



GENERAL SHEET NOTES

WORK AND STORAGE AREA LIMIT TABLES

AREA (sqft)	AREA (ACRES)	DESCRIPTION
238309.2988	5.5	TEMPORARY WORK AREA EASEMENT (STORAGE \ LAYDOWN AREA) (SEE SHEET G-004)
114623.9577	2.6	WORK LIMITS (BASE BID)
57782.2827	1.3	WORK LIMITS (OPTION 1)
5674.9458	.13	EXISTING 25' PERMANENT UTILITY EASEMENT

LEGEND

- EXISTING 25' PERMANENT UTILITY EASEMENT
- EXISTING EASEMENT FOR SANITARY SEWER
- WORK LIMITS (EXISTING BUILDINGS AND STRUCTURES ARE EXCLUDED)



DATE	MARK	DESCRIPTION



ISSUE DATE: 12-12-2022	DESIGNED BY: SS
SOLICITATION NO.: 10200253	DRAWN BY: DRH
CONTRACT NO.: XXXXXXXX	CHECKED BY: DRH
	SUBMITTED BY: JMC
	SIZE: ANSI D

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CHICAGO DISTRICT
CHICAGO, ILLINOIS

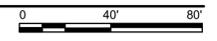
AMERICAN STRUCTUREPOINT, INC.
9025 RIVER ROAD, SUITE 200
INDIANAPOLIS, INDIANA 46240

GARY SANITARY DISTRICT
27TH AND CHASE PUMP STATION
FORCE MAIN REPLACEMENT PROJECT - PHASE II

WORK LIMITS

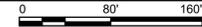
SHEET ID
G-003

A1 WORK LIMITS
SCALE: HORIZONTAL 1"=40'





A1 STORAGE / LAYDOWN AREA
SCALE: HORIZONTAL 1"=20'



GENERAL SHEET NOTES

LEGEND

TEMPORARY WORK EASEMENT (LAYDOWN/STORAGE)



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MARK	DESCRIPTION	DATE



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FORCE MAIN REPLACEMENT PROJECT - PHASE II

STORAGE/LAYDOWN AREA

SHEET ID
G-004



COLLOUTS

- CP ### CONTROL POINT NUMBER
- TBM ### CONTROL POINT NUMBER

BENCH AND CONTROL INFORMATION

BENCHMARK INFORMATION (NAVD 88 DATUM)

BENCHMARK ELEVATIONS WERE ESTABLISHED FROM GPS OBSERVATIONS ON THE IDENTIFIED BASE STATION DESCRIBED WITHIN. AN NGS OPUS SOLUTION (FILE #72830050) WAS OBTAINED AND USED TO CONTROL THE PROJECT'S VERTICAL DATUM. THE ELEVATIONS WERE THEN TRANSFERRED TO THE SITE USING DIFFERENTIAL LEVELING.

TBM #33
CUT "1" ON NORTH SIDE OF OLD CONC. BASE AT THE SOUTHEAST CORNER OF 25TH AVE AND CHASE STREET
ELEV: 601.05'

TBM #30
CHISELED "1" ON WEST SIDE OF LIGHT POLE BASE ON CHASE STREET AND SOUTHWEST CORNER OF EAST BACK-OF-WALK AND AT THE NORTHWEST CORNER OF RESIDENCE #2401
ELEV: 611.10'

TBM #31
CHISELED "1" ON BACK OF WALK LOCATED 44' EAST OF CENTERLINE OF CHASE STREET AND NORTHWEST CORNER OF RESIDENCE # 2281
ELEV: 612.12'

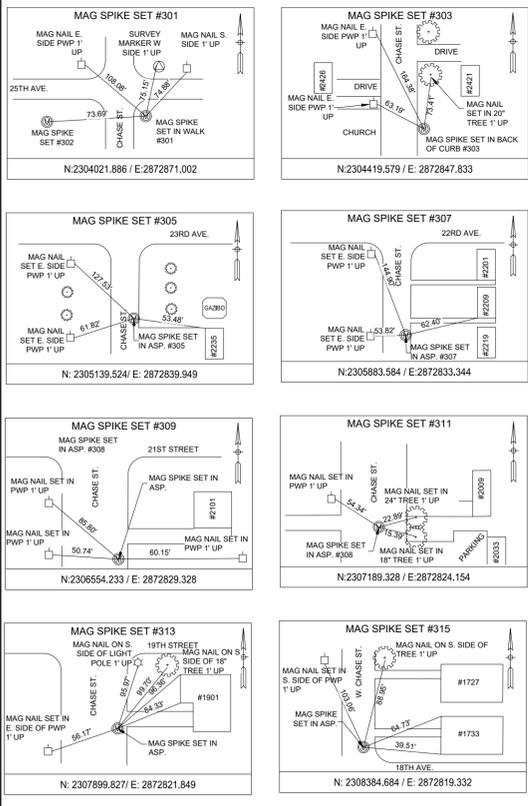
TBM #32
CHISELED "1" ON FRONT OF WALK LOCATED ± 36' EAST OF THE CENTERLINE OF CHASE STREET AND SOUTHWEST CORNER OF RESIDENCE # 2169
ELEV: 616.55'

TBM #33
CHISELED "1" ON SOUTHWEST CORNER OF CONCRETE TRAFFIC PEDESTAL AND LOCATED AT THE NORTHEAST QUADRANT OF CHASE AND 21ST AVENUE
ELEV: 617.78'

TBM #34
CHISELED "1" AT FRONT OF WALK LOCATED ± 36' EAST OF THE CENTERLINE OF CHASE STREET AND ± 30' SOUTH OF THE CENTERLINE OF 20TH AVENUE
ELEV: 616.00'

TBM #35
CHISELED "1" ON SOUTH SIDE OF TRAFFIC PEDESTAL LOCATED AT THE NORTHEAST QUADRANT OF CHASE STREET AND 19TH AVENUE
ELEV: 607.66'

TBM #36
CHISELED "1" ON FRONT OF WALK LOCATED ± 36' EAST OF THE CENTERLINE OF CHASE STREET AND IN FRONT OF RESIDENCE # 1727
ELEV: 604.41'



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CHICAGO, ILLINOIS

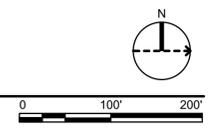
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INDIANAPOLIS, INDIANA 46240

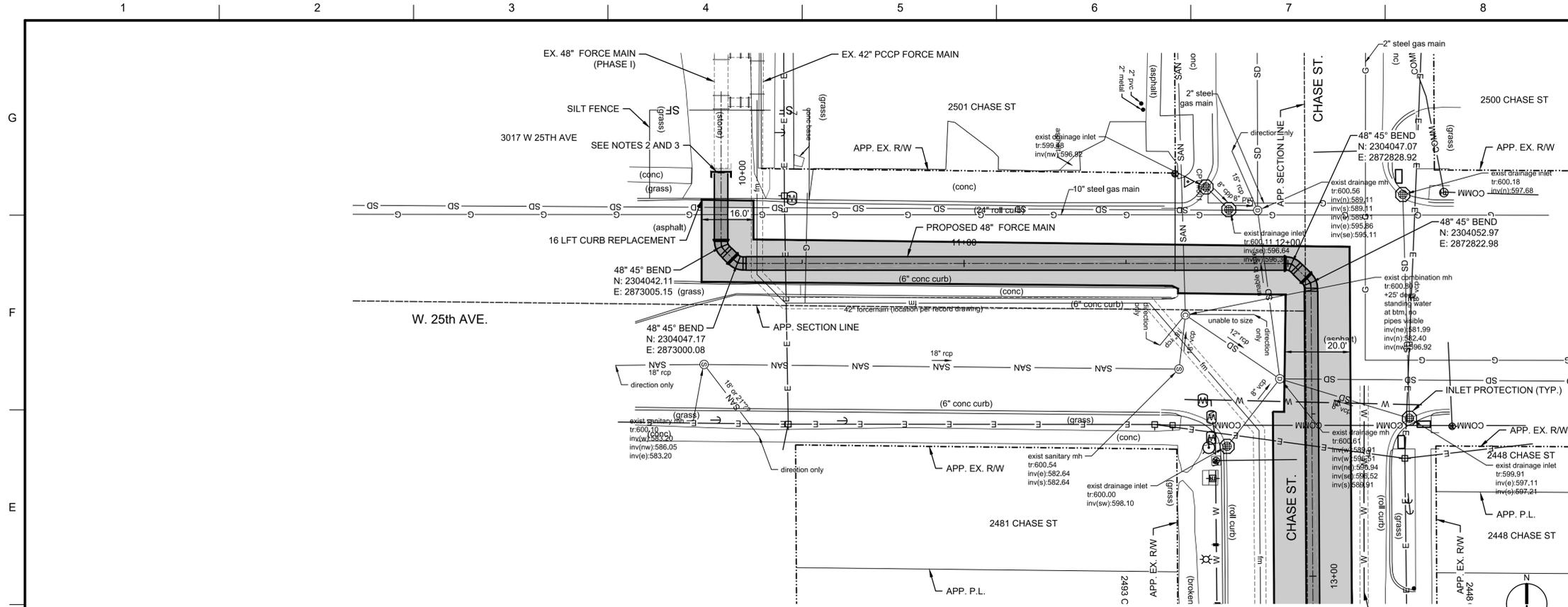
GARY SANITARY DISTRICT
27TH AND CHASE PUMP STATION
FORCE MAIN REPLACEMENT PROJECT - PHASE II

