ADDENDUM NO 2
TO
CONTRACT DOCUMENTS
FOR
JORDAN VALLEY WATER TREATMENT PLANT RECLAIM WATER AND SOLIDS HANDLING IMPROVEMENTS

[DISTRICT PROJECT NO.: 4072]

August 21, 2020

This addendum is hereby attached to and made part of the Contract Documents. The addendum consists of 9 pages of written text (including this cover sheet) and 3 pages of drawings. Each Bidder shall acknowledge receipt of this addendum on the bid (page C-1) and by signing and attaching this addendum to the bid.

The date of the pre-bid site visit remains as 3:00 pm on August 26, 2020 at the site of the work. The date of the receipt of bids remains as 3:00 pm on September 3, 2020.

JORDAN VALLEY WATER CONSERVANCY DISTRICT

David McLean

David McLean, PE
Senior Engineer

BIDDER'S CERTIFICATE

I acknowledge receipt of the foregoing Addendum No. 2 and accept all conditions contained therein.

Bidder:_____

By:_____
Signature

Date:_____

ADDENDUM NO 2
TO
CONTRACT DOCUMENTS
FOR
JORDAN VALLEY WATER TREATMENT PLANT RECLAIM WATER AND SOLIDS HANDLING IMPROVEMENTS

[DISTRICT PROJECT NO.: 4072]

August 21, 2020

Digitally signed by Alan M. Domonoske
Contact Info: Carollo Engineers, Inc.
Date: 2020.08.25 10:05:42-06'00'

REGISTERED PROFESSIONAL ENGINEER
No. 4804445
ALAN M. DOMONOSKE
STATE OF UTAH

I. CONTRACT DOCUMENTS VOLUME 1: BIDDING DOCUMENTS

A. Document 00410 BID SCHEDULE

1. Replace document in its entirety with the attached document.

II. CONTRACT DOCUMENTS VOLUME 1: TECHNICAL SPECIFICATIONS

A. Section 01110 SUMMARY OF WORK

1. Page 1, Article1.02. A., Add the following text to the end of the paragraph:

"; asphalt pavement improvements including crack fill, slurry seal, patch repair, subbase repairs, mill and overlay, remove and replace, new asphalt, gravel shoulders, pavement markings along roads and in parking lots, raise manhole risers and lids."

B. Section 01210 ALLOWANCES

1. Page 1, Article 1.02 A., Add the following as sub-section 3 for allowance:

"3. $10,000 for raising, lowering, or replacing valve boxes, handholes, vaults, and manhole rims if required and approved by Engineer to facilitate proper drainage due to pavement repairs and replacement."

C. Section 01292 SCHEDULE OF VALUES

1. Page 1, Article 1.02 E., Insert the following major work items as lines 10-17 and renumber the current 10-12 as 18-20.

"10. Slurry Seal.
11. Edge Mill and Overlay.
12. Overlay.
13. Asphalt Replacement.
14. New Asphalt.
15. Pavement Markings.
16. Subgrade Repair.
17. Raising Boxes and Manholes."

D. Section 02762 PAVEMENT MARKINGS

1. ADD attached section in its entirety.

III. CONTRACT DOCUMENTS VOLUME 4: DRAWINGS

A. Drawing TC02 CIVIL TYPICAL DETAILS 2

1. Replace drawing in its entirety with the attached drawing.

B. Drawing C11 PAVEMENT PLAN

1. Add attached drawing in its entirety.

C. Drawing C12 PAVEMENT SECTIONS

1. Add attached drawing in its entirety.

D. Drawing GS01 GENERAL STRUCTURAL NOTES

1. Replace the date "April 2020" with "June 2020".

2. Replace Sheet No. "22 OF 69" with "23 OF 70".

E. Drawing 2S01 WEIR VAULT - LOWER AND UPPER PLANS

1. Replace the date "April 2020" with "June 2020".

2. Replace Sheet No. "23 OF 69" with "24 OF 70".

F. Drawing 2S02 WEIR VAULT - SECTIONS

1. Replace the date "April 2020" with "June 2020".

2. Replace the Sheet No. "24 OF 69" with "25 OF 70".

G. Drawing N01 SYMBOLS AND ABBREVIATIONS - I

1. Replace valve tag "VAL 441" with "VAL 4441".

Replace Document in its Entirety

BID SCHEDULE[AD2]

1.01 Bidder will complete the Work in accordance with the Contract Documents for the Lump Sum Bid Price of:

$_____
(Price in figures)

_____
(Price in words)

1.02 Bidder shall complete the following bid breakdown representative of the lump sum bid price listed in paragraph 1.01. Fill in additional items as necessary so that the sum of the items in the bid breakdown totals the lump sum listed in paragraph 1.01.

Bid Item Number	Description	Price in Figures ($)
	Original Bid[AD2]	
1	Mobilization/General Conditions	$
2	Contractor's Required QA/QC Testing	$
3	Weir Vault	$
4	Recycle Pump Station No. 1 Pump and Pipe Modifications	$
5	Recycle Pump Station No. 2 VFD Replacement	$
6	Reclaim Pond Modifications	$
7	14-inch Backwash Return (BWR) Pipeline Installation	$
8	Lagoon Sludge (SL) Return Pipeline/Manhole Removal and Installation	$
9	Miscellaneous civil, electrical, and instrumentation work	$
10	Commissioning	$
11	Demobilization	$
12	Allowance Items (Total) as described in Section 01210 - Allowances	$55,000
	Original Bid Subtotal Lump Sum Bid Price	$
	Addendum No. 1	No Cost
	Addendum No. 2 Asphalt Pavement Improvements	
1	Area 1: Slurry Seal	$
2	Area 2: Slurry Seal	$

