUCTIONS FOR SYSTEM LENGTH, OFFSET, NUMBER OF POSTS, POST SPACING, AND WHEN A TANGENT TERMINAL IS TO BE INSTALLED ON A HORIZONTAL CURVE.
5. VERIFY THE LENGTH OF NEED POINT WITH MANUFACTURER INSTRUCTIONS FOR A SPECIFIC PRODUCT. ELEMENTS OF THE GUARDRAIL TERMINAL DOWNSTREAM OF THE LENGTH OF NEED POINT CAN BE INCLUDED AS PART OF THE LENGTH OF NEED.
6. PROVIDE A MINIMUM OF 12'-6" OF 31" W-BEAM GUARDRAIL BETWEEN THE GUARDRAIL TERMINAL AND A GUARDRAIL TRANSITION.
7. IF THE TANGENT TERMINAL DESIGN USES AN ANCHOR CABLE, INSTALL AN EXTRA HEX NUT ON EACH END OF THE CABLE.
8. AFFIX A TYPE 3 OBJECT MARKER TO THE TERMINAL END SECTION.
9. DRAWING NOT TO SCALE.

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	08-18	RDL						
2	03-21	PBH						

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
612-8_0421.dgn

DRAWING DATE:
JUNE, 2017

IDAHO
TRANSPORTATION
DEPARTMENT



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

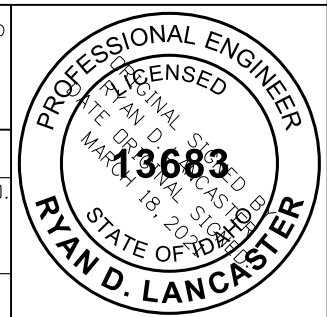
GUARDRAIL TERMINAL
TANGENT

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

English

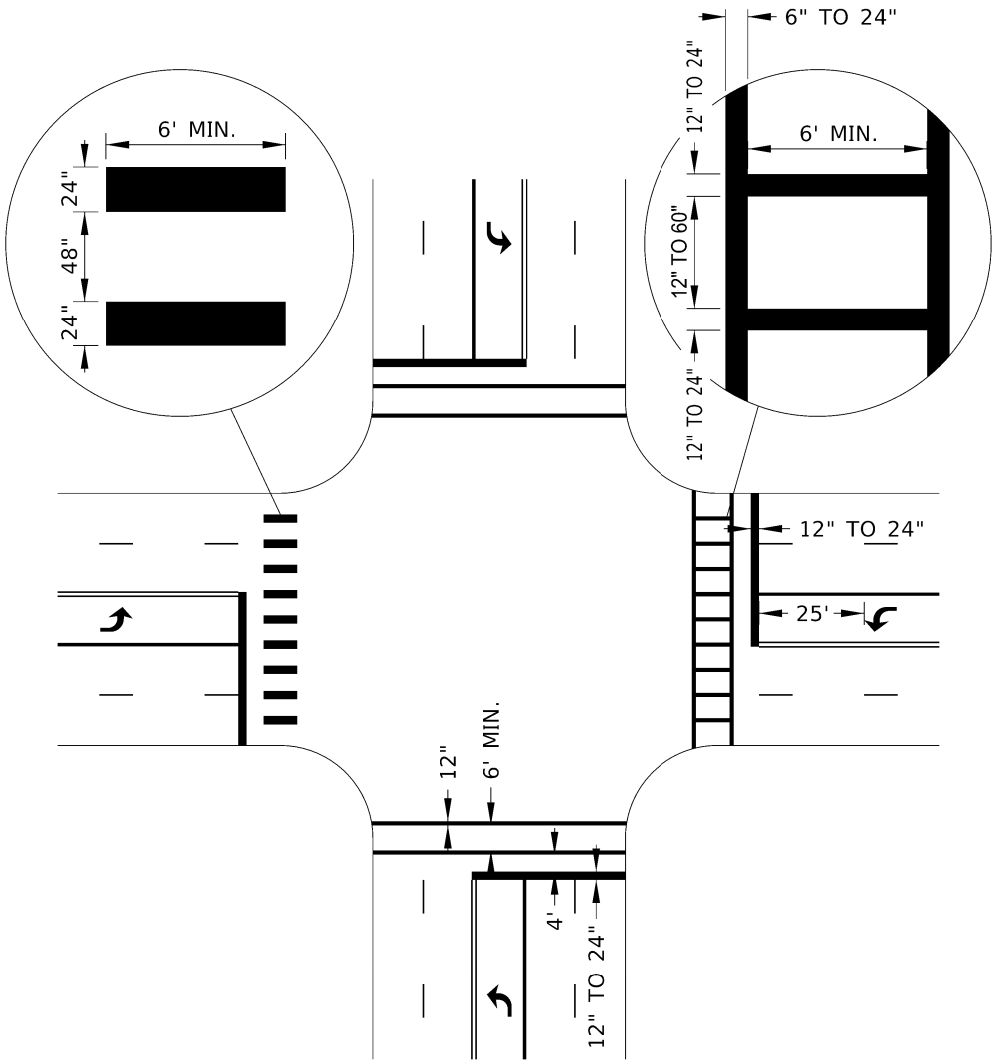
STANDARD DRAWING NO.
612-8

SHEET 1 OF 1



NOTES

1. USE WHITE AND YELLOW PAVEMENT MARKINGS AS FOLLOWS:
WHITE:
A. TO SEPARATE TRAFFIC TRAVELING IN THE SAME DIRECTION.
B. THE RIGHT-HAND EDGE OF THE HIGHWAY.
C. STOP AND YIELD LINES, CROSSWALK, WORD, SYMBOL, ARROW, AND OTHER MARKINGS
YELLOW:
A. TO SEPARATE TRAFFIC TRAVELING IN OPPOSITE DIRECTIONS.
B. THE LEFT-HAND EDGE DIVIDED HIGHWAYS, ONE-WAY STREETS, OR RAMP.
C. TWO-WAY LEFT-TURN LANES.
2. USE LONGITUDINAL PAVEMENT MARKINGS AS FOLLOWS:
A. USE SOLID LINES TO INDICATE THE LEFT OR RIGHT EDGE OF TRAVEL WAY OR TO DISCOURAGE LANE CHANGING.
B. USE DOUBLE LINES TO PROHIBIT PASSING OR LANE CHANGING.
C. USE BROKEN LINES TO INDICATE PASSING OR LANE CHANGING ARE PERMITTED. USE ONLY THE 12' LINE SEGMENT, 38' GAP PATTERN.
D. USE COMBINATION SOLID AND BROKEN LINES TO PROHIBIT PASSING IN ONE DIRECTION WHILE PERMITTING PASSING IN THE OPPOSITE DIRECTION OR TO INDICATE A TWO-WAY LEFT-TURN LANE.
E. USE DOTTED LINES AS FOLLOWS:
3' LINE SEGMENT, 9' GAP:
I. TO SEPARATE A THROUGH LANE AND A LANE THAT BECOMES A MANDATORY EXIT OR TURN LANE (DROPPED LANE).
II. TO SEPARATE THROUGH LANES AND TURN LANES OR RAMP.
III. TO SEPARATE A THROUGH LANE AND AN AUXILIARY LANE TWO MILES OR LESS IN LENGTH BETWEEN FREEWAY ENTRANCE RAMP AND EXIT RAMP OR ONE MILE OR LESS IN LENGTH BETWEEN INTERSECTIONS.
2' LINE SEGMENT, 6' GAP:
I. AS A LANE LINE EXTENSION THROUGH AN INTERSECTION.
3. USE 12' VEHICULAR TRAVEL LANES UNLESS OTHERWISE INDICATED. MEASURE LANE WIDTHS FROM THE CENTER OF LINE TO THE CENTER OF LINE.
4. THE PAVEMENT MARKING APPLICATION EXAMPLES PRESENTED SHOW COMMON APPLICATION. MODIFY TO ACCOMODATE OTHER SITUATIONS.