SURVEY CONTROL AND BENCHMARK

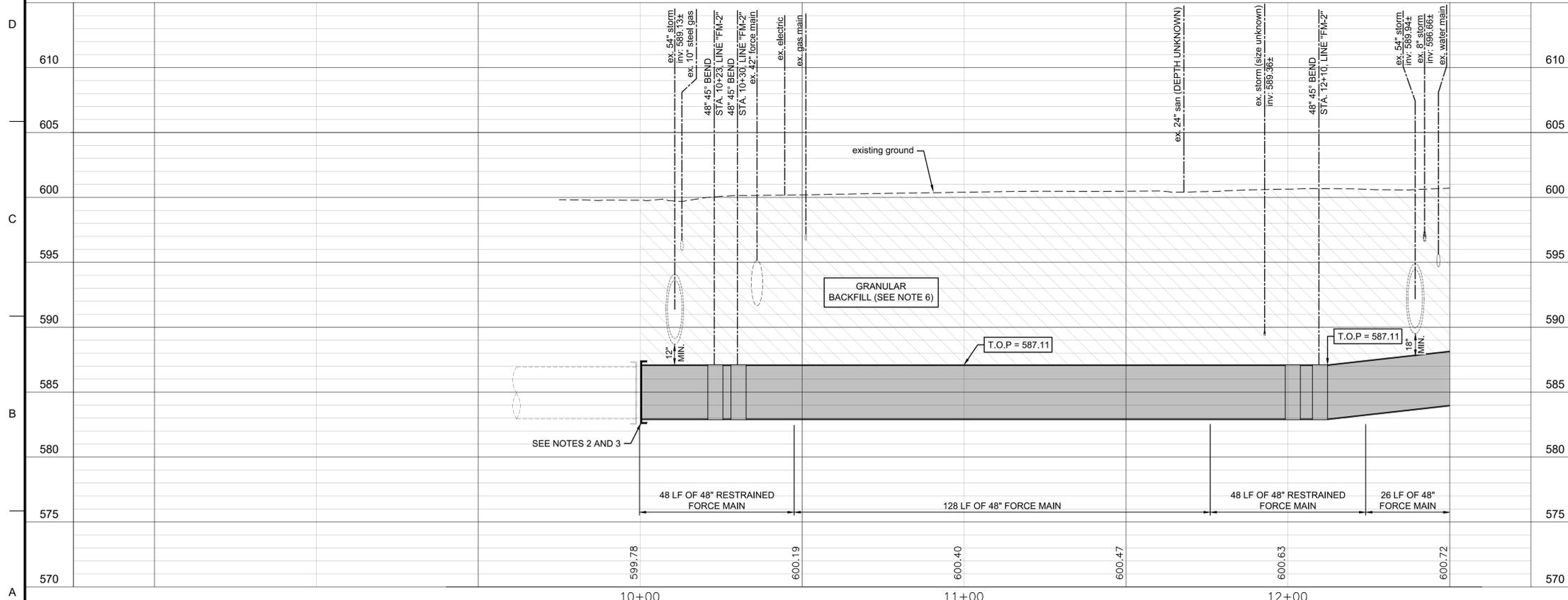
SHEET ID
V-001

A1 SURVEY CONTROL AND BENCHMARKS
SCALE: HORIZONTAL 1"=20'





D1 PLAN STA. 10+00 TO STA. 12+50
SCALE: 1"=20'



A1 PROFILE STA. 10+00 TO STA. 12+50
SCALE: HORIZONTAL 1"=20', VERTICAL 1"=5'

GENERAL SHEET NOTES

- PHASE II FORCE MAIN SHALL BE SUCCESSFULLY PRESSURE TESTED.
- REMOVE 48" CAP INSTALLED AS PART OF PHASE I TO MAKE CONNECTION TO PHASE II PIPE.
- PHASE II FORCE MAIN SHALL BE SUCCESSFULLY PRESSURE TESTED PRIOR TO MAKING FINAL CONNECTION TO PHASE I PIPING. COORDINATE WITH ENGINEER AND OWNER PRIOR TO MAKING FINAL CONNECTION TO ENSURE THAT EXISTING 42" PCCP FORCE MAIN IS UTILIZED TO TRANSMIT FLOW DURING FINAL CONNECTION.
- CONTRACTOR SHALL NOT EXCAVATE IN THE ENVIRONMENTAL RESTRICTIVE COVENANT SITE LOCATED AT THE SOUTHEAST CORNER OF 25TH AND CHASE STREET.
- CONTRACTOR SHALL PROVIDE CLASS I PERIMETER PROTECTION AT THE EDGE OF THE EXCAVATION IN ACCORDANCE WITH THE EM 385-1.1.
- NATIVE MATERIAL MAY BE USED AS GRANULAR BACKFILL ABOVE PIPES AND STRUCTURES IF IT MEETS INDOT B BORROW SPECIFICATIONS.
- PROPOSED FORCE MAIN (RESTRAINED JOINT) LOCATIONS INDICATED ARE APPROXIMATE AND SHALL BE CONFIRMED WITH THE PIPE MANUFACTURER PRIOR TO ORDERING PIPE MATERIALS AND INITIATING CONSTRUCTION.
- FIELD VERIFY LOCATION AND TOP OF PIPE ELEVATION OF EXISTING FORCE MAIN AND NOTIFY ENGINEER PRIOR TO CONSTRUCTION.
- FIELD VERIFY LOCATION OF THE EXISTING GAS MAINS.
- ALL GAS FACILITIES HAVE APPROXIMATELY 24"-36" COVER. CONTRACTOR TO POT HOLE TO VERIFY THE ACTUAL DEPTH.
- ALL EXCAVATED SOIL THAT IS UNSUITABLE FOR BACKFILL SHALL BE DISPOSED OF BY SPREADING BETWEEN THE TREES BETWEEN I-80 AND THE CITY OF GARY PARKS AND RECREATION BUILDING.
- IF BASE BID IS AWARDED, INSTALL THE 128 LF OF RESTRAINED PIPE FROM STA. 20+72 TO 22+00. IF ALL OR PART OF OPTION 1 IS AWARDED, THE 128 LF OF RESTRAINED FORCE MAIN SHALL BE INSTALLED AT THE TERMINATION POINT OF OPTION 1.
- IF BASE BID AND OPTION 2 ARE AWARDED, INSTALL THE FORCE MAIN CONNECTION AND CAP AT STA. 22+00. IF BASE BID, OPTION 1 AND OPTION 2 ARE AWARDED, INSTALL FORCE MAIN CONNECTION AT THE END OF OPTION 1.
- FINAL LOCATION OF CONNECTION TO BE DETERMINED IN THE FIELD DURING CONSTRUCTION BY CONTRACTING OFFICER REPRESENTATIVE.

RESTORATION LEGEND



CLIN STRUCTURE

BASE BID: STA. 10+00 TO 22+00
OPTION 1: STA. 22+00 TO 31+50



DATE	DESCRIPTION	MARK



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PROJECT NO.:	DATE: 12-12-2022	CONTRACT NO.:
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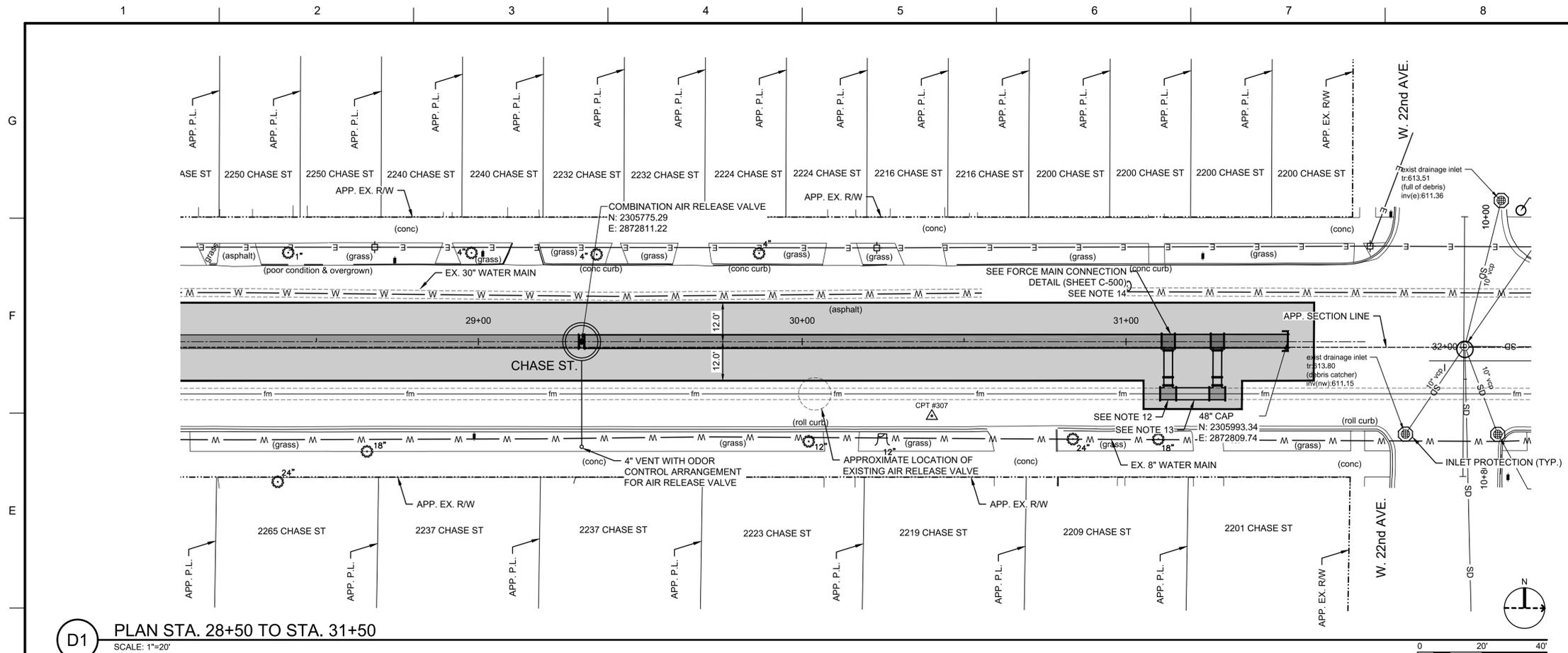
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CHICAGO DISTRICT
CHICAGO, ILLINOIS