3	Area 3: Slurry Seal	$
4	Area 4: Slurry Seal	$
5	Area 5: Edge Mill and Overlay	$
6	Area 6: Edge Mill and Overlay	$
7	Area 7: Overlay	$
8	Area 8: Edge Mill and Overlay	$
9	Area 9: Asphalt Replacement	$
10	Area 10: Slurry Seal	$
11	Area 11: Overlay	$
12	Area 12: Overlay	$
13	Area 13: Slurry Seal	$
14	Area 14: Overlay	$
15	Area 15: Asphalt Replacement	$
16	Area 16: Overlay	$
17	Area 17: Slurry Seal	$
18	Area 18: Slurry Seal	$
19A	Area 19A: New Pavement	$
19B	Area 19B: New Pavement	$
19C	Area 19C: New Pavement	$
20	Area 20: New Subgrade	$
21	Area 21: Raise Manhole Lids	$
22	Area 22: Parking Lot Striping	$
23	Area 23: Parking Lot Striping	$
24	Subgrade Repair	$
25	Crack Seal	$
26	Allowance Item (Addendum No. 2) as described in Section 01210 - Allowances	$10,000[AD2]
	Addenda[AD2] Subtotal Lump Sum Bid Price	$
	Lump Sum Add or Deduct (Indicate Which):	$
TOTAL LUMP SUM BID AMOUNT (Including Addenda)[AD2]: (Total shall match Lump Sum Bid Price in 1.01)		**$**

END OF DOCUMENT

[AD2] Addendum No. 2

New Section

SECTION 02762[AD2]

PAVEMENT MARKINGS

PART 1 GENERAL

1.01 SUMMARY

A. Section includes: Pavement marking requirements for striping, text, and graphics; traffic signs.

1.02 SUBMITTALS

A. Product data.

B. Manufacturer's instructions.

1.03 QUALITY ASSURANCE

A. Applicator qualifications: Minimum 5 years of experience of applying traffic markings with satisfactory performance record.

B. Regulatory requirements: Comply with applicable requirements of governmental agencies having jurisdiction, including airborne emissions and industrial waste disposal requirements.

1.04 PROJECT CONDITIONS

A. Apply pavement marking paint when:
   1. Pavement is clean and thoroughly dry.
   2. Ambient temperature is above 40 degrees Fahrenheit.
   3. Precipitation is not expected within 12 hours of completion of application.

PART 2 PRODUCTS

2.01 PAVEMENT MARKING PAINT

A. Manufacturers: One of the following or equal:
   1. Dunn-Edwards Corp.
   2. Glidden Co.
   3. Sherwin Williams Co.

B. Materials:
   1. Pavement marking paint, alkyd based: One of the following or equal:
      a. Glidden: 63220 Series, UltraHide Traffic Paint.
      b. Sherwin Williams: ProMar Alkyd Traffic Marking Paint.
   2. Masonry conditioner: The following or equal:
      a. Sherwin Williams: B46WZ1000, Masonry Conditioner.

3. Colors:
    a. Text: White.
    b. Parking dividers: White.
    c. No parking zone markings: Yellow.
    d. No parking curb: Red.
    e. Handicap zone markings: Blue and white.
        1) Blue paint: Match color No. 15090 in Federal Standard 595A.
    f. Accessible parking dividers and accessible route: Yellow.
    g. Directional arrows: White.
    h. Driving lane dividers: White.

2.02 TRAFFIC SIGNS

A. Manufacturers: One of the following or equal:
    1. Seton Name Plate Co.
    2. Emedco.

B. Material, shapes, and graphics: Post mounted baked enamel on steel sheet, reflectorized to show the same shape and color both day and night, with mounting holes, in accordance with the Uniform Traffic Control Devices manual. Fasten sign to post with stainless steel bolts.

PART 3 EXECUTION

3.01 PREPARATION

A. Remove dirt, oil, grease, and other materials which may affect paint adhesion.

B. Apply masonry conditioner on weathered or sandblasted surfaces, brick, or stucco.

3.02 APPLICATION

A. Apply paint at package consistency whenever possible. Thin paint as little as possible.

B. Apply paint with specifically designed and manufactured equipment for pavement marking. Provide:
    1. Uniform straight edges without overspray.
    2. 4 inch wide lines, unless indicated otherwise.
    3. Hatching in handicap parking areas.

C. Provide striping between parking stalls as indicated on the Drawings:
    1. Identify parking spaces with text as indicated on the Drawings:
        a. Compact spaces: COMPACT.
        b. Carpool spaces: CARPOOL.
        c. Motorcycle spaces: MOTORCYCLE.
        d. Visitor spaces: VISITOR.

D. Apply paint to obtain thickness recommended by paint manufacturer.

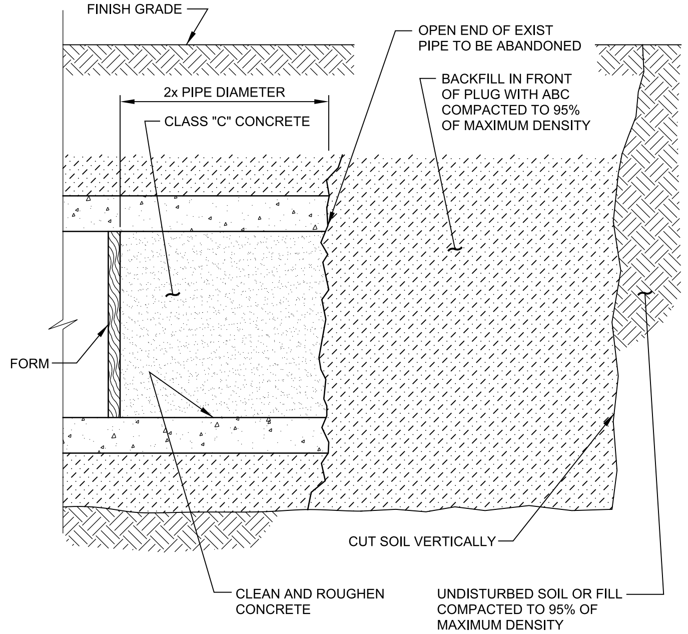
E. Paint traffic control markings, including striping, directional arrows, cross walks and lettering, and handicap striping and symbols as indicated on the Drawings and in accordance with local governing agency's standards. Use stencils for arrows, lettering, and symbols.