5. METHODS FOR DETERMINING TURN-LANE LENGTH ARE DESCRIBED IN THE ITD TRAFFIC MANUAL.
6. USE 15W WHEN SPEEDS ARE 45 MPH OR MORE. USE 8W WHEN SPEEDS ARE 40 MPH OR LESS. W IS THE OFFSET WIDTH IN FEET.
7. USE DISTANCE L WHEN PRACTICAL. USE THE FOLLOWING EQUATIONS TO DETERMINE L:
40 MPH OR LESS SPEEDS 45 MPH OR MORE SPEEDS
 $L = WS^2/60$ $L = WS$
W = OFFSET WIDTH IN FEET
S = POSTED SPEED LIMIT, OFF-PEAK 85TH-PERCENTILE SPEED, OR OPERATING SPEED IN MPH
A. ON PARALLEL ENTRANCE RAMP, A TAPER LENGTH OF 300 FEET IS SUITABLE FOR DESIGN SPEEDS UP TO 70 MPH.
8. USE LANE-USE ARROWS AND WORD PAVEMENT MARKINGS AS SHOWN. SOME MARKINGS ARE OPTIONAL.
A. USE TWO OR MORE LANE-USE ARROWS UNLESS THE TURN-LANE LENGTH IS LESS THAN 75 FEET. IF SHORTER THAN 75 FEET, THE DOWNSTREAM ARROW CAN BE OMITTED.
B. USE TWO-WAY LEFT-TURN ARROW MARKINGS NEAR THE BEGINNING OF A TWO-WAY LEFT-TURN LANE AND EVERY ½ MILE THEREAFTER.
9. BREAK EDGE AND LANE LINES AT INTERSECTIONS WITH MINOR ROADS. CONTINUE EDGE AND LANE LINES THROUGH DRIVEWAY APPROACHES.
10. USE THE EXAMPLE EXIT RAMP WITH LANE-DROP WHEN THE LENGTH OF AN AUXILIARY DECELERATION LANE EXCEEDS ½ MILE.
11. ON TWO-LANE HIGHWAYS, PAINT THE CENTERLINE IN ONE DIRECTION IN ASCENDING STATION AND MILEPOST DIRECTION.
A. WHEN RUMBLE STRIPS ARE PRESENT OR AFTER PAVEMENT SURFACE TREATMENTS, ALTER PAINT TRUCK AND PAINT SECOND APPLICATION IN OPPOSITE DIRECTION.
12. DRAWINGS NOT TO SCALE.