AMERICAN STRUCTUREPOINT, INC.
9025 RIVER ROAD, SUITE 200
INDIANAPOLIS, INDIANA 46240

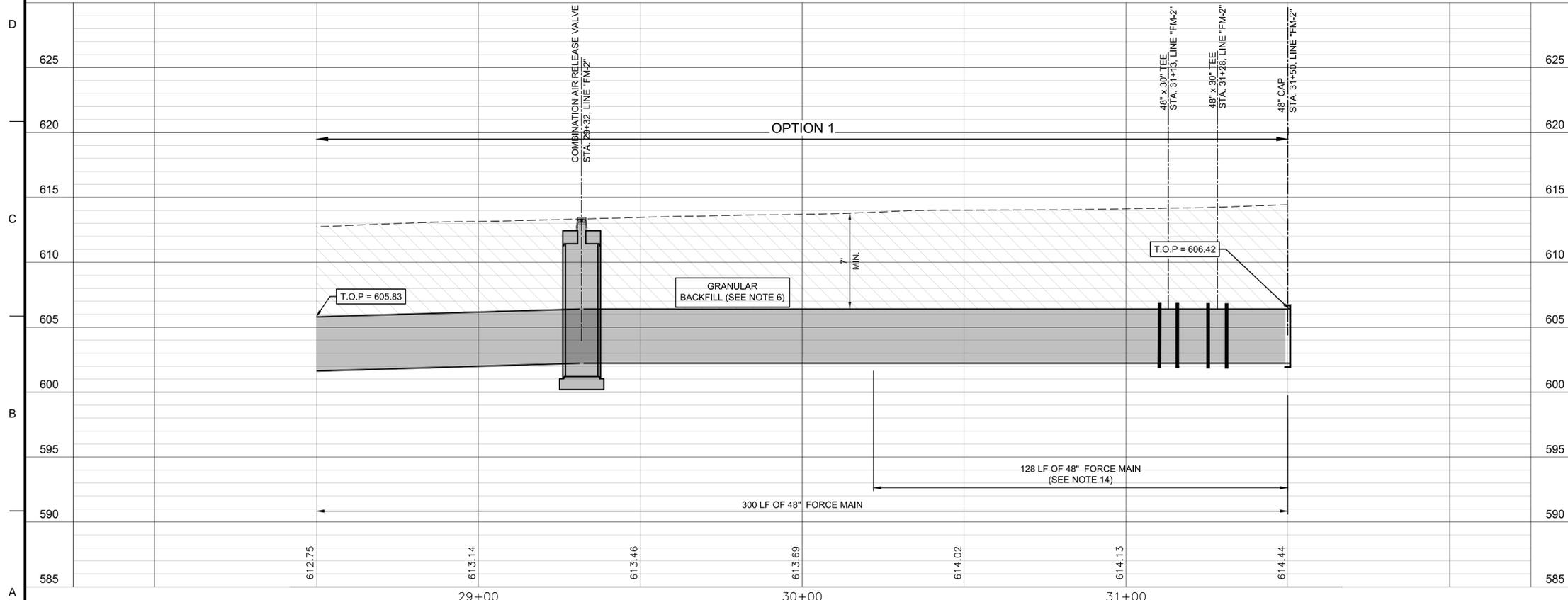
GARY SANITARY DISTRICT
27TH AND CHASE PUMP STATION
FORCE MAIN REPLACEMENT PROJECT - PHASE II

FORCE MAIN REPLACEMENT
PLAN AND PROFILE

SHEET ID
C-101



D1 PLAN STA. 28+50 TO STA. 31+50
SCALE: 1"=20'



A1 PROFILE STA. 28+50 TO STA. 31+50
SCALE: HORIZONTAL 1"=20', VERTICAL 1"=5'

GENERAL SHEET NOTES

- PHASE II FORCE MAIN SHALL BE SUCCESSFULLY PRESSURE TESTED.
- REMOVE 48" CAP INSTALLED AS PART OF PHASE I TO MAKE CONNECTION TO PHASE II PIPE.
- PHASE II FORCE MAIN SHALL BE SUCCESSFULLY PRESSURE TESTED PRIOR TO MAKING FINAL CONNECTION TO PHASE I PIPING. COORDINATE WITH ENGINEER AND OWNER PRIOR TO MAKING FINAL CONNECTION TO ENSURE THAT EXISTING 42" PCCP FORCE MAIN IS UTILIZED TO TRANSMIT FLOW DURING FINAL CONNECTION.
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- FINAL LOCATION OF CONNECTION TO BE DETERMINED IN THE FIELD DURING CONSTRUCTION BY CONTRACTING OFFICER REPRESENTATIVE.

RESTORATION LEGEND

- FULL DEPTH ASPHALT REPLACEMENT
- PIPE
- INLET PROTECTION

CLIN STRUCTURE

BASE BID: STA. 10+00 TO 22+00
OPTION 1: STA. 22+00 TO 31+50



DATE	DESCRIPTION	MARK



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SUBMITTED BY: JMC	CONTRACT NO.: XXXXXXXX
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SIZE: ANS I D	CONTRACT NO.: XXXXXXXX

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GARY SANITARY DISTRICT
27TH AND CHASE PUMP STATION
FORCE MAIN REPLACEMENT PROJECT - PHASE II

FORCE MAIN REPLACEMENT
PLAN AND PROFILE

SHEET ID
C-106

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GENERAL SHEET NOTES

1. PROVIDE PI² TECHNOLOGIES MODEL "PODZ VOCC" VENT ODOR CONTROL CANISTER, OR ENGINEER-APPROVED EQUAL, ON 4" VENT.
2. PROVIDE PREFABRICATED 48"x4" TAPPING SLEEVE FOR FRP.



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	SUBMITTED BY: JMC
	SIZE: ANSI D

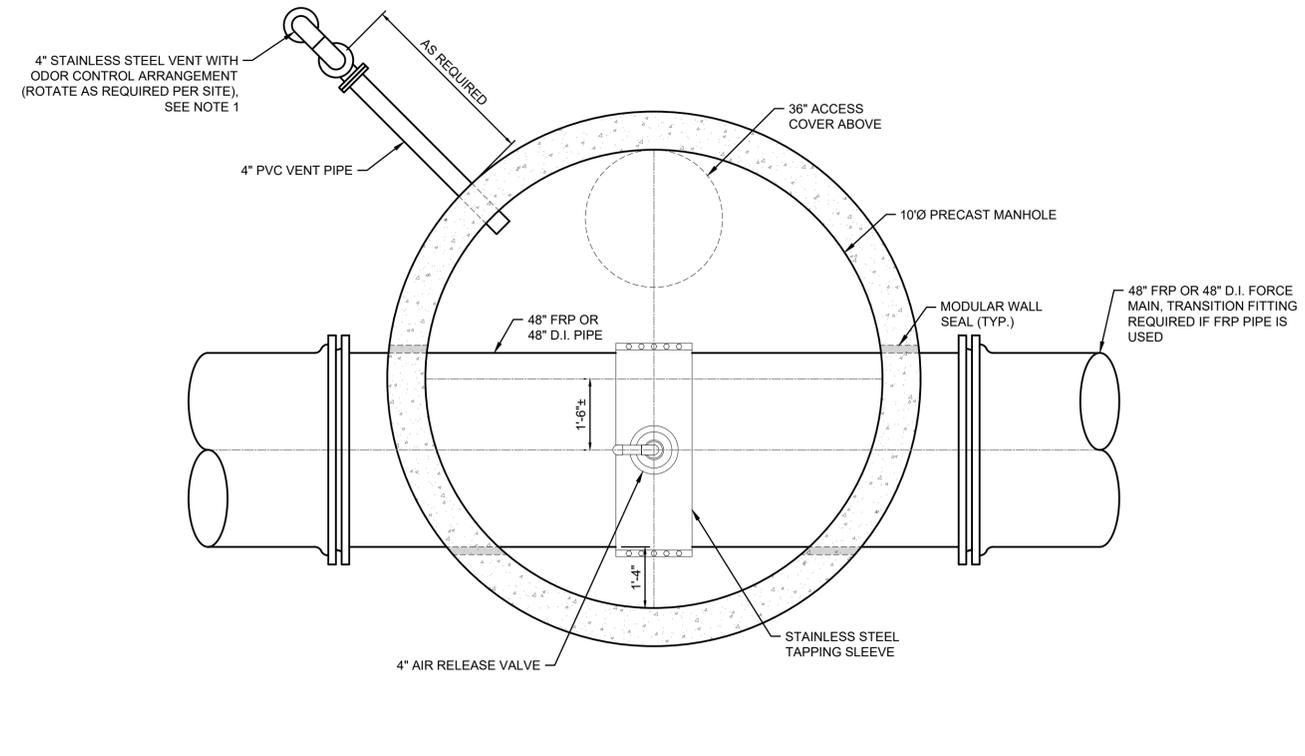
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CHICAGO DISTRICT
CHICAGO, ILLINOIS

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INDIANAPOLIS, INDIANA 46240

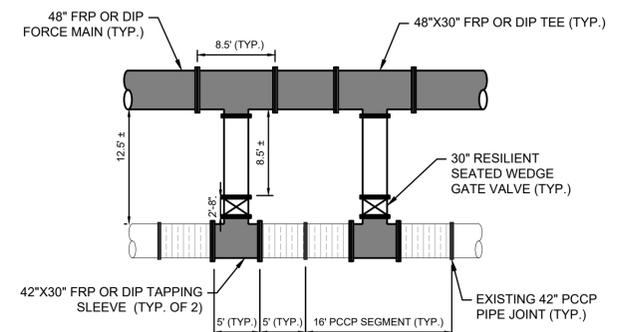
GARY SANITARY DISTRICT
27TH AND CHASE PUMP STATION
FORCE MAIN REPLACEMENT PROJECT - PHASE II

