SH-33 MULTI-MODAL PATHWAY

PROJECT #A023(894) KEY NO. 23894

TETON COUNTY, IDAHO

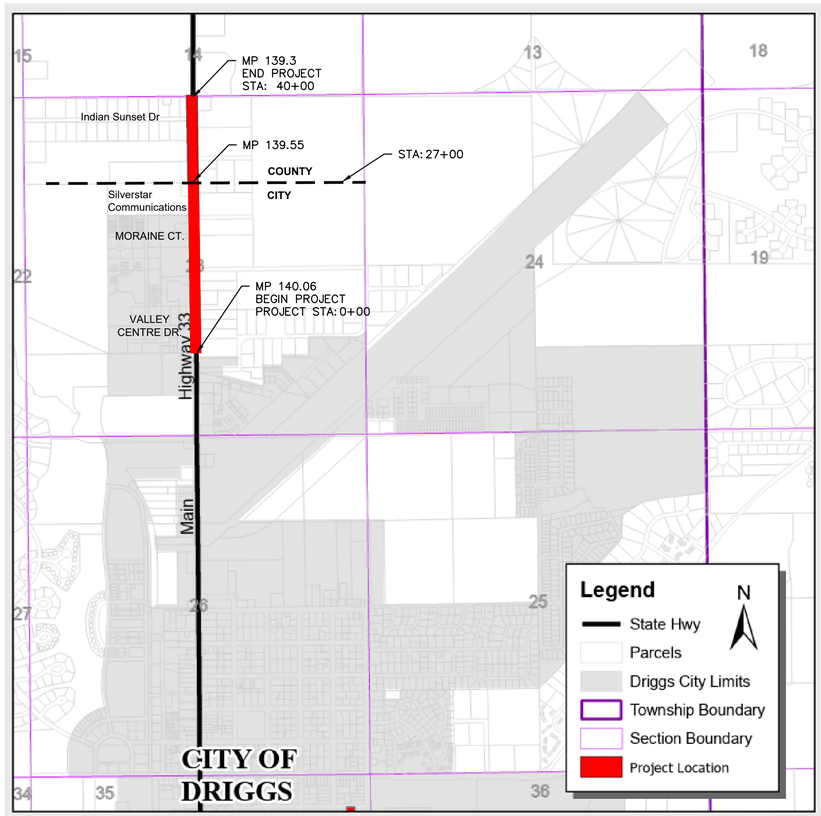
FINAL CONSTRUCTION DRAWINGS

September 26, 2024

CIVIL ENGINEER / SURVEYOR
HARMONY DESIGN & ENGINEERING
18 N MAIN STE 305
DRIGGS, ID 83422
208-354-1331

CLIENT
CITY OF DRIGGS
60 S MAIN ST.
DRIGGS, ID 83422
208-354-2362

TETON COUNTY IDAHO
150 COURTHOUSE DRIVE
DRIGGS, ID 83422
208-776-8222



VICINITY MAP
NOT TO SCALE

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CALL BEFORE YOU DIG
ONE CALL CENTER OF IDAHO
1-800-342-1585
CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

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0 1
DRAWING IS TO SCALE IF BAR MEASURES: 1" = FULL SCALE 1/2" = HALF SCALE

