



Memorandum

APRIL 4, 2022

CONTRACT NO. 1756

SHALLOW CUT INTERCEPTOR INSPECTION

ADDENDUM NO. 1

All bidders bidding Contract No. 1756 shall read and take note of this Addendum No. 1. The Contract Documents for **Contract No. 1756 – SHALLOW CUT INTERCEPTOR INSPECTION** are hereby revised and/or clarified as stated below.

Acknowledgement of Contract No. 1756; Addendum No. 1

The Acknowledgement attached to Addendum No. 1 is to be signed and returned immediately via email to **Kathleen Uniatowski** at contract.clerks@alcosan.org and acknowledged with Bidder's Proposal.

Michael Lichte, P.E.

Director – Regional Conveyance

APRIL 4, 2022

CONTRACT NO. 1756

SHALLOW CUT INTERCEPTOR INSPECTION

ADDENDUM NO. 1

FIRM NAME: _____

SIGNATURE: _____

TITLE: _____

DATE: _____

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ADDENDUM NO. 1

INDEX OF ATTACHMENTS

Attachment A Additional Task 8 Drawings

Attachment B Pre-Bid Meeting Minutes

Attachment C Pre-Bid Meeting Presentation Slides

Attachment D Pre-Bid Meeting Sign-In Sheet

APRIL 4, 2022

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SHALLOW CUT INTERCEPTOR INSPECTION

ADDENDUM NO. 1

A. Contract Documents

1. *(No Items)*

B. Contract Specifications

1. *(No Items)*

D. Contract Drawings

1. *Add drawings “CONTOUR GRADING AND DRAINAGE” and “STRUCTURE 0-40-00 PLAN AND PROFILE” to the “1756 Task 8 – Ohio River Drawing Set”. See Attached.*

E. Questions

1. *(No Items)*

F. Pre-Bid Meeting Correction

1. *As stated in the pre-bid meeting, Article 7 shall apply. Correction is being made to clarify that Article 7 – Prevailing Wages **does not apply** to this contract. Since this is a maintenance contract and not the construction of new facilities, Article 7 does not apply to this contract.*

APRIL 4, 2022

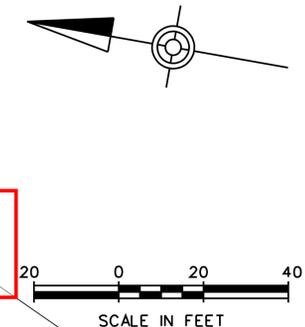
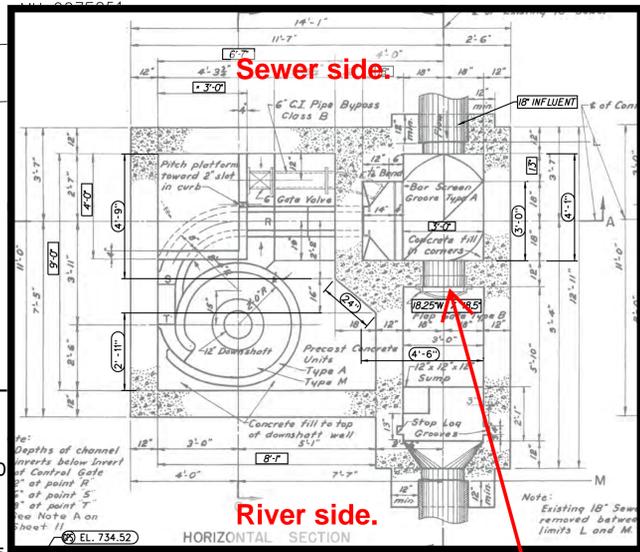
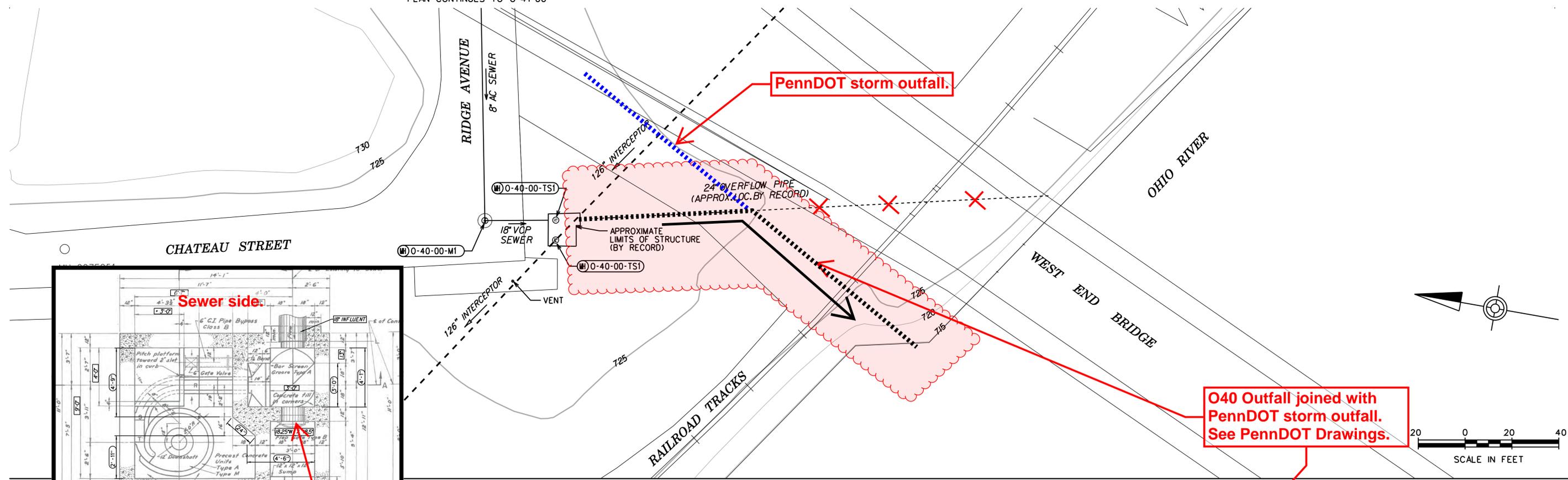
CONTRACT NO. 1756

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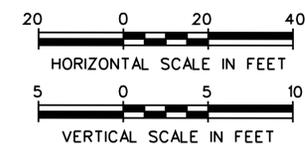
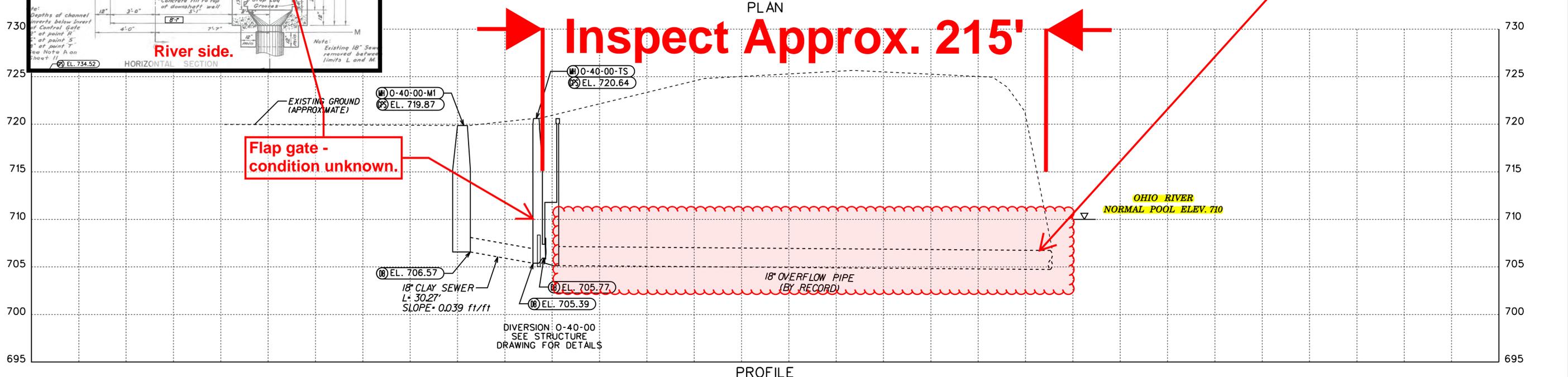
ATTACHMENT A ADDITIONAL TASK 8 DRAWINGS

PLAN CONTINUES TO O-41-00



Site Location: City of Pittsburgh

Inspect Approx. 215'

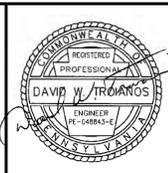


- NOTES:
1. BASE MAPPING SOURCE: 1992 ALLEGHENY COUNTY AERIAL (CONTOURS & PLANIMETRICS). NO SUPPLEMENTAL SITE MAPPING WORK WAS CONDUCTED AS PART OF THIS PROJECT.
 2. THE LOCATIONS AND SIZES OF THE TUNNEL AND SHALLOW INTERCEPTOR SEWERS ARE SHOWN BASED ON RECORD DRAWING INFORMATION FROM THE DIVERSION STRUCTURE SITES ONLY.
 3. PIPES IN PLAN VIEW ARE NOT DRAWN AT THEIR ACTUAL DIAMETER.
 4. OTHER EXISTING UTILITIES ARE NOT SHOWN.
 5. DIVERSION AND MANHOLE STRUCTURES ARE DRAWN SCHEMATICALLY. PROFILES REPRESENT APPROXIMATE INTERIOR DIMENSIONS AND CONFIGURATIONS OF PIPES AND STRUCTURES. REFER TO STRUCTURE DETAIL DRAWINGS AND DATABASE FOR ADDITIONAL INFORMATION.

LEGEND AND ABBREVIATIONS

(M) A-01-00 TS POINT ID.

