

PERU NORTH TRUNK LINE DEEP SEWER
PERU JOB No. 17 - 06 - SS
CITY OF PERU, ILLINOIS
2024

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CITY OFFICIALS

MAYOR: KEN KOLOWSKI

CLERK: JAMEY MERTEL

TREASURER: JACKSON POWELL

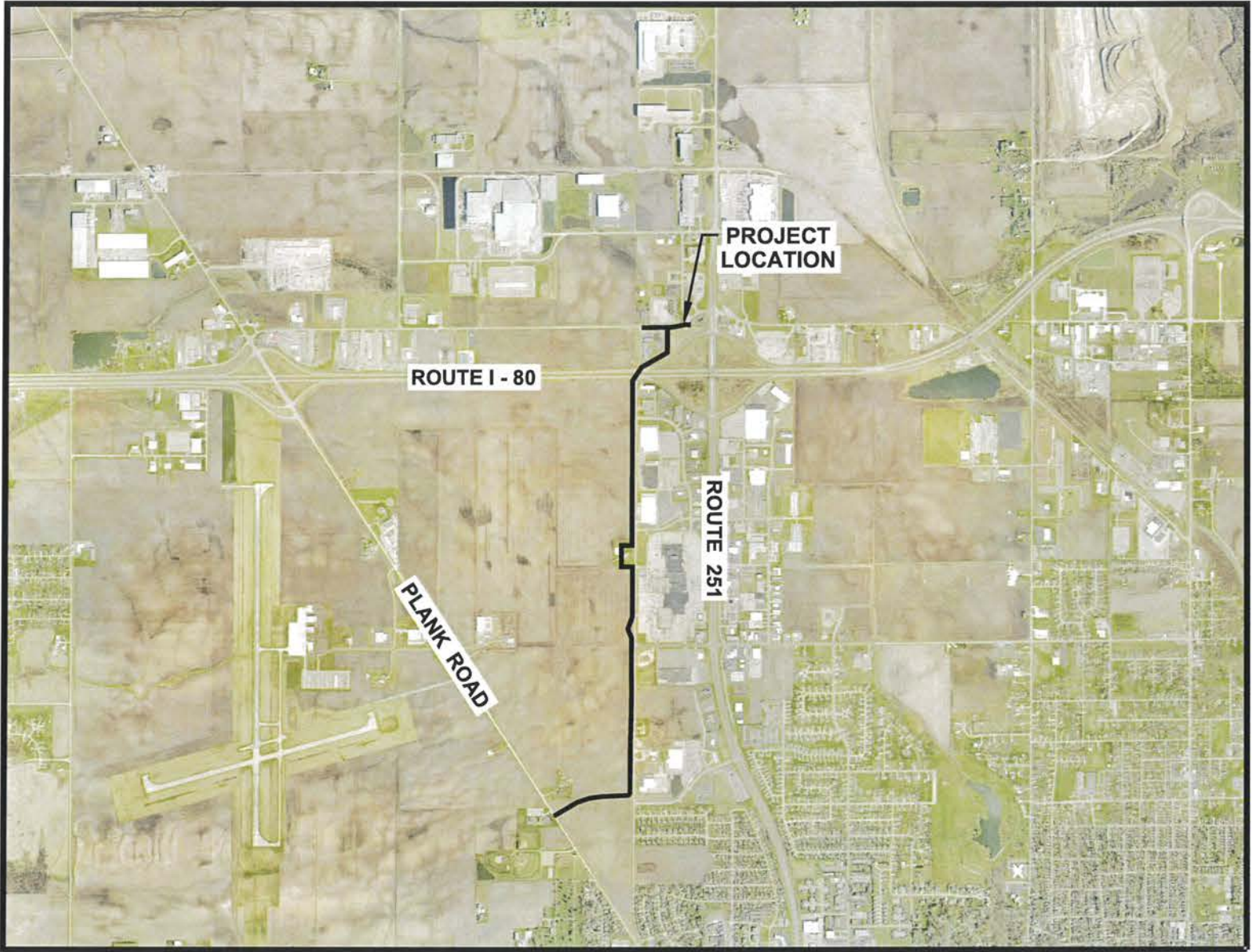
ATTORNEY: SCOTT SCHWEICKERT

ALDERMAN: JEFF BALLARD
BOB TIEMAN
TOM PAYTON
JASON EDGCOMB
RICK O'SADNICK
MIKE SAPIENZA
JIM LUKOSUS
ANDY MORENO

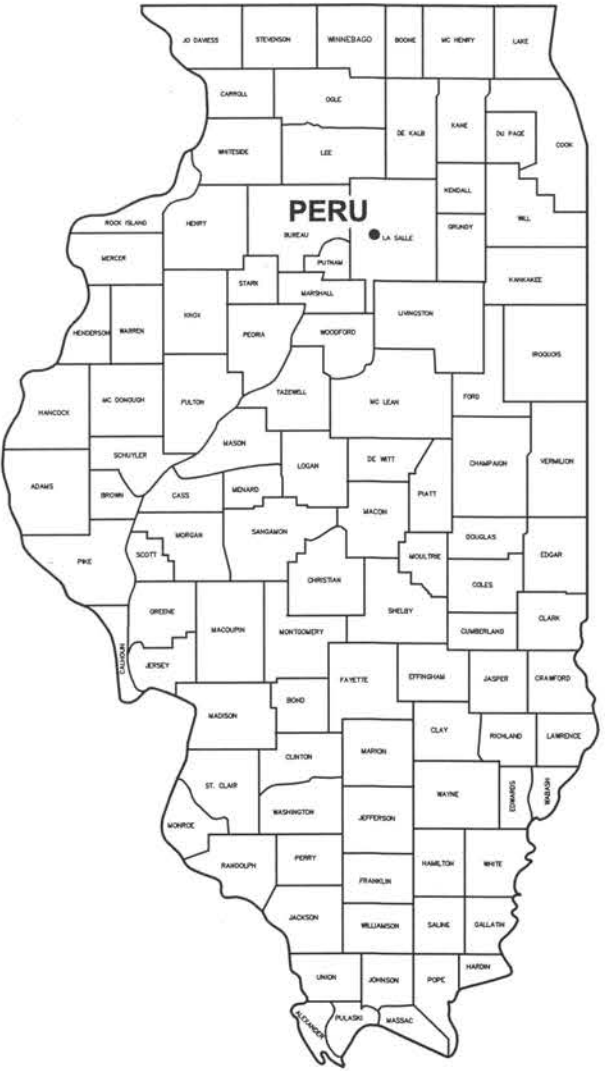
ENGINEER: ERIC CARLS

SURVEYOR / ENGINEER:

CHAMLIN & ASSOCIATES, INC.
4152 PROGRESS BOULEVARD
PERU, IL. 61354
PHONE: (815) 223-3344
FAX: (815) 223-3348



LOCATION MAP



PERU JOB #17-06-SS

US EDA AWARD NO.
ED24CH10G0167

9-14-25
date



signature
MICHAEL W. PERRY
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001717

UTILITY SERVICE	CONTACT	TELEPHONE NO.
ELECTRICAL POWER	CITY OF PERU	(815) 223-0044
NATURAL GAS	AMEREN	(800) 232-2477
TELEPHONE	AT&T	(815) 224-5500
CABLE	COMCAST	(815) 267-0293



BENCHMARKS:

GPS 1
STAINLESS STEEL ROD IN SLEEVE
S. SIDE OF VETERAN'S PARK ENTRANCE
4' N. OF SIDEWALK APPROX. 100'
W. OF PLANK RD
ELEV.=633.98

BM 1A
CHISELED "X" S.W. SIDE OF CONCRETE
LIGHT BASE AT N.E. CORNER OF PLANK
RD AND MIDDOWN RD
ELEV.=638.68

BM 34
CHISELED BOX ON N.W. CORNER OF
CONCRETE DIVERSION STRUCTURE AT
S.E. CORNER OF MIDDOWN RD
AND PEORIA ST
ELEV.=637.82

BM 9
RAILROAD SPIKE IN S.W. SIDE OF
E-W TRANSMISSION LINE POWER POLE
AT N.E. CORNER OF PEORIA ST &
WENZEL ROAD
ELEV.=644.70

BM 9A
RAILROAD SPIKE IN W. SIDE OF
POWER POLE E. SIDE OF PEORIA ST
N. SIDE OF N.E. ENTRANCE TO MALL
4TH POWER POLE S. OF 38TH ST
ELEV.= 646.81

BM 9B
RAILROAD SPIKE IN POWER POLE
AT N.E. CORNER OF PEORIA ST
AND 38TH ST
ELEV.=647.37

BM 9C
RAILROAD SPIKE IN POWER POLE
E. SIDE OF PEORIA ST N. OF
TARGET'S S.W. ENTRANCE AT
THE BACK OF THE STORE
ELEV.=650.74

BM 9D
RAILROAD SPIKE IN POWER POLE
AT S.E. CORNER OF VENTURE DR
AND PEORIA ST
ELEV.=650.96

BM 9E
RAILROAD SPIKE IN POWER POLE
E. SIDE OF PEORIA ST S. OF
HAMPTON INN'S W. ENTRANCE
ELEV.=650.14

BM E
CHISELED "X" ON S.E. ANCHOR BOLT
OF S.E. LEG OF SIGN OVER I-80
W. SIDE OF ROAD S. SIDE OF I-80
EAST BOUND LANE
ELEV.=651.86

BM D
RAILROAD SPIKE IN POWER POLE
N. SIDE OF I-80 W. SIDE OF
PEORIA ST IF EXTENDED NORTH
ELEV.=651.24

BM 9G
RAILROAD SPIKE IN FIRST POWER POLE
W. OF SUPER 8'S W. ENTRANCE
N. SIDE OF MAY RD
ELEV.=646.72

BM 9F
RAILROAD SPIKE IN POWER POLE
ACROSS FROM SUPER 8 ON W. SIDE
OF FIELD ROAD 2ND POWER POLE
NORTH OF I-80 W. SIDE OF PEORIA ST
IF EXTENDED NORTH
ELEV.=647.70

BM 9H
CHISELED "X" ON LIFT STATION
W. SIDE OF ARBYS
S. SIDE OF MAY RD.
ELEV.=643.88



PERU MORRIS
OTTAWA
ILLINOIS

DRAWN BY: LMP	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: MWP				
DATE: 07/2023				

BIDDING
PLANS

CURRENT AS OF: 09/15/2025	
SCALE: AS NOTED	SHEET 1
FILE NO.: 5767.01 Y-	OF 18

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Drawing Name: C:\Users\J5767-01\Peru-Arby-Trunk-Sewer\CAO\CD\NEW TRUNK SEWER ALIGNMENT\02-INDEX-OF-SHEETS-AND-LEGEND.dwg
Last Modified: Wednesday, March 5, 2025 7:29:35 AM
Printed On: Monday, September 15, 2025 1:30:05 PM
By: Jonathan Covert

GENERAL NOTES

THE CHAMLIN & ASSOCIATES "SPECIFICATIONS" SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE PLANS AND SPECIFICATIONS, VISIT THE WORK SITE, BE INFORMED OF THE WORK INVOLVED, BE INFORMED OF FEDERAL, STATE, AND LOCAL LAWS, LOCAL CODE REQUIREMENTS, ORDINANCES, RULES AND REGULATIONS, AND ANY OTHER ITEMS WHICH MAY AFFECT THE COST AND/OR TIME TO COMPLETE THE PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER SHOULD ANY DISCREPANCIES BE NOTICED BETWEEN THE PLANS, SPECIFICATIONS, OR WORKSITE.

THE LOCATION OF EXISTING UNDERGROUND OR OVERHEAD UTILITIES IF SHOWN ON THE PLANS IS FOR THE CONVENIENCE OF THE BIDDER ONLY. THE OWNER AND/OR ENGINEER ASSUMES NO RESPONSIBILITY WHATSOEVER WITH RESPECT TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH UTILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER PROTECTION OF ALL EXISTING PUBLIC OR PRIVATE ROADWAYS, STRUCTURES, AND UTILITIES PRIOR TO THE START OF CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO SAID ROADWAYS, STRUCTURES, AND UTILITIES. ANY ROADWAY, STRUCTURE, OR UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

ALL FIELD DRAINAGE TILE OR SEWER PIPING DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR REROUTED TO A LOCATION DETERMINED BY THE ENGINEER.

WHEN SURVEY CONTROL POINTS ARE SET BY THE ENGINEER TO ESTABLISH THE HORIZONTAL AND VERTICAL CONTROL REQUIRED FOR THE CONSTRUCTION OF THE VARIOUS CONTRACT ITEMS OF WORK, THE ENGINEER SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE CONTROL POINTS SET. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL MEASUREMENTS TAKEN OR DERIVED BY THE CONTRACTOR FROM CONTROL POINTS SET BY THE ENGINEER.

THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL CONTROL POINTS OR REFERENCE STAKES SET BY THE ENGINEER. SHOULD THE CONTRACTOR DISTURB ANY CONTROL POINT OR REFERENCE STAKE WITHOUT THE PRIOR APPROVAL OF THE ENGINEER, THE ENGINEER MAY DEDUCT THE DIRECT ENGINEERING COST INCURRED IN THE RE-ESTABLISHMENT OF THE CONTROL POINT OR REFERENCE STAKE FROM COMPENSATION DUE TO THE CONTRACTOR.

WHEN THE OWNER EMPLOYS MULTIPLE CONTRACTORS, EACH CONTRACTOR SHALL CONDUCT HIS/HER WORK SO AS TO NOT INTERFERE WITH OR HINDER THE PROGRESS OR COMPLETION OF THE WORK BEING PERFORMED BY OTHER CONTRACTORS AND/OR UTILITY COMPANIES.

EACH CONTRACTOR SHALL ASSUME ALL LIABILITY, FINANCIAL OR OTHERWISE, IN CONNECTION WITH HIS/HER CONTRACT AND SHALL PROTECT AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL DAMAGES OR CLAIMS THAT MAY ARISE DUE TO INCONVENIENCE, DELAY, OR LOSS EXPERIENCED BY THE CONTRACTOR CAUSED BY THE PRESENCE AND OPERATION OF OTHER CONTRACTORS AND/OR UTILITY COMPANIES WORKING WITHIN THE LIMITS OF THE PROJECT.

SOIL EROSION AND SEDIMENT CONTROL SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND DETAILS CONTAINED WITHIN THE PLANS.

PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRAFFIC FROM THE CONSTRUCTION SITE. ALL STREETS SHALL BE CLEANED DAILY OR AS NECESSARY TO KEEP CLEAN OF SEDIMENT AND DEBRIS CAUSED BY CONSTRUCTION ACTIVITIES. ADJACENT PROPERTIES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION BY USE OF AN ACCEPTABLE EROSION CONTROL PRACTICE SUCH AS VEGETATIVE BUFFER STRIPS OR SEDIMENT BARRIERS.

FOR CONSTRUCTION SITES WITH ONE (1) ACRE OR MORE OF DISTURBANCE, ALL CONTRACTORS AND SUB-CONTRACTORS WILL BE REQUIRED TO CERTIFY A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP, IF NECESSARY, AND ALL PERMITS PERTAINING TO SOIL AND EROSION CONTROL WILL BE PREPARED AND SUBMITTED BY THE OWNER/ENGINEER.

IT WILL BE THE CONTRACTOR/SUB-CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT AND FOLLOW THE SWPPP.

WHEN REQUESTED BY THE OWNER, THE ENGINEER SHALL PROVIDE CONSTRUCTION INSPECTION TO ASCERTAIN THE WORK IS IN SUBSTANTIAL CONFORMANCE WITH THE CONTRACT DOCUMENTS AND WITH THE DESIGN INTENT. THE ENGINEER'S UNDERTAKING SHALL NOT RELIEVE THE CONTRACTOR FROM THE CONTRACTOR'S OBLIGATION TO PERFORM WORK IN CONFORMITY WITH THE PLANS AND SPECIFICATIONS AND IN A WORKMANLIKE MANNER. SHALL NOT MAKE THE ENGINEER AN INSURER OF THE CONTRACTOR'S PERFORMANCE; AND SHALL NOT IMPOSE UPON THE ENGINEER ANY OBLIGATION TO ENSURE THAT THE WORK IS PERFORMED IN A SAFE MANNER. THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR SAFETY FOR THIS PROJECT.

BEFORE ACCEPTANCE AND SUBSEQUENT FINAL PAYMENT, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE OWNER OR THEIR REPRESENTATIVE. FINAL PAYMENT SHALL BE MADE ONLY AFTER ALL OF THE CONTRACTOR'S WORK HAS BEEN APPROVED AND INSPECTED.

SAW CUTTING FOR THIS PROJECT WILL BE INCIDENTAL IN ALL CASES. THIS SHALL INCLUDE FULL DEPTH SAW CUTTING ALONG ALL EDGES FOR REMOVAL OF PAVEMENTS, SIDEWALK, ETC. IT SHALL ALSO INCLUDE SUBSEQUENT SAW CUTTING TO PROVIDE CLEAN EDGES FOR PAVING WORK AND SCORING OF CONCRETE PAVEMENTS AS REQUIRED FOR CONTROL JOINTS. WHERE SAW CUTS ARE INDICATED ON THE DRAWINGS OR DETAILS OR NOTES, THESE SAW CUTS ARE MANDATORY. FAILURE TO MAKE THE REQUIRED SAW CUTS WILL ENTITLE OWNER TO MAKE A DEDUCTION EQUAL TO \$5 PER LINEAR FOOT MEASURED ALONG THE LENGTH OF THE REQUIRED SAW CUT THAT WAS NOT PERFORMED. THIS DEDUCTION WILL BE MADE FROM THE FINAL AMOUNT DUE TO CONTRACTOR.

FOR THE SAKE OF SAFETY, TRAFFIC CONTROL, AND STREET INTEGRITY, THE OWNER AND ENGINEER WILL HAVE FINAL SAY ON TRUCKING ROUTES DURING THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL LIMIT TRUCKING MOVEMENTS TO THOSE AREAS SPECIFIED BY THE OWNER AND ENGINEER AS THE WORK PROGRESSES THROUGHOUT THE JOB.

DEWATERING OF THE EXCAVATION DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCIDENTAL TO THE CONTRACT.

ALL EXCAVATED SPOILS SHALL BE DISPOSED OF LEGALLY AND SAFELY OFFSITE BY THE CONTRACTOR AS WORK PROGRESSES. NO TEMPORARY STOCKPILE LOCATION FOR SPOILS WILL BE ALLOWED.