DETAILS
AIR RELEASE VALVE STRUCTURE

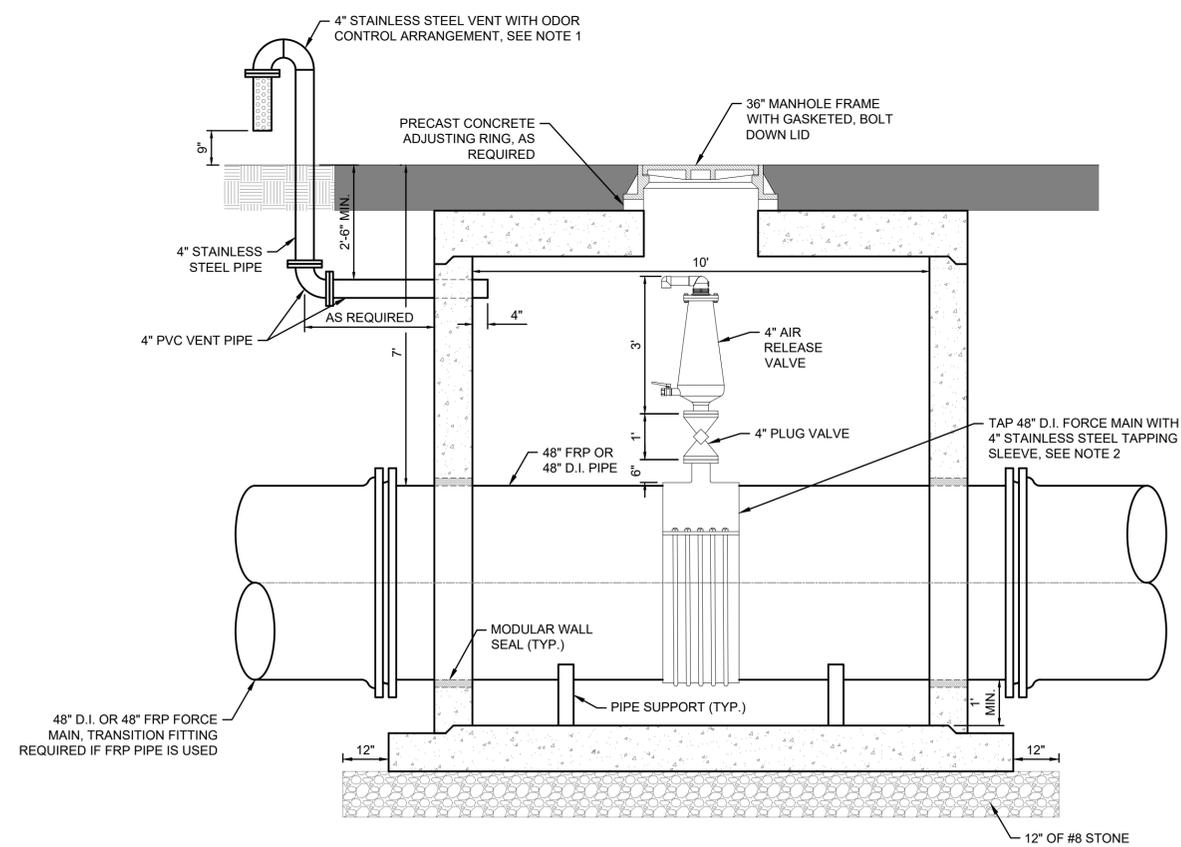
SHEET ID
C-500



PLAN VIEW

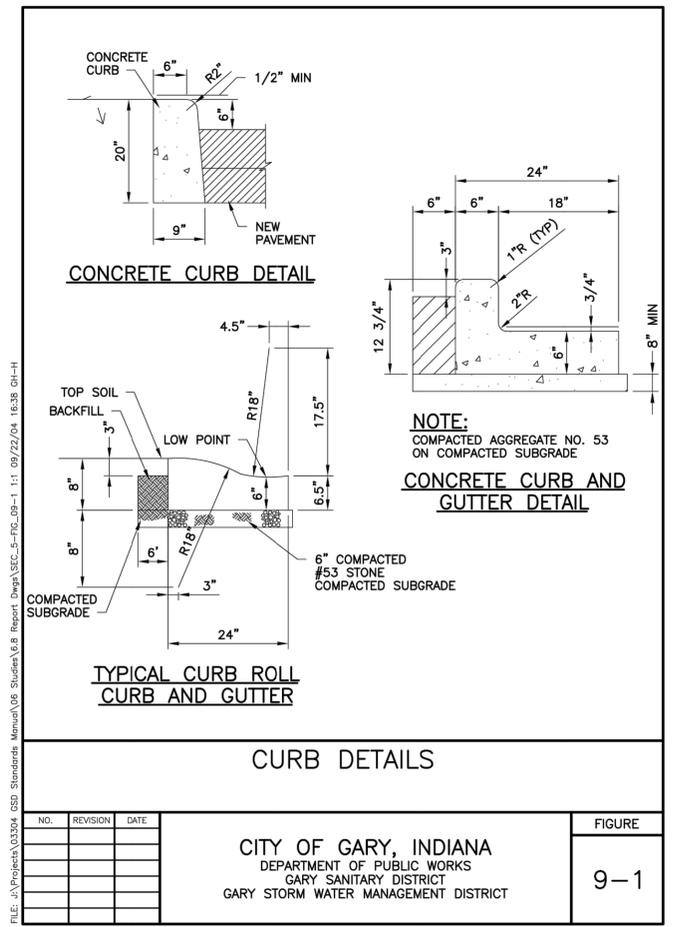
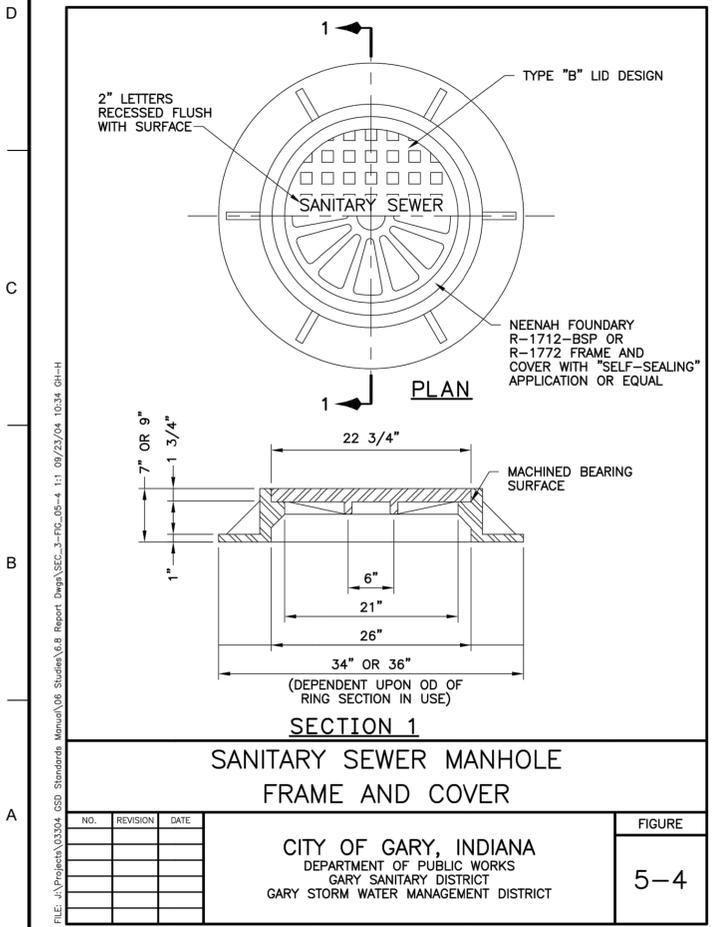
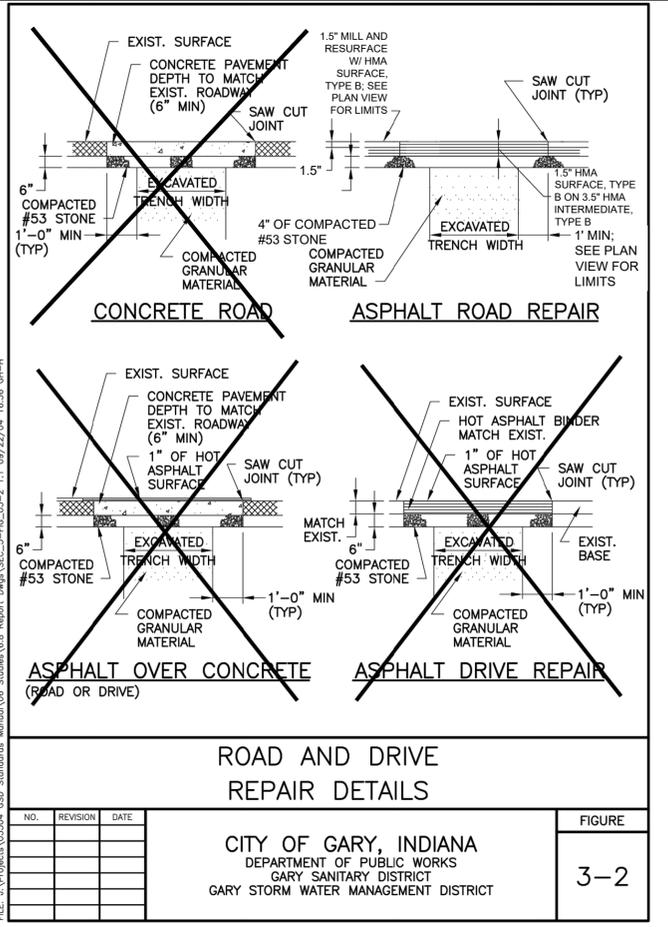
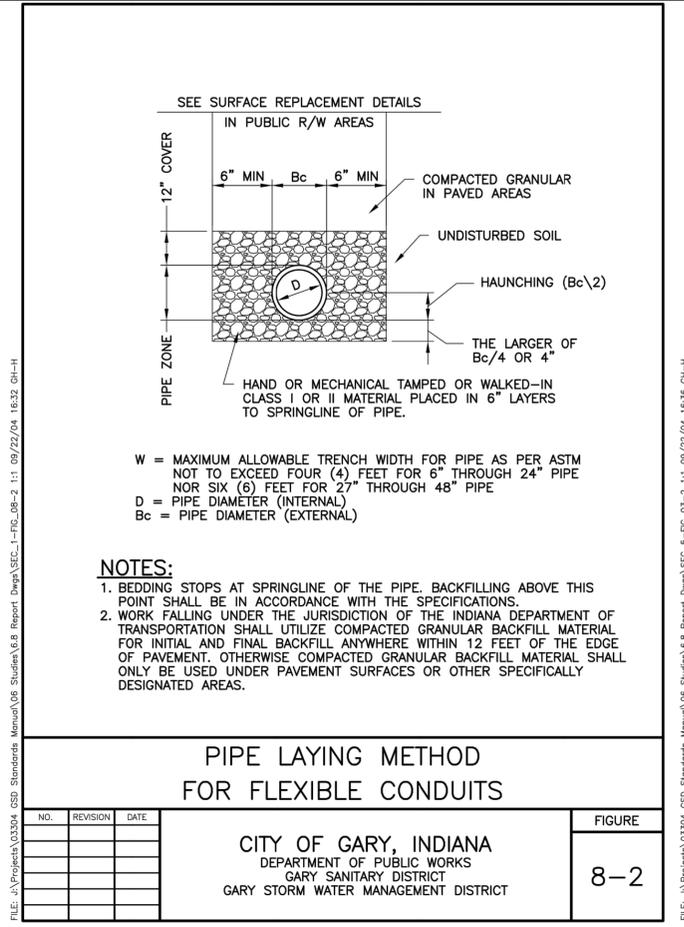
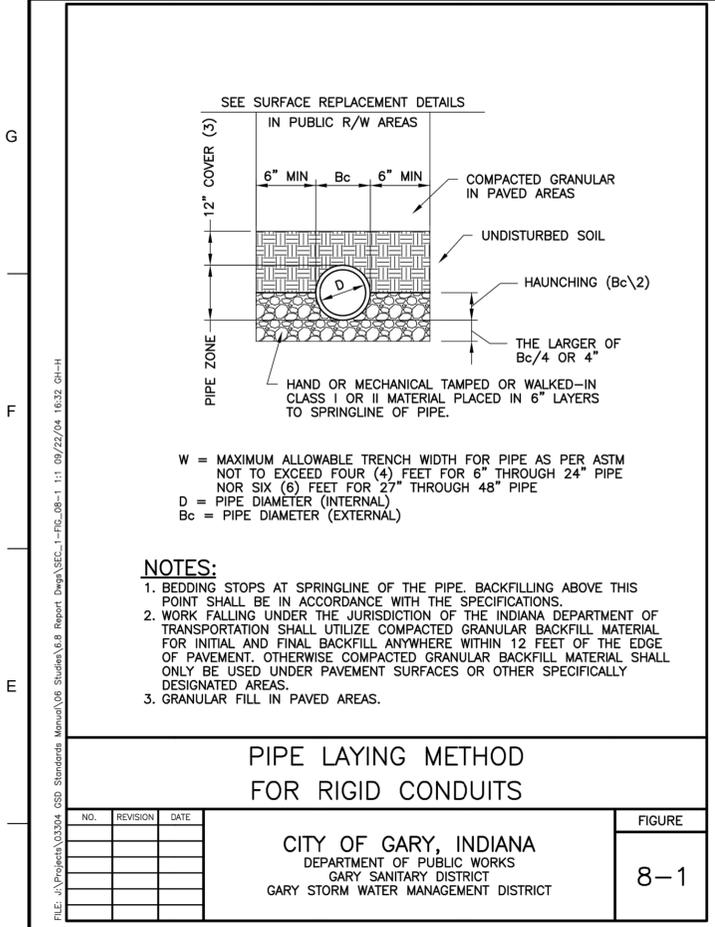