"TS"-TOWNSIDE "PS"-PLANTSIDE "RS"-RIVERSIDE
 "HW"-HEADWALL "OF"-OUTFALL "MH"-MANHOLE
 "DB"-DATABASE ELEV. "GPS"-GPS SURVEY POINT
 "REC"-ELEVATION BY RECORD
 "CI"-CAST IRON PIPE "VCP"-VITRIFIED CLAY PIPE
 "RC"-REINFORCED CONCRETE PIPE
 "AC"-ASBESTOS CEMENT PIPE "CMP"-CORRUG. METAL



Baker
Engineering & Energy

ARLETTA SCOTT WILLIAMS
EXECUTIVE DIRECTOR, ALCO SAN

REV.	DESCRIPTION	DATE	APP.
5			
4			
3			
2			
1			

ALLEGHENY COUNTY SANITARY AUTHORITY
WASTEWATER TREATMENT PLANT
PITTSBURGH, PENNSYLVANIA

INTERCEPTING SEWERS
OHIO RIVER

TREATMENT PLANT TO POINT

STRUCTURE O-40-00
PLAN AND PROFILE

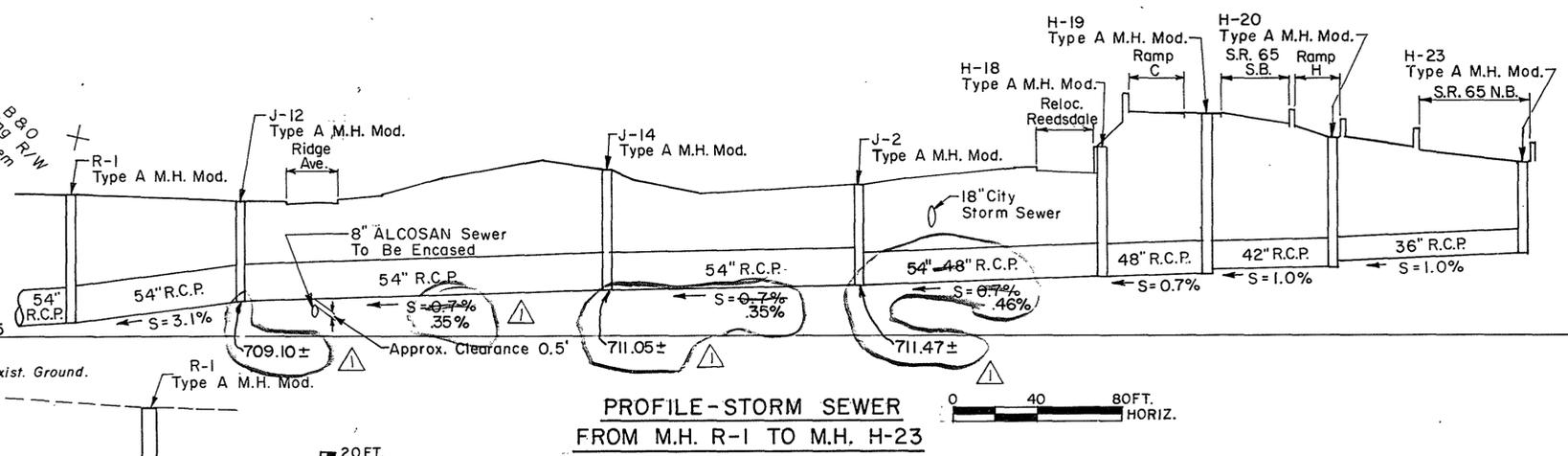
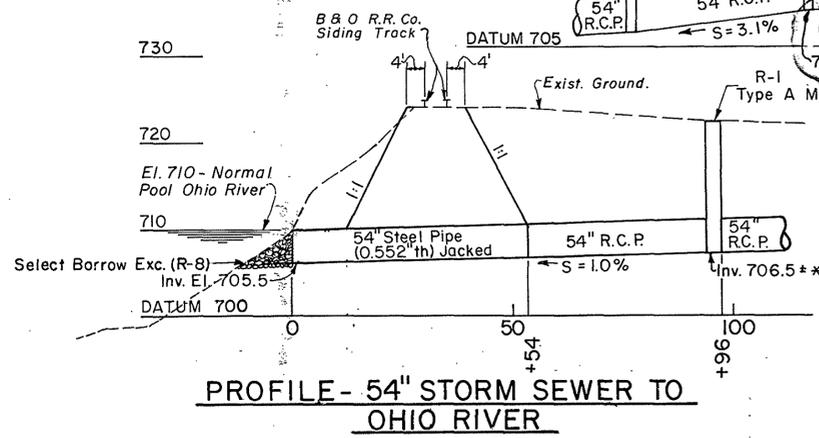
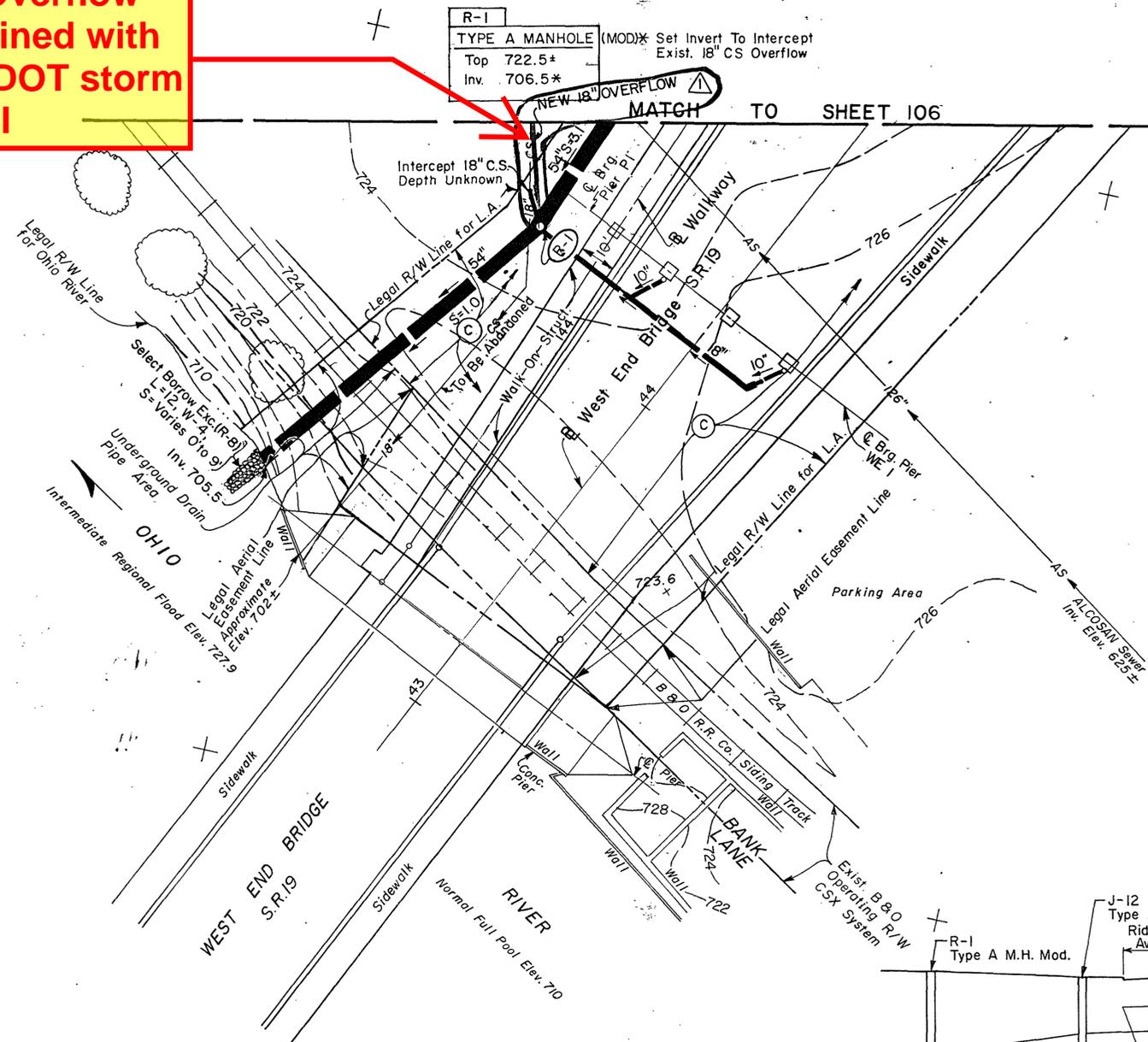
SCALE: AS SHOWN CONTRACT NO. 46 SHEET NO. OF

FILENAME: P:\Projects\ALCOSAN_CSO\Plan_Pro\PROFILES-OH_CONT-46.dgn
DATE PLOTTED: 01/25/2006

BAKER TEAM
DRAWN BY: B.G.D.
CHECKED BY: D.W.T.
EXAMINED BY:

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	65	4C	114 OF 127
CITY OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	
1	AS-BUILT REVISIONS	7-21-92	J.R.C.	

O40 Overflow combined with PennDOT storm outfall



CONTOUR GRADING & DRAINAGE

Drainage Notes	101
Legend	101
Plan	83
Reference Drawings	Sheet

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0*	ALLEGHENY	65	4C	106 OF 127
CITY OF PITTSBURGH				
REVISION NUMBER	REVISIONS			DATE BY
AS-BUILT REVISIONS				7-21-92 J.R.C.