UNLESS OTHERWISE APPROVED BY THE OWNER, SANITARY SEWER WORK OF THIS PROJECT SHALL START AT THE SANITARY SEWER DOWNSTREAM END OF THE PROJECT AND SHALL GENERALLY PROGRESS TOWARDS THE OTHER END IN AN ORDERLY FASHION. IN NO CASE SHALL WORK ON THE ENTIRE PROJECT CEASE FOR MORE THAN 5 CALENDAR DAYS PER MONTH WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER.

IF ANY PREHISTORIC OR HISTORIC ARCHAEOLOGICAL ARTIFACTS OR HUMAN REMAINS ARE UNCOVERED DURING CONSTRUCTION, DEMOLITION, OR EARTHMOVING ACTIVITIES, OR IF THE SCOPE OF WORK CHANGES IN ANY WAY THE RECIPIENT SHALL IMMEDIATELY STOP WORK AND NOTIFY EDA, INTERESTED TRIBAL HISTORIC PRESERVATION OFFICES, AND THE ILLINOIS STATE HISTORIC PRESERVATION OFFICE IMMEDIATELY.

EROSION CONTROL SHALL CONSIST OF THE FOLLOWING ITEMS AND SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE:

1. PIPE AND INLET PROTECTION PER THE DETAILS IN THESE DRAWINGS AND TO THE APPROVAL OF THE ENGINEER. (REQUIRED FOR ALL STRUCTURES WITH OPEN LIDS OR GRATES DOWNSTREAM OF WORK AREA)
2. TEMPORARY EROSION CONTROL SEEDING SHALL BE INSTALLED ON ALL ERODIBLE/ BARE AREAS EVERY 7 DAYS WHEN FINAL SEEDING AND EROSION CONTROL BLANKET HAVE NOT YET BEEN INSTALLED.
3. TEMPORARY DITCH CHECKS IF PERMANENT DITCH EROSION CONTROL WILL NOT BE INSTALLED IMMEDIATELY FOLLOWING DITCH CONSTRUCTION
4. TEMPORARY CONCRETE WASHOUT FACILITY -EARTHEN TYPE
5. EROSION CONTROL BLANKET ON FINAL SEEDED SLOPES STEEPER THAN 4:1
6. SILT FENCE (REQUIRED WHERE TRENCH IS OUTSIDE OF PAVED AREAS)

AMERICAN IRON AND STEEL REQUIREMENTS

IRON AND STEEL PRODUCTS USED ON THIS PROJECT SHALL BE PRODUCED IN THE UNITED STATES. THE CONTRACTOR AND HIS SUB-CONTRACTORS AND SUPPLIERS SHALL MAINTAIN APPROPRIATE RECORD-KEEPING TO SATISFY REQUIREMENTS OF THE ILLINOIS STEEL PRODUCTS PROCUREMENT ACT.

TREE CLEARING COMMITMENTS

AS REQUIRED BY THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES FOR THE PROTECTION OF VARIOUS BAT SPECIES, NO TREE REMOVAL SHALL BE DONE BETWEEN APRIL 1ST AND NOVEMBER 14TH. IT IS THE OWNER'S INTENTION TO HAVE ALL TREE REMOVAL NOTED ON THESE DRAWINGS COMPLETED PRIOR TO MARCH 31ST, 2025 BY OTHERS OUTSIDE OF THIS CONTRACT.

TRAFFIC CONTROL

TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2022, THE LATEST EDITION OF THE "ILLINOIS MANUAL FOR UNIFORM TRAFFIC CONTROL FOR STREETS AND HIGHWAYS", AND APPLICABLE IDOT HIGHWAY STANDARDS.

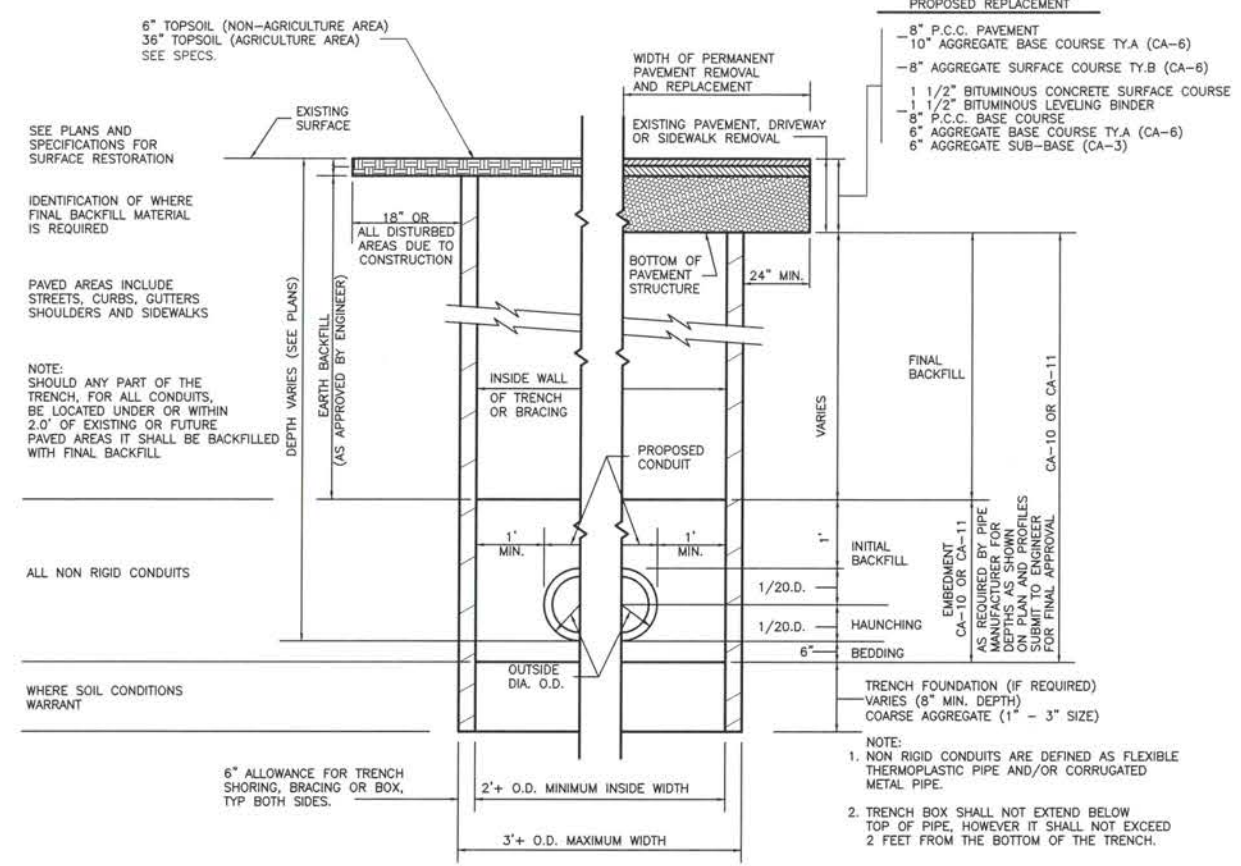
LEGEND

	PROPOSED SANITARY SEWER		METER BOX
	PROPOSED FORCE MAIN		OPEN LID
	EXISTING SANITARY SEWER		CLOSED LID
	EXISTING STORM SEWER		EXISTING WATER SERVICE SHUT OFF
	EXISTING WATER MAIN		PROPOSED MANHOLE
	RIGHT OF WAY LINE		EXISTING MANHOLE
	FENCE LINE		EXISTING FIRE HYDRANT
	FIBER OPTIC		EXISTING WATER SHUT OFF VALVE
	PROPOSED SILT FENCE		EXISTING INLET OR CATCH BASIN
	EXISTING MAJOR CONTOUR		EXISTING PROPERTY MARKER
	EXISTING MINOR CONTOUR		TREE WITH DIAMETER SIZE
	PROPOSED MAJOR CONTOUR		BUSH
	PROPOSED MINOR CONTOUR		RAILROAD WARNING SIGNAL ARM
	STREET SIGN		MAILBOX
	GUY WIRE		SOIL BORING LOCATION
	UTILITY POLE		FLAT SLAB TOP
	LIGHT STANDARD		
	GAS VALVE		

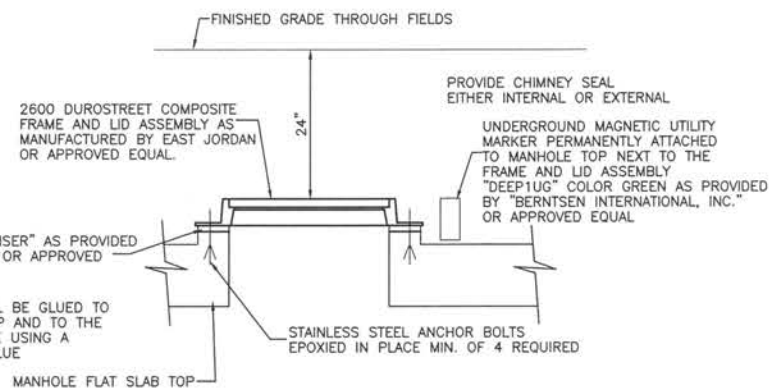


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CHECKED BY: CHECKED		LEVEL	BY	DATE					SCALE: AS NOTED	SHEET 2
DATE: 10/2024									FILE NO.: 5767.01	Y- OF 18

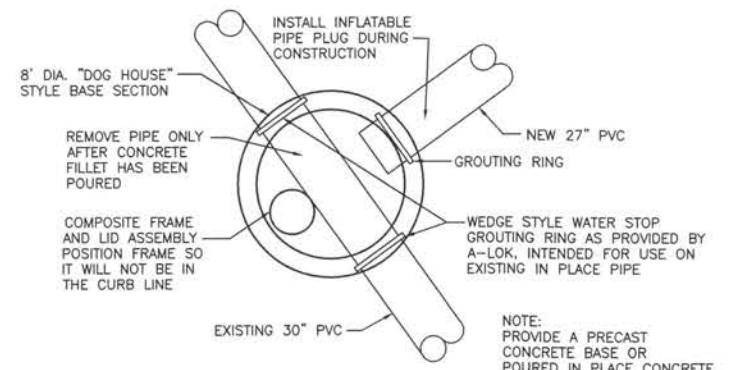
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Last Modified: Tuesday, March 4, 2025 7:19:29 AM
Printed On: Monday, September 15, 2025 1:30:36 PM
by Jonathan Covert



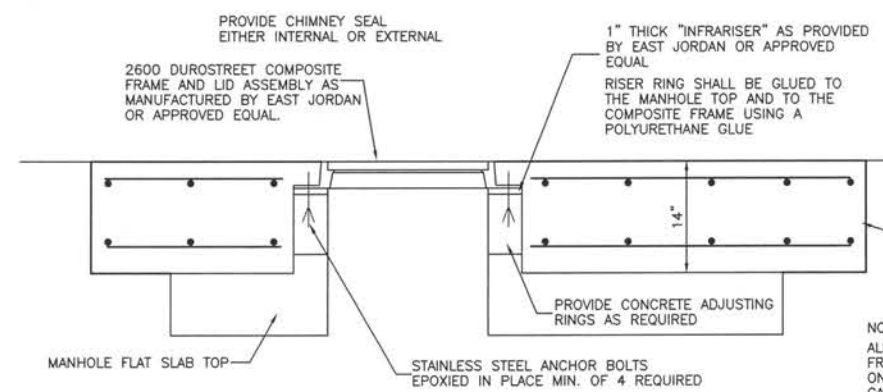
TYPICAL TRENCH DETAIL
NOT TO SCALE



COMPOSITE FRAME BURIED IN FIELDS
NOT TO SCALE

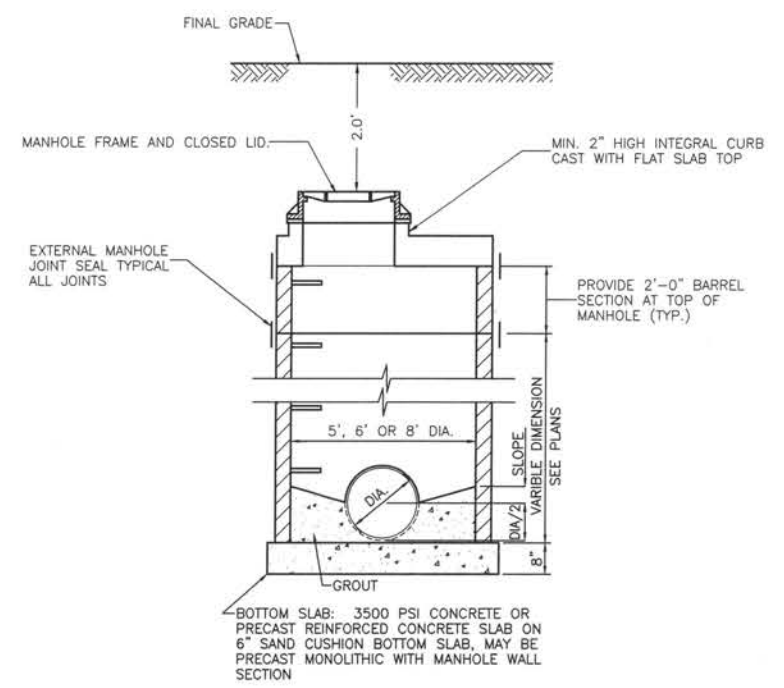


PROPOSED MANHOLE NO. 1 DETAIL
NOT TO SCALE

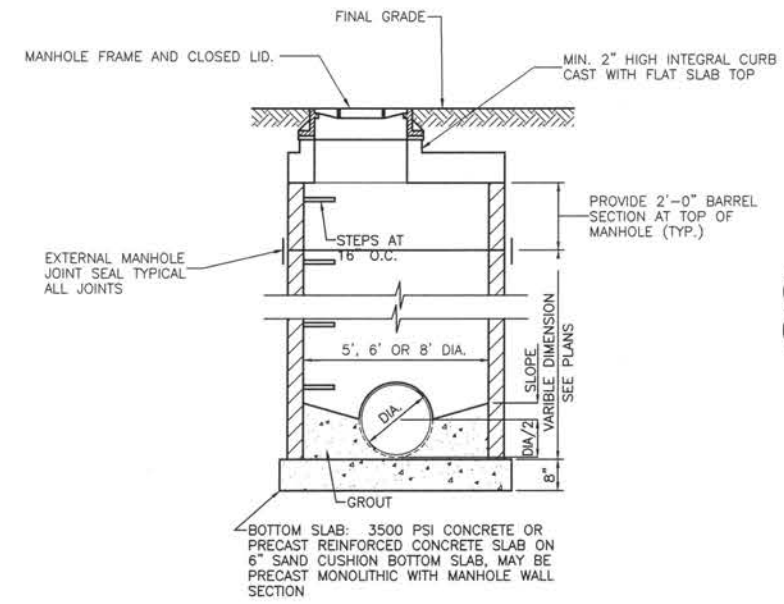


COMPOSITE FRAME IN ROADWAY PATCH
NOT TO SCALE

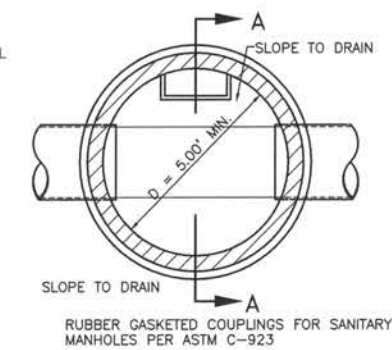
NOTE: ALL FRAMES AND CLOSED LIDS ON TRUNK SEWER SHALL BE MANUFACTURED FROM COMPOSITE MATERIAL. ONLY THE MANHOLES WEST OF NEW MANHOLE No. 31 SHALL HAVE STANDARD CAST IRON FRAMES AND LIDS.



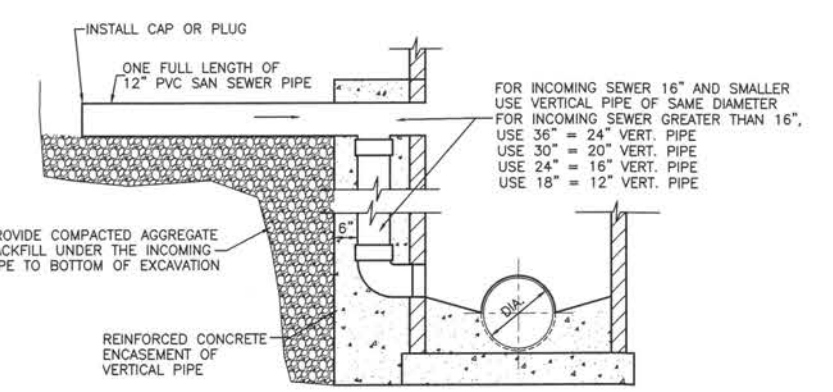
MANHOLE TYPE A
CONSTRUCTED IN AGRICULTURAL FIELD
NOT TO SCALE



MANHOLE TYPE A
NOT TO SCALE



PLAN VIEW



NOTE: TO BE USED IN CONJUNCTION WITH TYPE "A" MANHOLES WHERE SEWER ENTER 2'-0" OR MORE ABOVE LOWEST INVERT.