A1 FORCE MAIN CONNECTION DETAIL
SCALE: NOT TO SCALE



SECTION VIEW

A1 AIR RELEASE/VACUUM VALVE STRUCTURE FOR FORCE MAIN
SCALE: 1/2"=1'-0"



DATE	DESCRIPTION



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ISSUE DATE:	12-12-2022
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FIGURE NO.:	
DATE:	
SCALE:	

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CHICAGO, ILLINOIS

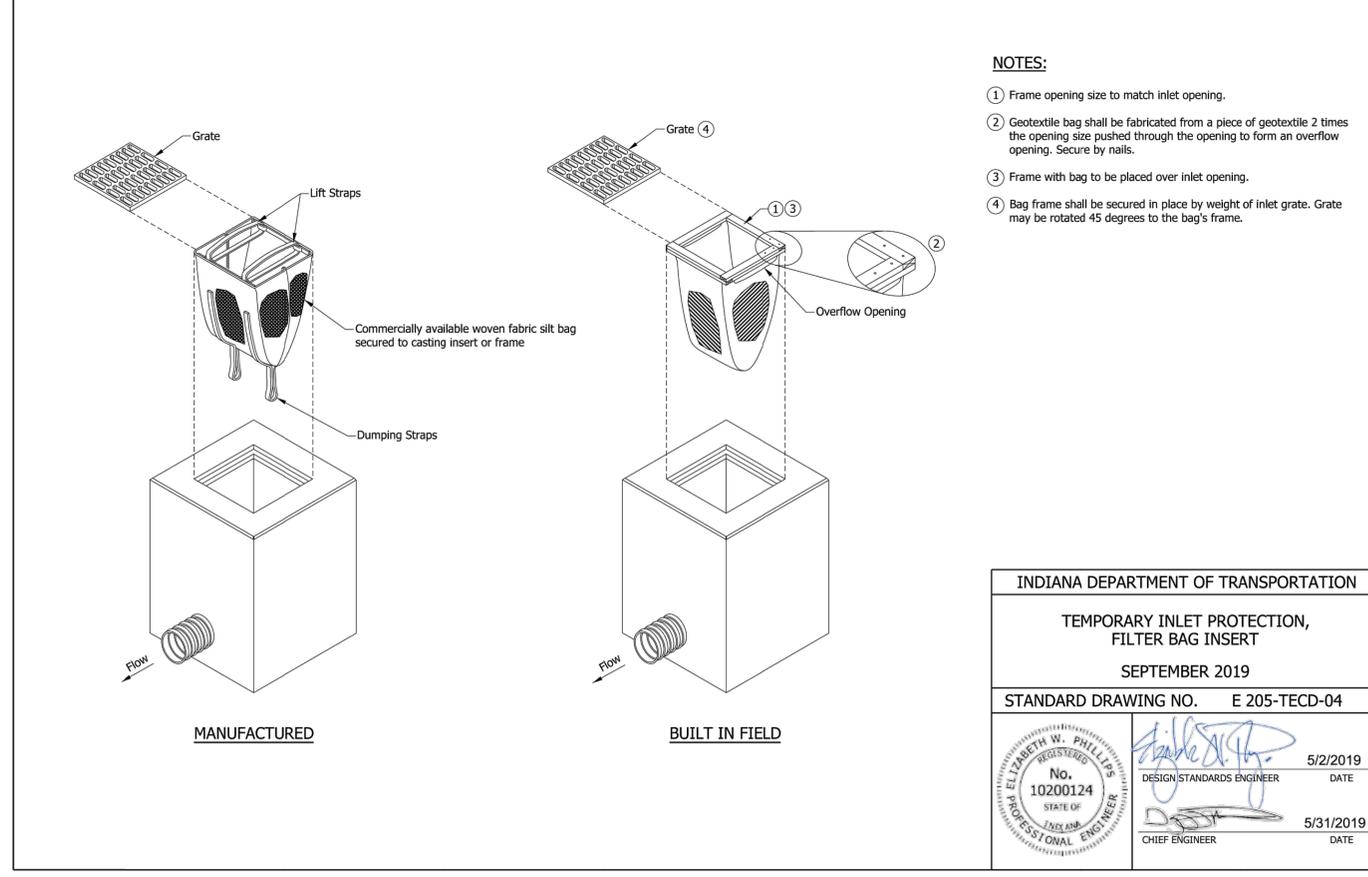
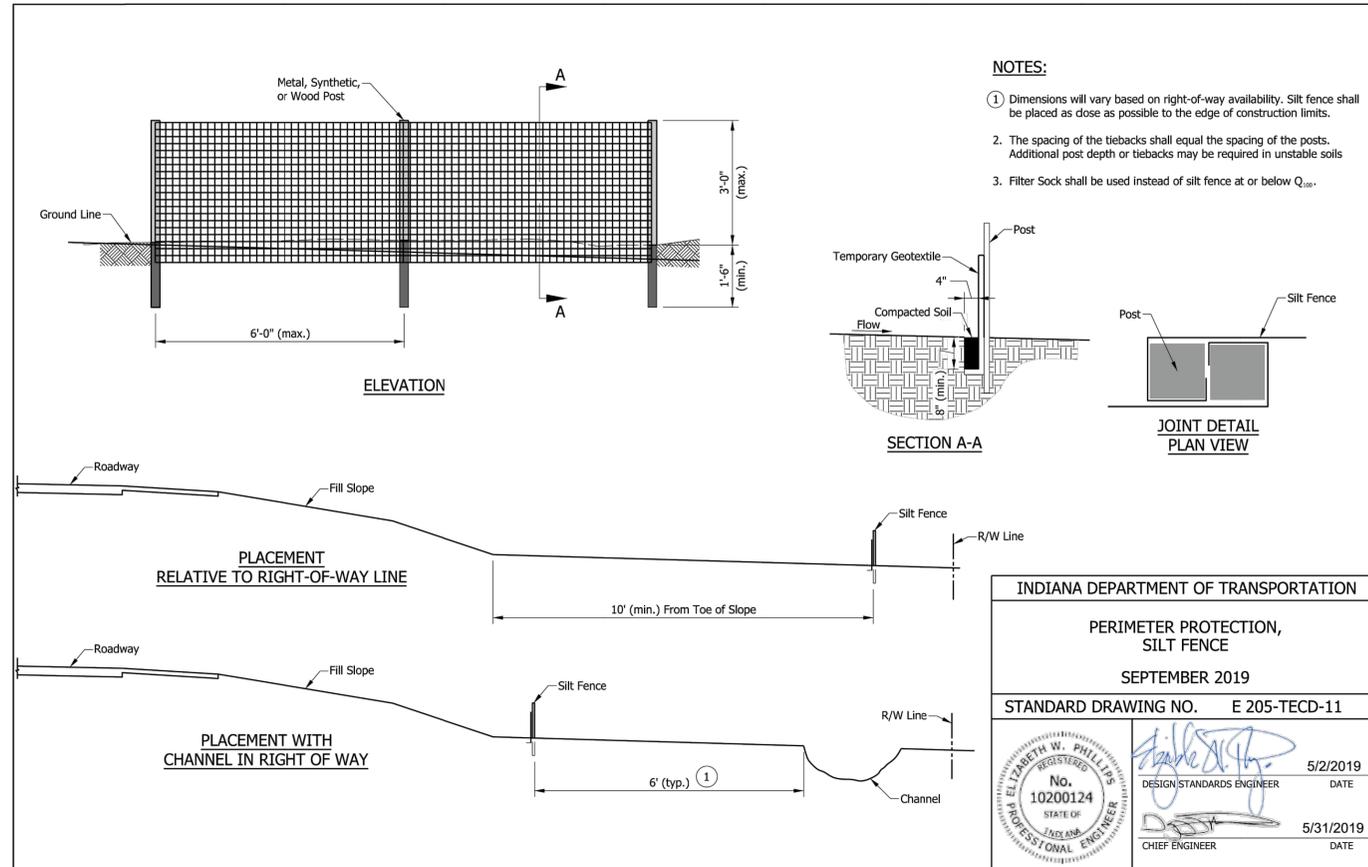
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GARY SANITARY DISTRICT
27TH AND CHASE PUMP STATION
FORCE MAIN REPLACEMENT PROJECT - PHASE II

