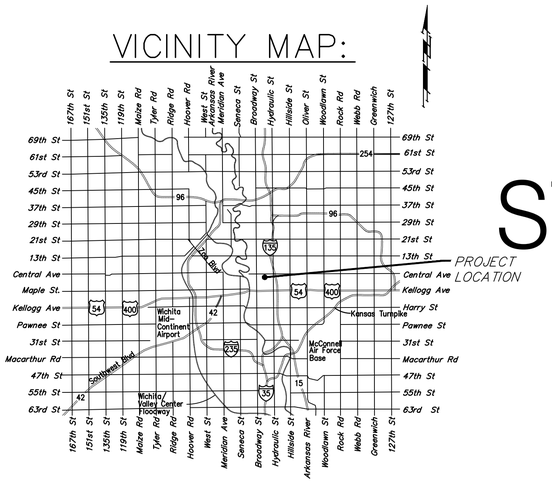
VICINITY MAP:



CONSTRUCTION PLANS FOR PROPOSED

3RD AND WABASH STORMWATER IMPROVEMENTS

FOR

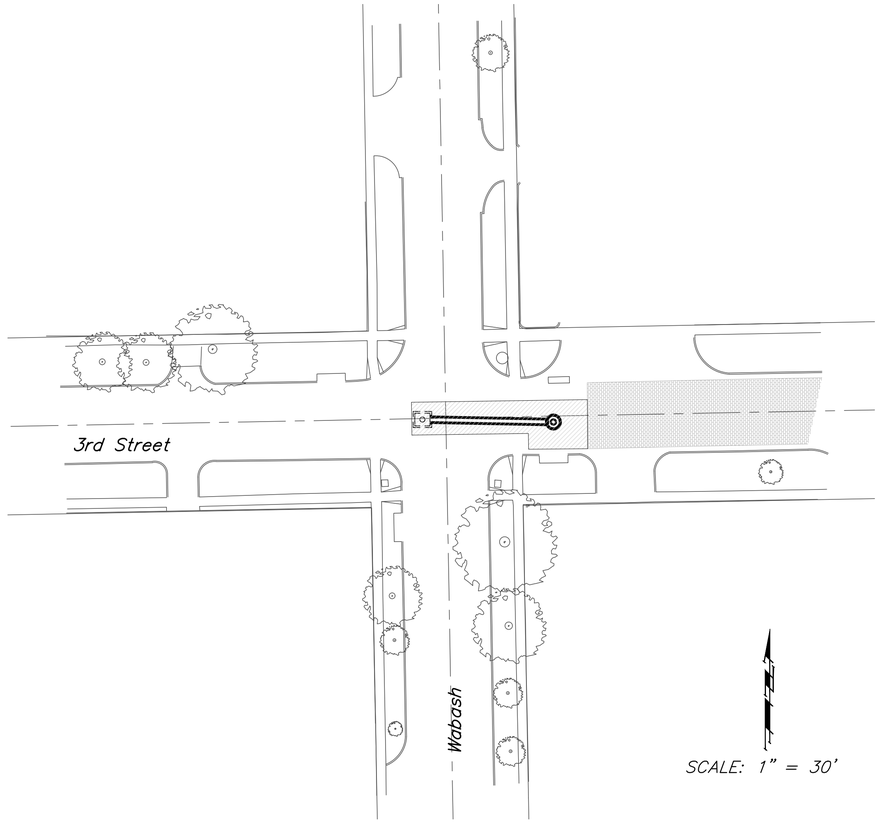
THE CITY OF WICHITA,
SEDGWICK COUNTY, KANSAS

Paul Gunzelman, P.E. City Engineer

Stormwater Project
SWS #806
Project Number 458-2024-085591
Org Code 56092070

January 2025

TABLE OF CONTENTS:



SCALE: 1" = 30'

January 22, 2025

BAUGHMAN COMPANY
315 Ellis St. Wichita, KS 67211 316-262-7271
BaughmanCo.com

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GENERAL NOTES

1. The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City of Wichita Standard Specifications and Special Provisions.