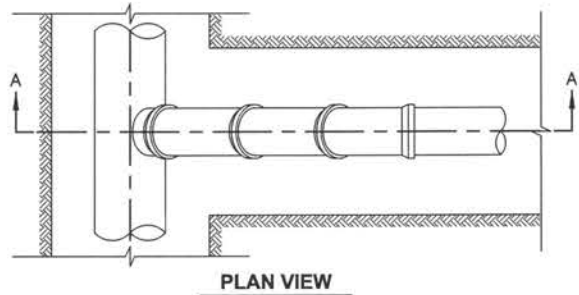
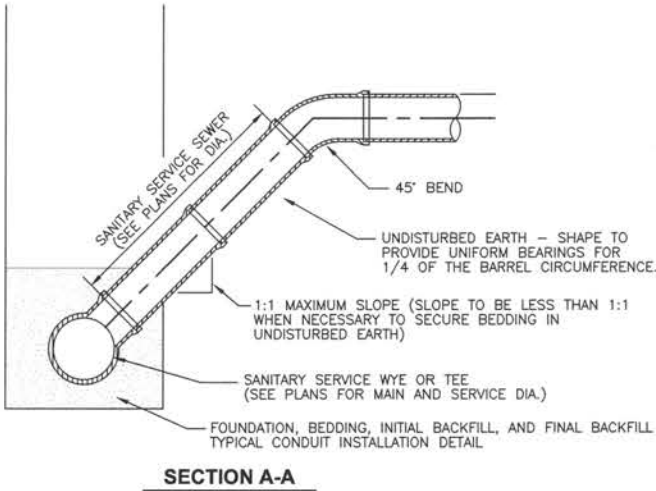
DROP MANHOLE CONNECTION
NOT TO SCALE

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CHECKED BY: MWP											SCALE: AS NOTED	SHEET 3
DATE: 07/2023											FILE NO.: 5767.01	Y- OF 18

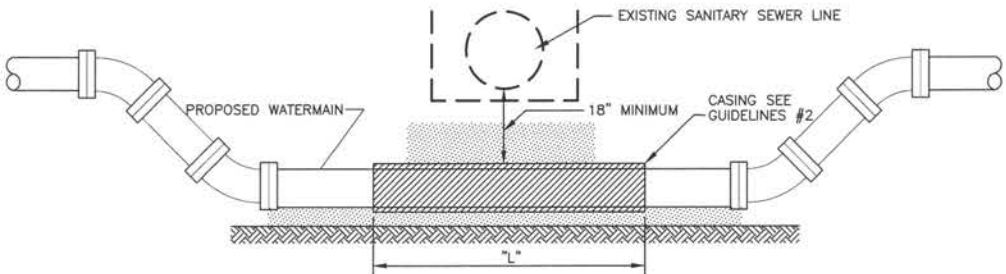
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Plotted On: Monday, September 15, 2025 1:31:30 PM by Jonathan Covert
Last Modified: Tuesday, March 4, 2025 7:27:30 AM
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SUMMARY OF QUANTITIES

NO.	ITEM	UNIT	QTY.
1	SANITARY MANHOLE, TY. A, 5' DIA. W/ TY. 1 FR. & C. LID	EACH	1
2	SANITARY MANHOLE, TY. A, 5' DIA. W/ COMPOSITE FR. & C. LID	EACH	17
3	SANITARY MANHOLE, TY. A, 6' DIA. W/ COMPOSITE FR. & C. LID	EACH	2
4	SANITARY MANHOLE, TY. A, 8' DIA. W/ COMPOSITE FR. & C. LID	EACH	3
5	ADDITIONAL DEPTH MANHOLE, 5' DIA.	V.F.	224
6	ADDITIONAL DEPTH MANHOLE, 6' DIA.	V.F.	33
7	ADDITIONAL DEPTH MANHOLE, 8' DIA.	V.F.	30
8	SANITARY DROP MANHOLE TY. A, 5' DIA. W/ TY. 1 FR. & C. LID	EACH	1
9	SANITARY DROP MANHOLE TY. A, 6' DIA. W/ TY. 1 FR. & C. LID	EACH	1
10	SANITARY DROP MANHOLE TY. A, 5' DIA. W/ COMPOSITE FR. & C. LID	EACH	7
11	SANITARY DROP MANHOLE TY. A, 6' DIA. W/ COMPOSITE FR. & C. LID	EACH	2
12	ADDITIONAL DEPTH DROP MANHOLE, 5' DIA.	V.F.	93
13	ADDITIONAL DEPTH DROP MANHOLE, 6' DIA.	V.F.	34
14	ADDITIONAL DEPTH DROP MANHOLE, 8' DIA.	V.F.	13
15	SANITARY SEWER, 12" PVC SDR 26	L.F.	180
16	SANITARY SEWER, 27" PVC PS115, 16'-20" DEEP	L.F.	4,202
17	SANITARY SEWER, 27" PVC PS115, 20'-24" DEEP	L.F.	3,321
18	SANITARY SEWER, 27" PVC PS115, 24'-28" DEEP	L.F.	3,010
19	SANITARY SEWER, 27" PVC RESTRAINED JOINT, 24' - 28' DEEP	L.F.	13
20	SANITARY SEWER, 27" PVC, RESTRAINED JOINT, CONSTRUCTED IN STEEL CASING, 24'-28' DEEP	L.F.	322
21	JACK AND BORE STEEL CASING, 24'-28' DEEP	L.F.	322
22	SANITARY SEWER SERVICE, 6"	EACH	1
23	SANITARY SEWER SERVICE, 8"	EACH	1
24	FORCE MAIN I.P.S. SDR21, 10"	L.F.	648
25	TRENCH REPAIR, AGRICULTURE	L.F.	8,109
26	TRENCH REPAIR, AGRICULTURE SPECIAL	L.F.	833
27	TRENCH REPAIR, GRASS	L.F.	1,672
28	TRENCH REPAIR, CLASS D PATCH	S.Y.	44
29	TRENCH REPAIR, AGGREGATE	L.F.	881
30	PERMETER EROSION CONTROL - SILT FENCE	L.F.	8,838
31	CULVERT INLET PROTECTION, SILT FENCE	EACH	11
32	INLET PROTECTION - DROP-IN STYLE	EACH	2
33	ROLLED EXCELSIOR DITCH CHECKS	EACH	4
34	CONSTRUCTION ENTRANCE	EACH	46
35	SANITARY MANHOLE INTERIOR WALL COATING, 5' DIA.	V.F.	467
36	SANITARY MANHOLE INTERIOR WALL COATING, 6' DIA.	V.F.	99
37	SANITARY MANHOLE INTERIOR WALL COATING, 8' DIA.	V.F.	75
38	EMERGENCY BY-PASS CONNECTION	L. SUM	1
39	TRAFFIC CONTROL	L. SUM	1
40	TILE REPAIR, 4"	L.F.	50
41	TILE REPAIR, 6"	L.F.	50
42	TILE REPAIR, 8"	L.F.	50
43	TILE REPAIR, 10"	L.F.	50
44	TILE REPAIR, 12"	L.F.	50
45	TILE REPAIR, 14"	L.F.	50
46	TILE REPAIR, 16"	L.F.	50
47	TILE REPAIR, 18"	L.F.	50
48	TILE REPAIR, 20"	L.F.	50
49	TILE REPAIR, 21"	L.F.	50
50	TRENCH FOUNDATION, COARSE AGGREGATE SIZE 1" - 3", 8" DEPTH	L.F.	10,500



SANITARY SEWER SERVICE RISER CONNECTION
NOT TO SCALE

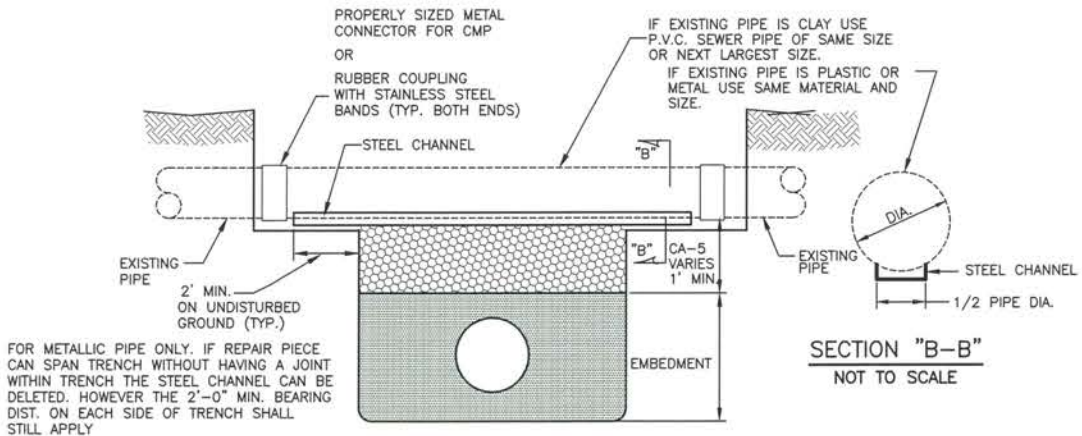


WATER AND SEWER SEPARATION REQUIREMENTS FOR PROPOSED
WATERMAIN BELOW EXISTING SANITARY SEWER OR COMBINATION SEWER
WITH 18" MINIMUM VERTICAL SEPARATION

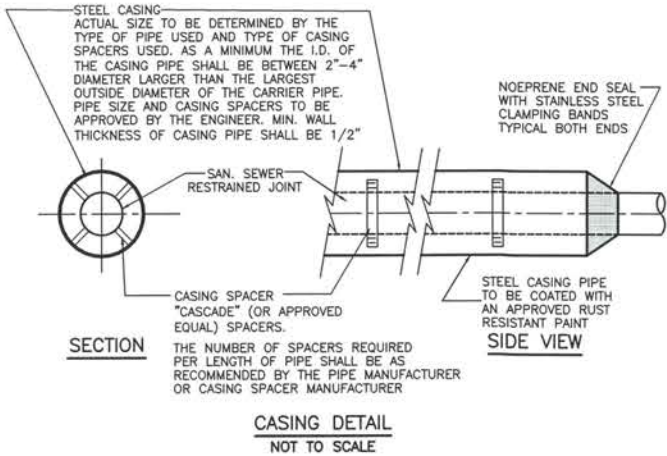
GUIDELINES

1. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
2. CONSTRUCT "L" FEET OF STEEL PIPE HAVING A MINIMUM WALL THICKNESS OF 0.375" AND FABRICATED FROM MATERIAL HAVING A MINIMUM YIELD STRENGTH OF 35,000 PSI FOR CASING OF PROPOSED WATERMAIN. PIPE SHALL BE BITUMINOUS COATED IN CONFORMANCE WITH AASHTO M190. SEAL ENDS OF CASING WITH 3000 PSI NON-SHRINK GROUT.

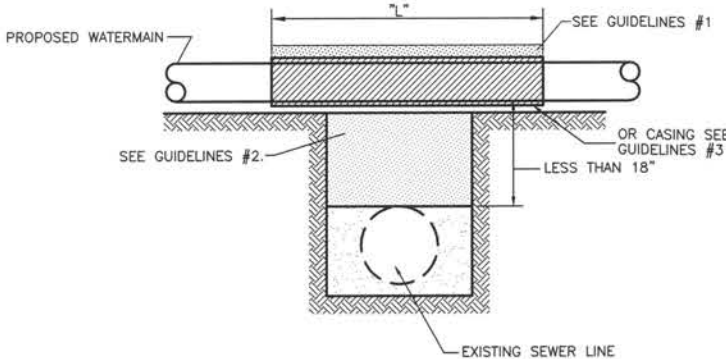
$L = 20' + \text{PIPE O.D.}$



REPAIR OF DAMAGED NONMETALLIC FIELD TILE
STORM SEWER, SANITARY SEWER, CULVERTS
NOT TO SCALE



NOTE: COMPACTION REQUIREMENTS REFER TO 20-2.20B OF THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS.



WATER AND SEWER SEPARATION REQUIREMENTS FOR PROPOSED
WATERMAIN ABOVE EXISTING SEWER LINE WITH
LESS THAN 18" VERTICAL SEPARATION

GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATERMAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.
2. IF SELECT GRANULAR BACKFILL: REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. CONSTRUCT "L" FEET OF STEEL PIPE HAVING A MINIMUM WALL THICKNESS OF 0.375" AND FABRICATED FROM MATERIAL HAVING A MINIMUM YIELD STRENGTH OF 35,000 PSI FOR CASING OF PROPOSED WATERMAIN. PIPE SHALL BE BITUMINOUS COATED IN CONFORMANCE WITH AASHTO M190. SEAL ENDS OF CASING WITH 3000 PSI NON-SHRINK GROUT.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATERMAIN CASING AND SEWER.

$L = 20' + \text{PIPE O.D.}$

DRAWN BY: LMP	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION
CHECKED BY: MWP				
DATE: 07/2023				



PERU MORRIS
OTTAWA
ILLINOIS

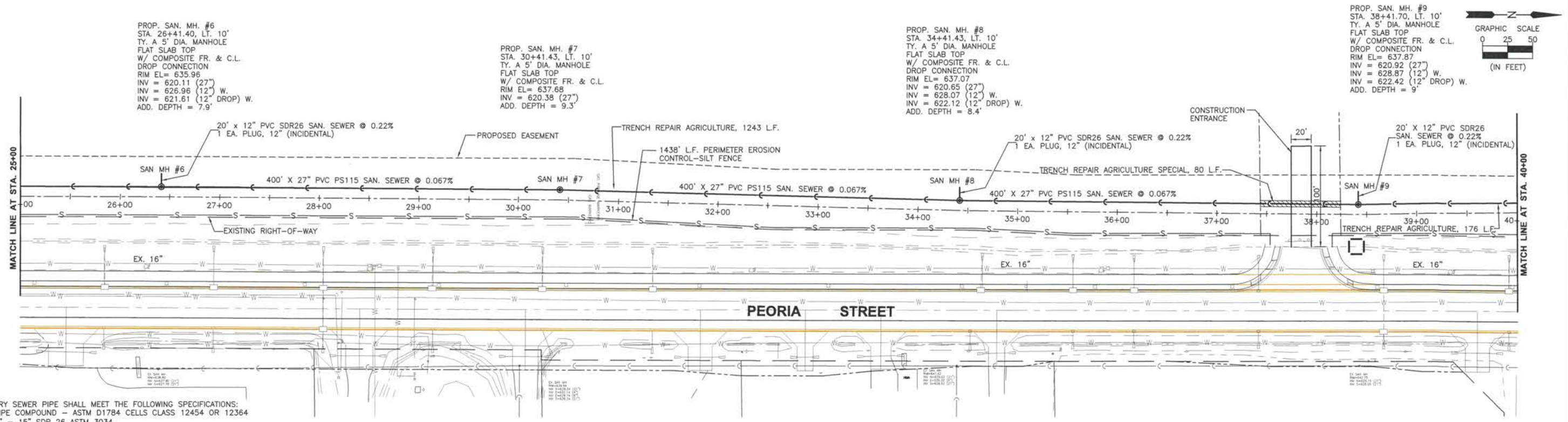
PERU NORTH TRUNK LINE DEEP SEWER
PERU JOB #17 - 06 - SS
CITY OF PERU

DETAILS AND SUMMARY OF QUANTITIES

BIDDING
PLANS

CURRENT AS OF: 09/15/2025	
SCALE: AS NOTED	SHEET 4
FILE NO.: 5767.01 Y-	OF 18

CHAMLIN & ASSOCIATES, INC. © 2022
Drawing Name: C:\Users\j5767-01\Peru-North-Trunk-Sewer\CAD\CD\NEW TRUNK SEWER ALIGNMENT\07-PP-25-40.dwg
Last Modified: Tuesday, March 4, 2025 10:54:43 AM
Plotted On: Monday, September 15, 2025 1:50:22 PM
By: Jonathan Covert



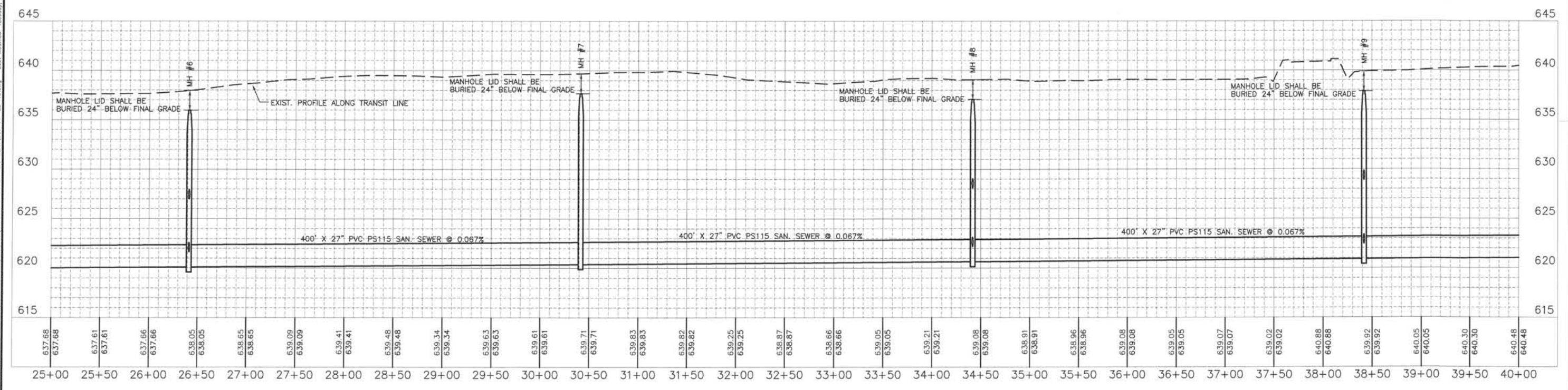
SANITARY SEWER PIPE SHALL MEET THE FOLLOWING SPECIFICATIONS:
PIPE COMPOUND - ASTM D1784 CELLS CLASS 12454 OR 12364
4" - 15" SDR 26 ASTM 3034
18" - 48" PS 115 ASTM F679
BELL JOINT - ASTM D3212
GASKET - ASTM F477

STRIPPED TOPSOIL SHALL BE PLACED IN A WIND ROW PARALLEL TO THE SANITARY SEWER AT A DISTANCE FAR ENOUGH AWAY FROM TRENCH EXCAVATION THAT EXCAVATED SUBSOIL WILL NOT BECOME INTERMIXED WITH THE TOPSOIL ALSO SO THAT CONSTRUCTION EQUIPMENT WILL NOT NEED TO RUN OR OPERATE OVER THE TOP OF THE SOIL.

THE CONTRACTOR SHALL REMOVE ALL ROCKS 1.5" AND LARGER FROM THE TOP OF THE SUBSOIL MATERIAL PRIOR TO PLACING TOPSOIL.

BENCHMARKS:
BM 34
CHISELED BOX ON N.W. CORNER OF CONCRETE DIVERSION STRUCTURE AT S.E. CORNER OF MIDTOWN RD AND PEORIA ST
ELEV.=637.82

—S— PERIMETER EROSION CONTROL - SILT FENCE
□ CULVERT INLET PROTECTION



DRAWN BY: LMP CHECKED BY: MWP DATE: 07/2023	REVISIONS					PERU MORRIS OTTAWA ILLINOIS	PERU NORTH TRUNK LINE DEEP SEWER PERU JOB # 17 - 06 - SS CITY OF PERU	PLAN AND PROFILE STA. 25+00 TO STA. 40+00	BIDDING PLANS	CURRENT AS OF: 09/15/2025	
	LEVEL	BY	DATE	DESCRIPTION						SCALE: AS NOTED	SHEET 7
										FILE NO.: 5767.01	Y- OF 18

SANITARY SEWER PIPE SHALL MEET THE FOLLOWING SPECIFICATIONS:
PIPE COMPOUND - ASTM D1784 CELLS CLASS 12454 OR 12364
4" - 15" SDR 26 ASTM 3034
18" - 48" PS 115 ASTM F679
BELL JOINT - ASTM D3212
GASKET - ASTM F477

STRIPPED TOPSOIL SHALL BE PLACED IN A WIND ROW PARALLEL TO THE
SANITARY SEWER AT A DISTANCE FAR ENOUGH AWAY FROM TRENCH EXCAVATION
THAT EXCAVATED SUBSOIL WILL NOT BECOME INTERMIXED WITH THE TOPSOIL
ALSO SO THAT CONSTRUCTION EQUIPMENT WILL NOT NEED TO RUN OR
OPERATE OVER THE TOP OF THE SOIL.