DETAILS

SHEET ID
C-501

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EROSION CONTROL NOTES

- COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
- THESE SPECIFICATIONS AND DRAWINGS FOR EROSION CONTROL SHALL NOT BE CONSIDERED ALL INCLUSIVE. TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SEDIMENT FROM LEAVING THE SITE OR ENTERING THE COLLECTION SYSTEM.
- THE PROPOSED COLLECTION SYSTEM MANAGES STORMWATER RUNOFF THROUGH INFILTRATION. IT IS CRITICAL FOR THE SUCCESS OF THE PROPOSED SYSTEM THAT THE SEDIMENT BE PREVENTED FROM ENTERING THE STORMWATER COLLECTION SYSTEM DURING CONSTRUCTION.
- INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES IF DEEMED NECESSARY BY ON SITE INSPECTION BY THE LOCAL REVIEWING AUTHORITY.
- MINIMIZE SEDIMENT BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. PROPERLY DISPOSE OF CLEARED SEDIMENT.
- STOCKPILES SHALL BE SURROUNDED BY FILTER LOGS TO PREVENT WASHOFF OF SEDIMENT. IF SOIL STOCKPILES WILL BE LEFT FOR A PERIOD LONGER THAN FIFTEEN (15) DAYS, STABILIZE WITH TEMPORARY SEED MIX.
- UNVEGETATED AREAS THAT ARE SCHEDULED OR LIKELY TO BE LEFT INACTIVE FOR FIFTEEN (15) DAYS OR MORE MUST BE TEMPORARILY OR PERMANENTLY SEEDED. ALTERNATIVE STABILIZATION METHODS ARE ACCEPTABLE IF THEY ARE ADEQUATE TO PREVENT SEDIMENT DISCHARGE.



MARK	DESCRIPTION	DATE



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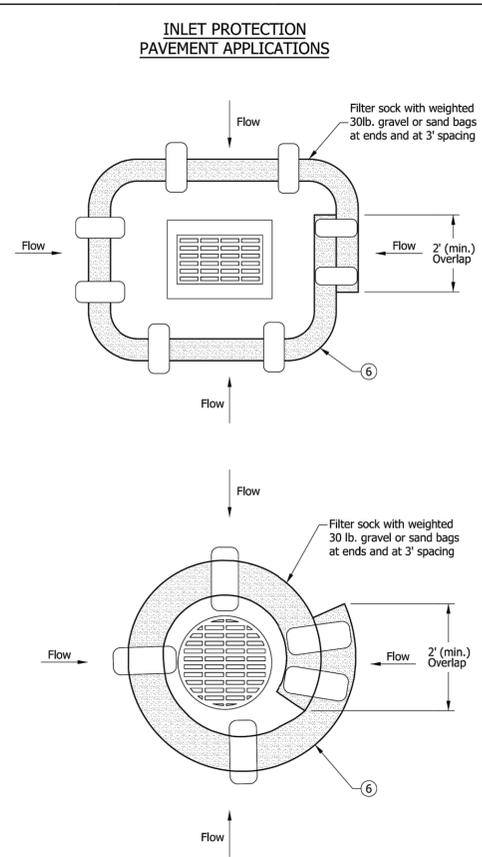
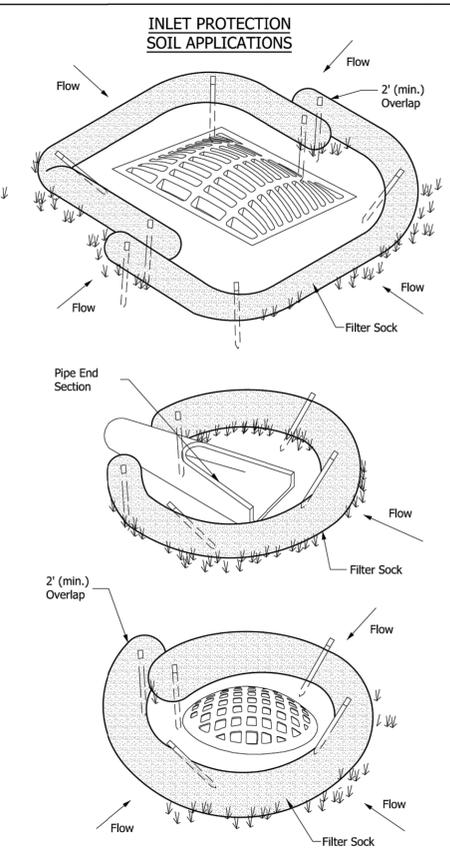
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GARY SANITARY DISTRICT
27TH AND CHASE PUMP STATION
FORCE MAIN REPLACEMENT PROJECT - PHASE II

DETAILS
EROSION CONTROL

A1 EROSION CONTROL DETAILS
SCALE: NTS

SHEET ID
C-502



- NOTES:**
1. Fiber roll may be substituted for filter sock.
 2. Filter sock shall be secured to prevent movement and undercutting as shown or in accordance with the manufacturer's instructions. See Standard Drawing E 205-TECD-10 for securing methods.
 3. Inlet protection shall be inspected, at a minimum once every seven days and after each storm event. Sediment shall be removed when 1/3 of the filter sock depth has been filled or as directed.
 4. Sediment and gravel deposited on roadways shall be removed once identified after each storm event.
 5. Inlet protection shall be removed after the surrounding area becomes stable.
 6. Inlet protection shall be used within a lane or shoulder only when closed to traffic. Inlet protection shall not cause water to encroach upon a lane open to traffic.

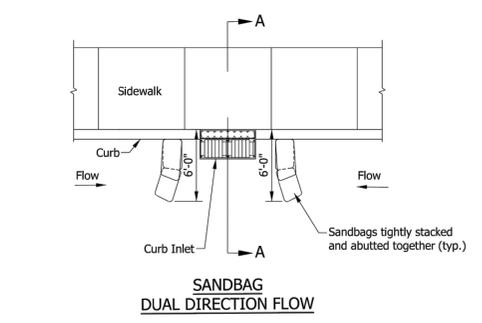
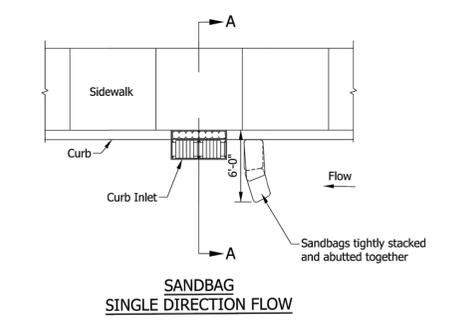
INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY INLET PROTECTION, FILTER SOCK

SEPTEMBER 2019

STANDARD DRAWING NO. E 205-TECD-02

	 DESIGN STANDARDS ENGINEER	5/2/2019	DATE
	 CHIEF ENGINEER	5/31/2019	DATE



- NOTES:**
1. Curb inlet protection shall be used within a lane or shoulder only when closed to traffic. Curb inlet protection shall not cause water to encroach upon a lane open to traffic.
 2. May be used in conjunction with drain inlet protection as a best management practice (BMP) in combination with bag or drop inlet protection inserts.
 3. Inlet protection shall be used within a lane or shoulder only when closed to traffic. Inlet protection shall not cause water to encroach upon a lane open to traffic.

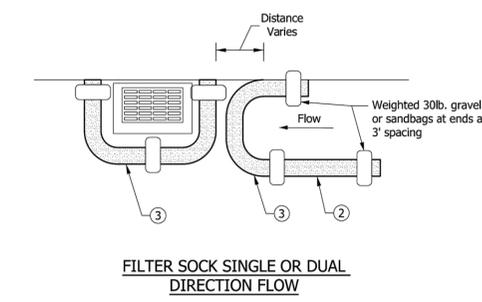
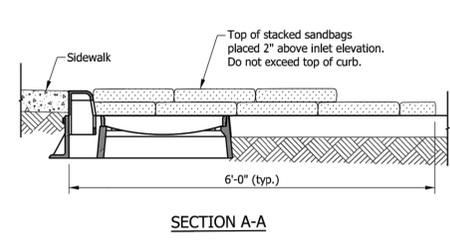
INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY CURB INLET PROTECTION