2. Contractor will be required to provide notice to utility companies a minimum of seventy–two (72) hours prior to any excavation, as follows:

   Kansas One–Call 687–2470

   The Contractor must notify the following in case of an emergency:

AT&T	1–800–246–8464
Black Hills Energy	1–800–694–8989
City of Wichita Water & Sewer	1–316–219–8921
City of Wichita Stormwater	1–316–268–4090
City of Wichita Traffic	1–316–268–4034
Cox Communications	1–888–249–3530
Kansas Gas Service	1–888–482–4950
Evergy	1–800–544–4857

3. Utility service lines, poles, etc. are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right–of–way which do not conflict with proposed construction.

4. The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.

5. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re–establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re–established by a licensed land surveyor in accordance with state laws.

6. All elevations shown are NAVD88.

7. The Engineering Division shall field locate water valve one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, valve boxes or fire hydrants damaged during construction shall be repaired by Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match field grades by the contractor.

8. The Contractor Shall not begin work on the project until the Project Inspector is assigned and on–site. Any work competed without inspection will be require to be uncovered for inspection at no additional cost to the Owner.

9. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations, in the opinion of the Engineer, that will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits will require additional archaeological investigations unless buried in a previously approved borrow location.

10. All excess excavation shall be removed from site, incidental to lump sum bid item "Site Restoration".

11. Trees and shrubs in public right–of–way which are in direct conflict with proposed new construction shall be removed by the Contractor with the City Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage. If trimming is necessary, a chainsaw shall be used. Breaking limbs with equipment will not be allowed. An on–site pre–construction meeting will occur prior to any construction to discuss tree removal, tree protection, and tree trimming. All trimming operations shall be considered SUBSIDIARY to the Bid Item "Site Clearing".

12. Prior to bidding the project, each bidder shall visit the site and satisfy himself of surface & subsurface conditions. Each bidder shall also fully inform himself as to the extent of the scope of work to be performed. Each bidder shall also be aware that no additional compensation will be awarded for extra work that should have been evaluated prior to bidding.

13. Adjacent Buildings, Structures, Parking Lots, Driveways, etc. other than those shown for replacement shall be protected from damage during construction of this Project.

14. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Department of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be included in the Lump Sum Bid Item "Traffic Control".

15. All traffic control devices in the work zone (including markings and signs) and their installation and maintenance shall comply with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). All traffic control devices in the traveled way or clear zone shall be crashworthy (NCHRP Report 350 or MASH compliant). http://safety.fhwa.dot.gov/ roadway_dept/policy_guide/ road_ hardware/wzd

16. Contractor shall erect Sidewalk Closed and Sidewalk Closed Ahead signs on Type II barricades, when pedestrian sidewalks are located inside the Contractor's Work Zone. These Signs and barricades shall be considered SUBSIDIARY to the Bid Item "Traffic Control".

17. All construction equipment, including vehicles, materials, and debris, shall be stored outside the clear zone. where this cannot be achieved the contractor shall place appropriate signs, object identifiers, and/or barricades in compliance with the latest addition of the MUTCD.

18. Existing street signs in conflict with construction activities shall be removed prior to construction, protected, stored, and re–installed by the Contractor. All work and materials associated with this effort shall be considered SUBSIDIARY to the Bid Items "Site Clearing" and "Site Restoration" unless specifically identified in the plans otherwise.

19. Access to residential properties shall be maintained at all time during construction.

20. Limits of earthwork shall match existing ground elevations at the right–of–way line unless otherwise noted on the plans with a new finished grade elevation.

21. Contractor shall limit construction, including staging and storage to existing paved area. No additional payment will be made for disturbance to landscaped or grass turf.

28. A subsurface geotechnical investigation has not been completed for this project. The information presented in these plans is not intended to imply any geotechnical recommendations. A licensed and qualified geotechnical engineer should be engaged if it is determined to be necessary by the contractor, owner, state, or other local permitting authority.

PAVEMENT NOTES

1. A saw cut of at least one–half the depth of existing surface courses or one–fourth the depth of the existing total pavement thickness shall be provided at locations where proposed construction abuts the existing surface course or pavement for which partial removal of that surface or pavement is required. Sawed joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as SUBSIDIARY to the removal of the surface or pavement.