F. Apply 700 square inch international handicap symbol on pavement surface where indicated on the Drawings:
   1. On asphalt surfaces, paint blue symbol on white square.
   2. On concrete surfaces, paint white symbol on blue square.

G. Install traffic signs where indicated on the Drawings. Set post in concrete to depth to resist sign damage from wind speed of 100 miles per hour.

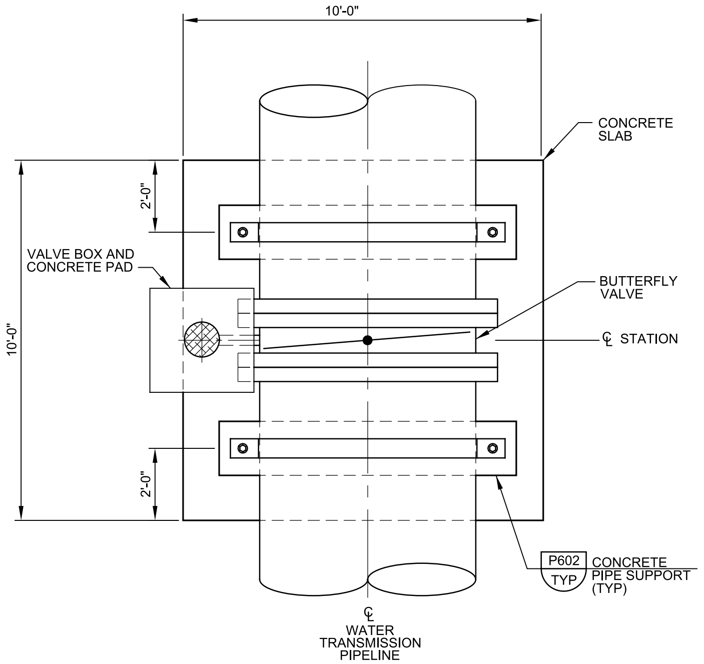
END OF SECTION

[AD2] Addendum No. 2



CP521 TYP RCP - PIPE PLUG, CONCRETE

05/21/19



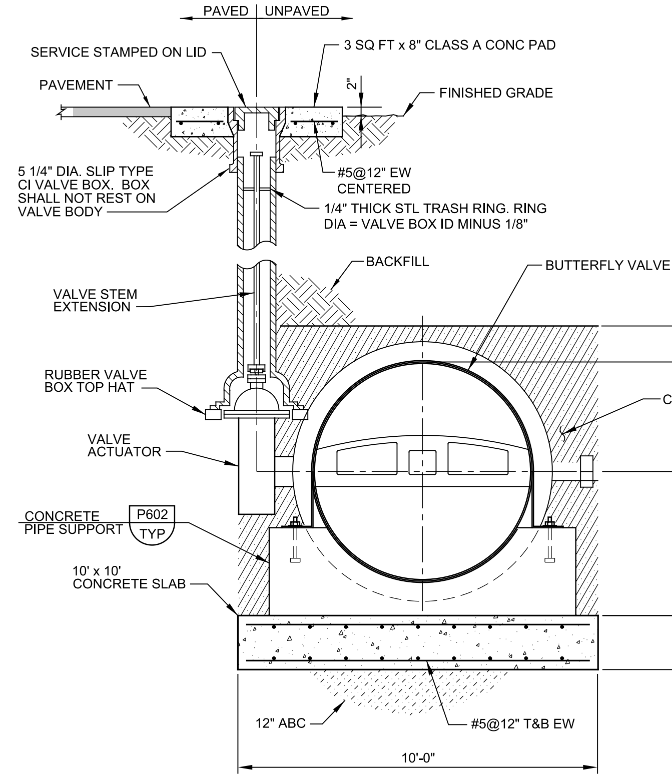
PLAN

NOTES:

1. ALL BURIED VALVES SHALL BE PROVIDED WITH EXTENSION STEM OPERATOR WITH 2" SQUARE AWWA NUT WITHIN 36" OF VALVE BOX COVER. INDICATE ON NUT DIRECTION OF ROTATION TO OPEN VALVE.
2. COAT BURIED PIPE AND VALVE BOX PER SPECIFICATIONS.
3. CLEAN VALVE BOX OF ALL DEBRIS AND SOIL.