SEPTEMBER 2019

STANDARD DRAWING NO. E 205-TECD-05

	 DESIGN STANDARDS ENGINEER	5/2/2019	DATE
	 CHIEF ENGINEER	5/31/2019	DATE



A1 EROSION CONTROL DETAILS
SCALE: NTS

US Army Corps of Engineers

MARK	DESCRIPTION	DATE

REGISTERED PROFESSIONAL ENGINEER
No. 10200253
STATE OF INDIANA
James M. Clark

DESIGNED BY:	ISSUE DATE:
DRAWN BY:	12-12-2022
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SUBMITTED BY:	CONTRACT NO.:
JMC	XXXXXXX
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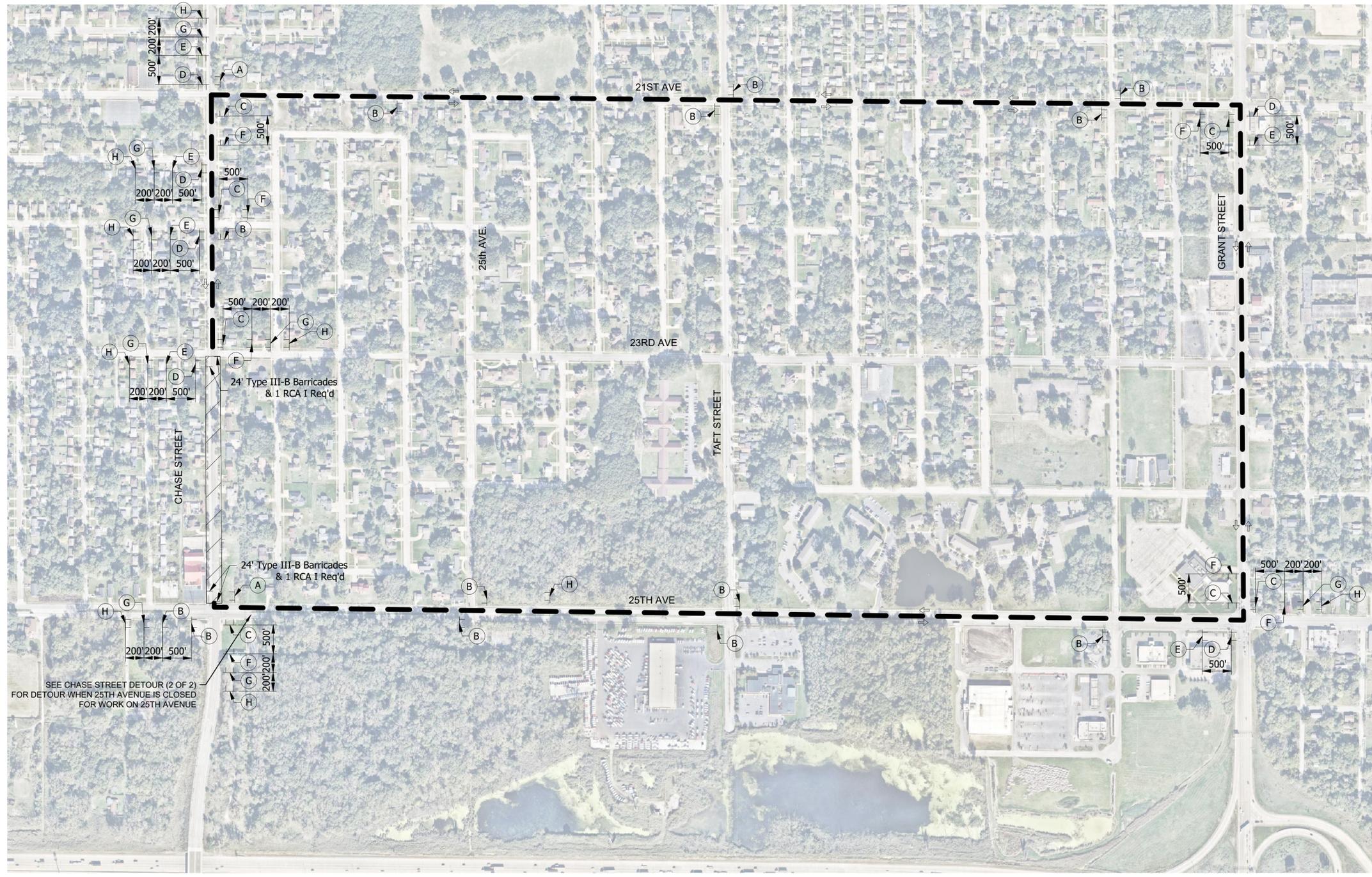
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GARY SANITARY DISTRICT
27TH AND CHASE PUMP STATION
FORCE MAIN REPLACEMENT PROJECT - PHASE II

DETAILS
EROSION CONTROL

SHEET ID
C-503

- NOTES:
1. THE INTENT OF THIS SHEET IS TO PROVIDE CHASE STREET DETOUR SIGNAGE FOR WHEN CONSTRUCTION IS NOT OCCURRING ALONG 25TH AVENUE & 25TH AVENUE DOES NOT REQUIRE CLOSURE AND DETOUR. CONTRACTOR SHALL ONLY CLOSE 25TH AVENUE FOR MINIMUM TIME POSSIBLE TO COMPLETE WORK ON 25TH AVENUE.
 2. CONSTRUCTION ZONE OF CHASE STREET AND DETOUR SHOWN IS FOR THE BASE OPTION ONLY. SHOULD OPTION 1 ALSO BE CONSTRUCTED THE PROPOSED WORK ZONE IS EXTENDED NORTH TO JUST SOUTH OF 22ND AVENUE. CONTRACTOR SHALL PROVIDE AND ADJUST DETOUR SIGNAGE, BARRICADES, AND OTHER MAINTENANCE OF TRAFFIC DEVICES AS REQUIRED TO MAINTAIN TRAFFIC AND DETOURS AROUND THE WORK ZONE.
 3. CONTRACTOR SHALL SUBMIT A PROPOSED TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BASED ON THE AWARDED BID OPTIONS.
 4. CONTRACTOR SHALL PROVIDE CLASS I PERIMETER PROTECTION AT THE EDGE OF THE EXCAVATION IN ACCORDANCE WITH THE EM 385-1-1.

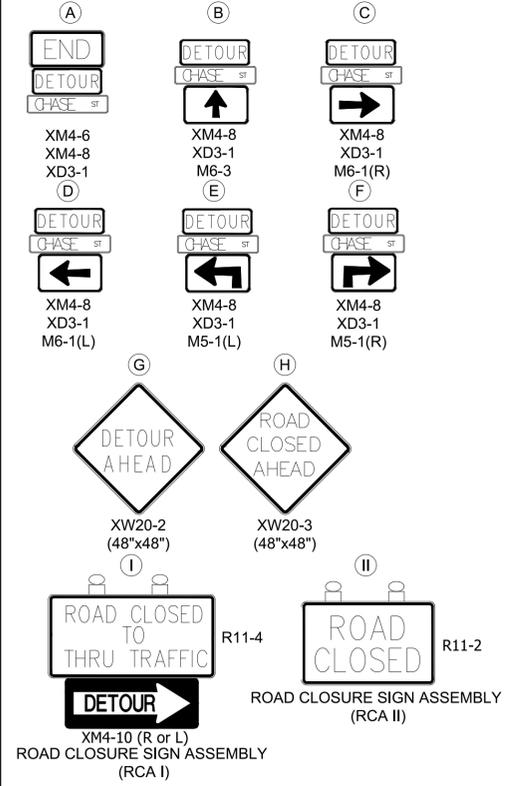


MAINTENANCE OF TRAFFIC NOTES

1. PLACE SIGNS AND BARRICADES IN ACCORDANCE WITH THE LATEST EDITION OF THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. MAINTAIN LOCAL ACCESS WHERE PRACTICAL. NOTIFY RESIDENTS AND BUSINESSES 2 DAYS IN ADVANCE WHEN ACCESS WILL BE CLOSED.
3. CONDUCT FLAGGING OPERATIONS IN ACCORDANCE WITH INDOT SPECIFICATIONS AND STANDARD DRAWINGS. UTILIZE FLAGGING OPERATIONS AND/OR TEMPORARY LANE CLOSURES AND SHIFTS IN ACCORDANCE WITH INDOT AND MUTCD REQUIREMENTS DURING PAVING OPERATIONS.
4. QUANTITIES ARE FOR INFORMATION ONLY. ALL ITEMS WHETHER SHOWN ON THIS SHEET OR NOT THAT ARE REQUIRED FOR PROPER MAINTENANCE OF TRAFFIC, SHALL BE INCLUDED.
5. CLOSE 25TH AND 23RD AVENUE ONLY AS LONG AS NECESSARY TO COMPLETE CONSTRUCTION ON 25TH AVENUE AND ASSOCIATED INTERSECTION WORK.
6. DURING EACH PHASE BARRICADE ALL CONSTRUCTION ENTRANCES TO THRU TRAFFIC AND PROVIDE ADVANCE WARNING OF THE CLOSURE AS SHOWN ON PLANS.
7. BUSINESSES AFFECTED BY ROAD CLOSURES ARE TO BE NOTIFIED PRIOR TO CONSTRUCTION.
8. NOTIFICATIONS TO THE LIMITATIONS OF ON-STREET PARKING SHOULD BE CLEARLY COMMUNICATED TO RESIDENTS.
9. AT THE CONCLUSION OF DAILY WORK, LOCAL TRAFFIC ACCESS IS TO BE UNHINDERED.

MAINTENANCE OF TRAFFIC LEGEND

- CONSTRUCTION SIGN, TYPE A
- TYPE "A" CONSTRUCTION WARNING LIGHT
- TYPE "B" CONSTRUCTION WARNING LIGHT
- TYPE III-A BARRICADE
- CONSTRUCTION AREA
- FLASHING ARROW SIGN
- DIRECTION OF TRAFFIC
- STANDARD DRUM
- TUBULAR MARKER
- TEMP. PAV'T MARKING, REMOVABLE, WHITE, 4 IN.
- TEMP. PAV'T MARKING, REMOVABLE, YELLOW, 4 IN.
- LINE, PAINT, SOLID, WHITE, 4 IN.
- LINE, PAINT, SOLID, YELLOW, 4 IN.



US Army Corps of Engineers

MARK	DATE

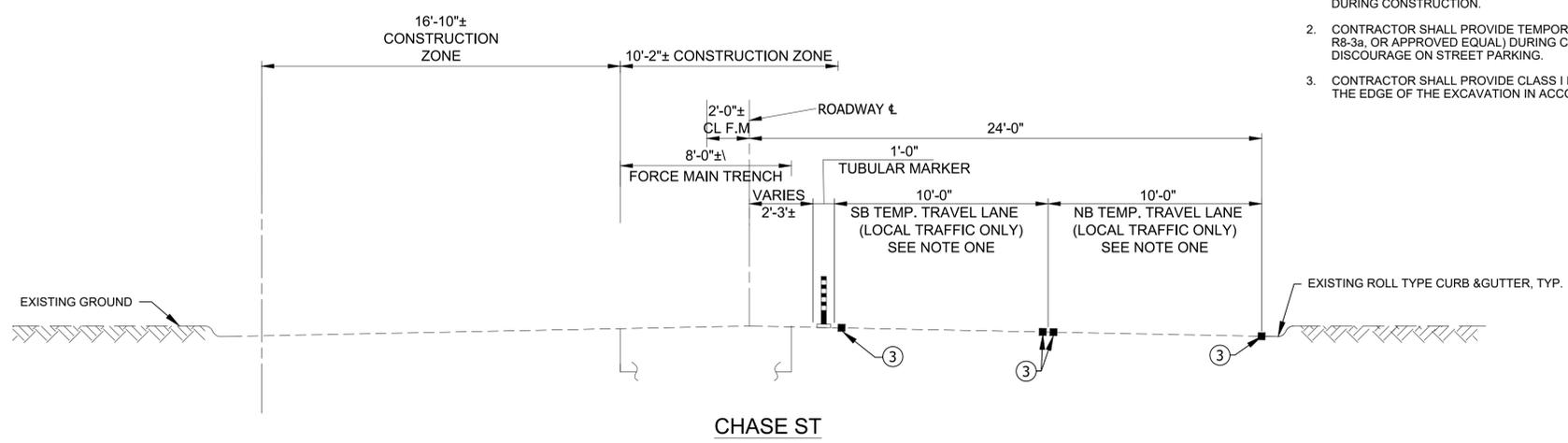
ISSUE DATE: 12-12-2022	SOLICITATION NO.:	CONTRACT NO.:	CONTRACT NO.:
DESIGNED BY:	DRAWN BY:	CHECKED BY:	SUBMITTED BY:
SS:	DRH	DRH	JMC
U.S. ARMY CORPS OF ENGINEERS CHICAGO DISTRICT CHICAGO, ILLINOIS	AMERICAN STRUCTUREPOINT, INC. 9025 RIVER ROAD, SUITE 200 INDIANAPOLIS, INDIANA 46240		