EXAMPLE STOP LINE AND CROSSWALK DETAIL

LONGITUDINAL PAVEMENT MARKING LINES

SOLID LINE

COLOR: WHITE OR YELLOW

WIDTH: NORMAL (4" TO 6") OR WIDE (2X NORMAL WIDTH)

DOUBLE LINE

COLOR: WHITE OR YELLOW

WIDTH: NORMAL (4" TO 6" LINE, 3" GAP, 4" TO 6" LINE)

BROKEN LINE

COLOR: WHITE OR YELLOW

WIDTH: NORMAL (4" TO 6" LINE)

COMBINATION SOLID AND BROKEN LINE

COLOR: YELLOW

WIDTH: NORMAL (4" TO 6" LINE, 3" GAP, 4" TO 6" LINE)

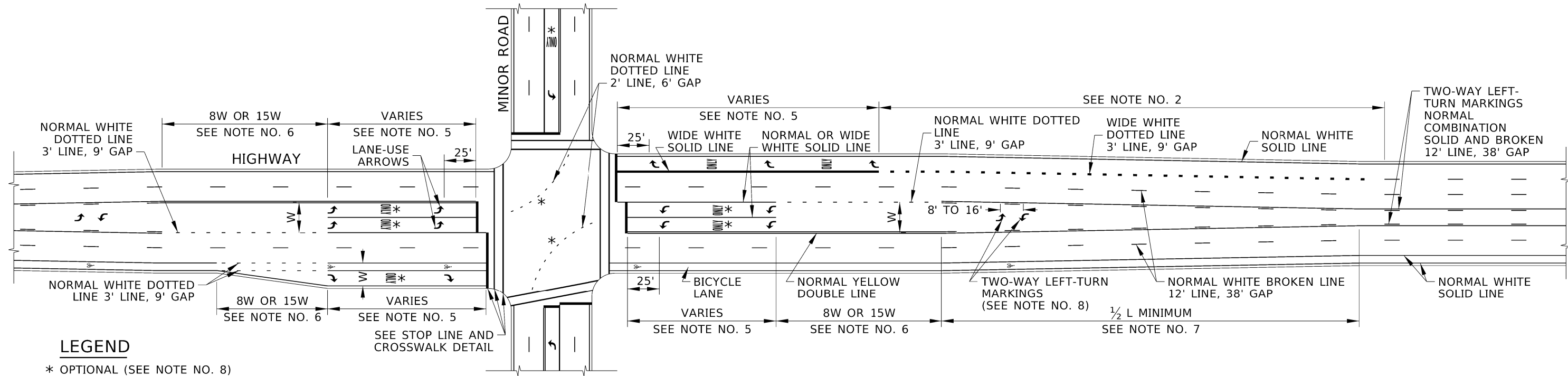
DOTTED LINE

3' LINE SEGMENT, 9' GAP OR 2' LINE SEGMENT, 6' GAP (SEE NOTE NO. 2)

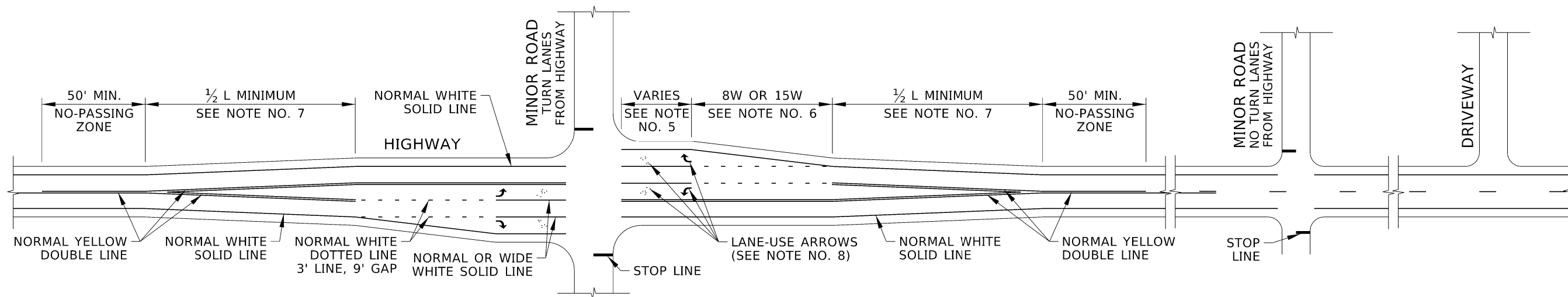
COLOR: WHITE OR YELLOW

WIDTH: NORMAL (4" TO 6") OR WIDE (2X NORMAL WIDTH)

REVISIONS										SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY		IDAHO TRANSPORTATION DEPARTMENT YOUR Safety→YOUR Mobility→YOUR Economic Opportunity	ORIGINAL SIGNED BY: MONICA CRIDER HIGHWAY DESIGN ENGINEER	STANDARD DRAWING		ENGLISH STANDARD DRAWING NO. 630-1 SHEET 1 OF 4	ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho PROFESSIONAL ENGINEER RYAN D. LANCASTER 13683 STATE OF IDAHO DATE OF EXPIRATION: 9/2025				
NO	DATE	BY	NO	DATE	BY	NO	DATE	BY						PAVEMENT MARKINGS							
1	03-20	RDL								CADD FILE NAME: 630-1_0425.dgn											
2	03-21	PBH								DRAWING DATE: DECEMBER, 2016											
3	03-25	RDL																			



EXAMPLE URBAN HIGHWAY PAVEMENT MARKINGS



EXAMPLE RURAL HIGHWAY PAVEMENT MARKINGS

SEE NOTE NO. 9

REVISIONS									
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	
1	03-20	RDL							
2	03-21	PBH							
3	03-25	RDL							