CP715 TYP BUTTERFLY VALVE - DIRECT BURY

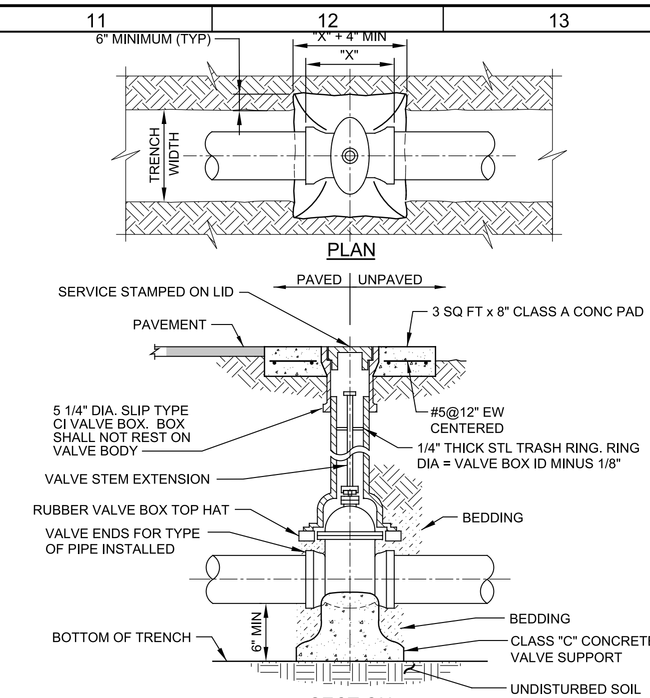
SHEET 1 OF 2 5/21/19



ELEVATION

CP715 TYP BUTTERFLY VALVE - DIRECT BURY

SHEET 2 OF 2 5/21/19



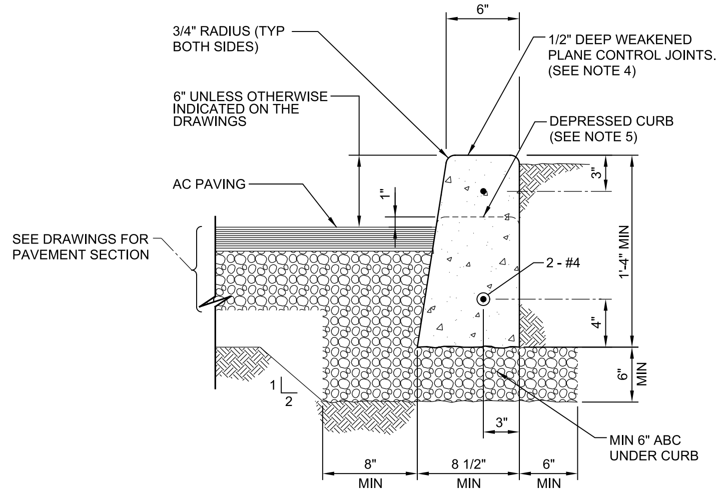
SECTION

NOTES:

1. ALL BURIED VALVES SHALL BE PROVIDED WITH EXTENSION STEM OPERATION WITH 2" SQUARE AWWA NUT WITHIN 36" OF VALVE BOX COVER. NUT IS TO INDICATE DIRECTION OF ROTATION TO OPEN VALVE.
2. COAT BURIED PIPE AND VALVE BOX AS SPECIFIED.
3. CLEAN VALVE BOX OF ALL DEBRIS AND SOIL.
4. VALVE TYPE AS INDICATED ON THE DRAWINGS.

CP716 TYP PLUG VALVE - DIRECT BURY

R 04/24/20



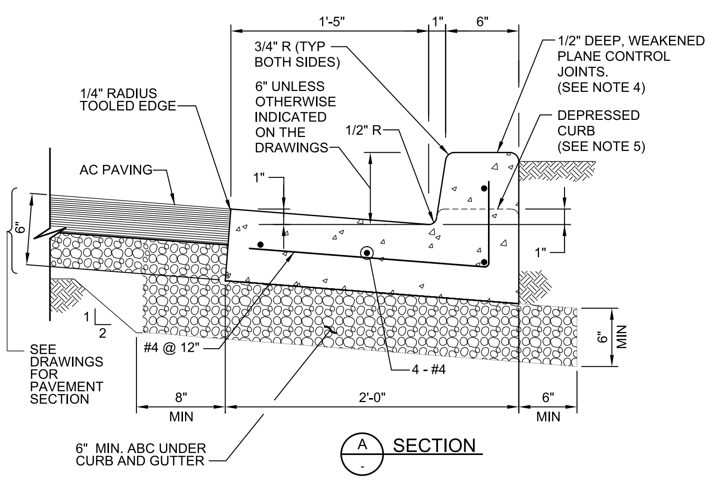
A - SECTION

NOTES:

1. FINISH CURB ON TOP, 8" DOWN FRONT FACE, AND 2" DOWN BACK.
2. PROVIDE 3/4" EXPANSION JOINTS AT ENDS OF CONCRETE PLACEMENT, AT POINTS OF CURVATURE, AT BOTH SIDES OF DRIVEWAYS AND WALKWAYS, AT CURB RETURNS, AT STRUCTURES, AND AT MAXIMUM SPACING OF 30 FEET. EXPANSION JOINTS SHALL BE 3/4" WIDE WITH 1/4" RADIUS CONCRETE EDGES AT BOTH SIDES OF JOINT. USE BITUMINOUS FIBER EXPANSI0N JOINT MATERIAL.
3. DO NOT PASS REINFORCING BARS THROUGH EXPANSION JOINTS.
4. PROVIDE WEAKENED PLANE JOINTS AT 10 FEET OC MAXIMUM. AT FRONT, TOP AND BACK FACES, PROVIDE 1/2" RADIUSED EDGE EACH SIDE AT JOINTS.
5. DEPRESS CURB AT DRIVEWAYS, ROADWAYS, SIDEWALKS FOR HANDICAPPED ACCESS, AND WHERE INDICATED ON THE DRAWINGS.

1 C100 TYP YARD CURBING

01/23/13



A - SECTION

NOTES:

1. FINISH CURB ON TOP, DOWN FRONT FACE AND ACROSS GUTTER TO PAVING, AND 2" DOWN BACK.
2. PROVIDE 3/4" EXPANSION JOINTS AT ENDS OF CONCRETE PLACEMENT, AT POINTS OF CURVATURE, AT BOTH SIDES OF DRIVEWAYS AND WALKWAYS, AT CURB RETURNS, AT STRUCTURES, AND AT MAXIMUM SPACING OF 30 FEET. EXPANSION JOINTS SHALL BE 3/4" WIDE WITH 1/4" RADIUS CONCRETE EDGES AT BOTH SIDES OF JOINT. USE BITUMINOUS FIBER EXPANSI0N JOINT MATERIAL.
3. DO NOT PASS REINFORCING BARS THROUGH EXPANSION JOINTS.
4. PROVIDE WEAKENED PLANE JOINTS AT 10 FEET OC MAXIMUM. AT FRONT, TOP AND BACK FACES, PROVIDE 1/2" RADIUSED EDGE EACH SIDE AT JOINTS.
5. DEPRESS CURB AT DRIVEWAYS, ROADWAYS, SIDEWALKS FOR HANDICAPPED ACCESS, AND WHERE INDICATED ON THE DRAWINGS.