J-1	TYPE A MANHOLE
Top 722.5	
Inv. 717.5	

J-2	TYPE A MANHOLE, MOD.
Top 723.1*	
Inv. 711.7	

J-3	TYPE A MANHOLE
Top 724.4 ±	
Inv. 718.2	

J-4	MANHOLE (CITY)
Top 724.3 ±	
Inv. 712.0	

J-5	TYPE A MANHOLE
Top 723.0*	
Inv. 718.0	

J-6	STORM INLET TYPE 9
Top 725.3 ±	
Inv. 721.4	

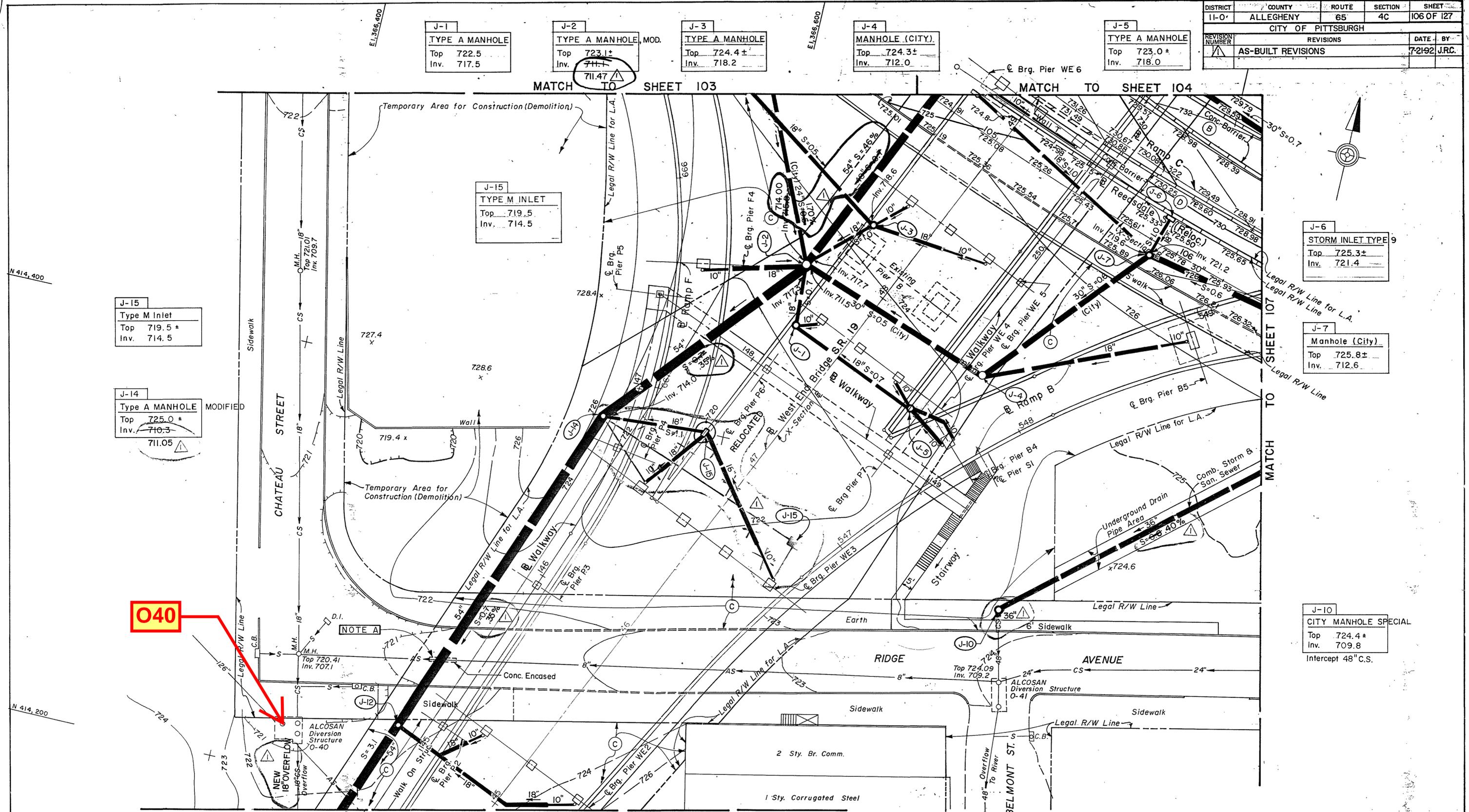
J-7	Manhole (City)
Top 725.8 ±	
Inv. 712.6	

J-10	CITY MANHOLE SPECIAL
Top 724.4*	
Inv. 709.8	
Intercept 48" C.S.	

J-15	Type M Inlet
Top 719.5*	
Inv. 714.5	

J-14	Type A MANHOLE MODIFIED
Top 725.0*	
Inv. 710.3	
711.05	

J-12	TYPE A MANHOLE (MOD.)
Top 721.2*	
Inv. 709.1	
710.44	



MATCH TO SHEET 103

MATCH TO SHEET 104

MATCH TO SHEET 114

NOTE A: Sewer Crossing Elevations Are Critical. Verify 8" San. Sewer Elev. Prior To 54" Sewer Construction.

CONTOUR GRADING & DRAINAGE

Profile - Sewer From M.H. J-2 To M.H. R-1	114
Drainage Notes	101
Legend	101
Plan	75
Reference Drawings	Sheet

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	65	4C	107 OF 127
CITY OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	
1	AS-BUILT REVISIONS	7-21-92	J.R.C.	

K-1 TYPE M INLET T.G. 728.53 Inv. 723.5	K-2 TYPE M INLET T.G. 729.19 Inv. 723.9	K-3 TYPE M INLET T.G. 728.12 Inv. 722.9	K-4 TYPE M INLET T.G. 729.38 Inv. 724.4	K-5 TYPE M INLET T.G. 730.15 Inv. 725.9	K-6 TYPE M INLET T.G. 731.50 Inv. 724.9
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K-23 TYPE A MANHOLE Top 729.30 18" Inv. In 723.6 Inv. 714.9

K-22 TYPE A MANHOLE Top 729.8* 18" Inv. In 721.5 Inv. 715.1

K-21 TYPE M INLET T.G. 726.76 Inv. 721.8

K-20 TYPE A MANHOLE Top 725.97 Inv. 715.6
--

K-19 DROP MANHOLE (CITY) Top 726.14 Inv. 711.3

K-18 TYPE A MANHOLE Top 728.1* 18" Inv. In 719.9 Inv. 715.9

K-17 TYPE M INLET T.G. 725.13 Inv. 720.1

K-16 MANHOLE (CITY) Top 725.23 Inv. 714.2
--

K-15 STORM INLET, TYPE 9 T.G. 725.04 Inv. 721.0
--

K-14 STORM INLET, TYPE II T.G. 724.34 Inv. 720.0

K-13 MANHOLE (CITY) Top 724.16 Inv. 713.1 Connect Exist. 24" C.S. To M.H. for Cleanout

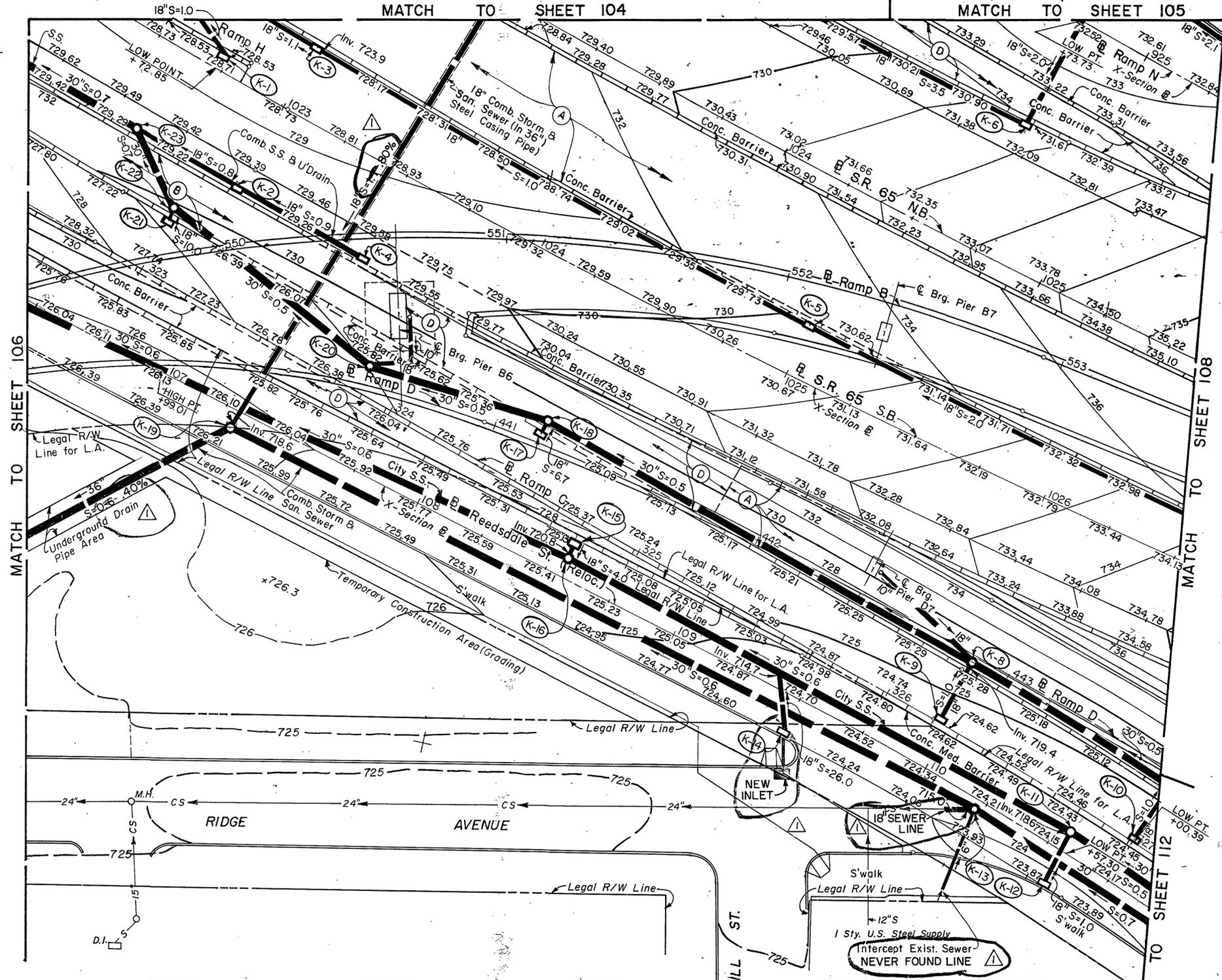
K-8 TYPE A MANHOLE Top 726.9* 18" Inv. In 719.4 Rt. Inv. 716.8
--