SCALES SHOWN
 ARE FOR 11" X 17"
 PRINTS ONLY

CADD FILE NAME:
 630-1_0425.dgn

DRAWING DATE:
 DECEMBER, 2016

**IDAHO
 TRANSPORTATION
 DEPARTMENT**

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

BOISE IDAHO

ORIGINAL SIGNED BY: MONICA CRIDER
 HIGHWAY DESIGN ENGINEER

STANDARD DRAWING

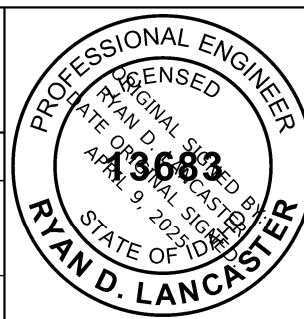
PAVEMENT MARKINGS

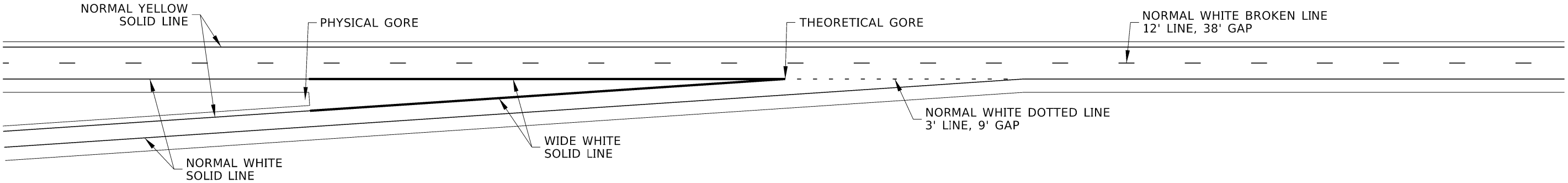
ENGLISH

STANDARD DRAWING NO.
630-1

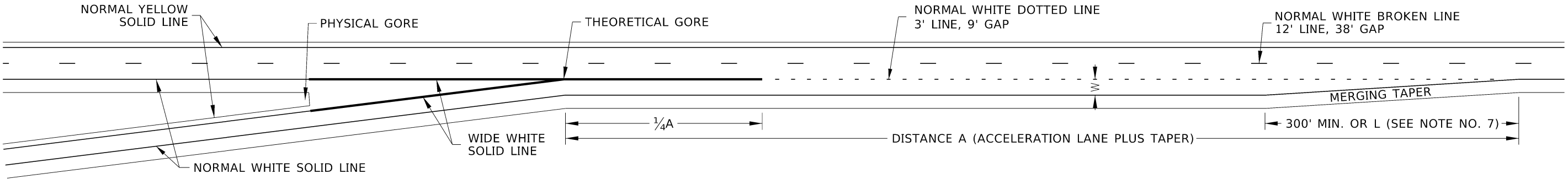
SHEET **2** OF **4**

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

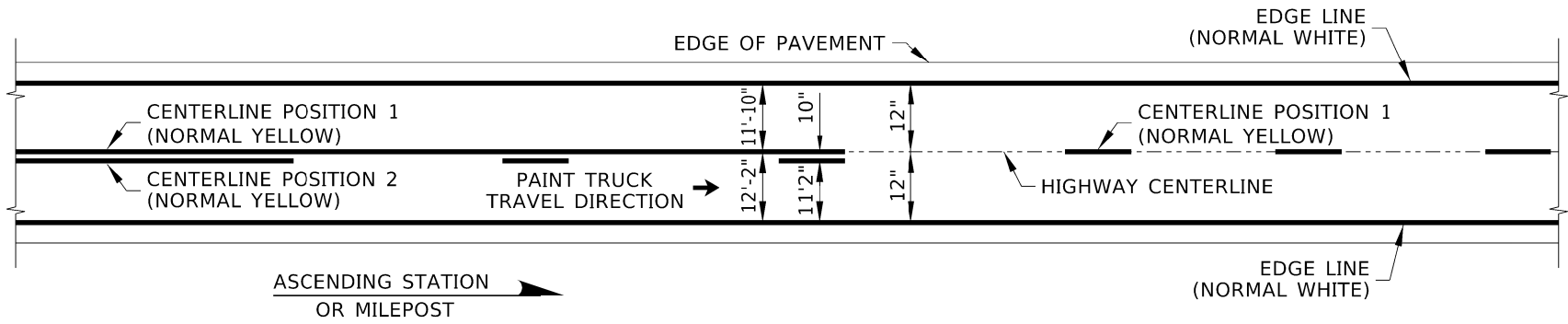




EXAMPLE TAPERED ENTRANCE RAMP

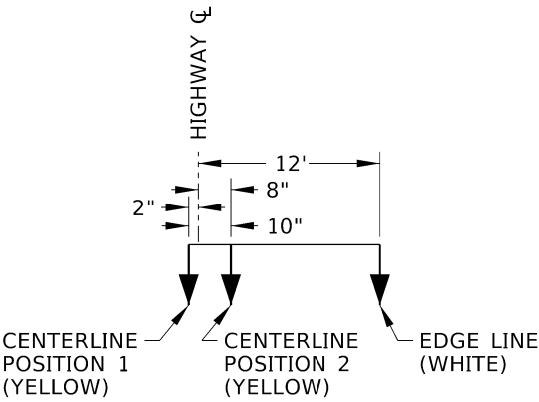


EXAMPLE PARALLEL ENTRANCE RAMP



PAVEMENT MARKINGS ON TWO-WAY HIGHWAYS