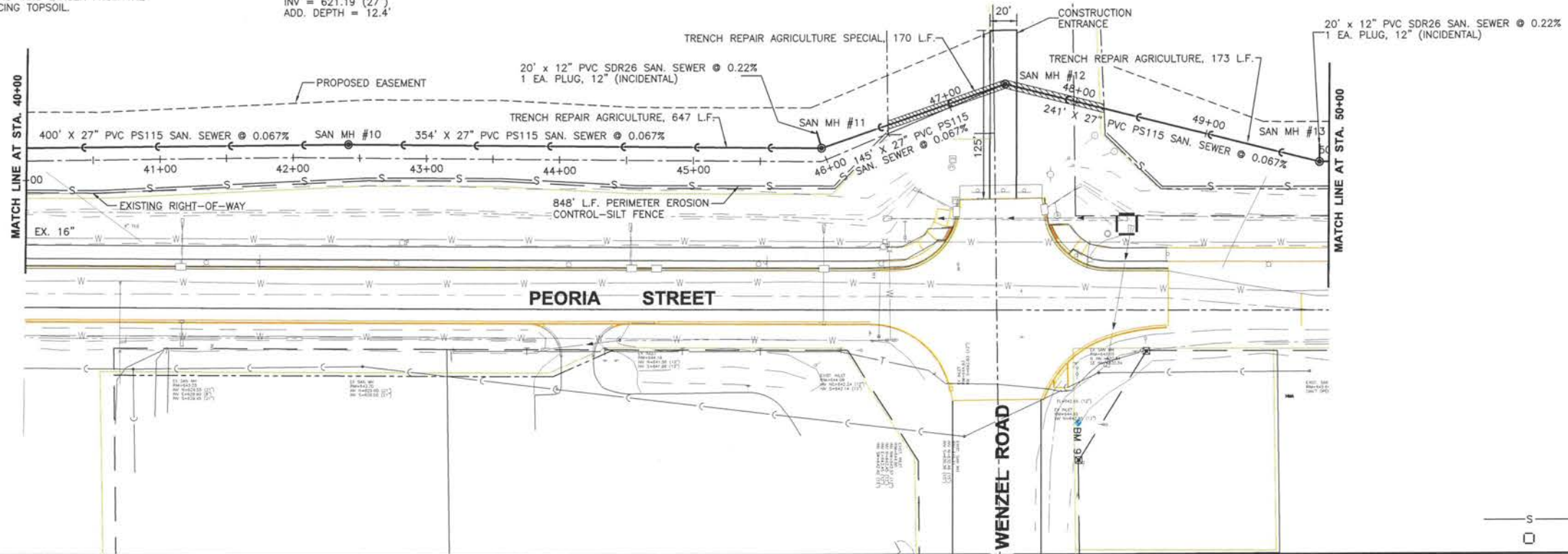
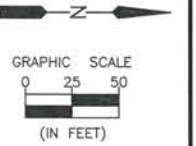
THE CONTRACTOR SHALL REMOVE ALL ROCKS 1.5" AND LARGER FROM THE
TOP OF THE SUBSOIL MATERIAL PRIOR TO PLACING TOPSOIL.

PROP. SAN. MH. #10
STA. 42+41.44, LT. 10'
TY. A 5' DIA. MANHOLE
FLAT SLAB TOP
W/ COMPOSITE FR. & C.L.
RIM EL= 641.59
INV = 621.19 (27")
ADD. DEPTH = 12.4'

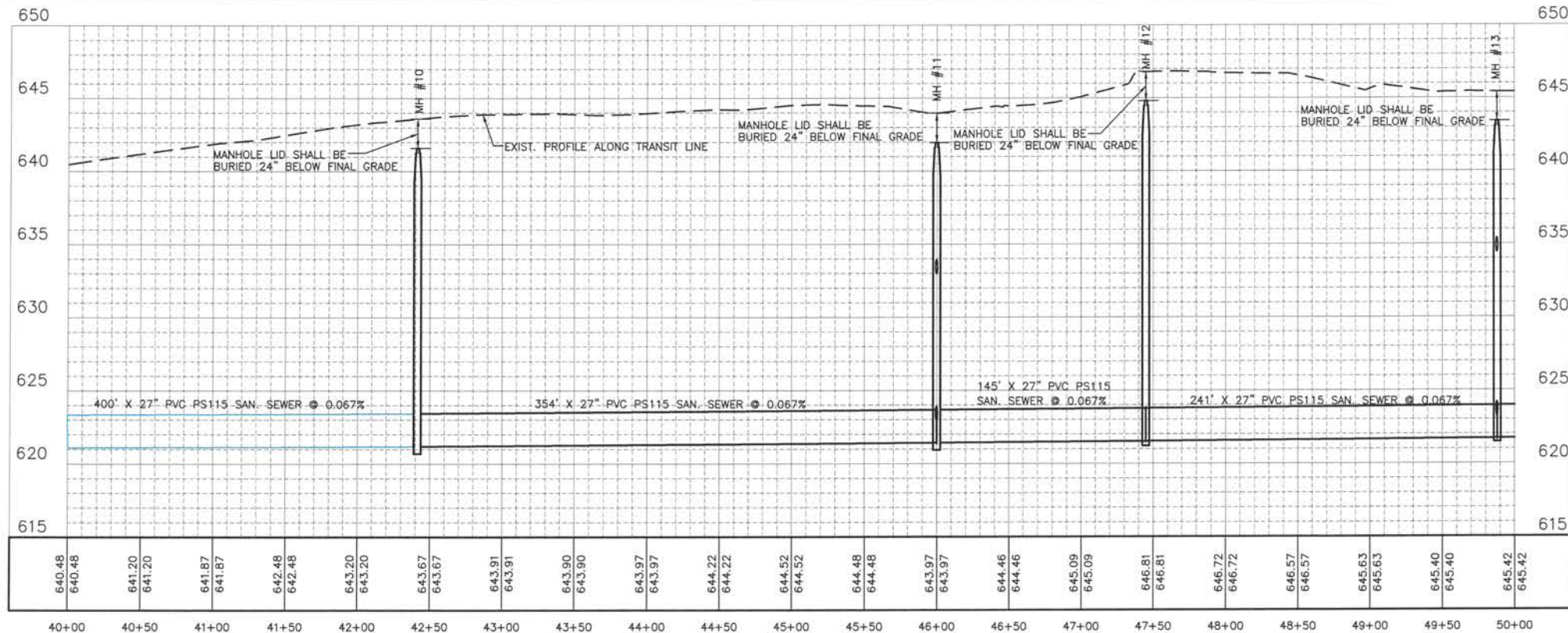
PROP. SAN. MH. #11
STA. 45+99.86, LT. 10'
TY. A 5' DIA. MANHOLE
FLAT SLAB TOP
W/ COMPOSITE FR. & C.L.
DROP CONNECTION
RIM EL= 641.96
INV = 621.43 (27")
INV = 632.96 (12")
INV = 622.93 (12" DROP) W.
ADD. DEPTH = 12.5'

PROP. SAN. MH. #12
STA. 47+45.00, LT. 0'
TY. A 5' DIA. MANHOLE
FLAT SLAB TOP
W/ COMPOSITE FR. & C.L.
RIM EL= 644.80
INV = 621.53 (27")
ADD. DEPTH = 15.3'

PROP. SAN. MH. #13
STA. 49+87.92, LT. 0'
TY. A 5' DIA. MANHOLE
FLAT SLAB TOP
W/ COMPOSITE FR. & C.L.
DROP CONNECTION
RIM EL= 643.41
INV = 621.70 (27")
INV = 634.41 (12")
INV = 623.20 (12" DROP) W.
ADD. DEPTH = 13.7'



BENCHMARKS:
BM 9
RAILROAD SPIKE IN S.W. SIDE OF
E-W TRANSMISSION LINE POWER POLE
AT N.E. CORNER OF PEORIA ST &
WENZEL ROAD
ELEV.=644.70



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Drawing Name: C:\Users\jmorris\OneDrive\Documents\Peru\Peru North Trunk Line Deep Sewer\Peru North Trunk Line Deep Sewer.dwg
Last Modified: Tuesday, March 4, 2025, 10:44:33 AM
Plotted On: Monday, September 15, 2025, 1:52:49 PM
by: Jonathan Covert

DRAWN BY: LMP	LEVEL	BY	DATE	REVISIONS	DESCRIPTION
CHECKED BY: MWP					
DATE: 07/2023					



PERU MORRIS
OTTAWA
ILLINOIS

PERU NORTH TRUNK LINE DEEP SEWER
PERU JOB # 17 - 06 - SS
CITY OF PERU

PLAN AND PROFILE
STA. 40+00 TO STA. 50+00

BIDDING
PLANS

CURRENT AS OF: 09/15/2025	
SCALE: AS NOTED	SHEET 8
FILE NO.: 5767.01	Y- OF 18

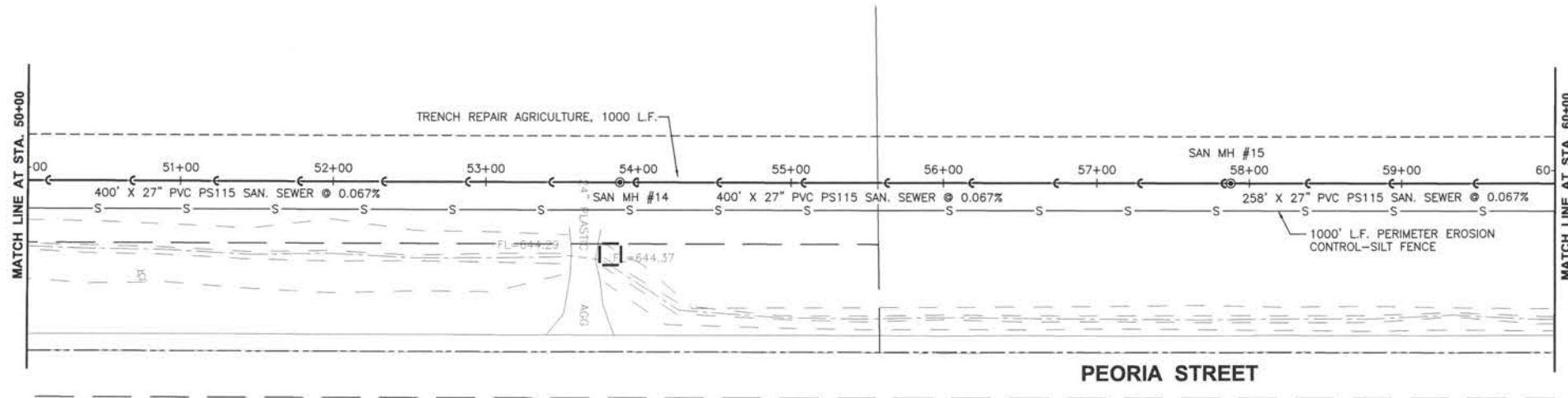
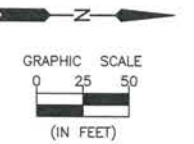
SANITARY SEWER PIPE SHALL MEET THE FOLLOWING SPECIFICATIONS:
PIPE COMPOUND - ASTM D1784 CELLS CLASS 12454 OR 12364
4" - 15" SDR 26 ASTM 3034
18" - 48" PS 115 ASTM F679
BELL JOINT - ASTM D3212
GASKET - ASTM F477

STRIPPED TOPSOIL SHALL BE PLACED IN A WINDOW PARALLEL TO THE
SANITARY SEWER AT A DISTANCE FAR ENOUGH AWAY FROM TRENCH EXCAVATION
THAT EXCAVATED SUBSOIL WILL NOT BECOME INTERMIXED WITH THE TOPSOIL
ALSO SO THAT CONSTRUCTION EQUIPMENT WILL NOT NEED TO RUN OR
OPERATE OVER THE TOP OF THE SOIL.

THE CONTRACTOR SHALL REMOVE ALL ROCKS 1.5" AND LARGER FROM THE
TOP OF THE SUBSOIL MATERIAL PRIOR TO PLACING TOPSOIL.

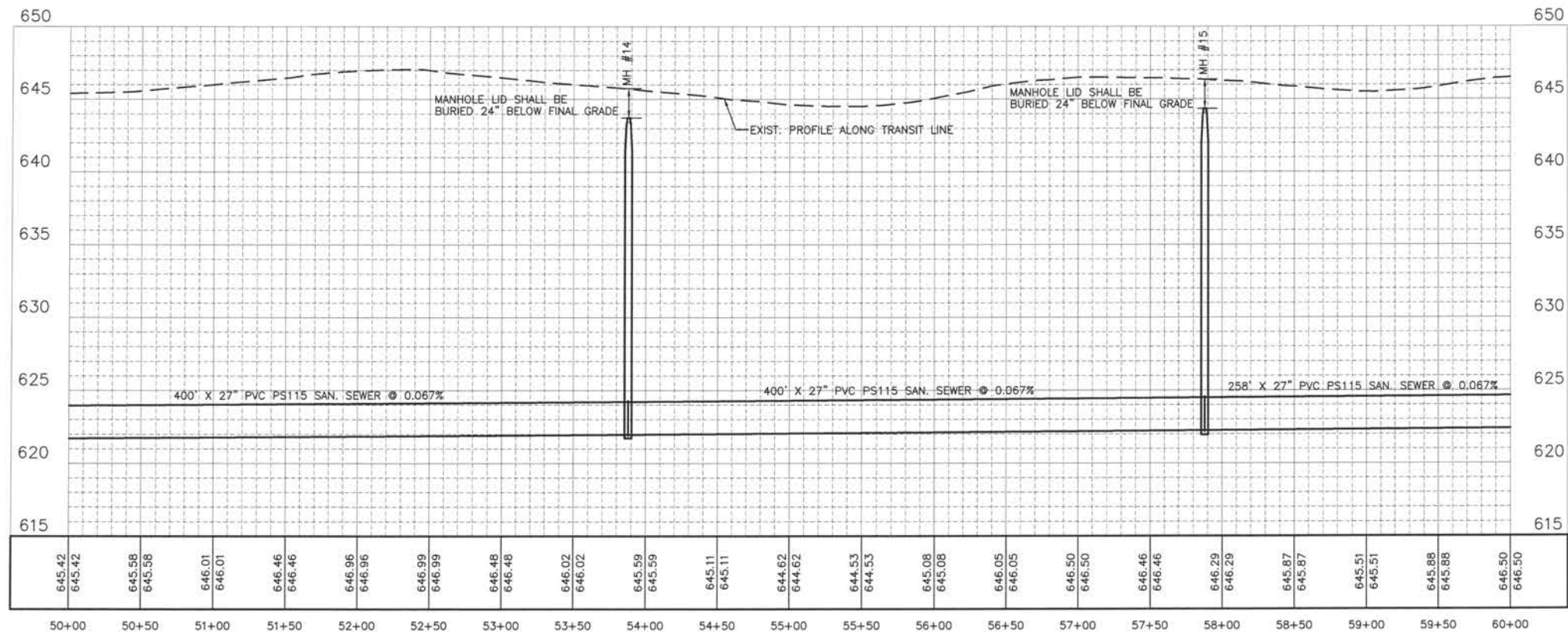
PROP. SAN. MH. #14
STA. 53+87.92, LT. 0'
TY. A 5' DIA. MANHOLE
FLAT SLAB TOP
W/ COMPOSITE FR. & C.L.
RIM EL = 643.73
INV = 621.97 (27")
ADD. DEPTH = 13.8'

PROP. SAN. MH. #15
STA. 57+87.92, LT. 0'
TY. A 5' DIA. MANHOLE
FLAT SLAB TOP
W/ COMPOSITE FR. & C.L.
RIM EL = 644.35
INV = 622.24 (27")
ADD. DEPTH = 14.1'



— S — PERIMETER EROSION CONTROL - SILT FENCE
□ CULVERT INLET PROTECTION

BENCHMARKS:
BM 9A
RAILROAD SPIKE IN W. SIDE OF
POWER POLE E. SIDE OF PEORIA ST
N. SIDE OF N.E. ENTRANCE TO MALL
4TH POWER POLE S. OF 38TH ST
ELEV. = 646.81



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C:\Users\j\Documents\Peru\Peru North Trunk Line Deep Sewer\Drawings\Peru North Trunk Line Deep Sewer\Peru North Trunk Line Deep Sewer.dwg

DRAWN BY: LMP
CHECKED BY: MWP
DATE: 07/2023

REVISIONS			
LEVEL	BY	DATE	DESCRIPTION



PERU MORRIS
OTTAWA
ILLINOIS

PERU NORTH TRUNK LINE DEEP SEWER
PERU JOB # 17 - 06 - SS
CITY OF PERU

PLAN AND PROFILE
STA. 50+00 TO STA. 60+00

BIDDING
PLANS

CURRENT AS OF: 09/15/2025		
SCALE: AS NOTED		SHEET 9
FILE NO.: 5767.01	Y-	OF 18

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C:\Users\j32107\OneDrive\Documents\Peru\Peru-17-06-SS\Peru-17-06-SS.dwg
Printed On: Monday, September 15, 2025 7:46:14 AM
Last Modified: Wednesday, March 5, 2025 7:46:14 AM
by Jonathan Covert

SANITARY SEWER PIPE SHALL MEET THE FOLLOWING SPECIFICATIONS:
PIPE COMPOUND - ASTM D1784 CELLS CLASS 12454 OR 12364
4" - 15" SDR 26 ASTM 3034
18" - 48" PS 115 ASTM F679
BELL JOINT - ASTM D3212
GASKET - ASTM F477

STRIPPED TOPSOIL SHALL BE PLACED IN A WIND ROW PARALLEL TO THE
SANITARY SEWER AT A DISTANCE FAR ENOUGH AWAY FROM TRENCH EXCAVATION
THAT EXCAVATED SUBSOIL WILL NOT BECOME INTERMIXED WITH THE TOPSOIL
ALSO SO THAT CONSTRUCTION EQUIPMENT WILL NOT NEED TO RUN OR
OPERATE OVER THE TOP OF THE SOIL.