K-9 TYPE M INLET Top 724.64 Inv. 719.6

K-10 TYPE M INLET T.G. 724.44 Inv. 719.4

K-11 MANHOLE (CITY) Top 724.29 Inv. 715.4
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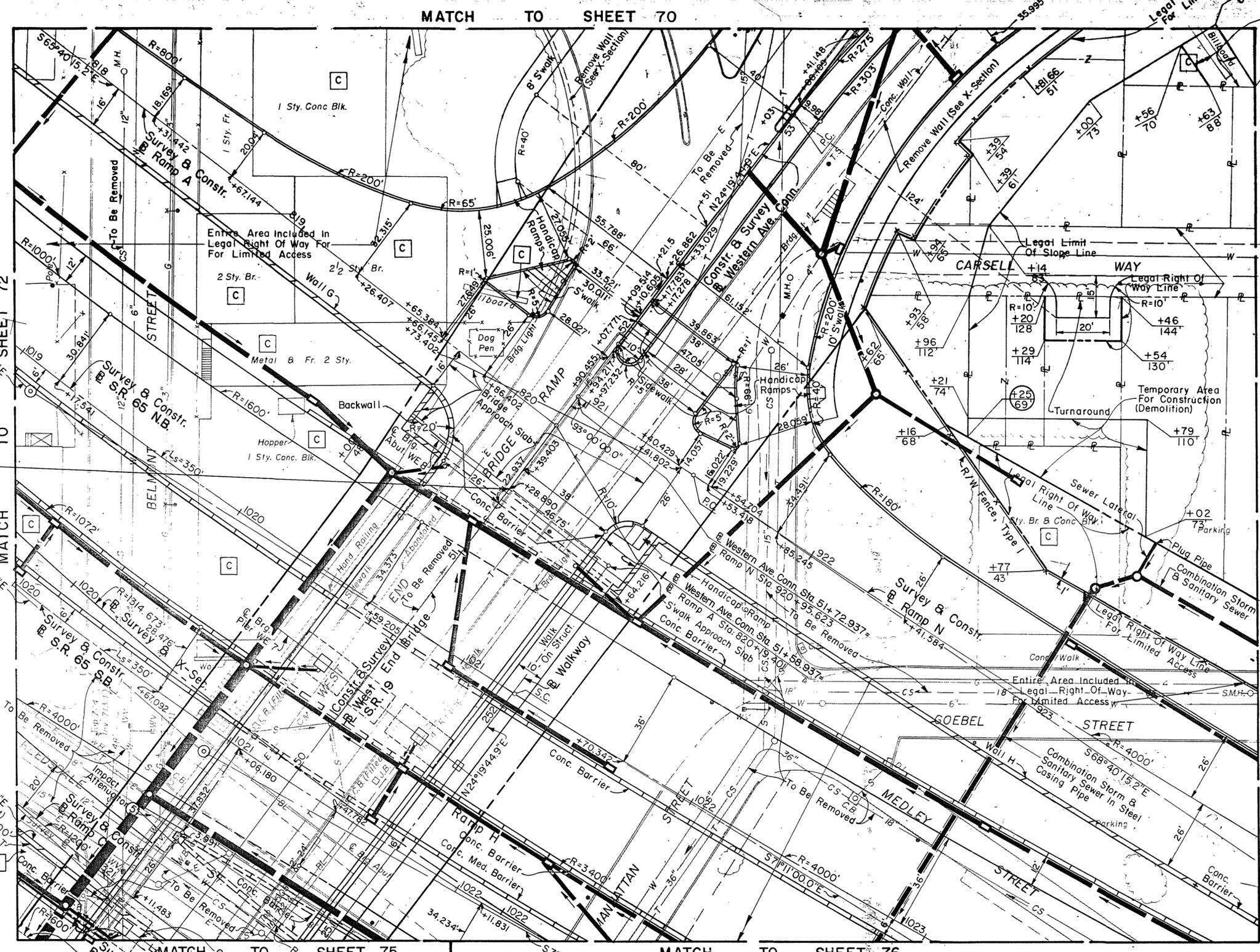
K-12 STORM INLET TYPE II T.G. 723.79 Inv. 718.8
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CONTOUR GRADING & DRAINAGE

Drainage Notes	101
Legend	101
Plan	76
Reference Drawings	Sheet

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
II-O	ALLEGHENY	65	4C	73 OF 127
CITY OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	



STOP WORK
 SR. 19 SEC. 007
 SEG 0280 & 0281 OFFSET 2144
 START WORK
 STA. 51+29.00
 WESTERN AVE. CONN.

P.I. 1016
 @ S.R. 65 N.B.
 P.I. Sta. 1019+12.072
 Rc = 925.000'
 Gs = 13°20'47.2"
 Ls = 350.000'
 k = 174.791'
 k' = 12.350'
 P = 4.237'
 Xc = 345.737'
 Yc = 48.980'
 T1 = 139.285'
 T2 = 212.182'
 L.C. = 349.189'
 Rc = 4000.000'
 C.S. Sta. 1017+72.787
 S.C. Sta. 1021+22.787

P.I. 2016
 @ S.R. 65 S.B.
 P.I. Sta. 1020+94.786
 Rc = 1100.000'
 Gs = 11°37'18.9"
 Ls = 750.000'
 k = 174.824'
 k' = 10.577'
 P = 3.361'
 Xc = 346.847'
 Yc = 42.054'
 T1 = 142.374'
 T2 = 208.753'
 L.C. = 349.387'
 Rc = 4000.000'
 C.S. Sta. 1019+52.392
 S.C. Sta. 1023+02.392

NOTE:
 S.R. 65 Sec. 4C
 Steel Girder Structure
 S.R. 19
 Sta. 50+00 Over S.R. 65 Sta. 1021+00
 S-16673
 Span-Varies
 Skew-None
 Clearance -14.50'
 Roadway Width - Varies 16' To 100'

Contour Grading & Drainage	104
Profile - Reedsdale St. (Reloc.)	100
Profile - West End Bridge S.R. 19	97
Profile - Ramp N	93
Profile - Ramp C	95
Profile - Ramp A	93
Profile - S.R. 65 N.B.	89
Profile - S.R. 65 S.B.	91
Geom. Plan	117, 120
Reference Drawings	Sheet

NOTE:
 All Utilities On This Sheet
 Are To Be Abandoned Unless
 Noted Otherwise.

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
11-0	ALLEGHENY	65	4C	75 OF 127
CITY OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	
1	AS-BUILT REVISIONS	7-4-92	J.R.C.	

MATCH TO SHEET 72

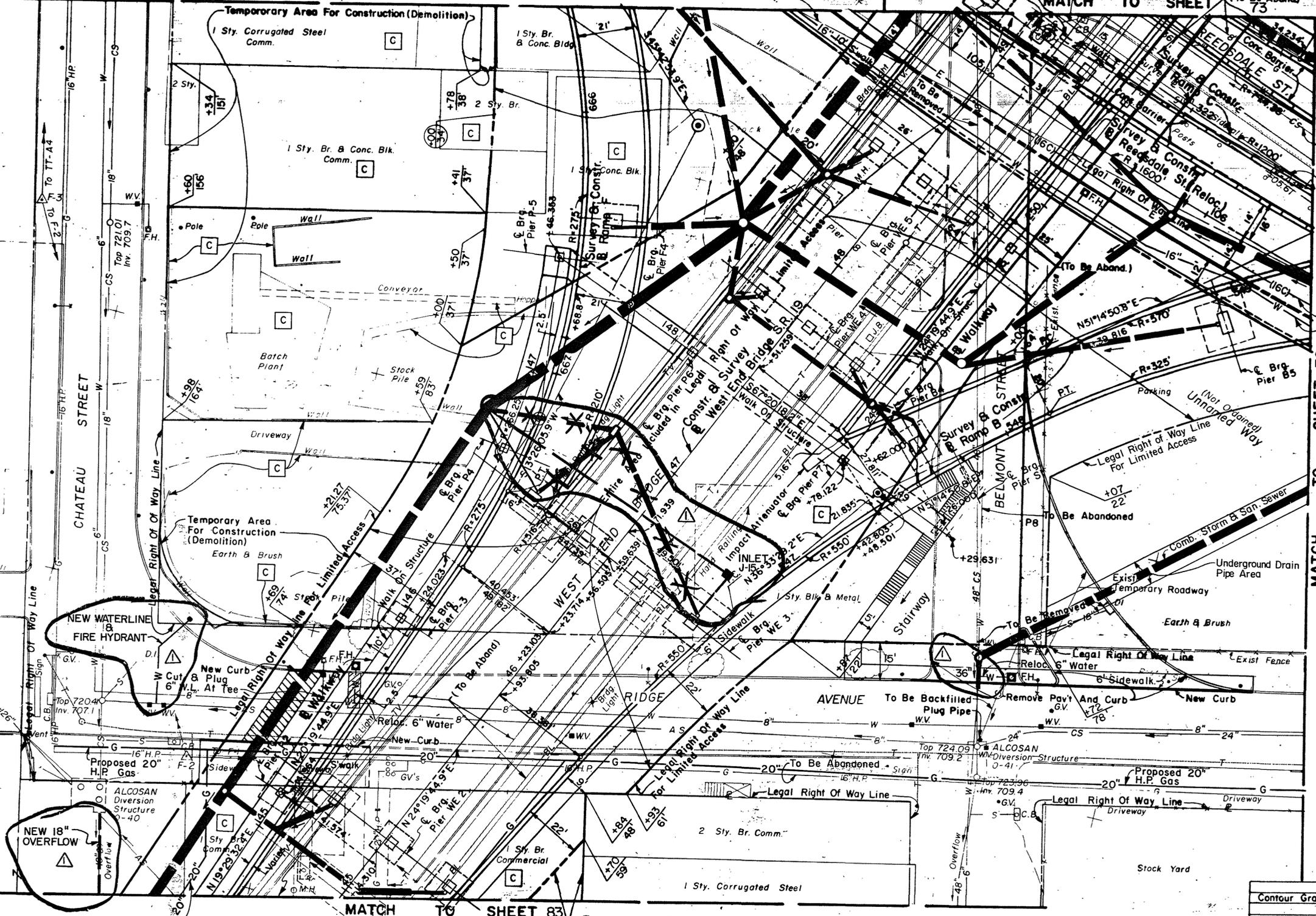
MATCH TO SHEET 73

PI. 3410
 Ramp B
 PI. Sta. 547+47.492
 $\Delta = 14^\circ 41' 21.7''$ Rt.
 $D = 10^\circ 25' 02.7''$
 $T = 70.893'$
 $L = 141.008'$
 $R = 550.000'$
 $E = 4.550'$
 $S.E. = 0.049\%$
 PC. Sta. 546+76.599
 PT. Sta. 548+17.607 Bk.