DIMENSIONS TO CENTER OF PAVEMENT MARKINGS
SEE NOTE NO. 11 AND PAINT TRUCK SETUP DETAIL



PAINT TRUCK SETUP DETAIL

REVISIONS									
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	
1	03-20	RDL							
2	03-21	PBH							
3	03-25	RDL							

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME:
630-1_0425.dgn
DRAWING DATE:
DECEMBER, 2016

IDAHO
TRANSPORTATION
DEPARTMENT



YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

BOISE IDAHO

ORIGINAL SIGNED BY: MONICA CRIDER
HIGHWAY DESIGN ENGINEER

STANDARD DRAWING

PAVEMENT MARKINGS

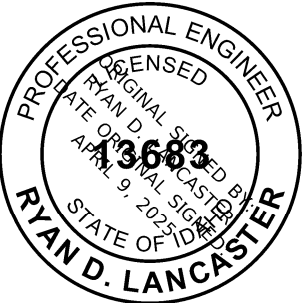
ENGLISH

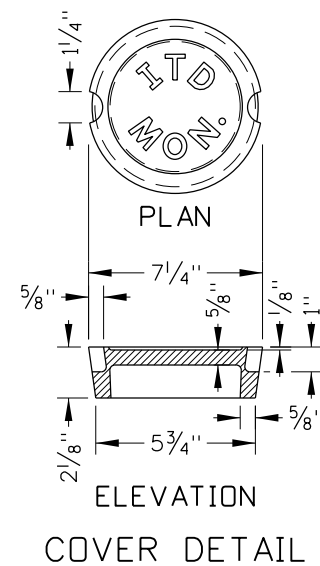
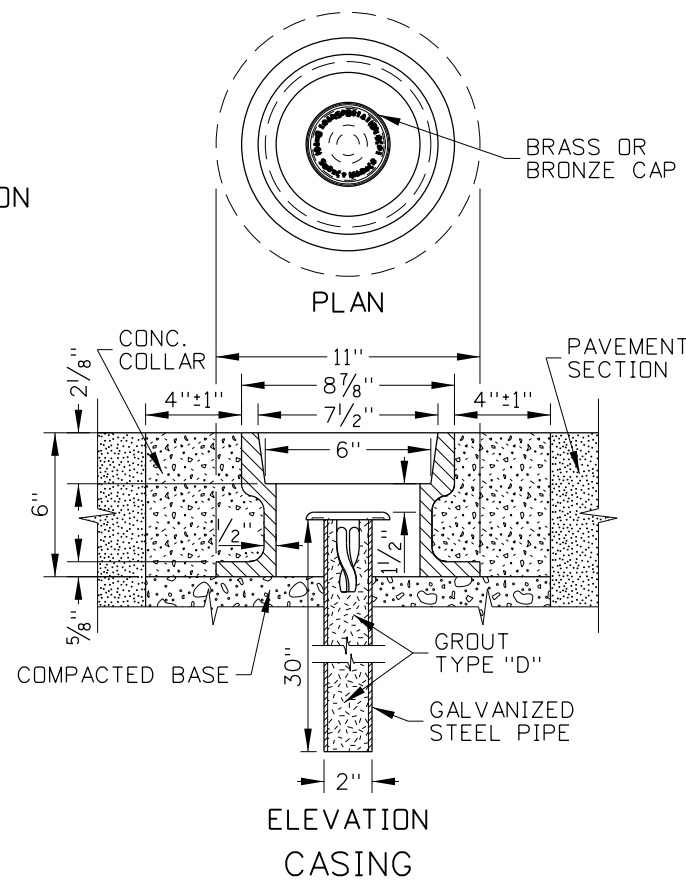
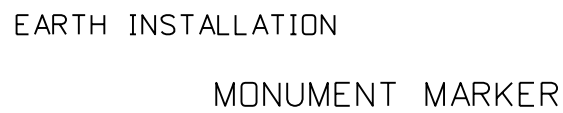
STANDARD DRAWING NO.