THE CONTRACTOR SHALL REMOVE ALL ROCKS 1.5" AND LARGER FROM THE
TOP OF THE SUBSOIL MATERIAL PRIOR TO PLACING TOPSOIL.

BENCHMARKS:

BM 9B
RAILROAD SPIKE IN POWER POLE
AT N.E. CORNER OF PEORIA ST
AND 38TH ST
ELEV.=647.37

BM 9A
RAILROAD SPIKE IN W. SIDE OF
POWER POLE E. SIDE OF PEORIA ST
N. SIDE OF N.E. ENTRANCE TO MALL
4TH POWER POLE S. OF 38TH ST
ELEV.= 646.81

20' x 12" PVC SDR26 SAN. SEWER @ 0.22%
1 EA. PLUG, 12" (INCIDENTAL)

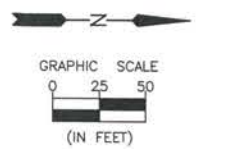
PROP. SAN. MH. #16B
STA. 63+44.39, LT. 0'
TY. A 6' DIA. MANHOLE
FLAT SLAB TOP
W/ COMPOSITE FR. & C.L.
DROP CONNECTION
RIM EL= 644.56
INV = 622.61 (27")
INV = 635.56 (12") W.
INV = 624.11 (12" DROP) W.
ADD. DEPTH = 15.9'

PROP. SAN. MH. #16A
STA. 60+45.73, LT. 0'
TY. A 6' DIA. MANHOLE
FLAT SLAB TOP
W/ COMPOSITE FR. & C.L.
RIM EL= 644.55
INV = 622.41 (27")
ADD. DEPTH = 16.1'

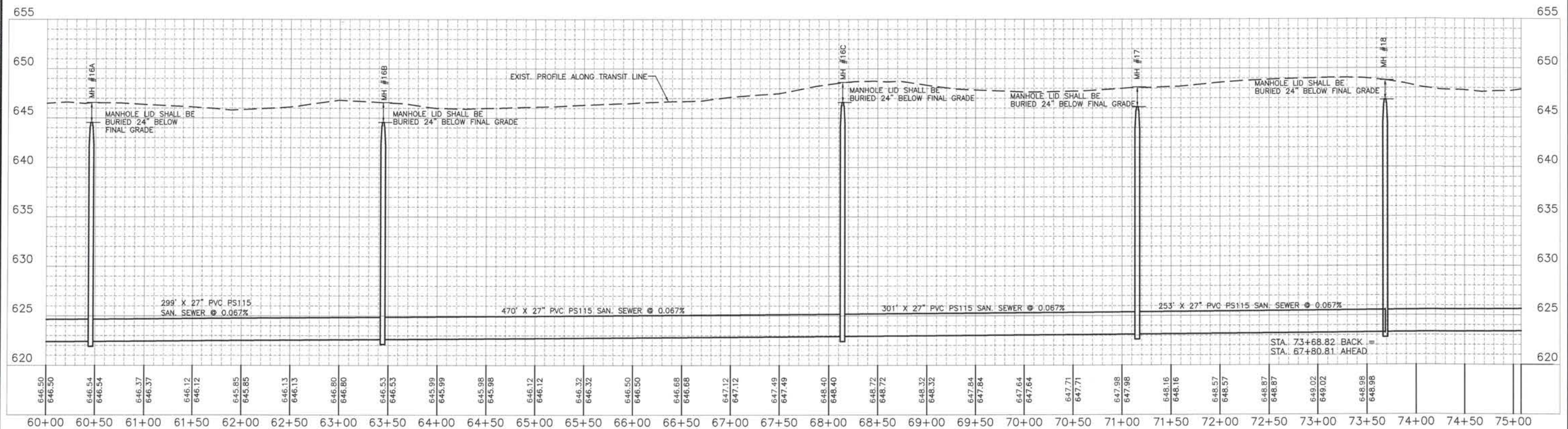
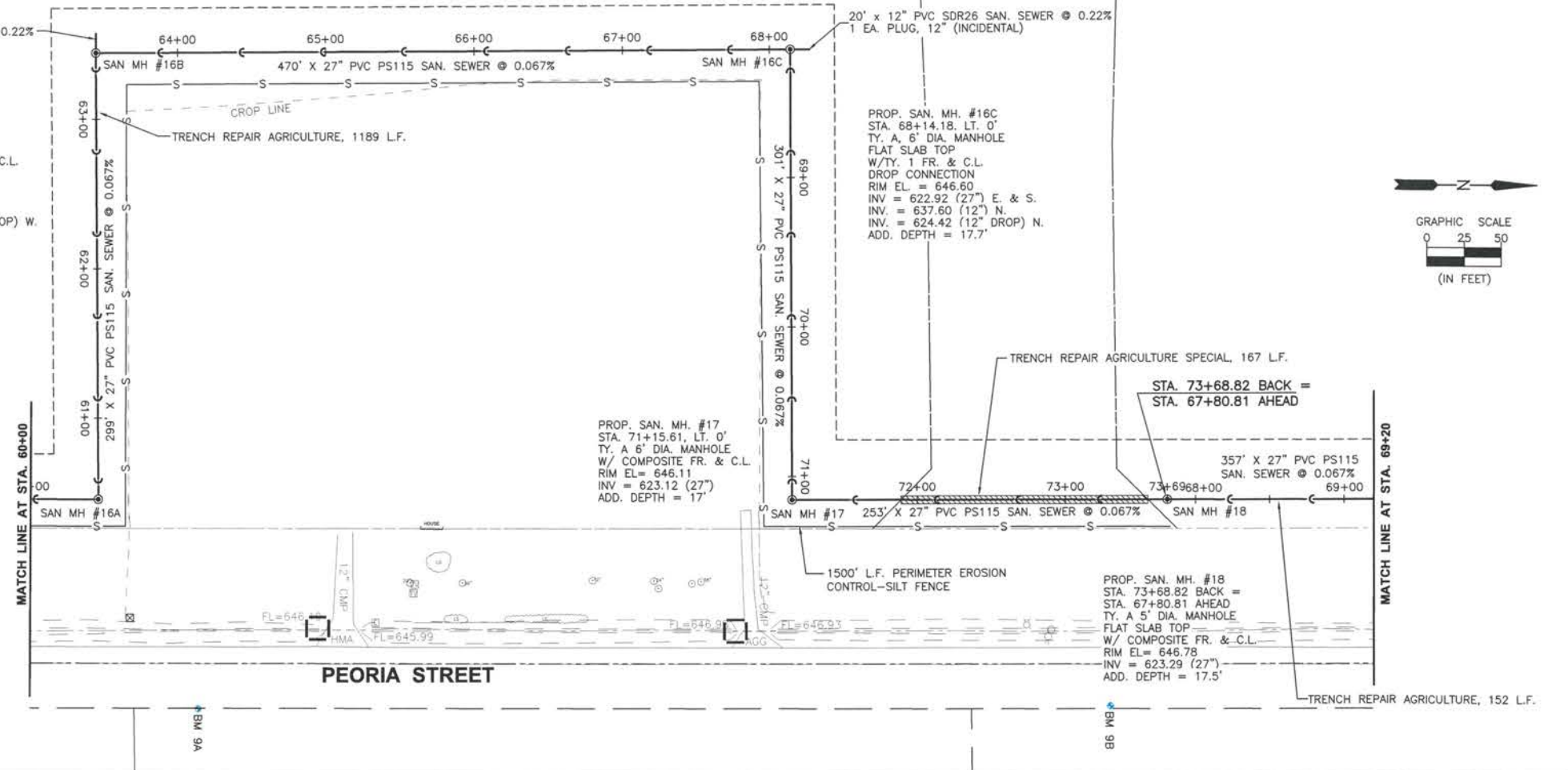
PROP. SAN. MH. #17
STA. 71+15.61, LT. 0'
TY. A 6' DIA. MANHOLE
W/ COMPOSITE FR. & C.L.
RIM EL= 646.11
INV = 623.12 (27")
ADD. DEPTH = 17'

PROP. SAN. MH. #16C
STA. 68+14.18, LT. 0'
TY. A 6' DIA. MANHOLE
FLAT SLAB TOP
W/ TY. 1 FR. & C.L.
DROP CONNECTION
RIM EL = 646.60
INV = 622.92 (27") E. & S.
INV = 637.60 (12") N.
INV = 624.42 (12" DROP) N.
ADD. DEPTH = 17.7'

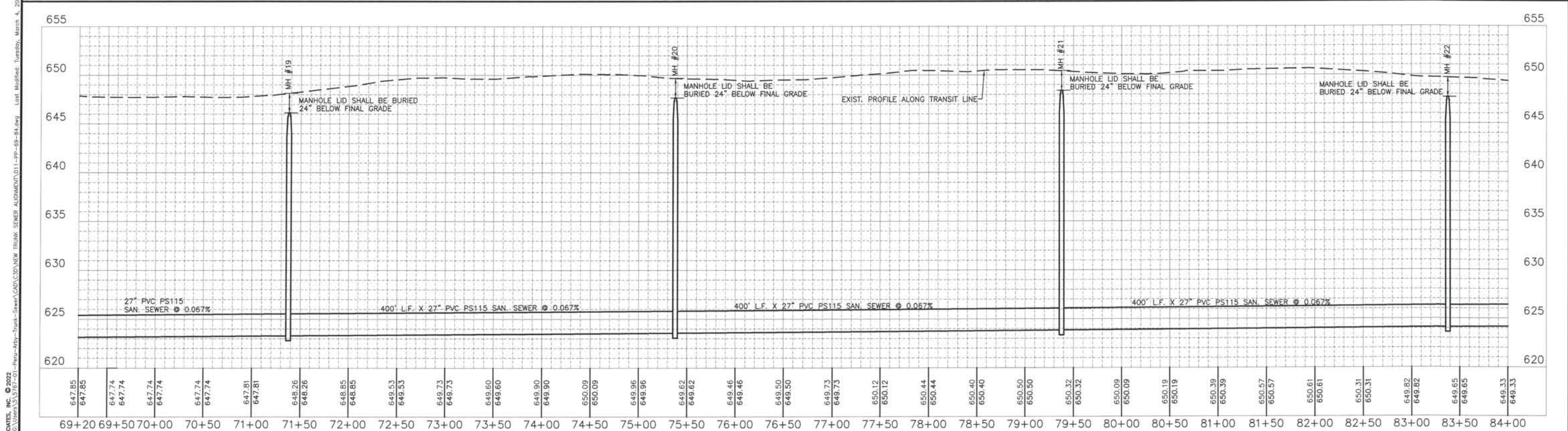
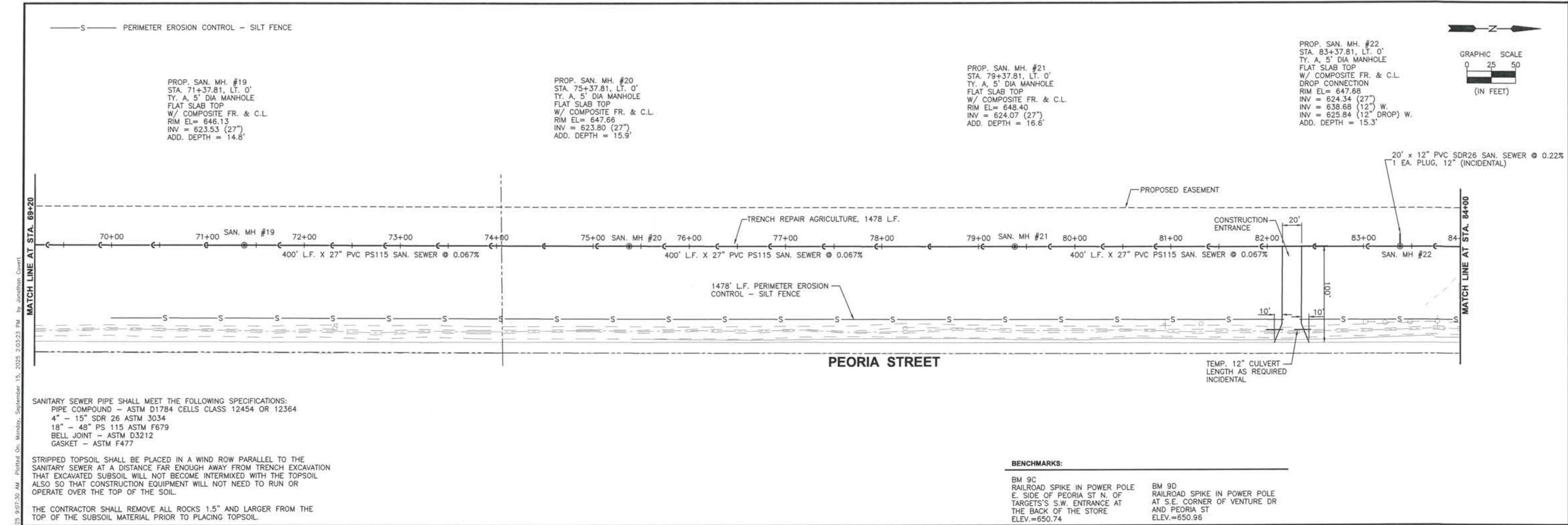
PROP. SAN. MH. #18
STA. 73+68.82 BACK =
STA. 67+80.81 AHEAD
TY. A 5' DIA. MANHOLE
FLAT SLAB TOP
W/ COMPOSITE FR. & C.L.
RIM EL= 646.78
INV = 623.29 (27")
ADD. DEPTH = 17.5'



- S — PERIMETER EROSION CONTROL - SILT FENCE
- CULVERT INLET PROTECTION SILT FENCE



DRAWN BY: LMP		REVISIONS			PERU MORRIS OTTAWA ILLINOIS	PERU NORTH TRUNK LINE DEEP SEWER PERU JOB # 17 - 06 - SS CITY OF PERU	PLAN AND PROFILE STA. 60+00 TO STA. 70+00	BIDDING PLANS	CURRENT AS OF: 09/15/2025	
CHECKED BY: MWP		LEVEL	BY	DATE					SCALE: AS NOTED	SHEET 10
DATE: 07/2023									FILE NO.: 5767.01	Y- OF 18



CHAMLIN & ASSOCIATES Drawing Number	DRAWN BY: LMP				REVISIONS				 Chamlin & Associates	PERU MORRIS OTTAWA ILLINOIS	PERU NORTH TRUNK LINE DEEP SEWER PERU JOB # 17 - 06 - SS CITY OF PERU	PLAN AND PROFILE STA. 70+00 TO STA. 85+00	BIDDING PLANS	CURRENT AS OF: 09/15/2025		
	CHECKED BY: MWP				LEVEL	BY	DATE	DESCRIPTION						SCALE: AS NOTED	SHEET 11	
	DATE: 07/2023													FILE NO.: 5767.01	Y-	OF 18

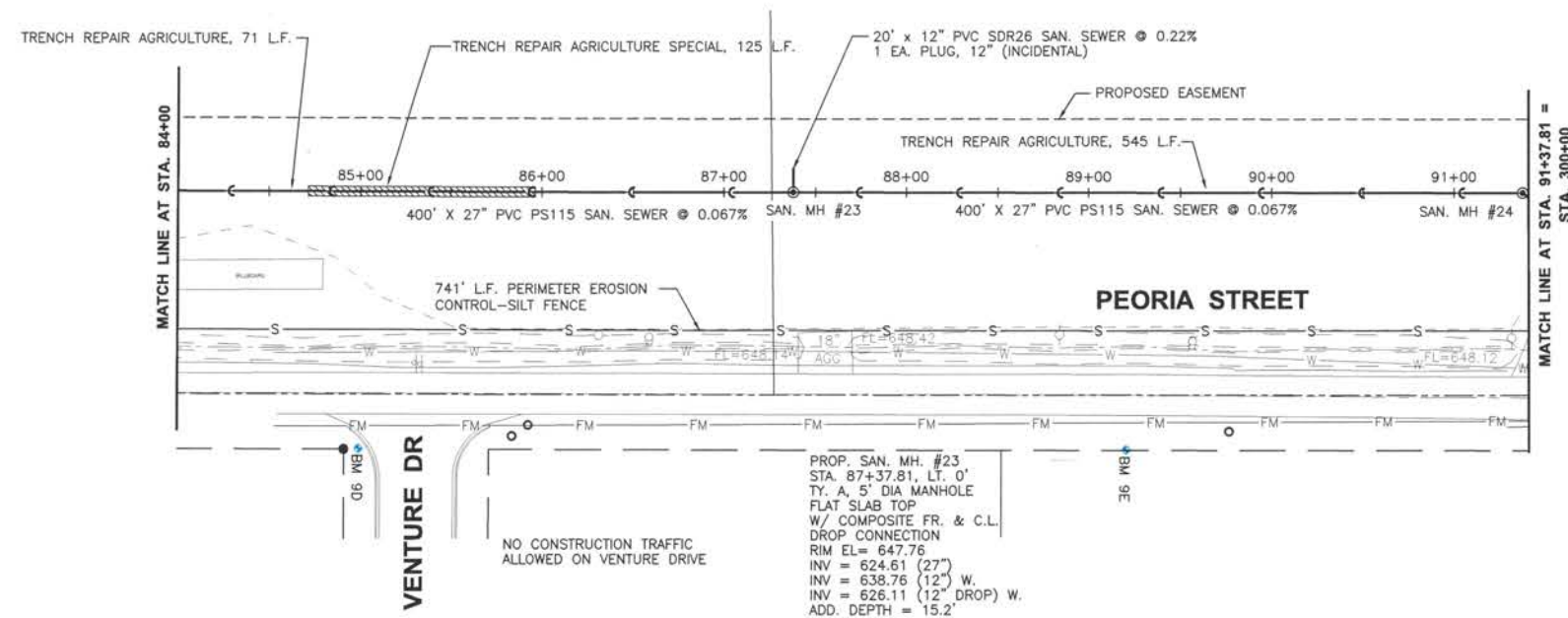
BM 9D
RAILROAD SPIKE IN POWER POLE
AT S.E. CORNER OF VENTURE DR
AND PEORIA ST
ELEV.=650.96

BM 9E
RAILROAD SPIKE IN POWER POLE
E. SIDE OF PEORIA ST S. OF
HAMPTON INN'S W. ENTRANCE
ELEV.=650.14

GRAPHIC SCALE

0 25 50

(IN FEET)



PROP. SAN. MH. #24
STA. 91+37.81 =
STA. 300+00
TY. A, 5' DIA MANHOLE
FLAT SLAB TOP
W/ COMPOSITE FR. & C.L.
RIM EL= 647.35
INV = 624.88 (27")
ADD. DEPTH = 14.5'

SANITARY SEWER PIPE SHALL MEET THE FOLLOWING SPECIFICATIONS:
PIPE COMPOUND - ASTM D1784 CELLS CLASS 12454 OR 12364
4" - 15" SDR 26 ASTM 3034
18" - 48" PS 115 ASTM F679
BELL JOINT - ASTM D3212
GASKET - ASTM F477

STRIPPED TOPSOIL SHALL BE PLACED IN A WIND ROW PARALLEL TO THE
SANITARY SEWER AT A DISTANCE FAR ENOUGH AWAY FROM TRENCH EXCAVATION
THAT EXCAVATED SUBSOIL WILL NOT BECOME INTERMIXED WITH THE TOPSOIL.
ALSO SO THAT CONSTRUCTION EQUIPMENT WILL NOT NEED TO RUN OR
OPERATE OVER THE TOP OF THE SOIL.