PROJ.: #A023(894)
FILE : 23108_CVR.dwg
HDE #: 23108

DATE: 9/26/2024

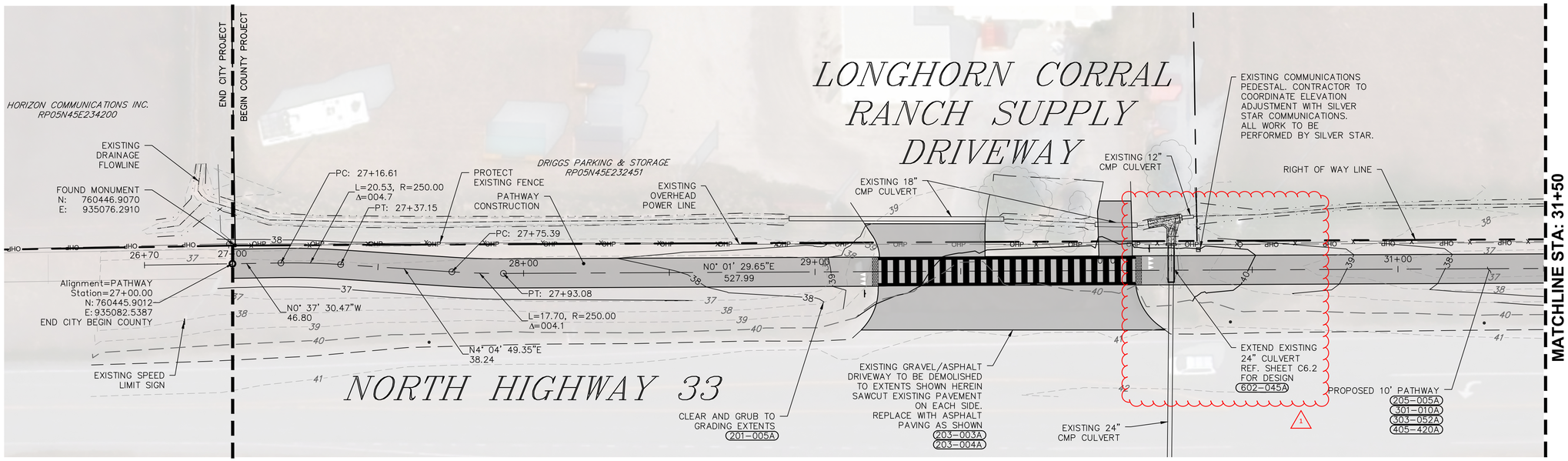
REVISIONS:

1	COUNTY CULVERT EXTENSION STRUCTURES MODIFIED	09/26/2024

PROJECT NAME
SH-33 MULTI-MODAL PATHWAY
TETON COUNTY, IDAHO

COVER SHEET

SHEET #
C0.0



ITD ITEM AND QUANTITIES

(201-005A) CLEARING AND GRUBBING, STRIP & STOCKPILE SOIL FOR REUSE
STA: 27+00.00 – 31+50.00, 0.168 AC

(203-003A) SAWCUT PAVING
STA: 29+20.94 – 30+25.20, 158 LF

(203-004A) PAVEMENT REMOVAL
STA: 29+15.75 – 30+20.01, 329 SY

(205-005A) EXCAVATION AND EMBANKMENT, GRAVEL, BANK RUN, COMPACTED
STA: 27+00.00 – 31+50.00, 87 CY

(602-045A) 24" CULVERT PIPE
STA: 30+22.33, 12.58 LF

(301-010A) GRANULAR SUBBASE
STA: 27+00.00 – 31+50.00, 188 CY

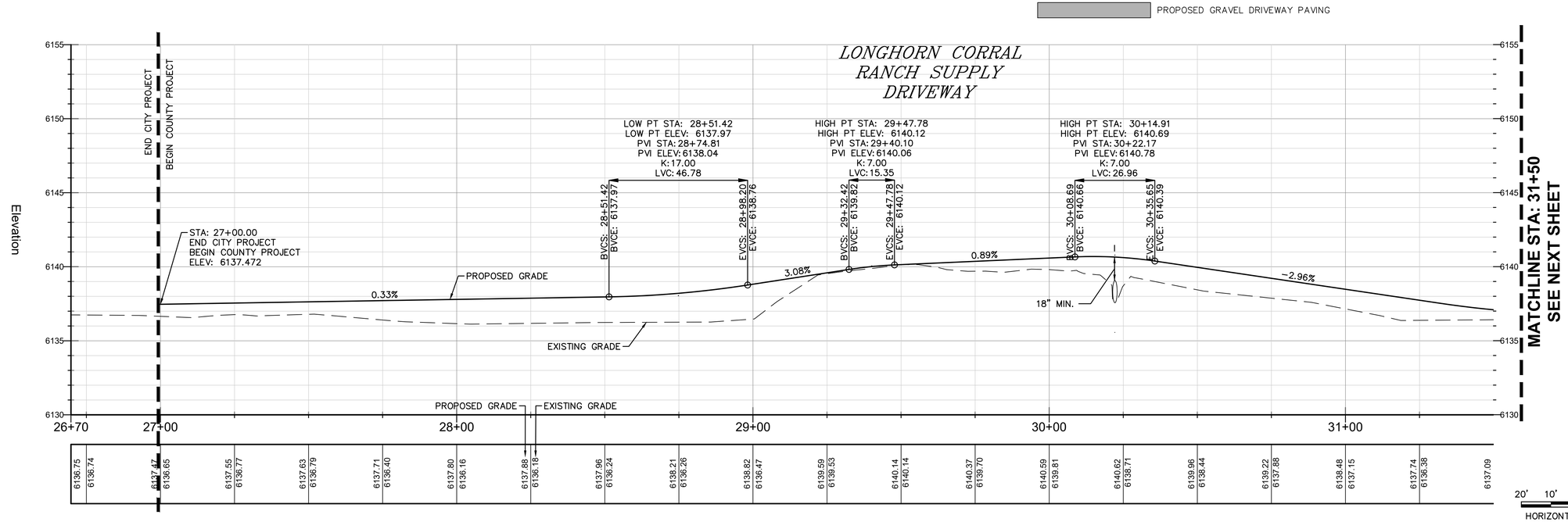
(303-052A) AGGREGATE BASE
STA: 27+00.00 – 31+50.00, 104 CY