C102 TYP YARD CURB AND GUTTER

01/23/13

REV	DATE	BY	DESCRIPTION
1	8-12-20	MED	ADDENDUM NO. 2 ASPHALT PAVEMENT IMPROVEMENTS

DESIGNED SSB
DRAWN TSD
CHECKED PAC
DATE AUGUST 2020

** ORIGINAL SEALED BY PATRICK A. CARLSON 6-17-2020 UT 4939129-2202 **

carollo®

JORDAN VALLEY WATER CONSERVANCY DISTRICT

JORDAN VALLEY WATER TREATMENT PLANT
RECLAIM WATER AND SOLIDS HANDLING IMPROVEMENTS
TYPICAL DETAILS
CIVIL TYPICAL DETAILS 2

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO. 10851A.10
DRAWING NO. TC02
SHEET NO. 60 OF 70

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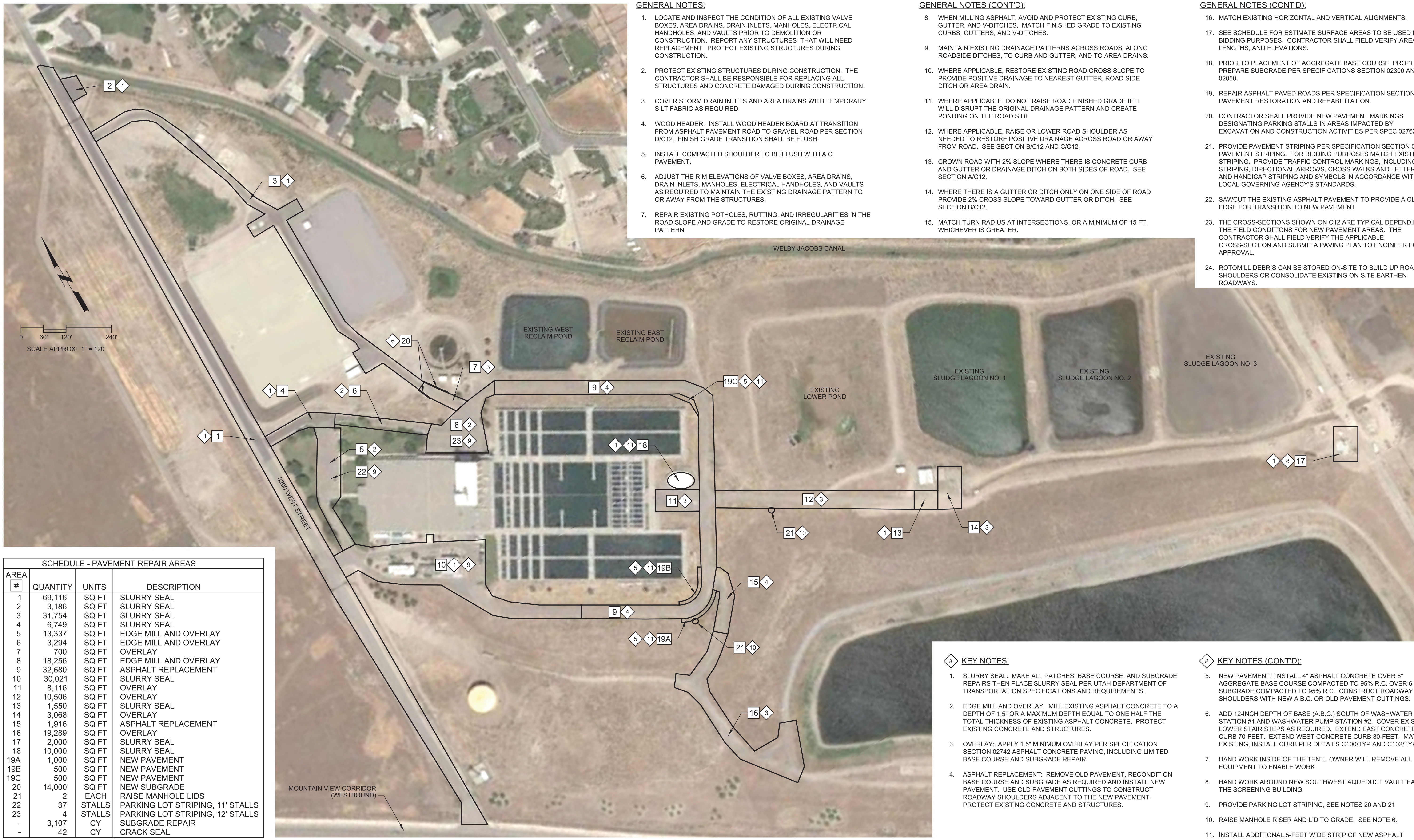

GENERAL NOTES:

1. LOCATE AND INSPECT THE CONDITION OF ALL EXISTING VALVE BOXES, AREA DRAINS, DRAIN INLETS, MANHOLES, ELECTRICAL HANDHOLES, AND VAULTS PRIOR TO DEMOLITION OR CONSTRUCTION. REPORT ANY STRUCTURES THAT WILL NEED REPLACEMENT. PROTECT EXISTING STRUCTURES DURING CONSTRUCTION.
2. PROTECT EXISTING STRUCTURES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL STRUCTURES AND CONCRETE DAMAGED DURING CONSTRUCTION.
3. COVER STORM DRAIN INLETS AND AREA DRAINS WITH TEMPORARY SILT FABRIC AS REQUIRED.
4. WOOD HEADER: INSTALL WOOD HEADER BOARD AT TRANSITION FROM ASPHALT PAVEMENT ROAD TO GRAVEL ROAD PER SECTION D/C12. FINISH GRADE TRANSITION SHALL BE FLUSH.
5. INSTALL COMPACTED SHOULDER TO BE FLUSH WITH A.C. PAVEMENT.
6. ADJUST THE RIM ELEVATIONS OF VALVE BOXES, AREA DRAINS, DRAIN INLETS, MANHOLES, ELECTRICAL HANDHOLES, AND VAULTS AS REQUIRED TO MAINTAIN THE EXISTING DRAINAGE PATTERN TO OR AWAY FROM THE STRUCTURES.
7. REPAIR EXISTING POTHOLES, RUTTING, AND IRREGULARITIES IN THE ROAD SLOPE AND GRADE TO RESTORE ORIGINAL DRAINAGE PATTERN.

GENERAL NOTES (CONT'D):

8. WHEN MILLING ASPHALT, AVOID AND PROTECT EXISTING CURB, GUTTER, AND V-DITCHES. MATCH FINISHED GRADE TO EXISTING CURBS, GUTTERS, AND V-DITCHES.
9. MAINTAIN EXISTING DRAINAGE PATTERNS ACROSS ROADS, ALONG ROADSIDE DITCHES, TO CURB AND GUTTER, AND TO AREA DRAINS.
10. WHERE APPLICABLE, RESTORE EXISTING ROAD CROSS SLOPE TO PROVIDE POSITIVE DRAINAGE TO NEAREST GUTTER, ROAD SIDE DITCH OR AREA DRAIN.
11. WHERE APPLICABLE, DO NOT RAISE ROAD FINISHED GRADE IF IT WILL DISRUPT THE ORIGINAL DRAINAGE PATTERN AND CREATE PONDING ON THE ROAD SIDE.
12. WHERE APPLICABLE, RAISE OR LOWER ROAD SHOULDER AS NEEDED TO RESTORE POSITIVE DRAINAGE ACROSS ROAD OR AWAY FROM ROAD. SEE SECTION B/C12 AND C/C12.
13. CROWN ROAD WITH 2% SLOPE WHERE THERE IS CONCRETE CURB AND GUTTER OR DRAINAGE DITCH ON BOTH SIDES OF ROAD. SEE SECTION A/C12.
14. WHERE THERE IS A GUTTER OR DITCH ONLY ON ONE SIDE OF ROAD PROVIDE 2% CROSS SLOPE TOWARD GUTTER OR DITCH. SEE SECTION B/C12.
15. MATCH TURN RADIUS AT INTERSECTIONS, OR A MINIMUM OF 15 FT, WHICHEVER IS GREATER.

GENERAL NOTES (CONT'D):

16. MATCH EXISTING HORIZONTAL AND VERTICAL ALIGNMENTS.
17. SEE SCHEDULE FOR ESTIMATE SURFACE AREAS TO BE USED FOR BIDDING PURPOSES. CONTRACTOR SHALL FIELD VERIFY AREAS, LENGTHS, AND ELEVATIONS.
18. PRIOR TO PLACEMENT OF AGGREGATE BASE COURSE, PROPERLY PREPARE SUBGRADE PER SPECIFICATIONS SECTION 02300 AND 02050.
19. REPAIR ASPHALT PAVED ROADS PER SPECIFICATION SECTION 02952 PAVEMENT RESTORATION AND REHABILITATION.
20. CONTRACTOR SHALL PROVIDE NEW PAVEMENT MARKINGS DESIGNATING PARKING STALLS IN AREAS IMPACTED BY EXCAVATION AND CONSTRUCTION ACTIVITIES PER SPEC 02762.
21. PROVIDE PAVEMENT STRIPING PER SPECIFICATION SECTION 02762 PAVEMENT STRIPING. FOR BIDDING PURPOSES MATCH EXISTING STRIPING. PROVIDE TRAFFIC CONTROL MARKINGS, INCLUDING STRIPING, DIRECTIONAL ARROWS, CROSS WALKS AND LETTERING, AND HANDICAP STRIPING AND SYMBOLS IN ACCORDANCE WITH LOCAL GOVERNING AGENCY'S STANDARDS.
22. SAWCUT THE EXISTING ASPHALT PAVEMENT TO PROVIDE A CLEAN EDGE FOR TRANSITION TO NEW PAVEMENT.
23. THE CROSS-SECTIONS SHOWN ON C12 ARE TYPICAL DEPENDING ON THE FIELD CONDITIONS FOR NEW PAVEMENT AREAS. THE CONTRACTOR SHALL FIELD VERIFY THE APPLICABLE CROSS-SECTION AND SUBMIT A PAVING PLAN TO ENGINEER FOR APPROVAL.
24. ROTOMILL DEBRIS CAN BE STORED ON-SITE TO BUILD UP ROAD SHOULDERS OR CONSOLIDATE EXISTING ON-SITE EARTHEN ROADWAYS.