PI. 3610
 Ramp C
 PI. Sta. 321+39.000
 $\Delta = 13^\circ 25' 24.9''$ Lt.
 $D = 4^\circ 46' 28.8''$
 $T = 141.218'$
 $L = 281.143'$
 $R = 1200.000'$
 $E = 8.281'$
 $S.E. = 0.055\%$
 PC. Sta. 319+97.782
 PT. Sta. 322+78.925

PI. 4030
 Ramp F
 PI. Sta. 666+20.425
 $\Delta = 59^\circ 08' 59.7''$ Rt.
 $D = 20^\circ 50' 05.4''$
 $T = 156.063'$
 $L = 283.899'$
 $R = 275.000'$
 $E = 41.197'$
 $S.E. = 0.06\%$
 PC. Sta. 664+64.362
 PT. Sta. 667+48.261

Walkway
 PI. Sta. 146+86.287
 $\Delta = 26^\circ 19' 30.1''$
 $D = 21^\circ 31' 10.4''$
 $T = 62.265'$
 $L = 122.331'$
 $R = 266.250'$
 $E = 7.184'$
 $S.E. = \text{None}$
 PC. Sta. 146+24.023
 PT. Sta. 147+46.353



NOTE: Pipe Trench Pav't. Replacement
 Unless Noted Otherwise All Utilities On This Sheet Are To Remain. Utilities On West End Bridge To Be Abandoned.

Contour Grading & Drainage	106
Profile - Ramp C	95
Profile - Reedsdale St. (Reloc.)	100
Profile - Ramp F	96
Profile - Ramp B	94
Profile - West End Bridge BR 19	97
Geom. Plan	117, 120
Reference Drawings	Sheet

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
II-O	ALLEGHENY	65	4C	76 OF 127
CITY OF PITTSBURGH				
REVISION NUMBER	REVISIONS	DATE	BY	
1	AS-BUILT REVISIONS	7/13/92	J.R.C.	

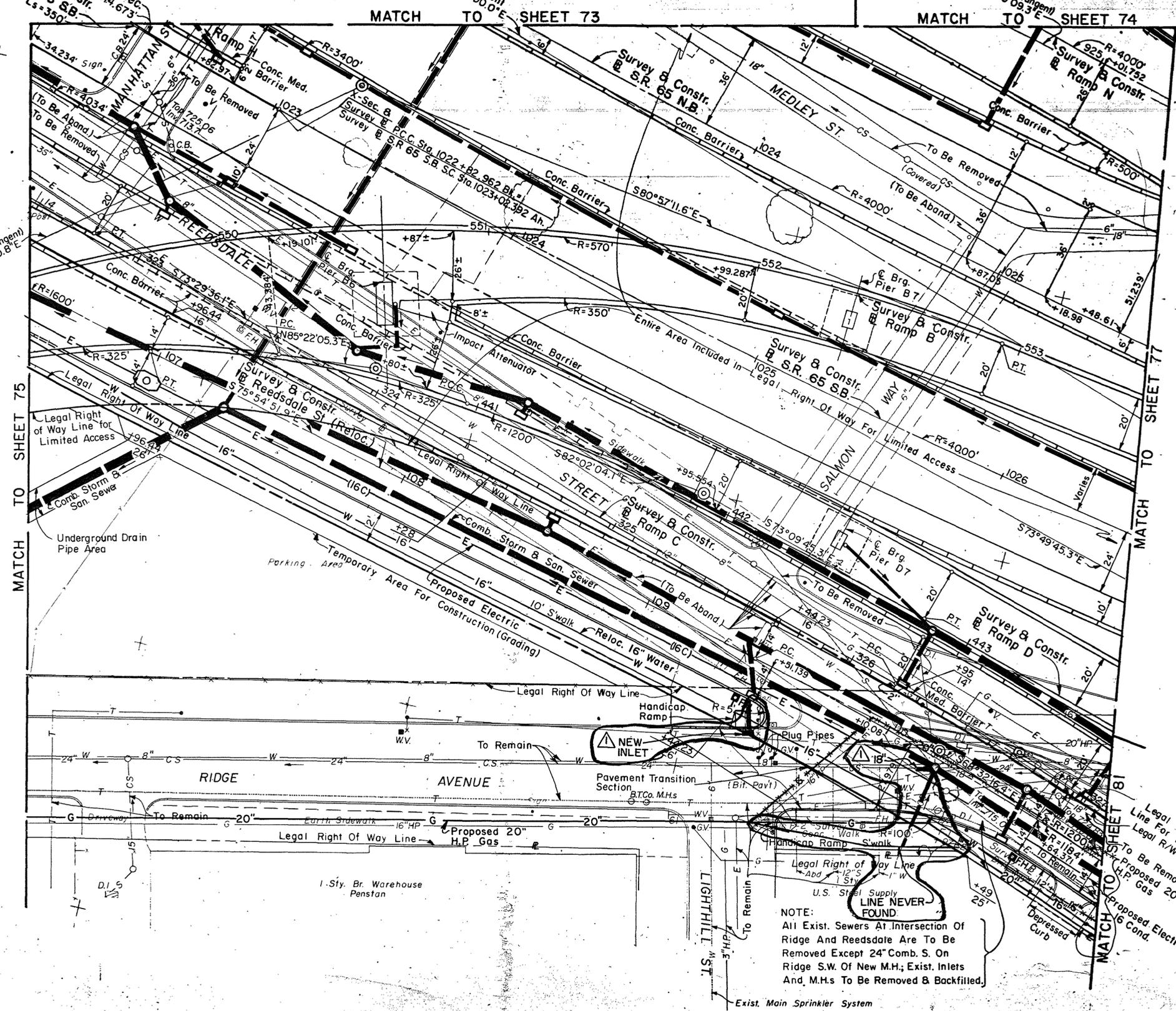
P.I. 3510
 Ramp B
 P.I. Sta. 550+70.192
 $\Delta = 47^\circ 47' 57.7''$ Rt.
 $D = 10^\circ 03' 06.8''$
 $T = 252.585'$
 $L = 475.526'$
 $R = 570.000'$
 $E = 53.458'$
 $S.E. = 0.049\%$
 P.C. Sta. 548+17.607
 P.T. Sta. 552+93.133

P.I. 3810
 Ramp D
 P.I. Sta. 440+60.458
 $\Delta = 12^\circ 35' 50.7''$ Rt.
 $D = 17^\circ 37' 46.1''$
 $T = 35.873'$
 $L = 71.457'$
 $R = 325.000'$
 $E = 1.974'$
 $S.E. = 0.06\%$
 P.C. Sta. 440+24.585
 P.C.C. Sta. 440+96.042

P.I. 3820
 Ramp D
 P.I. Sta. 441+89.134
 $\Delta = 8^\circ 52' 18.8''$ Rt.
 $D = 4^\circ 46' 28.8''$
 $T = 93.092'$
 $L = 185.812'$
 $R = 1200.000'$
 $E = 3.606'$
 $S.E. = 0.033\%$
 P.C.C. Sta. 440+96.042
 P.T. Sta. 442+81.854

P.I. 3620
 Ramp C
 P.I. Sta. 326+68.321
 $\Delta = 4^\circ 57' 19.7''$ Rt.
 $D = 4^\circ 46' 28.8''$
 $T = 51.926'$
 $L = 103.787'$
 $R = 1200.000'$
 $E = 1.123'$
 $S.E. = 0.033\%$
 P.C. Sta. 326+16.395
 P.T. Sta. 327+20.182

P.I. 4820
 Reedsdale St.
 P.I. Sta. 110+20.550
 $\Delta = 7^\circ 22' 35.6''$ Rt.
 $D = 4^\circ 50' 21.1''$
 $T = 76.322'$
 $L = 152.434'$
 $R = 1184.000'$
 $E = 2.457'$
 $S.E. = \text{None}$
 P.C. Sta. 109+44.227
 P.T. Sta. 110+96.661



NOTE:
 All Exist. Sewers At Intersection Of
 Ridge And Reedsdale Are To Be
 Removed Except 24" Comb. S. On
 Ridge S.W. Of New M.H.; Exist. Inlets
 And M.H.s To Be Removed & Backfilled.

NOTE:
 Unless Noted Otherwise
 All Utilities On This Sheet
 Are To Be Abandoned.

Contour Grading & Drainage	107
Profile - Reedsdale St. (Reloc.)	100
Profile - Ramp N	93
Profile - Ramp D	95
Profile - Ramp C	95
Profile - Ramp B	94
Profile - S.R. 65 N.B.	89
Profile - S.R. 65 S.B.	91
Geom. Plan	117, 120
Reference Drawings	Sheet

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ATTACHMENT B PRE-BID MEETING MINUTES

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**CONTRACT 1756
SHALLOW CUT INTERCEPTOR INSPECTION
PREBID MEETING AGENDA
Tuesday, March 28, 2022
Microsoft Teams Video Conference**

INTRODUCTIONS AND KICKOFF

Julia Spicher – ALCOSAN, Manager of Regionalization, Project Manager;
Courtney Dumm – HATCH, Engineering support
Michael Lichte – ALCOSAN, Director of Regional Conveyance
TBD – Construction Management Services

MEETING INTRODUCTIONS

This Pre-Bid Meeting is being recorded for record purposes and for compiling minutes. The information provided in this meeting is intended to introduce the project details to potential bidders. Questions and requests for clarifications must be submitted in writing prior to the deadline for questions to be officially answered in an issued addendum.