(405-420A) SUPERPAVE HOT MIX ASPHALT PAVEMENT
STA: 27+00.00 – 31+50.00, 140 TONS

LEGEND

- EXISTING PROPERTY LINE
- EXISTING RIGHT OF WAY LINE
- 30 EXISTING CONTOUR (MAJOR) (ADD 6100)
- 31 EXISTING CONTOUR (MINOR) (ADD 6100)
- 30 PROPOSED CONTOUR (MAJOR) (ADD 6100)
- 31 PROPOSED CONTOUR (MINOR) (ADD 6100)
- PROPOSED ASPHALT PAVING
- PROPOSED GRAVEL DRIVEWAY PAVING

20 10 0 20 40
SCALE: 1" = 20'
(22" X 34" SHEET)



20' 10' 0 20' 40'
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'

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DRAWING IS TO SCALE IF BAR MEASURES: 1" = FULL SCALE ½" = HALF SCALE

PROJ.: #A023(894)
FILE: 23108_RD.DWG
HDE #: 23108

DATE: 9/26/2024

REVISIONS:

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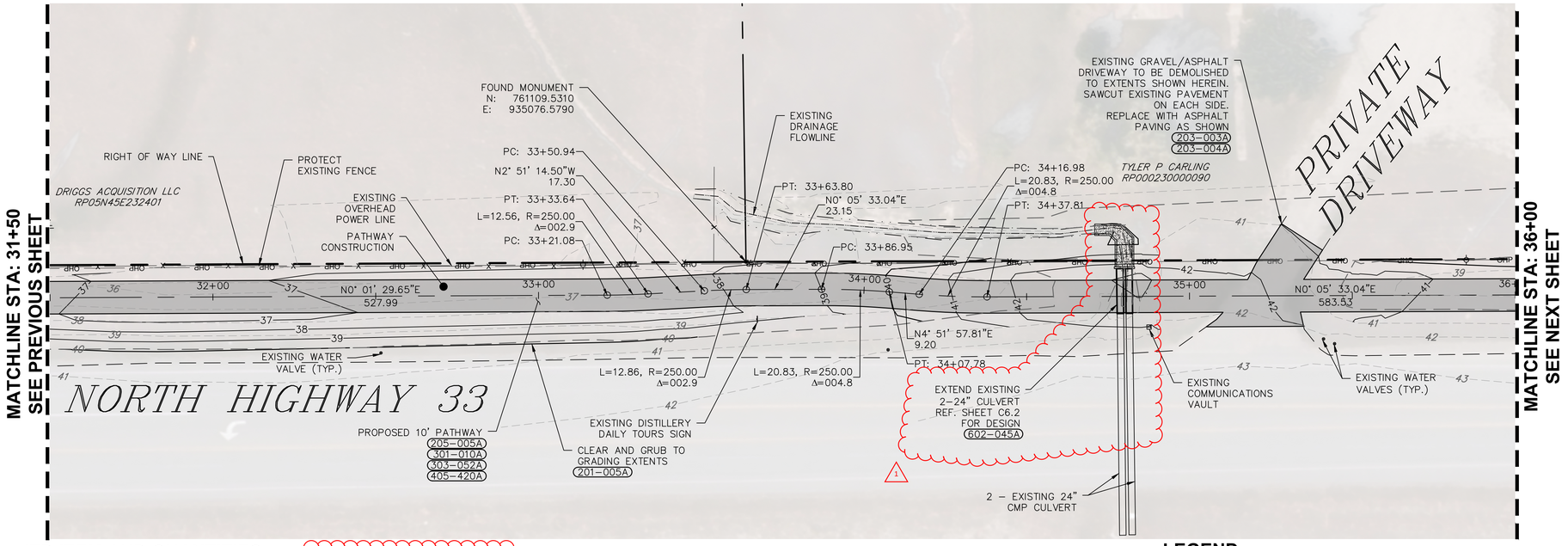
PROJECT NAME
SH-33 MULTI-MODAL PATHWAY
TETON COUNTY, IDAHO