2. Crushed Rock Base is to be compacted and smoothed with a steel faced roller or vibrating compactor prior to placement of pavement.

STORMWATER NOTES

1. When required and as detailed in the plans, the Contractor shall remove and replace street pavement for stormwater construction. Full–depth PC Concrete Pavement or full–depth Asphalt Pavement shall be used to replace existing asphalt surfaced pavement over PC Concrete Pavement. Costs to be included in the Bid Item "Pavement Removed and Replaced" paid for by the Square Yard.

2. Stormwater installed by open cut methods under street pavement shall be backfilled with sand, flushed and vibrated, from 6" below pipes to within 2' below the bottom of the rock base or finished grade per Detail WL–104. Sidewalk or Sidewalk Ramps to be sand filled, flushed and vibrated, from 6" below pipe to the bottom of the sidewalk pavement. Costs to be SUBSIDIARY to the Bid Item "Fill, Sand (Flushed & Vibrated)" paid for by the Linear Foot.

EROSION CONTROL NOTES

1. All existing and proposed erosion control measures including silt fencing, erosion control mat, straw bales, inlet barriers, and construction entrance shall be maintained throughout construction by the contractor and until project is accepted by the City of Wichita. The on–site engineer shall complete weekly reports on the status of erosion control measures. The contractor shall be required to comply with maintenance and/or replacement of erosion control measures as determined by the on–site engineer until project is accepted by City of Wichita.

2. A KDHE NOI Permit has not been obtained for this project as it is anticipated to disturb less than 1 acre. It shall be the contractors responsibility to obtain a permit should more than 1 acre be disturbed at any time.

Summary of Quantities

Bid Item Code	Bid Item	Quantity	Unit
	Lump Sum Bid Items		
1211000	Site Clearing	1	LS
1212000	Site Restoration	1	LS
4505000	Pipe, Connect to Existing	1	LS
8810000	Traffic Control	1	LS
	Measured Bid Items – Stormwater		
128000	Fill, Sand (Flushed & Vibrated)	52	LF
1612000	BMP, Curb Inlet Protection	3	EA
2251100	Concrete Pavement Removed & Replaced	117	SY
4500100	Connect to Existing Structure	1	EA
4560024	Pipe, SWS RCP 24"	52	LF
6510100	MH Removed	1	EA
6560006	MH, Standard SWS (6')	1	EA

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CITY OF WICHITA
3RD AND WABASH

GENERAL NOTES

STORMWATER IMP.