THE CONTRACTOR SHALL REMOVE ALL ROCKS 1.5" AND LARGER FROM THE TOP OF THE SUBSOIL MATERIAL PRIOR TO PLACING TOPSOIL.

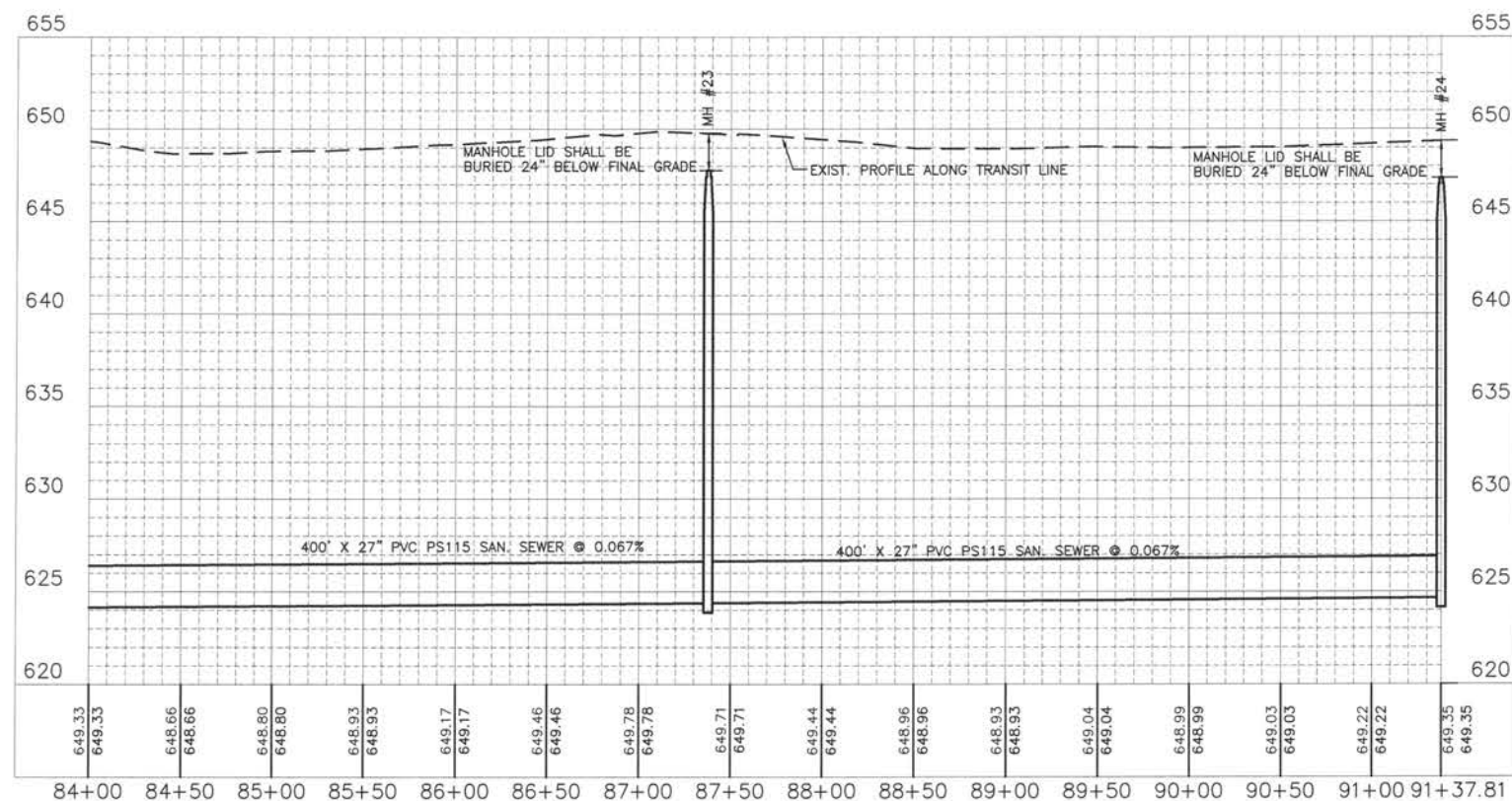
THE CONTRACTOR WILL NOT BE ALLOWED TO PARK VEHICLES
ON THE SHOULDERS OF RTE. 80 DURING THE WORK OPERATIONS

SEE SHEET 4 FOR TRAFFIC CONTROL STANDARD FOR THIS OPERATION

2 WEEKS PRIOR TO START OF THE JACK AND BORE OPERATION
THE CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL FORM
BSPE 725 TO THE OWNER/ENGINEER WHICH WILL THEN
BE FORWARDED TO I.D.O.T.

NOTE:
THE MINIMUM ALLOWABLE STEEL CASING SHALL BE 36" DIA. WITH $\frac{1}{2}$ " MIN WALL THICKNESS $\pm$ 0.067% SLOPE
AT THE CONTRACTORS OPTION THE CASING PIPE CAN BE INSTALLED AT 0.00% (FLAT) SLOPE AND THE PIPE SLOPE SHALL BE ACHIEVED BY INSTALLING CASING SPACERS SPECIFICALLY DESIGNED TO CREATE SLOPE ON THE PIPE. SHOULD THE CONTRACTOR CHOOSE TO USE CASING SPACERS TO ACHIEVE THE SLOPE IN THE PIPE, THE CASING PIPE DIAMETER SHALL BE ADJUSTED AS REQUIRED AND THERE SHALL BE NO ADDITIONAL COSTS TO THE PROJECT DUE TO INCREASE IN CASING SIZE OR ANY ADDITIONAL COST FOR THE SPECIAL CASING SPACERS

THE SANITARY SEWER TO BE CONSTRUCTED IN THE CASING SHALL HAVE RESTRAINED JOINTS



DRAWN BY: 3 CHECKED BY: MWP DATE: 07/2024	REVISIONS			
	LEVEL	BY	DATE	DESCRIPTION



PERU MORRIS
OTTAWA
ILLINOIS

PERU NORTH TRUNK LINE DEEP SEWER
PERU JOB # 17 - 06 - SS
CITY OF PERU

PLAN AND PROFILE
STA. 85+00 TO STA. 91+37.81

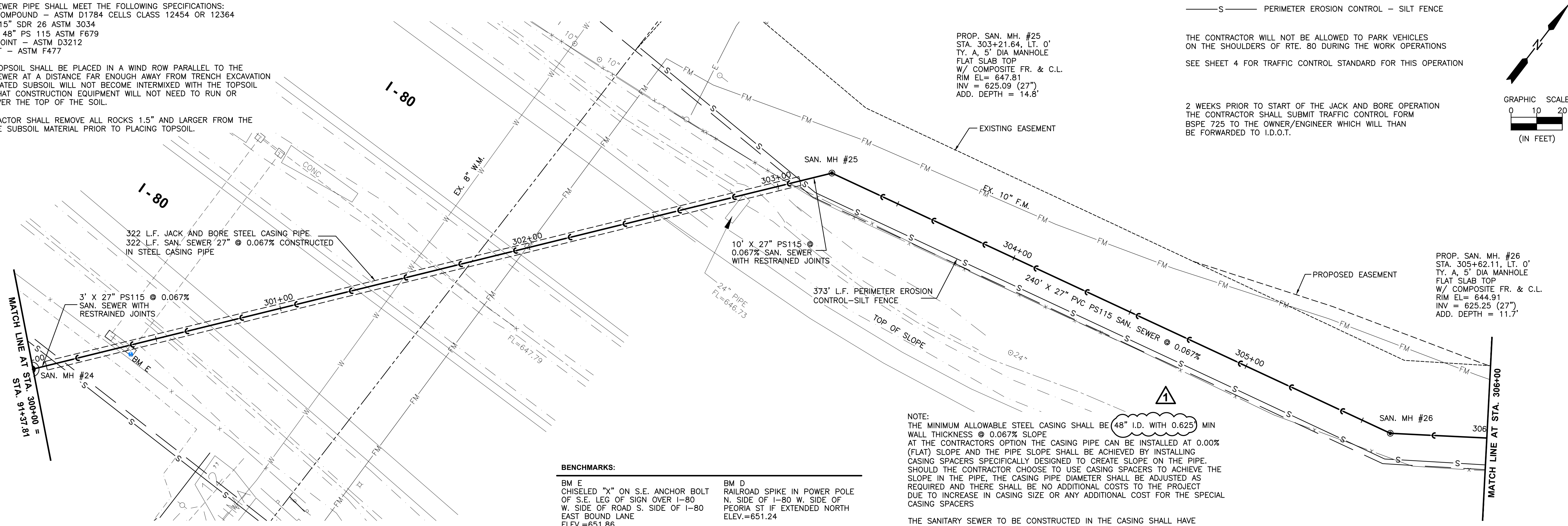
BIDDING PLANS

CURRENT AS OF: 09/15/2025			
SCALE: AS NOTED		SHEET 12	
FILE NO.: 5767.01 Y-		OF	18

SANITARY SEWER PIPE SHALL MEET THE FOLLOWING SPECIFICATIONS:
PIPE COMPOUND - ASTM D1784 CELLS CLASS 12454 OR 12364
4" - 15" SDR 26 ASTM 3034
18" - 48" PS 115 ASTM F679
BELL JOINT - ASTM D3212
GASKET - ASTM F477

STRIPPED TOPSOIL SHALL BE PLACED IN A WIND ROW PARALLEL TO THE
SANITARY SEWER AT A DISTANCE FAR ENOUGH AWAY FROM TRENCH EXCAVATION
THAT EXCAVATED SUBSOIL WILL NOT BECOME INTERMIXED WITH THE TOPSOIL
ALSO SO THAT CONSTRUCTION EQUIPMENT WILL NOT NEED TO RUN OR
OPERATE OVER THE TOP OF THE SOIL.

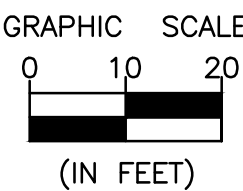
THE CONTRACTOR SHALL REMOVE ALL ROCKS 1.5" AND LARGER FROM THE
TOP OF THE SUBSOIL MATERIAL PRIOR TO PLACING TOPSOIL.



—S— PERIMETER EROSION CONTROL - SILT FENCE

THE CONTRACTOR WILL NOT BE ALLOWED TO PARK VEHICLES
ON THE SHOULDERS OF RTE. 80 DURING THE WORK OPERATIONS
SEE SHEET 4 FOR TRAFFIC CONTROL STANDARD FOR THIS OPERATION

2 WEEKS PRIOR TO START OF THE JACK AND BORE OPERATION
THE CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL FORM
BSPE 725 TO THE OWNER/ENGINEER WHICH WILL THEN
BE FORWARDED TO I.D.O.T.



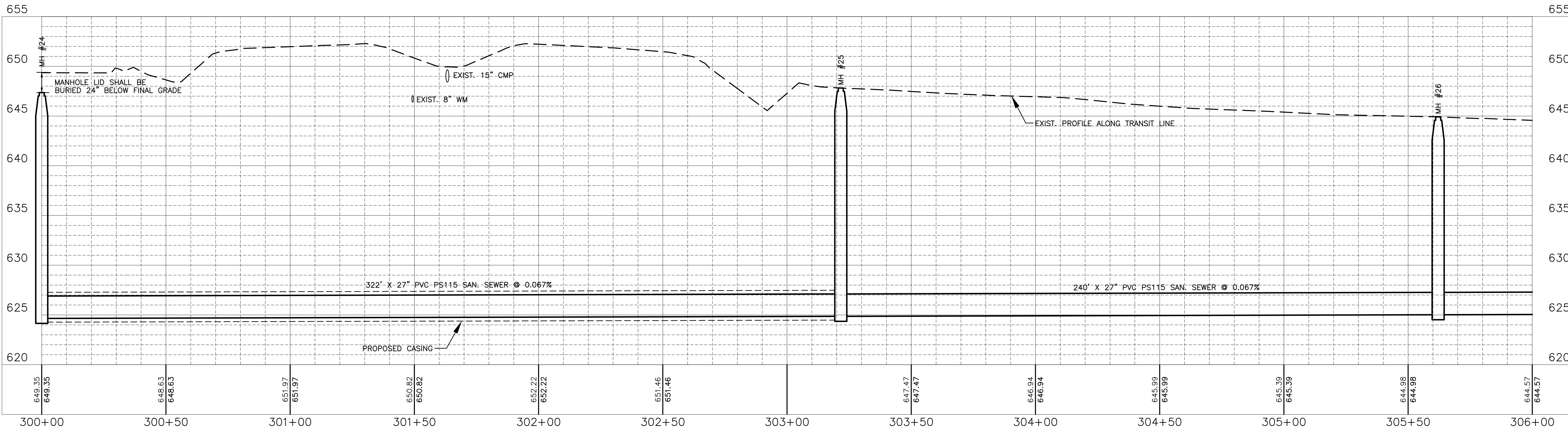
BENCHMARKS:

BM E
CHISELED "X" ON S.E. ANCHOR BOLT
OF S.E. LEG OF SIGN OVER I-80
W. SIDE OF ROAD S. SIDE OF I-80
EAST BOUND LANE
ELEV.=651.86

BM D
RAILROAD SPIKE IN POWER POLE
N. SIDE OF I-80 W. SIDE OF
PEORIA ST IF EXTENDED NORTH
ELEV.=651.24

NOTE:
THE MINIMUM ALLOWABLE STEEL CASING SHALL BE 48" I.D. WITH 0.625" MIN
WALL THICKNESS @ 0.067% SLOPE
AT THE CONTRACTORS OPTION THE CASING PIPE CAN BE INSTALLED AT 0.00%
(FLAT) SLOPE AND THE PIPE SLOPE SHALL BE ACHIEVED BY INSTALLING
CASING SPACERS SPECIFICALLY DESIGNED TO CREATE SLOPE ON THE PIPE.
SHOULD THE CONTRACTOR CHOOSE TO USE CASING SPACERS TO ACHIEVE THE
SLOPE IN THE PIPE, THE CASING PIPE DIAMETER SHALL BE ADJUSTED AS
REQUIRED AND THERE SHALL BE NO ADDITIONAL COSTS TO THE PROJECT
DUE TO INCREASE IN CASING SIZE OR ANY ADDITIONAL COST FOR THE SPECIAL
CASING SPACERS

THE SANITARY SEWER TO BE CONSTRUCTED IN THE CASING SHALL HAVE
RESTRAINED JOINTS



DRAWN BY: 3	REVISIONS			
CHECKED BY: MWP	LEVEL	BY	DATE	DESCRIPTION
DATE: 04/2024	1	JJC	09/30/25	ADDENDUM No. 1



PERU MORRIS
OTTAWA
ILLINOIS

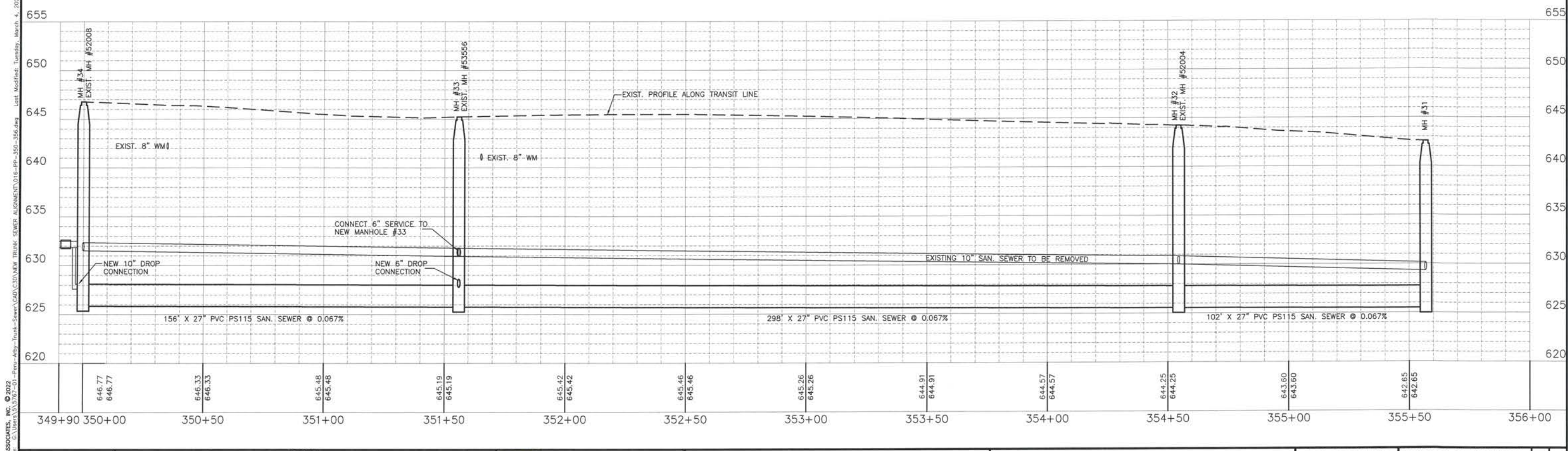
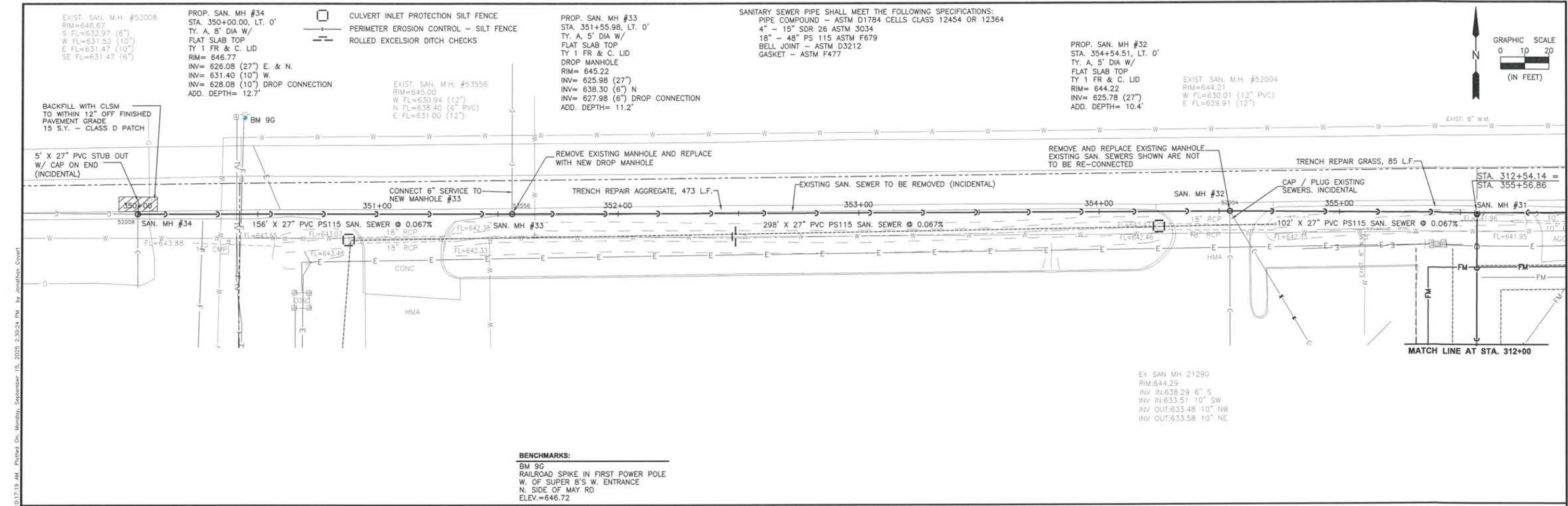
PERU NORTH TRUNK LINE DEEP SEWER
PERU JOB # 17 - 06 - SS
CITY OF PERU