COUNTY PATHWAY PLAN AND PROFILE STATION 27+00 TO 31+50

SHEET #
C3.6



ITD ITEM AND QUANTITIES

201-005A CLEARING AND GRUBBING, STRIP & STOCKPILE SOIL FOR REUSE
STA: 31+50.00 – 35+94.81, 0.218 AC

203-003A SAWCUT PAVING
STA: 35+10.30 – 35+46.09, 45 LF

203-004A PAVEMENT REMOVAL
STA: 35+05.11 – 35+40.90, 66 SY

205-005A EXCAVATION AND EMBANKMENT, GRAVEL, BANK RUN, COMPACTED
STA: 31+50.00 – 36+00.00, 6.5 CY

602-045A 24" CULVERT PIPE
STA: 34+80.14, 27.48 LF

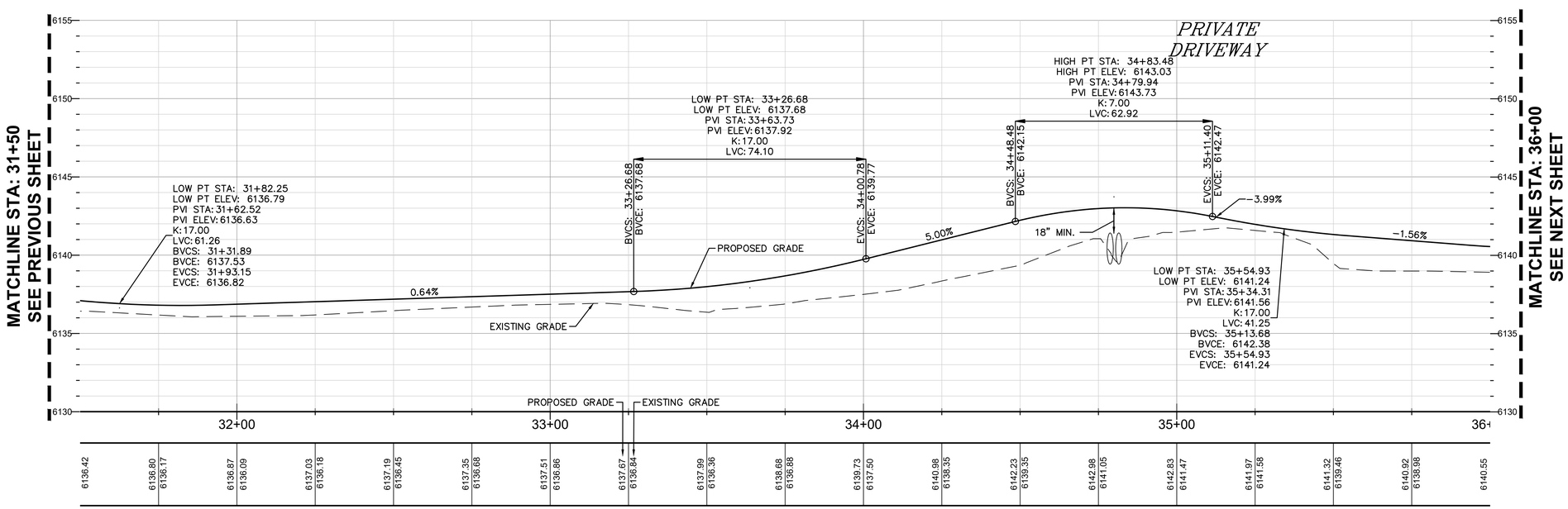
301-010A GRANULAR SUBBASE
STA: 31+50.00 – 35+94.81, 117 CY