SCHEDULE - PAVEMENT REPAIR AREAS

AREA #	QUANTITY	UNITS	DESCRIPTION
1	69,116	SQ FT	SLURRY SEAL
2	3,186	SQ FT	SLURRY SEAL
3	31,754	SQ FT	SLURRY SEAL
4	6,749	SQ FT	SLURRY SEAL
5	13,337	SQ FT	EDGE MILL AND OVERLAY
6	3,294	SQ FT	EDGE MILL AND OVERLAY
7	700	SQ FT	OVERLAY
8	18,256	SQ FT	EDGE MILL AND OVERLAY
9	32,680	SQ FT	ASPHALT REPLACEMENT
10	30,021	SQ FT	SLURRY SEAL
11	8,116	SQ FT	OVERLAY
12	10,506	SQ FT	OVERLAY
13	1,550	SQ FT	SLURRY SEAL
14	3,068	SQ FT	OVERLAY
15	1,916	SQ FT	ASPHALT REPLACEMENT
16	19,289	SQ FT	OVERLAY
17	2,000	SQ FT	SLURRY SEAL
18	10,000	SQ FT	SLURRY SEAL
19A	1,000	SQ FT	NEW PAVEMENT
19B	500	SQ FT	NEW PAVEMENT
19C	500	SQ FT	NEW PAVEMENT
20	14,000	SQ FT	NEW SUBGRADE
21	2	EACH	RAISE MANHOLE LIDS
22	37	STALLS	PARKING LOT STRIPING, 11' STALLS
23	4	STALLS	PARKING LOT STRIPING, 12' STALLS
-	3,107	CY	SUBGRADE REPAIR
-	42	CY	CRACK SEAL

KEY NOTES:

1. SLURRY SEAL: MAKE ALL PATCHES, BASE COURSE, AND SUBGRADE REPAIRS THEN PLACE SLURRY SEAL PER UTAH DEPARTMENT OF TRANSPORTATION SPECIFICATIONS AND REQUIREMENTS.
2. EDGE MILL AND OVERLAY: MILL EXISTING ASPHALT CONCRETE TO A DEPTH OF 1.5" OR A MAXIMUM DEPTH EQUAL TO ONE HALF THE TOTAL THICKNESS OF EXISTING ASPHALT CONCRETE. PROTECT EXISTING CONCRETE AND STRUCTURES.
3. OVERLAY: APPLY 1.5" MINIMUM OVERLAY PER SPECIFICATION SECTION 02742 ASPHALT CONCRETE PAVING, INCLUDING LIMITED BASE COURSE AND SUBGRADE REPAIR.
4. ASPHALT REPLACEMENT: REMOVE OLD PAVEMENT, RECONDITION BASE COURSE AND SUBGRADE AS REQUIRED AND INSTALL NEW PAVEMENT. USE OLD PAVEMENT CUTTINGS TO CONSTRUCT ROADWAY SHOULDERS ADJACENT TO THE NEW PAVEMENT. PROTECT EXISTING CONCRETE AND STRUCTURES.

KEY NOTES (CONT'D):

5. NEW PAVEMENT: INSTALL 4" ASPHALT CONCRETE OVER 6" AGGREGATE BASE COURSE COMPACTED TO 95% R.C. OVER 6" SUBGRADE COMPACTED TO 95% R.C. CONSTRUCT ROADWAY SHOULDERS WITH NEW A.B.C. OR OLD PAVEMENT CUTTINGS.
6. ADD 12-INCH DEPTH OF BASE (A.B.C.) SOUTH OF WASHWATER PUMP STATION #1 AND WASHWATER PUMP STATION #2. COVER EXISTING LOWER STAIR STEPS AS REQUIRED. EXTEND EAST CONCRETE CURB 70-FEET. EXTEND WEST CONCRETE CURB 30-FEET. MATCH EXISTING, INSTALL CURB PER DETAILS C100/TYP AND C102/TYP.
7. HAND WORK INSIDE OF THE TENT. OWNER WILL REMOVE ALL EQUIPMENT TO ENABLE WORK.
8. HAND WORK AROUND NEW SOUTHWEST AQUEDUCT VAULT EAST OF THE SCREENING BUILDING.
9. PROVIDE PARKING LOT STRIPING, SEE NOTES 20 AND 21.
10. RAISE MANHOLE RISER AND LID TO GRADE. SEE NOTE 6.
11. INSTALL ADDITIONAL 5-FEET WIDE STRIP OF NEW ASPHALT PAVEMENT TO INSIDE OR OUTSIDE TURN RADIUS.

REV	DATE	BY	DESCRIPTION
1	8-12-20	MED	ADDENDUM NO. 2 ASPHALT PAVEMENT IMPROVEMENTS
1	8-12-20	MED	ADDENDUM NO. 2 - NEW SHEET

DESIGNED MED
DRAWN TSD
CHECKED RH
DATE AUGUST 2020

REGISTERED PROFESSIONAL ENGINEER No. 4939129-2202 PATRICK A. CARLSON STATE OF UTAH

carollo®

JORDAN VALLEY WATER CONSERVANCY DISTRICT

JORDAN VALLEY WATER TREATMENT PLANT
RECLAIM WATER AND SOLIDS HANDLING IMPROVEMENTS
CIVIL
PAVEMENT PLAN

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO. 10851A.10
DRAWING NO. C11
SHEET NO. 22A OF 70

LAST SAVED BY: tdonnell

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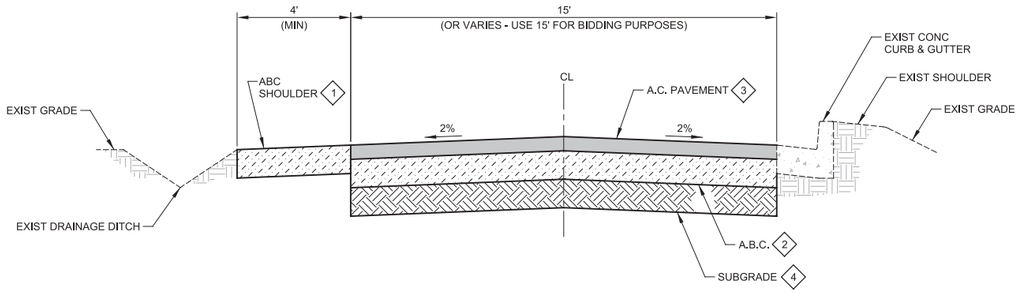
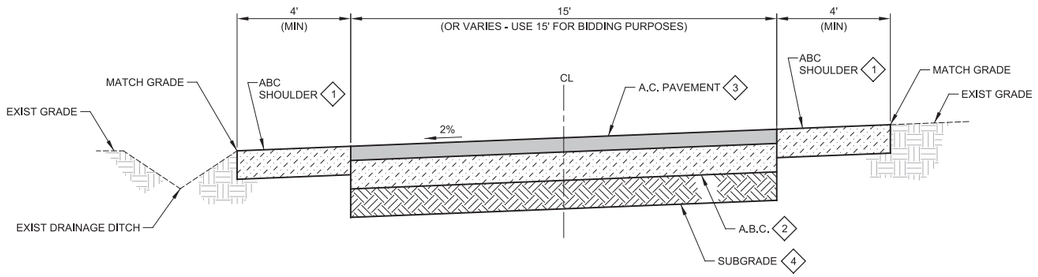