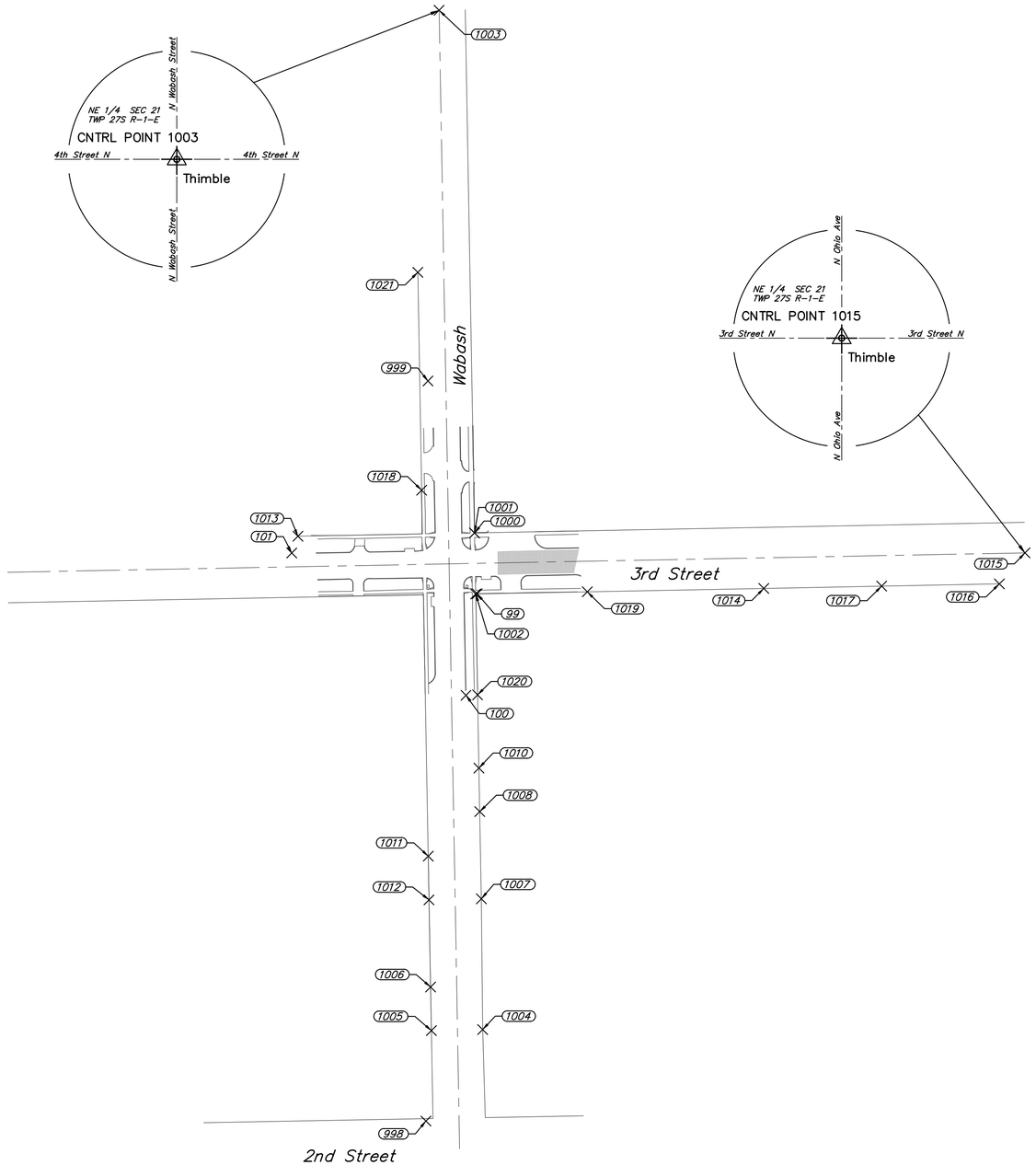
PROJECT NUMBER:
458-2024-085591
24-09-E890

DESIGN: BDC DRAWN: BDC

DATE: January 22, 2025

SHEET 2 OF 8

File: E:\Projects\Wichita 3rd and Wabash Storm (24-09-E890)\Engineering\DWG\TITLE_GENERAL NOTES_CONTROL.dwg



CONTROL POINTS

CP#100 – Set Cross "+" Cut into Top of Curb East Side of Wabash inline with North Edge of Building to the East
N: 1652238.4533
E: 1687542.8144

CP#101 – Set Cross "+" Cut into SW Corner of Concrete Pad North Side of 3rd
N: 1652038.5206
E: 1687706.1916

CP#998 – Set Cross "+" Cut in South Edge of Sidewalk 8.5' West of West Edge of Sidewalk NW Corner of 2nd and Wabash
Elev. = 1297.720 NAVD88
N: 1652192.4767
E: 1687054.3985

CP#999 – Set #4 Rebar West Side of Wabash inline with Building to the West
Elev. = 1298.380
N: 1652194.8619
E: 1687903.4758

CP#1000 – Found 1" Iron Pipe NE Corner 3rd and Wabash
N: 1652248.2586
E: 1687729.0778

CP#1001 – Found 1–1/4" Iron Pipe NE Corner 3rd and Wabash
N: 1652248.2905
E: 1687729.1852

CP#1002 – Found Cross "+" Cut SE Corner 3rd and Wabash
N: 1652249.6315
E: 1687659.1206

CP#1003 – Found #6 Rebar in Thimble 4th and Wabash
N: 1688328.8146
E: 1652207.6278