PLAN AND PROFILE
STA. 300+00 TO STA. 306+00

BIDDING
PLANS

CURRENT AS OF: 09/30/2025	
SCALE: AS NOTED	SHEET 13
FILE NO.: 5767.01	OF 18

CHAMLIN & ASSOCIATES, INC. © 2022
Drawing Name: G:\Users\G\767-01-Peru-Arby-Trunk-Sewer\CAD\C3D\NEW TRUNK SEWER ALIGNMENT\013-PP-300-306.dwg
Last Modified: Monday, September 15, 2025 2:18:06 PM
Plotted On: Tuesday, September 30, 2025 3:09:00 PM
by: Jonathan Covert



NO.	ITEM	UNIT	QTY.
1	SANITARY MANHOLE, TY. A, 5' DIA. W/ITY. 1 FR. & C. LID	EACH	
2	SANITARY MANHOLE, TY. A, 6' DIA. W/ITY. 1 FR. & C. LID	EACH	
3	SANITARY MANHOLE, TY. A, 8' DIA. W/ITY. 1 FR. & C. LID	EACH	
4	SANITARY MANHOLE, TY. A, 5' DIA. W/ COMPOSITE FR. & C. LID	EACH	1
5	SANITARY MANHOLE, TY. A, 6' DIA. W/ COMPOSITE FR. & C. LID	EACH	2
6	SANITARY MANHOLE, TY. A, 8' DIA. W/ COMPOSITE FR. & C. LID	EACH	
7	ADDITIONAL DEPTH MANHOLE, 5' DIA.	V. F.	17.5
8	ADDITIONAL DEPTH MANHOLE, 6' DIA.	V. F.	33.1
9	ADDITIONAL DEPTH MANHOLE, 8' DIA.	V. F.	
10	SANITARY DROP MANHOLE TY. A, 5' DIA. W/ITY. 1 FR. & C. LID	EACH	
11	SANITARY DROP MANHOLE TY. A, 6' DIA. W/ITY. 1 FR. & C. LID	EACH	
12	SANITARY DROP MANHOLE TY. A, 8' DIA. W/ITY. 1 FR. & C. LID	EACH	
13	SANITARY DROP MANHOLE TY. A, 5' DIA. W/ COMPOSITE FR. & C. LID	EACH	
14	SANITARY DROP MANHOLE TY. A, 6' DIA. W/ COMPOSITE FR. & C. LID	EACH	2
15	SANITARY DROP MANHOLE TY. A, 8' DIA. W/ COMPOSITE FR. & C. LID	EACH	
16	ADDITIONAL DEPTH DROP MANHOLE, 5' DIA.	V. F.	
17	ADDITIONAL DEPTH DROP MANHOLE, 6' DIA.	V. F.	33.6
18	ADDITIONAL DEPTH DROP MANHOLE, 8' DIA.	V. F.	
19	SANITARY SEWER, 12" PVC SDR 26	L.F.	40
20	SANITARY SEWER, 27" PVC P5115, 16'-20" DEEP	L.F.	
21	SANITARY SEWER, 27" PVC P5115, 20'-24" DEEP	L.F.	670
22	SANITARY SEWER, 27" PVC P5115, 24'-28" DEEP	L.F.	1010
23	SANITARY SEWER, 27" PVC RESTRAINED JOINT, 24' - 28' DEEP	L.F.	
24	SANITARY SEWER, 27" PVC RESTRAINED JOINT, CONSTRUCTED IN STEEL CASING, 24'-28' DEEP	L.F.	
25	JACK AND BORE STEEL CASING, 24'-28' DEEP	L.F.	
26	SANITARY SEWER SERVICE, 6"	EACH	
27	SANITARY SEWER SERVICE, 8"	EACH	
28	FORCE MAIN I.P.S. SDR21, 10"	L.F.	
29	TRENCH REPAIR, AGRICULTURE	L.F.	1,341
30	TRENCH REPAIR, AGRICULTURE SPECIAL	L.F.	167
31	TRENCH REPAIR, GRASS	L.F.	
32	TRENCH REPAIR, GRASS SPECIAL	L.F.	
33	TRENCH REPAIR, CLASS D PATCH	\$ Y	
34	TRENCH REPAIR, AGGREGATE	L.F.	
35	PERIMETER EROSION CONTROL - SILT FENCE	L.F.	1500
36	CULVERT INLET PROTECTION, SILT FENCE	EACH	2
37	INLET PROTECTION - DROP-IN STYLE	EACH	
38	ROLLED EXCELSIOR DITCH CHECKS	EACH	
39	CONSTRUCTION ENTRANCE	EACH	
40	SANITARY MANHOLE INTERIOR WALL COATING, 5' DIA.	V. F.	25.5
41	SANITARY MANHOLE INTERIOR WALL COATING, 6' DIA.	V. F.	98.7
42	SANITARY MANHOLE INTERIOR WALL COATING, 8' DIA.	V. F.	
43	EMERGENCY BY-PASS CONNECTION	L. SUM	

NO.	ITEM	UNIT	QTY.
1	SANITARY MANHOLE, TY. A, 5' DIA. W/TY. 1 FR. & C. LID	EACH	
2	SANITARY MANHOLE, TY. A, 6' DIA. W/TY. 1 FR. & C. LID	EACH	
3	SANITARY MANHOLE, TY. A, 8' DIA. W/TY. 1 FR. & C. LID	EACH	
4	SANITARY MANHOLE, TY. A, 5' DIA. W/ COMPOSITE FR. & C. LID	EACH	2
5	SANITARY MANHOLE, TY. A, 6' DIA. W/ COMPOSITE FR. & C. LID	EACH	
6	SANITARY MANHOLE, TY. A, 8' DIA. W/ COMPOSITE FR. & C. LID	EACH	
7	ADDITIONAL DEPTH MANHOLE, 5' DIA.	V.F.	27.7
8	ADDITIONAL DEPTH MANHOLE, 6' DIA.	V.F.	
9	ADDITIONAL DEPTH MANHOLE, 8' DIA.	V.F.	
10	SANITARY DROP MANHOLE TY. A, 5' DIA. W/TY. 1 FR & C. LID	EACH	
11	SANITARY DROP MANHOLE TY. A, 6' DIA. W/TY. 1 FR & C. LID	EACH	
12	SANITARY DROP MANHOLE TY. A, 8' DIA. W/TY. 1 FR & C. LID	EACH	
13	SANITARY DROP MANHOLE TY. A, 5' DIA. W/ COMPOSITE FR & C. LID	EACH	2
14	SANITARY DROP MANHOLE TY. A, 6' DIA. W/ COMPOSITE FR & C. LID	EACH	
15	SANITARY DROP MANHOLE TY. A, 8' DIA. W/ COMPOSITE FR & C. LID	EACH	
16	ADDITIONAL DEPTH DROP MANHOLE, 5' DIA.	V.F.	26.2
17	ADDITIONAL DEPTH DROP MANHOLE, 6' DIA.	V.F.	
18	ADDITIONAL DEPTH DROP MANHOLE, 8' DIA.	V.F.	
19	SANITARY SEWER, 12" PVC SDR 26	L.F.	40
20	SANITARY SEWER, 27" PVC P5115, 16'-20" DEEP	L.F.	
21	SANITARY SEWER, 27" PVC P5115, 20'-24" DEEP	L.F.	1,140
22	SANITARY SEWER, 27" PVC P5115, 24'-28" DEEP	L.F.	
23	SANITARY SEWER, 27" PVC RESTRAINED JOINT, 24' - 28' DEEP	L.F.	
24	SANITARY SEWER, 27" PVC, RESTRAINED JOINT, CONSTRUCTED IN STEEL CASING, 24'-28' DEEP	L.F.	
25	JACK AND BORE STEEL CASING, 24'-28' DEEP	L.F.	
26	SANITARY SEWER SERVICE, 6"	EACH	
27	SANITARY SEWER SERVICE, 8"	EACH	
28	FORCE MAIN I.P.S. SDR21, 10"	L.F.	
29	TRENCH REPAIR, AGRICULTURE	L.F.	820
30	TRENCH REPAIR, AGRICULTURE SPECIAL	L.F.	170
31	TRENCH REPAIR, GRASS	L.F.	
32	TRENCH REPAIR, GRASS SPECIAL	L.F.	
33	TRENCH REPAIR, CLASS D PATCH	S.Y.	
34	TRENCH REPAIR, AGGREGATE	L.F.	
35	PERIMETER EROSION CONTROL - SILT FENCE	L.F.	848
36	CULVERT INLET PROTECTION, SILT FENCE	EACH	2
37	INLET PROTECTION - DROP-IN STYLE	EACH	
38	ROLLED EXCELSIOR DITCH CHECKS	EACH	
39	CONSTRUCTION ENTRANCE	EACH	1
40	SANITARY MANHOLE INTERIOR WALL COATING, 5' DIA.	V.F.	85.9
41	SANITARY MANHOLE INTERIOR WALL COATING, 6' DIA.	V.F.	
42	SANITARY MANHOLE INTERIOR WALL COATING, 8' DIA.	V.F.	
43	EMERGENCY BY-PASS CONNECTION	L. SUM	

NO.	ITEM	UNIT	QTY.
1	SANITARY MANHOLE, TY, A, 5' DIA. W/TY. 1 FR. & C. LID	EACH	
2	SANITARY MANHOLE, TY, A, 6' DIA. W/TY. 1 FR. & C. LID	EACH	
3	SANITARY MANHOLE, TY, A, 8' DIA. W/TY. 1 FR. & C. LID	EACH	
4	SANITARY MANHOLE, TY, A, 5' DIA. W/ COMPOSITE FR. & C. LID	EACH	4
5	SANITARY MANHOLE, TY, A, 6' DIA. W/ COMPOSITE FR. & C. LID	EACH	
6	SANITARY MANHOLE, TY, A, 8' DIA. W/ COMPOSITE FR. & C. LID	EACH	1
7	ADDITIONAL DEPTH MANHOLE, 5' DIA.	V.F.	32.2
8	ADDITIONAL DEPTH MANHOLE, 6' DIA.	V.F.	
9	ADDITIONAL DEPTH MANHOLE, 8' DIA.	V.F.	11.7
10	SANITARY DROP MANHOLE TY, A, 5' DIA. W/TY. 1 FR & C. LID	EACH	
11	SANITARY DROP MANHOLE TY, A, 6' DIA. W/TY. 1 FR & C. LID	EACH	
12	SANITARY DROP MANHOLE TY, A, 8' DIA. W/TY. 1 FR & C. LID	EACH	
13	SANITARY DROP MANHOLE TY, A, 5' DIA. W/ COMPOSITE FR & C. LID	EACH	
14	SANITARY DROP MANHOLE TY, A, 6' DIA. W/ COMPOSITE FR & C. LID	EACH	
15	SANITARY DROP MANHOLE TY, A, 8' DIA. W/ COMPOSITE FR & C. LID	EACH	
16	ADDITIONAL DEPTH DROP MANHOLE, 5' DIA.	V.F.	
17	ADDITIONAL DEPTH DROP MANHOLE, 6' DIA.	V.F.	
18	ADDITIONAL DEPTH DROP MANHOLE, 8' DIA.	V.F.	
19	SANITARY SEWER, 12" PVC SDR 26	L.F.	
20	SANITARY SEWER, 27" PVC P5115, 16'-20" DEEP	L.F.	1,631
21	SANITARY SEWER, 27" PVC P5115, 20'-24" DEEP	L.F.	
22	SANITARY SEWER, 27" PVC P5115, 24'-28" DEEP	L.F.	
23	SANITARY SEWER, 27" PVC RESTRAINED JOINT, 24' - 28" DEEP	L.F.	
24	SANITARY SEWER, 27" PVC, RESTRAINED JOINT, CONSTRUCTED IN STEEL CASING, 24'-28" DEEP	L.F.	
25	JACK AND BORE STEEL CASING, 24'-28" DEEP	L.F.	
26	SANITARY SEWER SERVICE, 6"	EACH	
27	SANITARY SEWER SERVICE, 8"	EACH	
28	FORCE MAIN I.P.S. SDR21, 10"	L.F.	
29	TRENCH REPAIR, AGRICULTURE	L.F.	1435
30	TRENCH REPAIR, AGRICULTURE SPECIAL	L.F.	
31	TRENCH REPAIR, GRASS	L.F.	53
32	TRENCH REPAIR, GRASS SPECIAL	L.F.	
33	TRENCH REPAIR, CLASS D PATCH	S.Y.	29
34	TRENCH REPAIR, AGGREGATE	L.F.	
35	PERMETER EROSION CONTROL - SILT FENCE	L.F.	1460
36	CULVERT INLET PROTECTION, SILT FENCE	EACH	2
37	INLET PROTECTION - DROP-IN STYLE	EACH	2
38	ROLLED EXCELSIOR DITCH CHECKS	EACH	2
39	CONSTRUCTION ENTRANCE	EACH	
40	SANITARY MANHOLE INTERIOR WALL COATING, 5' DIA.	V.F.	64
41	SANITARY MANHOLE INTERIOR WALL COATING, 6' DIA.	V.F.	
42	SANITARY MANHOLE INTERIOR WALL COATING, 8' DIA.	V.F.	20
43	EMERGENCY BY-PASS CONNECTION	L. SUM	

CURRENT AS OF: 09/15/2025			
SCALE: AS NOTED		SHEET	17
FILE NO.: 5767.01 Y-		OF	18

NO.	ITEM	UNIT	QTY.
1	SANITARY MANHOLE, TY. A, 5' DIA. W/TY. 1 FR. & C. LID	EACH	1
2	SANITARY MANHOLE, TY. A, 6' DIA. W/TY. 1 FR. & C. LID	EACH	
3	SANITARY MANHOLE, TY. A, 8' DIA. W/TY. 1 FR. & C. LID	EACH	
4	SANITARY MANHOLE, TY. A, 5' DIA. W/ COMPOSITE FR. & C. LID	EACH	
5	SANITARY MANHOLE, TY. A, 6' DIA. W/ COMPOSITE FR. & C. LID	EACH	
6	SANITARY MANHOLE, TY. A, 8' DIA. W/ COMPOSITE FR. & C. LID	EACH	
7	ADDITIONAL DEPTH MANHOLE, 5' DIA.	V.F.	10.4
8	ADDITIONAL DEPTH MANHOLE, 6' DIA.	V.F.	
9	ADDITIONAL DEPTH MANHOLE, 8' DIA.	V.F.	
10	SANITARY DROP MANHOLE TY. A, 5' DIA. W/TY. 1 FR. & C. LID	EACH	1
11	SANITARY DROP MANHOLE TY. A, 6' DIA. W/TY. 1 FR. & C. LID	EACH	
12	SANITARY DROP MANHOLE TY. A, 8' DIA. W/TY. 1 FR. & C. LID	EACH	1
13	SANITARY DROP MANHOLE TY. A, 5' DIA. W/ COMPOSITE FR. & C. LID	EACH	
14	SANITARY DROP MANHOLE TY. A, 6' DIA. W/ COMPOSITE FR. & C. LID	EACH	
15	SANITARY DROP MANHOLE TY. A, 8' DIA. W/ COMPOSITE FR. & C. LID	EACH	
16	ADDITIONAL DEPTH DROP MANHOLE, 5' DIA.	V.F.	11.2
17	ADDITIONAL DEPTH DROP MANHOLE, 6' DIA.	V.F.	
18	ADDITIONAL DEPTH DROP MANHOLE, 8' DIA.	V.F.	12.7
19	SANITARY SEWER, 12" PVC SDR 26	L.F.	
20	SANITARY SEWER, 27" PVC PS115, 16'-20" DEEP	L.F.	400
21	SANITARY SEWER, 27" PVC PS115, 20'-24" DEEP	L.F.	161
22	SANITARY SEWER, 27" PVC PS115, 24'-28" DEEP	L.F.	
23	SANITARY SEWER, 27" PVC RESTRAINED JOINT, 24' - 28' DEEP	L.F.	
24	SANITARY SEWER, 27" PVC, RESTRAINED JOINT, CONSTRUCTED IN STEEL CASING, 24'-28' DEEP	L.F.	
25	JACK AND BORE STEEL CASING, 24'-28' DEEP	L.F.	
26	SANITARY SEWER SERVICE, 6"	EACH	1
27	SANITARY SEWER SERVICE, 8"	EACH	
28	FORCE MAIN I.P.S. SDR21, 10"	L.F.	
29	TRENCH REPAIR, AGRICULTURE	L.F.	
30	TRENCH REPAIR, AGRICULTURE SPECIAL	L.F.	
31	TRENCH REPAIR, GRASS	L.F.	85
32	TRENCH REPAIR, GRASS SPECIAL	L.F.	
33	TRENCH REPAIR, CLASS D PATCH	S.Y.	15
34	TRENCH REPAIR, AGGREGATE	L.F.	473
35	PERIMETER EROSION CONTROL - SILT FENCE	L.F.	
36	CULVERT INLET PROTECTION, SILT FENCE	EACH	2
37	INLET PROTECTION - DROP-IN STYLE	EACH	
38	ROLLED EXCELSIOR DITCH CHECKS	EACH	1
39	CONSTRUCTION ENTRANCE	EACH	
40	SANITARY MANHOLE INTERIOR WALL COATING, 5' DIA.	V.F.	37.6
41	SANITARY MANHOLE INTERIOR WALL COATING, 6' DIA.	V.F.	
42	SANITARY MANHOLE INTERIOR WALL COATING, 8' DIA.	V.F.	20.7
43	EMERGENCY BY-PASS CONNECTION	L. SUM	