303-052A AGGREGATE BASE
STA: 31+50.00 – 35+94.81, 71 CY

405-420A SUPERPAVE HOT MIX ASPHALT PAVEMENT
STA: 31+50.00 – 35+94.81, 95 TONS

LEGEND

- EXISTING PROPERTY LINE
- EXISTING RIGHT OF WAY LINE
- 30 EXISTING CONTOUR (MAJOR) (ADD 6100)
- 31 EXISTING CONTOUR (MINOR) (ADD 6100)
- 30 PROPOSED CONTOUR (MAJOR) (ADD 6100)
- 31 PROPOSED CONTOUR (MINOR) (ADD 6100)
- PROPOSED ASPHALT PAVING
- PROPOSED GRAVEL DRIVEWAY PAVING



SCALE: 1" = 20'
(22" X 34" SHEET)

HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 2'

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DRAWING IS TO SCALE IF BAR MEASURES: 1" = FULL SCALE ½" = HALF SCALE

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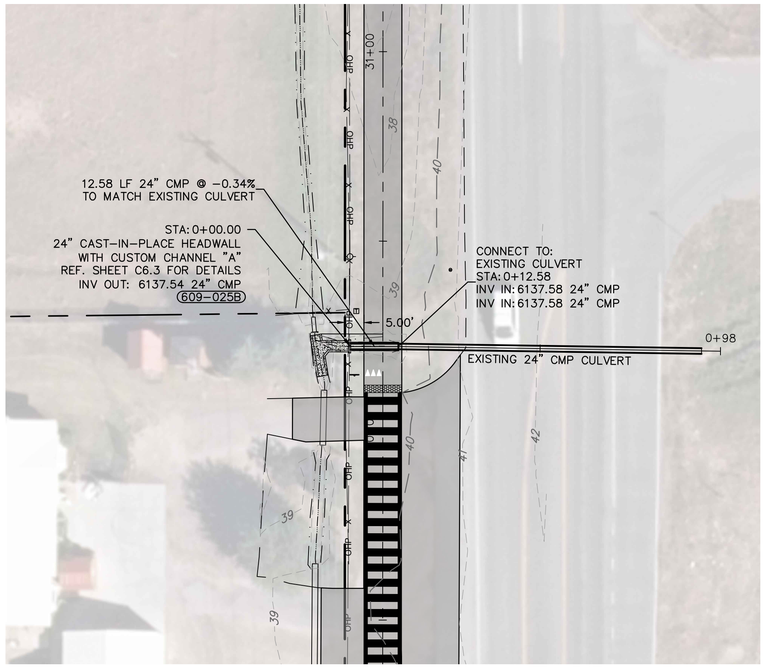
PROJECT NAME
SH-33 MULTI-MODAL PATHWAY
TETON COUNTY, IDAHO

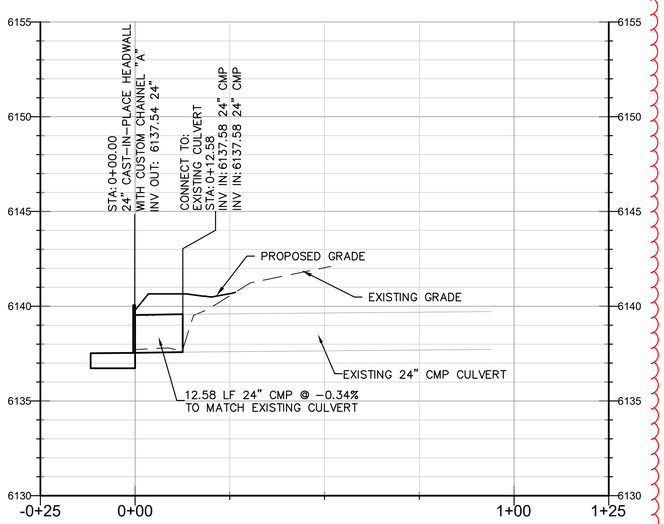
COUNTY PATHWAY PLAN AND PROFILE STATION 31+50 TO 36+00