A list of attendees for this meeting will be created based on individual's inputs (name/company/phone number/email address) in the Microsoft Teams Chat function. Participants that do not supply this information may

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not be accounted for in the attendee list. If anyone attending the meeting
julia.spicher@alcosan.org

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PROJECT DESCRIPTION

- This is an inspection contract. Goal is to determine where future operation and maintenance needs exist in the system to inform future contract development.
- Portions of the Allegheny River and Chartiers Creek interceptor are included in the scope of work for inspection. Overflow pipes along the Ohio River (4 total) and Allegheny River (2 total) are also included in the scope for inspection.
- A combination of CCTV, Sonar and split screen CCTV-Sonar will be utilized to complete the work.
- Engineers estimate is \$3 million

GENERAL CONTRACT

- The contract was organized into three sub packages consisting of the Chartiers Creek, Allegheny River and Ohio River overflow pipe packages.
- Chartiers Creek Interceptor (Bid Items 3, 4, and 5) package includes 27,558 linear feet of 36” to 54” sewer CCTV/Sonar inspection. Two (2) siphons are included in this package for sonar inspection. 1,794 linear feet of connector pipe near the end of the Chartiers Creek interceptor are also included in this package. The connector pipes range in diameter from 8” to 14” and require CCTV inspection.
- Allegheny River Interceptor (Bid Items 6 and 7) packages includes the inspection of the Allegheny River interceptor from A-62 to A-67 and A-69 to A-78.
 - A-62 to A-67: 6,827 linear feet of CCTV/Sonar inspection of 36” diameter pipe
 - A-69 to A-78: 6,894 linear feet of CCTV/Sonar inspection of 30” diameter pipe and 2,933 linear feet of CCTV inspection of 12” to 14” sewer between A-72-02 and A-69-PS
- Ohio River inspection package includes the inspection of six (6) overflow pipes. This work is being prioritized and should be completed first. Inspection will be used for the design of the Ohio River tunnel. CCTV is the preferred inspection approach and should

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be used when possible. Bidders were advised that these pipes are partially submerged and will require sonar inspection to be completed. The inspection for these overflow pipes are bid as a lump sum items. Bidders were advised that traffic control, safety and access needs should be considered for these locations. Contingency items have been included for these project costs. Overflow pipes to be inspected include:

- O-14: 250 ft (x2)
- O-27: 335 ft
- O-40: 215 ft
- O-41 1050 ft
- A-48: 795 ft
- A-58: 600 ft

CONTRACT DATES

- Public bid opening is April 14, 2022, at 11:00 AM EST.
- The intent is to award this Contract at the May 19th Board Meeting.
- Notice to Proceed and a pre-construction meeting are anticipated to be held in June 2022.
- The contract will be completed within 450-calendar days from Notice to Proceed.

SUBMISSION OF BIDS

- Submission and Opening of Bids is covered in Section 2.7. Sealed Bids must be labeled “SEALED BID FOR CONTRACT NO. 1756 SHALLOW CUT INTERCEPTOR INSPECTION” and addressed to the **Allegheny County Sanitary Authority**, ALCOSAN Engineering Department, Attn: Contract Clerks, in the provided envelope on or before the Bid Opening time and date. Late bids will be treated as “nonresponsive” and returned to the Bidder unopened.
- Contract Documents can be obtained from the ALCOSAN Contract Clerks for a non-refundable cost of \$100.00. Documents can be shipped to businesses if the proper shipping account information is provided.
- Article 1 documents must be completed and submitted with the bid.

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- Include acknowledgements of all Addenda.
- Contract documents must be purchased from ALCOSAN to be considered an eligible bidder.

CONTRACT TERMS

- Article 1 states the lowest responsible, responsive bidder will be based on the sum of the bid items 1 through C-20. Only Article 1 Bidding Documents and supporting documents need to be submitted in the bid envelope, not the entire specifications book. Deadline for questions is 4:00 PM, April 11, 2022.
- Article 2 provides the bid item descriptions in Section 2.4. Special attention should be given the requirements for where sonar, CCTV or split screen is required. Contingency items for light cleaning, heavy cleaning and bypass pumping have been included and can be used as directed. Questions about the bid documents should be sent to Julia.spicher@alcosan.org. Addendum will be issued to make any corrections deemed necessary. Questions about pricing and rejection of bids is covered in Article 2.
- Article 3 addresses health and safety, work hours and insurance requirements
- Article 4 is the contract agreement. The contract duration is shown as 450 calendar days from notice to proceed. Liquidated damages are set at \$500/day
- Article 5 includes the bonds, certificates, and statements
- Article 6 includes the technical specifications. Work should not commence until ALCOSAN and the Construction Manager (CM) has authorized mobilization
- Article 7 includes Prevailing Wage Rates that apply to this Contract. *[Post-Meeting Note: Prevailing Wages do not apply to this work.]*
- MBE/WBE participation
- All bidders should have received map packets and interceptor system drawings along with the Contract and specifications.

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- No permits are expected to be required for this work as the contract work is routine operation and maintenance. Should any permits be required, these will be the responsibility of the Contractor.
- All bidder Questions should be emailed to julia.spicher@alcosan.org

QUESTIONS

1. Will a copy of the presentation be provided?
 - a. A copy of the presentation slides will be provided with the addendum.
2. Please clarify the difference on the Tasks for bypass pumping. When will bypass pumping be required?
 - a. Bypass pumping is not anticipated to be required to complete any of these sections. However, if the bypass pumping is needed to complete the work based on the specified required inspection method a contingency item has been included to allow the work to proceed. Approval for bypass pumping will be provided by ALCOSAN and the Construction Manager.
3. The Legal Notice says a Bid Security of \$5,000 is required but Article 2.22 BID SECURITY/CONTRACT EXECUTION says 10% of Lump Sum Price. Which is correct?
 - a. The language in Article 2.22 is correct. A Certified Check or properly executed Bid Bond in the amount of 10% of the lump sum contract value should be included with the submitted Bid Forms.

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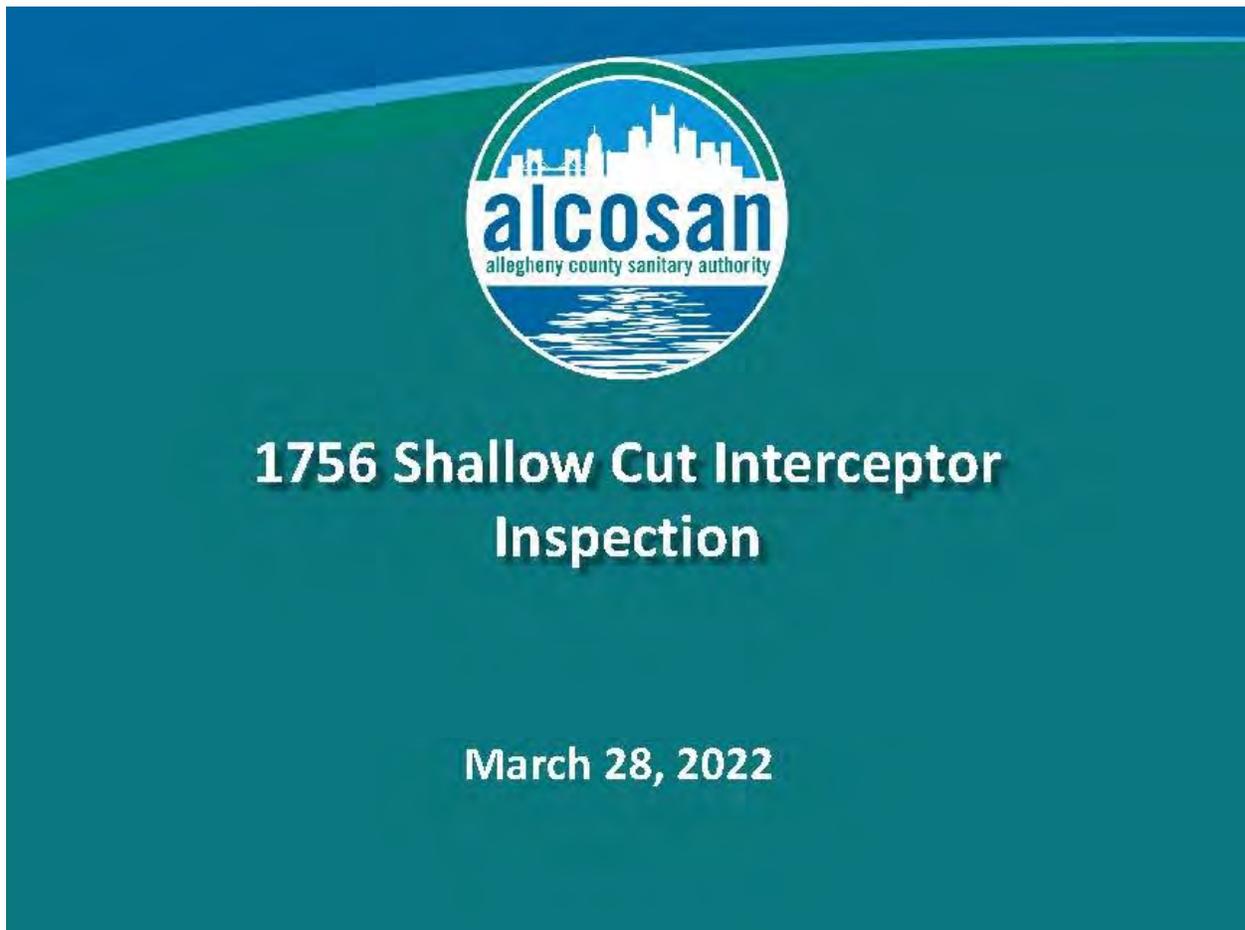
ATTACHMENT C PRE-BID MEETING PRESENTATION SLIDES

APRIL 4, 2022

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SHALLOW CUT INTERCEPTOR INSPECTION