GARY SANITARY DISTRICT
27TH AND CHASE PUMP STATION
FORCE MAIN REPLACEMENT PROJECT - PHASE II

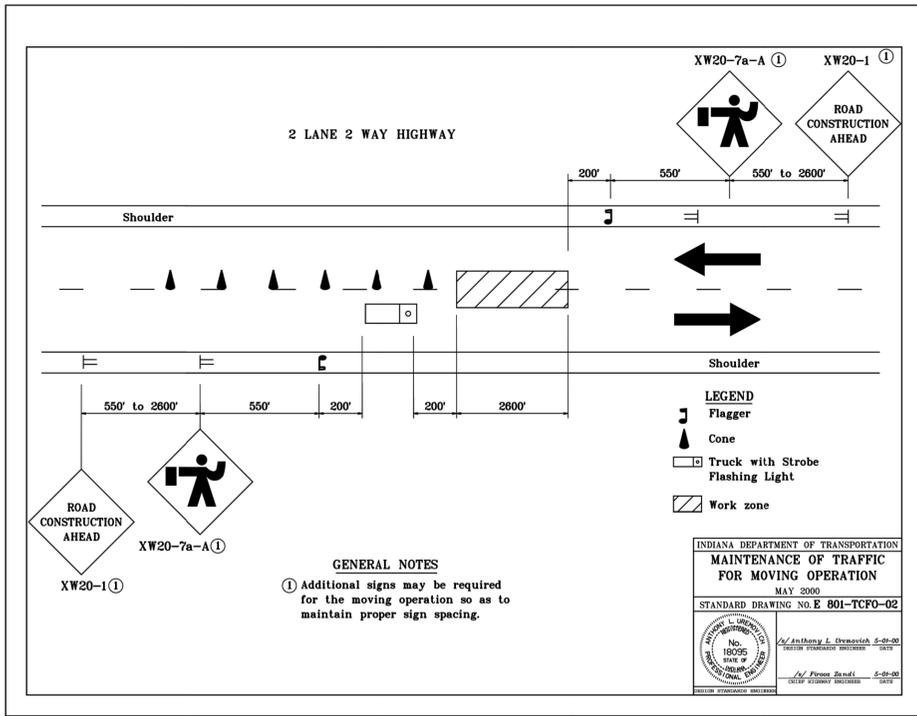
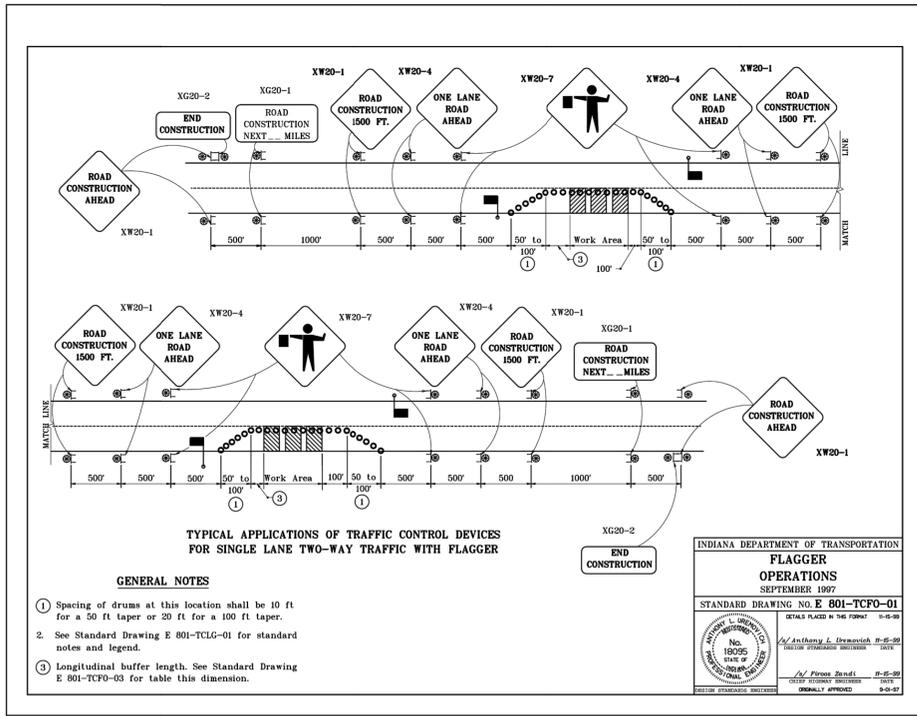
MAINTENANCE OF TRAFFIC PLAN

SHEET ID
C-601

A1 MAINTENANCE OF TRAFFIC PLAN - CHASE STREET DETOUR (1 OF 2)
SCALE: HORIZONTAL 1"=300'



- NOTES:
- CONTRACTOR MAY ELECT TO HAVE ONE NB TEMPORARY TRAVEL LANE (LOCAL TRAFFIC ONLY) ON FAR WEST SIDE OF ROAD AND ONE SB TEMPORARY TRAVEL LANE (LOCAL TRAFFIC ONLY) ON FAR EAST SIDE OF ROAD IN LIEU OF BOTH TEMPORARY TRAVEL LANES ON THE EAST SIDE. CONTRACTOR SHALL SUBMIT PROPOSED TYPICAL SECTION WITH TRAFFIC MANAGEMENT PLAN SUBMITTAL AND INDICATE PREFERRED METHOD(S). CONTRACTOR SHALL ADJUST TEMPORARY PAVEMENT MARKINGS, WORK ZONE DELINEATING DEVICES, AND BARRICADES ACCORDINGLY AND PERFORM ALL M.O.T. WORK IN ACCORDANCE WITH INDOT STANDARDS AND THE MUTCD. PROPOSED CHANGES TO TRAFFIC MAINTENANCE SCHEME SHALL BE SUBMITTED TO OWNER'S REPRESENTATIVE 2 WEEKS IN ADVANCE FOR REVIEW AND APPROVAL DURING CONSTRUCTION.
 - CONTRACTOR SHALL PROVIDE TEMPORARY NO PARKING SIGNS (R8-3, R8-3a, OR APPROVED EQUAL) DURING CONSTRUCTION AS REQUIRED TO DISCOURAGE ON STREET PARKING.
 - CONTRACTOR SHALL PROVIDE CLASS I PERIMETER PROTECTION AT THE EDGE OF THE EXCAVATION IN ACCORDANCE WITH THE EM 385-1-1.



MAINTENANCE OF TRAFFIC NOTES

- PLACE SIGNS AND BARRICADES IN ACCORDANCE WITH THE LATEST EDITION OF THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- MAINTAIN LOCAL ACCESS WHERE PRACTICAL. NOTIFY RESIDENTS AND BUSINESSES 2 DAYS IN ADVANCE WHEN ACCESS WILL BE CLOSED.
- CONDUCT FLAGGING OPERATIONS IN ACCORDANCE WITH INDOT SPECIFICATIONS AND STANDARD DRAWINGS. UTILIZE FLAGGING OPERATIONS AND/OR TEMPORARY LANE CLOSURES AND SHIFTS IN ACCORDANCE WITH INDOT AND MUTCD REQUIREMENTS DURING PAVING OPERATIONS.
- QUANTITIES ARE FOR INFORMATION ONLY. ALL ITEMS WHETHER SHOWN ON THIS SHEET OR NOT THAT ARE REQUIRED FOR PROPER MAINTENANCE OF TRAFFIC, SHALL BE INCLUDED.
- CLOSE 25TH AND 23RD AVENUE ONLY AS LONG AS NECESSARY TO COMPLETE CONSTRUCTION ON 25TH AVENUE AND ASSOCIATED INTERSECTION WORK.
- DURING EACH PHASE BARRICADE ALL CONSTRUCTION ENTRANCES TO THRU TRAFFIC AND PROVIDE ADVANCE WARNING OF THE CLOSURE AS SHOWN ON PLANS.
- BUSINESSES AFFECTED BY ROAD CLOSURES ARE TO BE NOTIFIED PRIOR TO CONSTRUCTION.
- NOTIFICATIONS TO THE LIMITATIONS OF ON-STREET PARKING SHOULD BE CLEARLY COMMUNICATED TO RESIDENTS.
- AT THE CONCLUSION OF DAILY WORK, LOCAL TRAFFIC ACCESS IS TO BE UNHINDERED.

MAINTENANCE OF TRAFFIC LEGEND

- CONSTRUCTION SIGN, TYPE A
- ⊗ TYPE "A" CONSTRUCTION WARNING LIGHT
- TYPE "B" CONSTRUCTION WARNING LIGHT
- TYPE III-A BARRICADE
- ▨ CONSTRUCTION AREA
- ← FLASHING ARROW SIGN
- DIRECTION OF TRAFFIC
- STANDARD DRUM
- TUBULAR MARKER
- ① TEMP. PAV'T MARKING, REMOVABLE, WHITE, 4 IN.
- ② TEMP. PAV'T MARKING, REMOVABLE, YELLOW, 4 IN.
- ③ LINE, PAINT, SOLID, WHITE, 4 IN.
- ④ LINE, PAINT, SOLID, YELLOW, 4 IN.



MARK	DESCRIPTION	DATE



ISSUE DATE:	12-12-2022
DESIGNED BY:	SS
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SIZE:	AANSI D
U.S. ARMY CORPS OF ENGINEERS	CHICAGO DISTRICT
	CHICAGO, ILLINOIS
AMERICAN STRUCTUREPOINT, INC.	9025 RIVER ROAD, SUITE 200
	INDIANAPOLIS, INDIANA 46240

GARY SANITARY DISTRICT
27TH AND CHASE PUMP STATION
FORCE MAIN REPLACEMENT PROJECT - PHASE II
MAINTENANCE OF TRAFFIC DETAILS

SHEET ID
C-604

A1 MAINTENANCE OF TRAFFIC PLAN - TYPICAL SECTION - CHASE STREET
SCALE: HORIZONTAL 1/4"= 1'