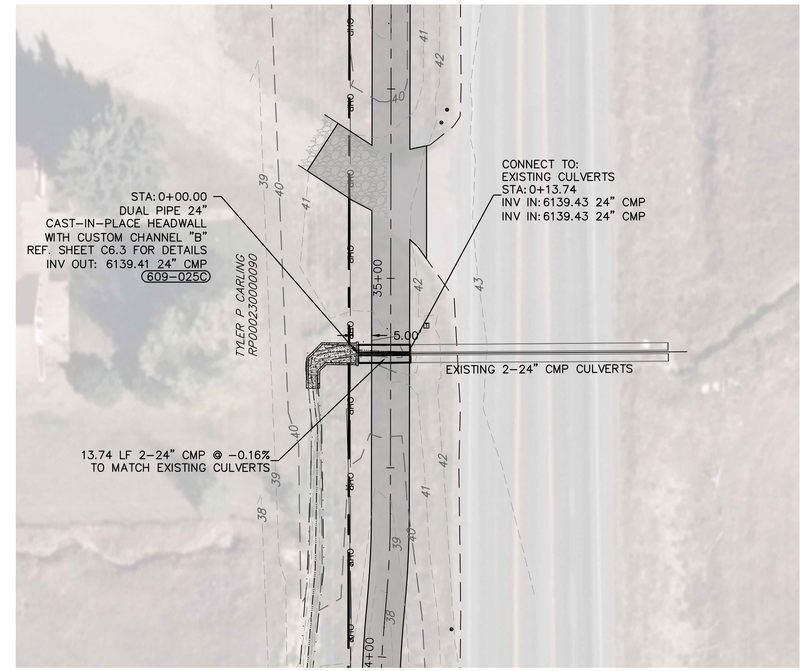
SHEET #
C3.7



ITD ITEM AND QUANTITIES

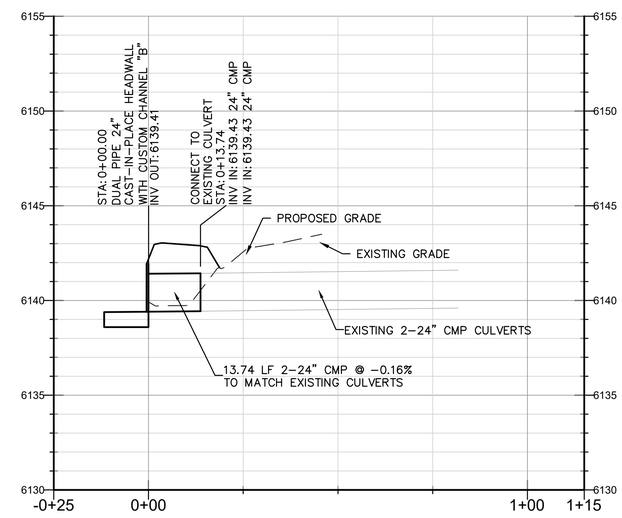
609-025B 24" CAST-IN-PLACE HEADWALL WITH CUSTOM CHANNEL
STA: 30+14.16 – 30+25.50, 1 EA





ITD ITEM AND QUANTITIES

609-025C DUAL PIPE 24" CAST-IN-PLACE HEADWALL WITH CUSTOM CHANNEL
STA: 34+70.97 – 34+83.17, 1 EA



20 10 0 20 40
SCALE: 1" = 20
(22" X 34" SHEET)

20' 10' 0 20' 40'
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'

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DRAWING IS TO SCALE IF PLOTTED AT THE SIZE:
1" = FULL SCALE
½" = HALF SCALE