630-1

SHEET 4 OF 4

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





1. SURVEY MONUMENTS CAN BE PRECAST OR CAST-IN-PLACE. SET THE BRASS CAP IN THE TOP CENTER OF THE MONUMENT.
2. USE ROUND TOP MARKERS FOR VERTICAL CONTROL, HORIZONTAL CONTROL, OR BOTH. USE FLAT TOP MARKERS FOR HORIZONTAL CONTROL.
3. ENSURE THAT HORIZONTAL CONTROL MARKERS ARE PLACED WITHIN $\frac{1}{2}$ " OF THE POINT ESTABLISHED. THE VERTICAL CONTROL POINT IS THE HIGHEST POINT OF THE ROUND TOP CAP.
4. REINFORCE EARTH INSTALLATION MONUMENT MARKER WITH FOUR NO. 2 BARS, $33\frac{1}{2}$ " LONG, AND PLACED AN EQUAL DISTANCE APART. TIE WITH NO. 8 WIRE AT 10" INTERVALS.
5. USE CASING WHEN THE MONUMENT IS PLACED IN PAVEMENT. THE MONUMENT MAY BE PLACED CLOSER TO THE GROUND OR IN CASING IN AREAS THAT ARE MOWED. OTHER CASING DESIGNS MAY BE USED WITH APPROVAL FROM THE ENGINEER.
6. MACHINE COVER AND CASING CONTACT SURFACES TO A TRUE BEARING ALL AROUND.
7. THE MONUMENT MARKER MAY BE USED AS A RIGHT-OF-WAY MARKER, PROJECT MARKER, REFERENCE MARKER, CONTROL POINT, OR PROPERTY CORNER.
8. STAMP THE MONUMENT CAP ACCORDING TO ITS PURPOSE. "ROW" FOR RIGHT-OF-WAY MARKER, "PRJ" FOR PROJECT MARKER, "REF" FOR REFERENCE MARKER, "CTL" FOR CONTROL POINT, OR "COR" FOR PROPERTY CORNER.
9. PLACE THE WITNESS POSTS AS CLOSE TO THE MARKERS AS PRACTICAL. WHEN SOLID ROCK IS ENCOUNTERED, GROUT THE WITNESS POST AS SHOWN IN THE WITNESS POST SOLID ROCK INSTALLATION DETAIL.
10. DRAWINGS NOT TO SCALE.

REVISIONS								
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	05-62		6	01-68		11	06-02	MSM
2	06-62		7	09-72		12	12-04	MSM
3	05-65		8	07-90	GB	13	11-06	MSM
4	09-66		9	09-93	MSM	14	12-12	RDL
5	04-67		10	05-95	MSM	15	11-15	RDL

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME: 618-1_1215.dgn
DRAWING DATE: APRIL, 1961

IDAHO
TRANSPORTATION
DEPARTMENT



BOISE IDAHO

ORIGINAL SIGNED BY: TED E. MASON *for*
DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

MARKER POSTS,
WITNESS POSTS,
AND STREET MONUMENTS

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

English

STANDARD DRAWING NO.
618-1

SHEET 1 OF 1