NO.	ITEM	UNIT	QTY.
1	SANITARY MANHOLE, TY. A, 5' DIA. W/TY. 1 FR. & C. LID	EACH	
2	SANITARY MANHOLE, TY. A, 6' DIA. W/TY. 1 FR. & C. LID	EACH	
3	SANITARY MANHOLE, TY. A, 8' DIA. W/TY. 1 FR. & C. LID	EACH	
4	SANITARY MANHOLE, TY. A, 5' DIA. W/ COMPOSITE FR. & C. LID	EACH	
5	SANITARY MANHOLE, TY. A, 6' DIA. W/ COMPOSITE FR. & C. LID	EACH	
6	SANITARY MANHOLE, TY. A, 8' DIA. W/ COMPOSITE FR. & C. LID	EACH	2
7	ADDITIONAL DEPTH MANHOLE, 5' DIA.	V.F.	
8	ADDITIONAL DEPTH MANHOLE, 6' DIA.	V.F.	
9	ADDITIONAL DEPTH MANHOLE, 8' DIA.	V.F.	18.3
10	SANITARY DROP MANHOLE TY. A, 5' DIA. W/TY. 1 FR & C. LID	EACH	
11	SANITARY DROP MANHOLE TY. A, 6' DIA. W/TY. 1 FR & C. LID	EACH	
12	SANITARY DROP MANHOLE TY. A, 8' DIA. W/TY. 1 FR & C. LID	EACH	
13	SANITARY DROP MANHOLE TY. A, 5' DIA. W/ COMPOSITE FR & C. LID	EACH	
14	SANITARY DROP MANHOLE TY. A, 6' DIA. W/ COMPOSITE FR & C. LID	EACH	
15	SANITARY DROP MANHOLE TY. A, 8' DIA. W/ COMPOSITE FR & C. LID	EACH	
16	ADDITIONAL DEPTH DROP MANHOLE, 5' DIA.	V.F.	
17	ADDITIONAL DEPTH DROP MANHOLE, 6' DIA.	V.F.	
18	ADDITIONAL DEPTH DROP MANHOLE, 8' DIA.	V.F.	
19	SANITARY SEWER, 12" PVC SDR 28	L.F.	
20	SANITARY SEWER, 27" PVC PS115, 16'-20" DEEP	L.F.	279
21	SANITARY SEWER, 27" PVC PS115, 20'-24" DEEP	L.F.	
22	SANITARY SEWER, 27" PVC PS115, 24'-28" DEEP	L.F.	
23	SANITARY SEWER, 27" PVC RESTRAINED JOINT, 24' - 28" DEEP	L.F.	
24	SANITARY SEWER, 27" PVC, RESTRAINED JOINT, CONSTRUCTED IN STEEL CASING, 24'-28" DEEP	L.F.	
25	JACK AND BORE STEEL CASING, 24'-28" DEEP	L.F.	
26	SANITARY SEWER SERVICE, 6"	EACH	
27	SANITARY SEWER SERVICE, 8"	EACH	1
28	FORCE MAIN I.P.S. SDR21, 10"	L.F.	63
29	TRENCH REPAIR, AGRICULTURE	L.F.	
30	TRENCH REPAIR, AGRICULTURE SPECIAL	L.F.	
31	TRENCH REPAIR, GRASS	L.F.	372
32	TRENCH REPAIR, GRASS SPECIAL	L.F.	
33	TRENCH REPAIR, CLASS D PATCH	S.Y.	
34	TRENCH REPAIR, AGGREGATE	L.F.	35
35	PERIMETER EROSION CONTROL - SILT FENCE	L.F.	
36	CULVERT INLET PROTECTION, SILT FENCE	EACH	1
37	INLET PROTECTION - DROP-IN STYLE	EACH	
38	ROLLED EXCELSIOR DITCH CHECKS	EACH	1
39	CONSTRUCTION ENTRANCE	EACH	
40	SANITARY MANHOLE INTERIOR WALL COATING, 5' DIA.	V.F.	
41	SANITARY MANHOLE INTERIOR WALL COATING, 6' DIA.	V.F.	
42	SANITARY MANHOLE INTERIOR WALL COATING, 8' DIA.	V.F.	34.3
43	EMERGENCY BY-PASS CONNECTION	L. SUM	1

NO.	ITEM	UNIT	QTY
1	SANITARY MANHOLE, TY. A, 5' DIA. W/TY. 1 FR. & C. LD	EACH	
2	SANITARY MANHOLE, TY. A, 6' DIA. W/TY. 1 FR. & C. LD	EACH	
3	SANITARY MANHOLE, TY. A, 8' DIA. W/TY. 1 FR. & C. LD	EACH	
4	SANITARY MANHOLE, TY. A, 5' DIA. W/ COMPOSITE FR. & C. LD	EACH	1
5	SANITARY MANHOLE, TY. A, 6' DIA. W/ COMPOSITE FR. & C. LD	EACH	
6	SANITARY MANHOLE, TY. A, 8' DIA. W/ COMPOSITE FR. & C. LD	EACH	
7	ADDITIONAL DEPTH MANHOLE, 5' DIA.	V.F.	10.8
8	ADDITIONAL DEPTH MANHOLE, 6' DIA.	V.F.	
9	ADDITIONAL DEPTH MANHOLE, 8' DIA.	V.F.	
10	SANITARY DROP MANHOLE TY. A, 5' DIA. W/TY. 1 FR & C. LD	EACH	
11	SANITARY DROP MANHOLE TY. A, 6' DIA. W/TY. 1 FR & C. LD	EACH	
12	SANITARY DROP MANHOLE TY. A, 8' DIA. W/TY. 1 FR & C. LD	EACH	
13	SANITARY DROP MANHOLE TY. A, 5' DIA. W/ COMPOSITE FR & C. LD	EACH	
14	SANITARY DROP MANHOLE TY. A, 6' DIA. W/ COMPOSITE FR & C. LD	EACH	
15	SANITARY DROP MANHOLE TY. A, 8' DIA. W/ COMPOSITE FR & C. LD	EACH	
16	ADDITIONAL DEPTH DROP MANHOLE, 5' DIA.	V.F.	
17	ADDITIONAL DEPTH DROP MANHOLE, 6' DIA.	V.F.	
18	ADDITIONAL DEPTH DROP MANHOLE, 8' DIA.	V.F.	
19	SANITARY SEWER, 12" PVC SDR 26	L.F.	
20	SANITARY SEWER, 27" PVC PS115, 16'-20" DEEP	L.F.	692
21	SANITARY SEWER, 27" PVC PS115, 20'-24" DEEP	L.F.	
22	SANITARY SEWER, 27" PVC PS115, 24'-28" DEEP	L.F.	
23	SANITARY SEWER, 27" PVC RESTRAINED JOINT, 24'-28" DEEP	L.F.	
24	SANITARY SEWER, 27" PVC, RESTRAINED JOINT, CONSTRUCTED IN STEEL CASING, 24'-28" DEEP	L.F.	
25	JACK AND BORE STEEL CASING, 24'-28" DEEP	L.F.	
26	SANITARY SEWER SERVICE, 6"	EACH	
27	SANITARY SEWER SERVICE, 8"	EACH	
28	FORCE MAIN I.P.S. SDR21, 10"	L.F.	585
29	TRENCH REPAIR, AGRICULTURE	L.F.	
30	TRENCH REPAIR, AGRICULTURE SPECIAL	L.F.	
31	TRENCH REPAIR, GRASS	L.F.	1162
32	TRENCH REPAIR, GRASS SPECIAL	L.F.	
33	TRENCH REPAIR, CLASS D PATCH	S.Y.	
34	TRENCH REPAIR, AGGREGATE	L.F.	
35	PERIMETER EROSION CONTROL - SILT FENCE	L.F.	373
36	CULVERT INLET PROTECTION, SILT FENCE	EACH	
37	INLET PROTECTION - DROP-IN STYLE	EACH	
38	ROLLED EXCELSIOR DITCH CHECKS	EACH	
39	CONSTRUCTION ENTRANCE	EACH	
40	SANITARY MANHOLE INTERIOR WALL COATING, 5' DIA.	V.F.	18.8
41	SANITARY MANHOLE INTERIOR WALL COATING, 6' DIA.	V.F.	
42	SANITARY MANHOLE INTERIOR WALL COATING, 8' DIA.	V.F.	
43	EMERGENCY BY-PASS CONNECTION	L. SUM	

NO.	ITEM	UNIT	QTY.
1	SANITARY MANHOLE, TY. A, 5' DIA. W/TY. 1 FR. & C. LID	EACH	
2	SANITARY MANHOLE, TY. A, 6' DIA. W/TY. 1 FR. & C. LID	EACH	
3	SANITARY MANHOLE, TY. A, 8' DIA. W/TY. 1 FR. & C. LID	EACH	
4	SANITARY MANHOLE, TY. A, 9' DIA. W/ COMPOSITE FR. & C. LID	EACH	2
5	SANITARY MANHOLE, TY. A, 6' DIA. W/ COMPOSITE FR. & C. LID	EACH	
6	SANITARY MANHOLE, TY. A, 8' DIA. W/ COMPOSITE FR. & C. LID	EACH	
7	ADDITIONAL DEPTH MANHOLE, 5' DIA.	V.F.	26.5
8	ADDITIONAL DEPTH MANHOLE, 6' DIA.	V.F.	
9	ADDITIONAL DEPTH MANHOLE, 8' DIA.	V.F.	
10	SANITARY DROP MANHOLE TY. A, 5' DIA. W/TY. 1 FR & C. LID	EACH	
11	SANITARY DROP MANHOLE TY. A, 6' DIA. W/TY. 1 FR & C. LID	EACH	
12	SANITARY DROP MANHOLE TY. A, 8' DIA. W/TY. 1 FR & C. LID	EACH	
13	SANITARY DROP MANHOLE TY. A, 9' DIA. W/ COMPOSITE FR & C. LID	EACH	
14	SANITARY DROP MANHOLE TY. A, 6' DIA. W/ COMPOSITE FR & C. LID	EACH	
15	SANITARY DROP MANHOLE TY. A, 8' DIA. W/ COMPOSITE FR & C. LID	EACH	
16	ADDITIONAL DEPTH DROP MANHOLE, 5' DIA.	V.F.	
17	ADDITIONAL DEPTH DROP MANHOLE, 6' DIA.	V.F.	
18	ADDITIONAL DEPTH DROP MANHOLE, 8' DIA.	V.F.	
19	SANITARY SEWER, 12" PVC SDR 28	L.F.	
20	SANITARY SEWER, 27" PVC PS115, 16'-20" DEEP	L.F.	
21	SANITARY SEWER, 27" PVC PS115, 20'-24" DEEP	L.F.	240
22	SANITARY SEWER, 27" PVC PS115, 24'-28" DEEP	L.F.	
23	SANITARY SEWER, 27" PVC RESTRAINED JOINT, 24'-28" DEEP	L.F.	13
24	SANITARY SEWER, 27" PVC, RESTRAINED JOINT, CONSTRUCTED IN STEEL CASING, 24'-28" DEEP	L.F.	322
25	JACK AND BORE STEEL CASING, 24'-28" DEEP	L.F.	322
26	SANITARY SEWER SERVICE, 6"	EACH	
27	SANITARY SEWER SERVICE, 8"	EACH	
28	FORCE MAIN I.P.S. SDR21, 10"	L.F.	
29	TRENCH REPAIR, AGRICULTURE	L.F.	
30	TRENCH REPAIR, AGRICULTURE SPECIAL	L.F.	291
31	TRENCH REPAIR, GRASS	L.F.	
32	TRENCH REPAIR, GRASS SPECIAL	L.F.	
33	TRENCH REPAIR, CLASS D PATCH	S.Y.	
34	TRENCH REPAIR, AGGREGATE	L.F.	373
35	PERIMETER EROSION CONTROL - SILT FENCE	L.F.	
36	CULVERT INLET PROTECTION, SILT FENCE	EACH	
37	INLET PROTECTION - DROP-IN STYLE	EACH	
38	ROLLED EXCELSIOR DITCH CHECKS	EACH	
39	CONSTRUCTION ENTRANCE	EACH	
40	SANITARY MANHOLE INTERIOR WALL COATING, 5' DIA.	V.F.	42.5
41	SANITARY MANHOLE INTERIOR WALL COATING, 6' DIA.	V.F.	
42	SANITARY MANHOLE INTERIOR WALL COATING, 8' DIA.	V.F.	
43	EMERGENCY BY-PASS CONNECTION	L. SUM	

NO.	ITEM	UNIT	QTY.
1	SANITARY MANHOLE, TY. A, 5' DIA. W/TY. 1 FR. & C. LID	EACH	
2	SANITARY MANHOLE, TY. A, 6' DIA. W/TY. 1 FR. & C. LID	EACH	
3	SANITARY MANHOLE, TY. A, 8' DIA. W/TY. 1 FR. & C. LID	EACH	
4	SANITARY MANHOLE, TY. A, 5' DIA. W/ COMPOSITE FR. & C. LID	EACH	1
5	SANITARY MANHOLE, TY. A, 6' DIA. W/ COMPOSITE FR. & C. LID	EACH	
6	SANITARY MANHOLE, TY. A, 8' DIA. W/ COMPOSITE FR. & C. LID	EACH	
7	ADDITIONAL DEPTH MANHOLE, 5' DIA.	V.F.	14.5
8	ADDITIONAL DEPTH MANHOLE, 6' DIA.	V.F.	
9	ADDITIONAL DEPTH MANHOLE, 8' DIA.	V.F.	
10	SANITARY DROP MANHOLE TY. A, 5' DIA. W/TY. 1 FR & C. LID	EACH	
11	SANITARY DROP MANHOLE TY. A, 6' DIA. W/TY. 1 FR & C. LID	EACH	
12	SANITARY DROP MANHOLE TY. A, 8' DIA. W/TY. 1 FR & C. LID	EACH	
13	SANITARY DROP MANHOLE TY. A, 5' DIA. W/ COMPOSITE FR & C. LID	EACH	1
14	SANITARY DROP MANHOLE TY. A, 6' DIA. W/ COMPOSITE FR & C. LID	EACH	
15	SANITARY DROP MANHOLE TY. A, 8' DIA. W/ COMPOSITE FR & C. LID	EACH	
16	ADDITIONAL DEPTH DROP MANHOLE, 5' DIA.	V.F.	15.2
17	ADDITIONAL DEPTH DROP MANHOLE, 6' DIA.	V.F.	
18	ADDITIONAL DEPTH DROP MANHOLE, 8' DIA.	V.F.	
19	SANITARY SEWER, 12" PVC SDR 26	L.F.	20
20	SANITARY SEWER, 27" PVC PS115, 16'-20" DEEP	L.F.	
21	SANITARY SEWER, 27" PVC PS115, 20'-24" DEEP	L.F.	
22	SANITARY SEWER, 27" PVC PS115, 24'-28" DEEP	L.F.	800
23	SANITARY SEWER, 27" PVC RESTRAINED JOINT, 24' - 28' DEEP	L.F.	
24	SANITARY SEWER, 27" PVC, RESTRAINED JOINT, CONSTRUCTED IN STEEL CASING, 24'-28' DEEP	L.F.	
25	JACK AND BORE STEEL CASING, 24'-28' DEEP	L.F.	
26	SANITARY SEWER SERVICE, 6"	EACH	
27	SANITARY SEWER SERVICE, 8"	EACH	
28	FORCE MAIN I.P.S. SDR21, 10"	L.F.	
29	TRENCH REPAIR, AGRICULTURE	L.F.	616
30	TRENCH REPAIR, AGRICULTURE SPECIAL	L.F.	125
31	TRENCH REPAIR, GRASS	L.F.	
32	TRENCH REPAIR, GRASS SPECIAL	L.F.	
33	TRENCH REPAIR, CLASS D PATCH	S.Y.	
34	TRENCH REPAIR, AGGREGATE	L.F.	
35	PERIMETER EROSION CONTROL - SILT FENCE	L.F.	741
36	CULVERT INLET PROTECTION, SILT FENCE	EACH	
37	INLET PROTECTION - DROP-IN STYLE	EACH	
38	ROLLED EXCELSIOR DITCH CHECKS	EACH	
39	CONSTRUCTION ENTRANCE	EACH	
40	SANITARY MANHOLE INTERIOR WALL COATING, 5' DIA.	V.F.	45.7
41	SANITARY MANHOLE INTERIOR WALL COATING, 6' DIA.	V.F.	
42	SANITARY MANHOLE INTERIOR WALL COATING, 8' DIA.	V.F.	
43	EMERGENCY BY-PASS CONNECTION	L. SUM	

DRAWN BY: LMP	REVISIONS			
CHECKED BY: MWP	LEVEL	BY	DATE	DESCRIPTION
DATE: 07/2023				



PERU MORRIS
OTTAWA
ILLINOIS

PERU NORTH TRUNK LINE DEEP SEWER
PERU JOB # 17-06-SS
CITY OF PERU

PLAN SHEET SUMMARIES

BIDDING PLANS

CURRENT AS OF: 09/15/2025		
SCALE: AS NOTED	SHEET 18	
FILE NO.: 5767.01 Y-	OF	18