FILE: 23108_STM
PROJ. #: 23108

DATE: 9/26/2024

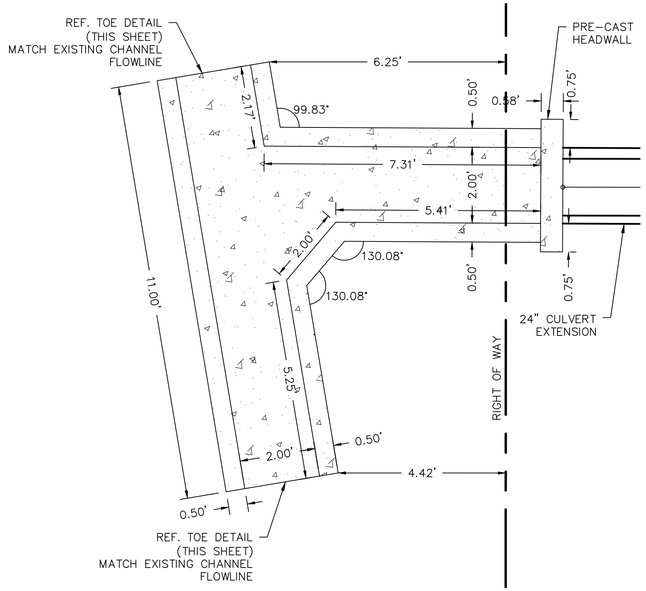
REVISIONS:

1	CULVERT EXTENSION STRUCTURES MODIFIED	09/26/2024

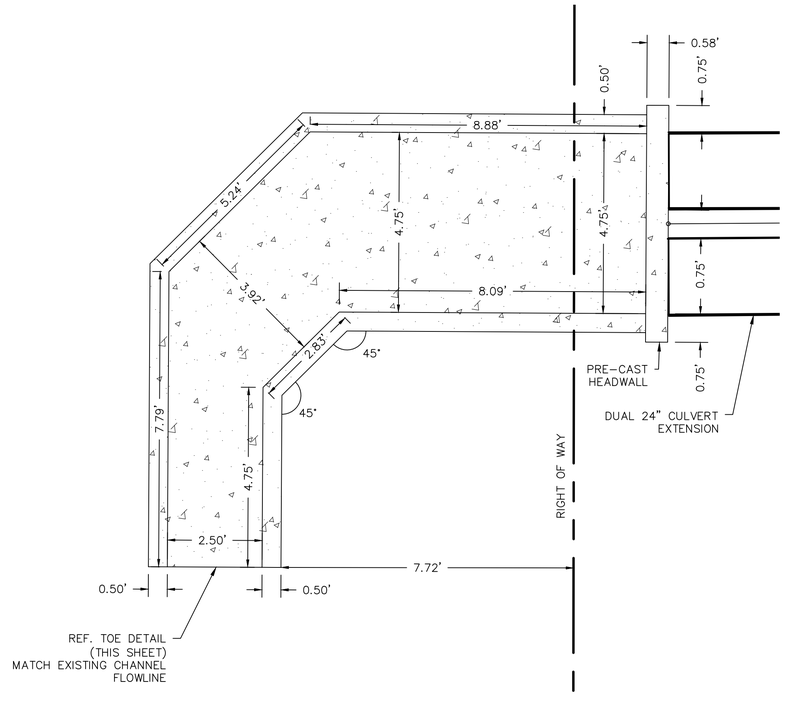
PROJECT NAME
SH-33 MULTI-MODAL PATHWAY
TETON COUNTY, IDAHO

COUNTY CULVERT EXTENSION PLAN AND PROFILE

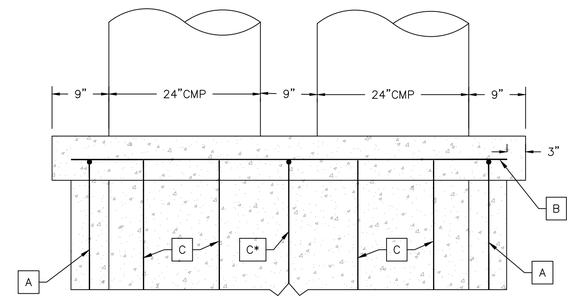
SHEET #
C6.2



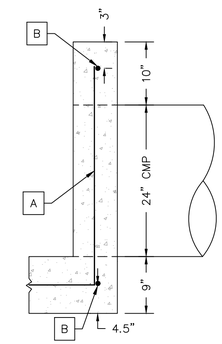
1 CAST-IN-PLACE CHANNEL A
C6.3 1"=2'