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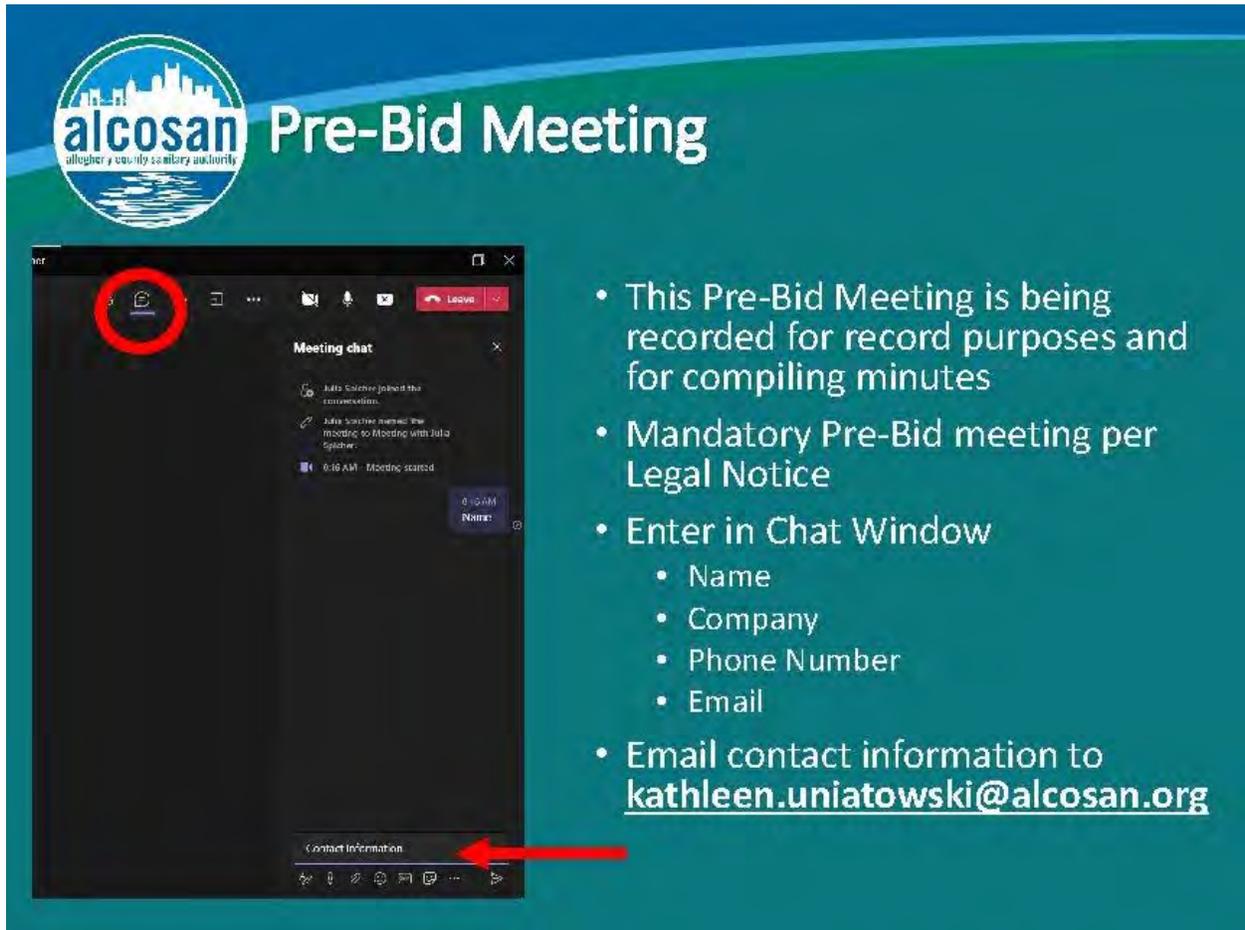


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ADDENDUM NO. 1



alcosan Pre-Bid Meeting
altogether • equally • safely • securely

- This Pre-Bid Meeting is being recorded for record purposes and for compiling minutes
- Mandatory Pre-Bid meeting per Legal Notice
- Enter in Chat Window
 - Name
 - Company
 - Phone Number
 - Email
- Email contact information to kathleen.uniatowski@alcosan.org

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A presentation slide with a teal and blue background. In the top left corner is the Alcosan logo, which consists of a circular emblem containing a city skyline and the text 'alcosan' in a bold, sans-serif font. Below the emblem, the tagline 'altogether & wisely sanitary authority' is written in a smaller font. To the right of the logo, the word 'Agenda' is written in a large, white, sans-serif font. Below the title, there is a bulleted list of five items: '• Introductions', '• Scope of Work', '• Contract Dates', '• Submission of Bids', and '• Questions'.

alcosan Agenda
altogether & wisely sanitary authority

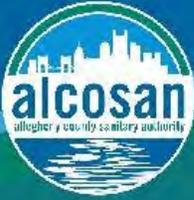
- Introductions
- Scope of Work
- Contract Dates
- Submission of Bids
- Questions

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ADDENDUM NO. 1



Introductions

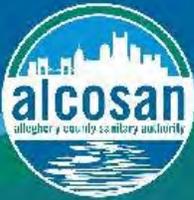
- Project Manager: Julia Spicher
- Director: Michael Lichte
- Designer: ALCOSAN
Courtney Dumm, HATCH
- CM Services: TBD

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SHALLOW CUT INTERCEPTOR INSPECTION

ADDENDUM NO. 1



Project Description

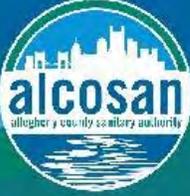
- Primary construction work activities
 - Shallow cut interceptor inspection
 - CCTV
 - Sonar
 - CCTV/Sonar (split-screen)
 - Inspection of select overflow pipes for Ohio River Tunnel design
- Engineer's Estimate = \$3 million

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ADDENDUM NO. 1

 **Chartiers Segments
C-03A to C-24**

Task 3, Task 4, Task 5



- 27,558 linear feet
 - 36" to 54" pipe
 - CCTV/Sonar
- 2 siphons (450-ft)
 - Sonar
- 1,794 linear feet of connector pipe
 - 8" to 14"
 - CCTV

 **ALCOGAN SHALLOW CUT INTERCEPTOR**
Along Chartiers Creek
C-03A to C-24

Drawn: 4/22/2022 | Drawn By: EK | Page: 2 of 2

© 2022 Alcosan. All rights reserved. For more information, please contact Alcosan at 412-261-1234.

Legend:
• 36" to 54" pipe
• 8" to 14" connector pipe
• 450-ft siphon
• Sonar location
• CCTV location
• Utility lines
• Property boundaries
• Chartiers Creek
• Road
• Building
• Tree
• Water

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ADDENDUM NO. 1

alcosan
Allegheny County Sanitary Authority

Upper Allegheny Segments A-69 to A-78

Task 6A and 7

- 6,894 linear feet
 - 30" pipe
 - CCTV/Sonar
- 2,933 linear feet (A-72-02 to A-69-PA)
 - 12" to 14"
 - CCTV

ALCOGAN River Cell Interceptor
Channel
A-69 to A-78
Sub A-72

Sub: 022001 Date: 01-06 Page: of 1

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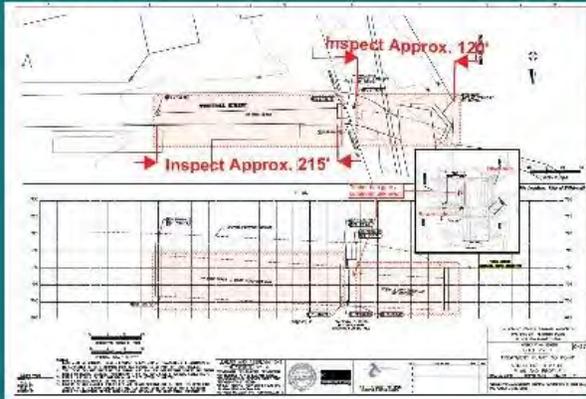
SHALLOW CUT INTERCEPTOR INSPECTION

ADDENDUM NO. 1



Ohio Overflow Pipe Segments

Task 8



- Sonar Inspection
 - O-14: 250 ft x (2)
 - O-27: 335 ft
 - O-40: 215 ft
 - O-41: 1050 ft
- CCTV when possible
- Some portions will be submerged

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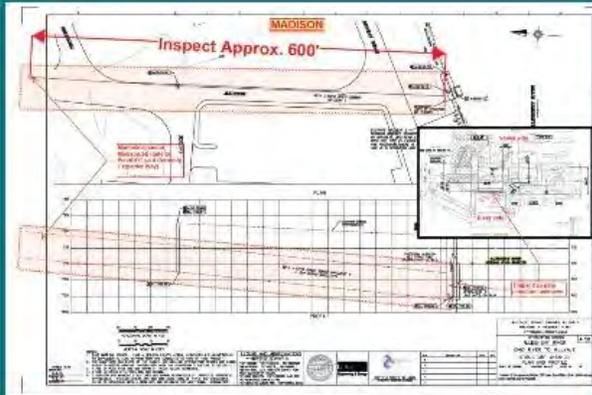
SHALLOW CUT INTERCEPTOR INSPECTION