A SECTION - PAVED ACCESS ROAD W/ CROWN CURB AND GUTTER OR DRAINAGE DITCH ON BOTH SIDES

C11

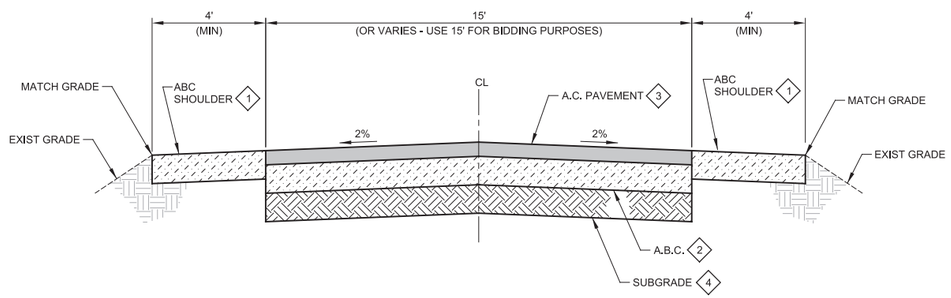
SCALE: NTS
FILE: 10851A100C304



B SECTION - PAVED ACCESS ROAD W/ CROSS SLOPE CURB AND GUTTER OR DRAINAGE DITCH ON ONE SIDE

C11

SCALE: NTS
FILE: 10851A100C304



C SECTION - PAVED ACCESS ROAD W/ CROWN

C11

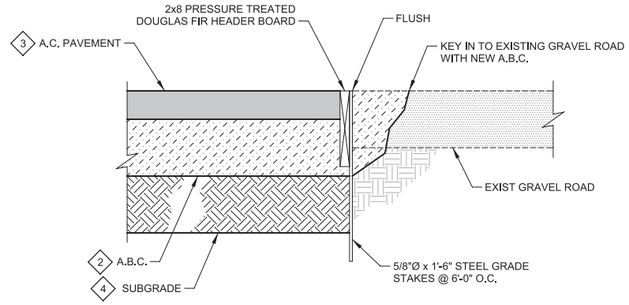
SCALE: NTS
FILE: 10851A100C304

GENERAL NOTES:

1. THE CROSS-SECTIONS SHOWN ON C12 ARE TYPICAL DEPENDING ON THE FIELD CONDITIONS FOR NEW PAVEMENT AREAS. THE CONTRACTOR SHALL FIELD VERIFY THE APPLICABLE CROSS-SECTION AND SUBMIT A PAVING PLAN TO ENGINEER FOR APPROVAL.

KEY NOTES:

1. INSTALL 6" THICK AGGREGATE BASE COURSE (A.B.C.) SHOULDER COMPACTED TO 95% OF MAXIMUM DENSITY. MATCH WIDTH OF EXISTING SHOULDER OR, 4 FT MINIMUM, WHICH EVER IS GREATER. MATCH FINISHED GRADE OF SHOULDER TO EDGE OF PAVEMENT.
2. INSTALL AGGREGATE BASE COURSE (A.B.C.) TO MATCH EXISTING THICKNESS OR 6" MINIMUM, WHICH EVER IS GREATER, COMPACTED TO 95% OF MAXIMUM DENSITY PER SPECIFICATION SECTION 02050 SOILS AND AGGREGATES FOR EARTHWORK AND SECTION 02300 EARTHWORK.
3. INSTALL 4" ASPHALT CONCRETE PAVEMENT IN TWO LIFTS WITH TACK COAT IN BETWEEN, COMPACT TO 95% OF THEORETICAL MAXIMUM DENSITY, PER SPECIFICATION SECTION 02742 ASPHALTIC CONCRETE PAVING.
4. SCARIFY SUBGRADE TO A DEPTH OF 6" AND COMPACT TO 95% OF MAXIMUM DENSITY PER SPECIFICATION SECTION 02300 EARTHWORK.



D SECTION - A.C. PAVEMENT AND GRAVEL ROAD TRANSITION

C11

SCALE: NTS
FILE: 10851A100C304

REV	DATE	BY	DESCRIPTION
1	8-12-20	MED	ADDENDUM NO. 2 ASPHALT PAVEMENT IMPROVEMENTS
1	8-12-20	MED	ADDENDUM NO. 2 - NEW SHEET

DESIGNED MED
DRAWN TSD
CHECKED RH
DATE AUGUST 2020

REGISTERED PROFESSIONAL ENGINEER
No. 4939129-2202
PATRICK A. CARLSON
STATE OF UTAH

carollo

JORDAN VALLEY WATER CONSERVANCY DISTRICT

JORDAN VALLEY WATER TREATMENT PLANT
RECLAIM WATER AND SOLIDS HANDLING IMPROVEMENTS
CIVIL
PAVEMENT SECTIONS

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO. 10851A.10
DRAWING NO. C12
SHEET NO. 22B OF 70

PROJECT NO. 10851A.10 FILE NAME: 10851A1000C12.dgn

LAST SAVED BY: tdonnell Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo_Std_Pen_v0905.pen PlotScale: 2:1 User: svcPW Plot Date: 23-AUG-2020 2:07:25 PM