3 CAST-IN-PLACE CHANNEL B
C6.3 1"=2'



PLAN VIEW



SECTION VIEW

4 CAST-IN-PLACE CHANNEL B HEADWALL
C6.3 NOT TO SCALE

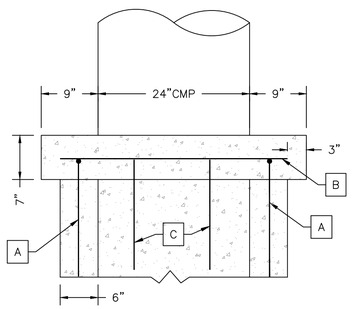
KEY

A. CONTINUOUS #4 REBAR BENT 90° FOR VERTICAL TO HORIZONTAL TRANSITION

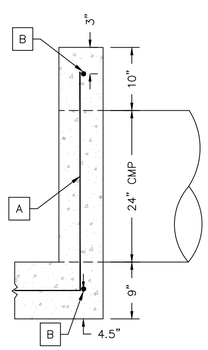
B. #4 REBAR AT TOP OF HEADWALL AND IN CENTER OF FLOOR SLAB

C. #4 REBAR AT 12" ON CENTER EACH WAY

* REBAR TO BE BENT 90° FOR HORIZONTAL TO VERTICAL TRANSITION



PLAN VIEW



SECTION VIEW

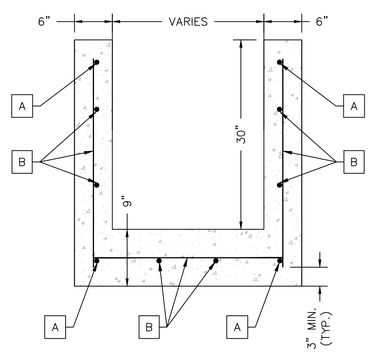
2 CAST-IN-PLACE CHANNEL A HEADWALL
C6.3 NOT TO SCALE

KEY

A. CONTINUOUS #4 REBAR BENT 90° FOR VERTICAL TO HORIZONTAL TRANSITION

B. #4 REBAR AT TOP OF HEADWALL AND IN CENTER OF FLOOR SLAB

C. #4 REBAR AT 12" ON CENTER EACH WAY

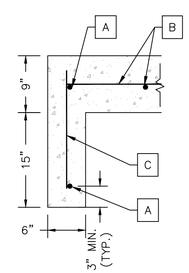


5 STANDARD CROSS-SECTION
C6.3 NOT TO SCALE

KEY

A. CONTINUOUS #4 REBAR

B. #4 REBAR AT 12" ON CENTER EACH WAY



6 STANDARD TOE SECTION
C6.3 NOT TO SCALE

KEY

A. CONTINUOUS #4 REBAR

B. #4 REBAR AT 12" ON CENTER EACH WAY

C. #4 REBAR AT 12" ON CENTER ONE WAY

NOTES

1. CAST-IN-PLACE STRUCTURES SHALL CONFORM TO SECTION 609 - MINOR STRUCTURES, OF THE CURRENT ITD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
2. METAL REINFORCEMENT SHALL BE NO. 4 BARS. ALL REINFORCEMENT SHALL HAVE A MINIMUM CONCRETE COVER OF 3".
3. ALL EDGES TO HAVE ¾" CHAMFER OR TOOLED EDGES.
4. ALL PIPE CULVERTS WITH A CONCRETE HEADWALL SHALL HAVE THE INLET HEADWALLS BEVELED. USE ENTRANCE LOSS COEFFICIENT Ke=0.2 FOR BEVELED ENTRANCES.

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½" = HALF SCALE

FILE : 23108_STM
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REVISIONS:	
CULVERT EXTENSION STRUCTURES MODIFIED	09/26/2024

PROJECT NAME
SH-33 MULTI-MODAL PATHWAY
TETON COUNTY, IDAHO
COUNTY CULVERT EXTENSION DETAILS

SHEET #
C6.3