ADDENDUM NO. 1



Lower Allegheny Segments

Task 9



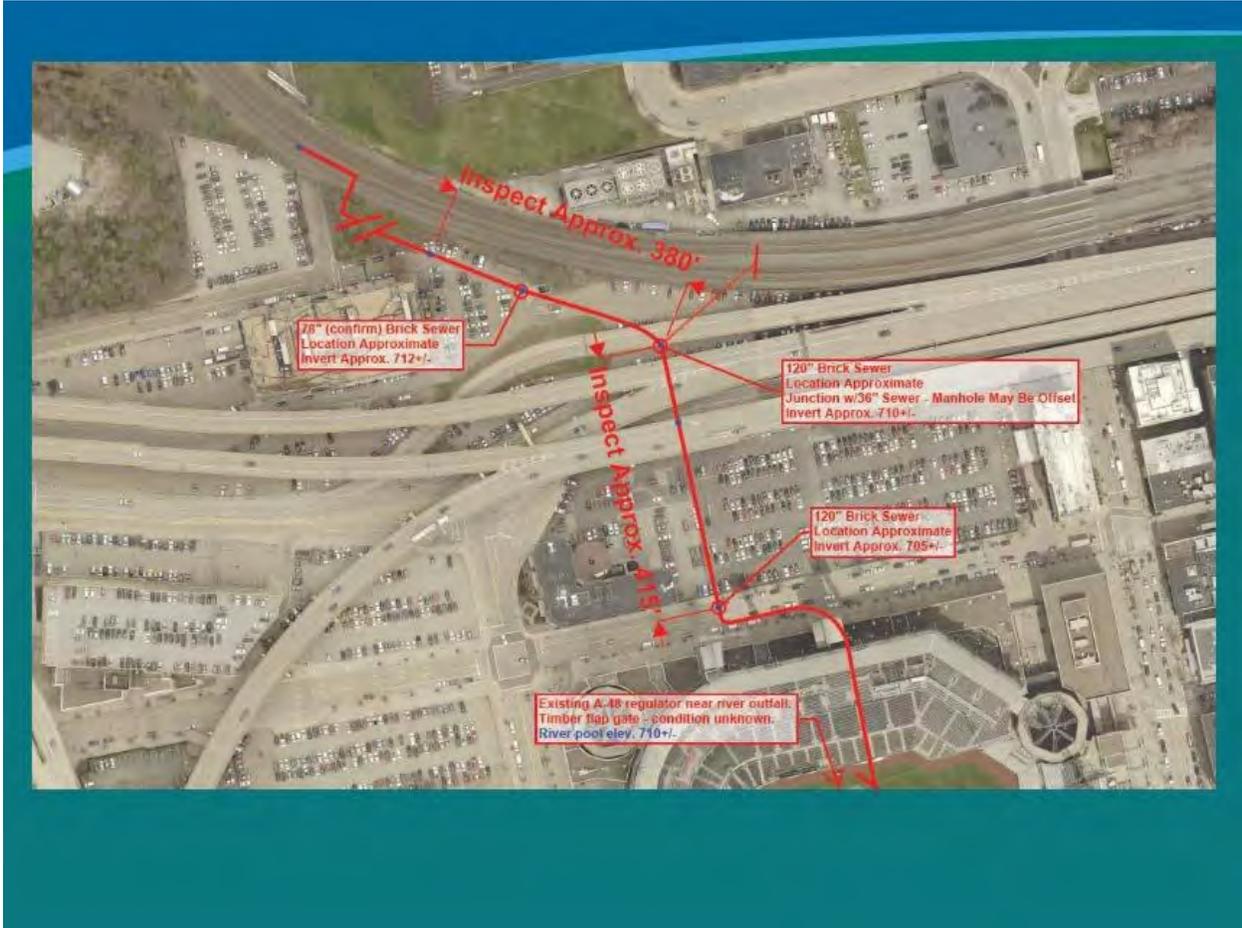
- CCTV/Sonar Inspection
 - A-48: 795 ft
 - A-58: 600 ft
- Lump sum bid item
- Access concerns with traffic control

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ADDENDUM NO. 1

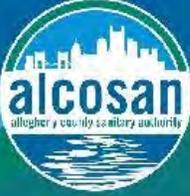


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ADDENDUM NO. 1



Contract Dates

Milestone	Date
Bid Opening	April 14, 2022 @ 11 AM
Award Construction Contract	May 19, 2022
Construction Notice to Proceed	June 2022
Pre-Construction Meeting	June 2022
Contract Completed	NTP + 450 calendar days

- Technical questions should be sent to Julia.spicher@alcosan.org
- Contract questions should be sent to contract.clerks@alcosan.org

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Submission of Bids

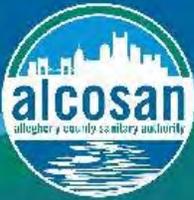
- A. Submission and Opening of Bids is covered in Section 2.7.
- B. Sealed Bids must be labeled "SEALED BID FOR CONTRACT NO. 1756, SHALLOW CUT INTERCEPTOR INSPECTION" and addressed to the **Allegheny County Sanitary Authority**, ALCOSAN Engineering Department, Attn: Contract Clerks, in the provided envelope on or before the Bid Opening time and date.
- C. Late bids will be treated as "nonresponsive" and returned to the Bidder unopened.
- D. Submission of Bid: All Article 1 documents must be completed and submitted with the bid.
- E. Include acknowledgment of all Addenda.

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Bid Opening

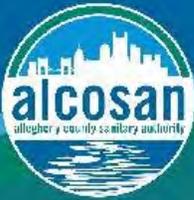
- Public bid opening is April 14th at 11 AM.
- Contract documents can be obtained from the ALCOSAN Contract Clerks for a non-refundable cost of \$100.00.
- Contract documents must be purchased from ALCOSAN to qualify as an eligible bidder

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Article 1

- Lowest responsive Bidder will be based on the sum of Bid Items 1 through C-20.
- Only the Article 1 Bidding Documents and supporting documents need to be submitted in the bid envelope, not the entire specifications book.
- The intent is to award this Contract at the May 19th Board Meeting.
- Deadline for questions is 4:00 PM EST on Monday, April 11.

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Article 2

- Descriptions of the bid items are included in Section 2.4
- Note where sonar, CCTV, or split screen is specified
 - Some overflow pipes are being inspected which are partially to fully submerged.
- Contingency Items for some light and heavy cleaning, as directed.
- Contingency Items for traffic control, as needed
- Contingency Item for bypass pumping, as directed.
- If any alleged errors are noted in the Contract Documents, Bidder should immediately notify Julia Spicher and, if confirmed, Addenda will be sent to all prospective Bidders known to have received the Contract Documents.

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Article 2

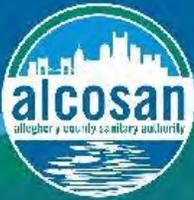
- If a Bid is submitted with conditions or exceptions, or not in conformance with the terms and conditions of the Contract Documents, it may be rejected.
- Supplementary Information Package (SIP): Sections 2.8 Experience, Equipment Subcontractors. Submit SIP documents to ALCOSAN with the Bid Documents to expedite the bid review process. Additional information will be requested as needed during the bid review period.
- ALCOSAN reserves the right to reject any and all bids.
- Quantities of Contingent Items, Language per Article 2.18C and Section 01025 Measurement and Payment
- The Bidder shall acknowledge any addenda issued by signing and returning the Acknowledgment attached to any issued Addenda immediately via fax to the Engineering Department, attention to email at CONTRACT.CLERKS@alcosan.org and providing a hard copy of the Acknowledgement with the Bidder's Proposal.
- Bid Security in the amount of 10% of the Total Lump Sum Price bid is required via certified check or bid bond.
- Attachment A: The Contractor and subcontractors shall review the Labor Stabilization Agreement and execute a Letter of Assent prior to commencing work.

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Article 3

- Section 3.73 - Health, Safety and Environmental Laws
 - ALCOSAN approval of the Contractor's safety manual is required before work can start.
- Section 3.75 - Working Hours
 - Any work performed outside normal working hours as defined in Article 3.75 will require prior approval and 48-hour notice.
- Exhibit A – Insurance Requirements
 - Certificates required before any work begins.

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ADDENDUM NO. 1



Articles 4, 5, 6, 7

ARTICLE 4 - CONTRACT AGREEMENT

- Substantial Completion of Contract 1726 - 450 Calendar days from Notice to Proceed
- Liquidated Damages:
 - Failure to complete the Work within the time of Completion - \$500/day

ARTICLE 5 - BONDS, CERTIFICATES AND STATEMENTS

- Performance Bond, Labor and Material Bond, Contractors Certificate of Satisfaction, Maintenance Bond are required.

ARTICLE 6 - SPECIFICATIONS

- For planned work, advance Notification (1 week) to ALCOSAN and Construction Manager is required prior to Mobilization. (Don't notify ALCOSAN on a Friday and state that you will be mobilizing on Monday.)

ARTICLE 7 - PREVAILING WAGE RATES

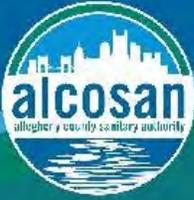
- Prevailing wages apply to this Contract.

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MBE/WBE Participation

- Solicitation And Commitment Statement
- 10%-25% Participation of certified firms
- Utilization Report with Every Invoice

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ADDENDUM NO. 1



Supplemental Documents

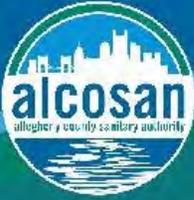
- No permits required for this work
- Interceptor System Drawings
- Map packets

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SHALLOW CUT INTERCEPTOR INSPECTION

ADDENDUM NO. 1



Addendum No. 1

- List of attendees
- Pre-bid meeting minutes
- Responses to any questions

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ADDENDUM NO. 1



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SHALLOW CUT INTERCEPTOR INSPECTION

ADDENDUM NO. 1

ATTACHMENT D PRE-BID MEETING SIGN-IN SHEET

PRE-BID MEETING
1756 Shallow Cut Interceptor Inspection
March 28, 2022 @ 10:00 AM

Full Name	Company	Email	User Action	Timestamp
Kathleen P. Uniatowski	ALCOSAN Hydrostructures A	kathleen.uniatowski@alcosan.org	412-732-8049	Joined
Vince Duobinis	Dukes Company	Vince.Duobinis@hydrostructures.com	443-252-6501	Joined before
Shane Oconnor	Jet Jack, Inc.	shane@iei.net.co	412-221-3435	Joined before
Julia Spicher	ALCOSAN Robinson Pipe Company	julia.spicher@alcosan.org	412-734-8749	Joined
Mike Long	ALCOSAN	long@robinsonpipe.com	724-321-4666	Joined
Suzanne Thomas	ALCOSAN	ulia.spicher@alcosan.org	412-297-2269	Joined
Nate Carll P.E.	ALCOSAN	nathan.carll@alcosan.org	412-298-4203	Joined
Danny Kelly (Guest)	Multivista	d.kelly@multivista.com	412-295-4292	Joined
Shawn McWilliams, EIT	ALCOSAN Hatch Associates	shawn.mcwilliams@alcosan.org	412-812-1981	Joined
Courtney Dumm	Consultants	courtney.dumm@hatch.com	240-446-0438	Joined
RedZone Robotics, Inc	Sam Cancilla	scancilla@redzone.com	413-758-3327	Joined
Dino Folino	Folino Construction Doetsch Environmental	dfolino@AFolino.com	412-287-9281	Joined
Joe Schotthoefer (Guest)	Services	joe@doetschenv.com	810-499-9233	Joined
Wayne Rutledge	Hydromax USA W.A. Petrakis	wayne.rutledge@hydromaxusa.com	404-392-0296	Joined
Nate Stolarski	Contracting	wapetrakis@gmail.com	724-575-7817	Joined

* * * * * END OF ADDENDUM NO. 1 * * * * *