CP#1004 – Found Cross "+" Cut
N: 1687159.4382
E: 1652257.5869

CP#1005 – Found 'V' Notch Cut
N: 1687158.1876
E: 1652198.8328

CP#1006 – Found Cross "+" Cut
N: 1687208.2035
E: 1652197.8269

CP#1007 – Found Cross "+" Cut
N: 1687309.3933
E: 1652256.1023

CP#1008 – Found 1/2" Iron Pipe
N: 1687409.4620
E: 1652254.3058

CP#1010 – Found Cross "+" Cut
N: 1687459.3337
E: 1652253.2714

CP#1011 – Found 1/2" Iron Pipe
N: 1687358.2840
E: 1652195.2450

CP#1012 – Found #4 Rebar
N: 1687308.1638
E: 1652196.0236

CP#1014 – Found #5 Rebar with ACLS' Cap
N: 1687665.5081
E: 1652580.2269

CP#1015 – Found 3/4" Iron Pipe in Thimble 3rd and Ohio
N: 1687706.2944
E: 1652880.0024

CP#1016 – Found #4 Rebar with 'TTLSI' Cap SW Corner 3rd and Ohio
N: 1687670.7239
E: 1652850.6008

CP#1017 – Found #6 Rebar
N: 1687668.1501
E: 1652715.4979

CP#1018 – Found Cross "+" Cut
N: 1687778.1969
E: 1652187.5927

CP#1019 – Found #4 Rebar with Broken Cap
N: 1687661.6020
E: 1652377.7160

CP#1020 – Found Cross "+" Cut
N: 1687543.3862
E: 1652251.7938

CP#1021 – Found #4 Rebar with 'BM' Cap
N: 1688028.1950
E: 1652183.2181

50 0 50
Scale: 1" = 50' Horizontal

BENCHMARKS

BM #99: "□" on NW Corner Wall at SE Corner Intersection of Wabash & 3rd.
Elev. = 1298.66 NAVD88

BM	*BENCH MARK*
BRF	*BAUGHMAN REBAR FOUND*
IP–1–2	*½" Iron Pipe*
IP–3–4	*¾" Iron Pipe*
IP–1	*1" Iron Pipe*
IP–1–1–4	*1–1/4" Iron Pipe*
MAG	*MAG NAIL*
R4	*#4 Rebar*
R5	*#5 Rebar*
TH–R6	*#6 Rebar in Thimble*
TH–IP–3–4	*¾" Iron Pipe in Thimble*
VNOTCH	*Chiseled 'V' Notch*

Project Control Point Table

Point #	Northing	Easting	Elevation	Description
99	1687659.33	1652251.29	1298.66	BM#99
100	1687542.81	1652238.45	1297.45	CROSS
101	1687706.19	1652038.52	1297.94	CROSS
998	1687054.40	1652192.48	1297.72	CROSS
999	1687903.48	1652194.86	1298.38	R4
1000	1687729.08	1652248.26	1297.94	IP–1
1001	1687729.19	1652248.29	1298.07	IP–1–1/4
1002	1687659.12	1652249.63	1297.79	CROSS
1003	1688328.81	1652207.63	1298.95	TH–R6
1004	1687159.44	1652257.59	1298.87	CROSS
1005	1687158.19	1652198.83	1299.28	VNOTCH
1006	1687208.20	1652197.83	1299.29	CROSS
1007	1687309.39	1652256.10	1300.09	CROSS
1008	1687409.46	1652254.31	1297.91	IP–1–2
1010	1687459.33	1652253.27	1298.08	CROSS
1011	1687358.28	1652195.24	1298.08	IP–1–2
1012	1687308.16	1652196.02	1298.08	R4
1013	1687725.40	1652045.60	1298.55	CROSS
1014	1687665.51	1652580.23	1300.05	R5
1015	1687706.29	1652880.00	1299.08	TH–IP–3–4
1016	1687670.72	1652850.60	1299.11	R4
1017	1687668.15	1652715.50	1298.49	R6
1018	1687778.20	1652187.59	1297.85	CROSS
1019	1687661.60	1652377.72	1297.17	R4 BROKEN CAP
1020	1687543.39	1652251.79	1297.88	CROSS
1021	1688028.20	1652183.22	1298.47	R4

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CITY OF WICHITA
3RD AND WABASH

PROJECT CONTROL

STORMWATER IMP.

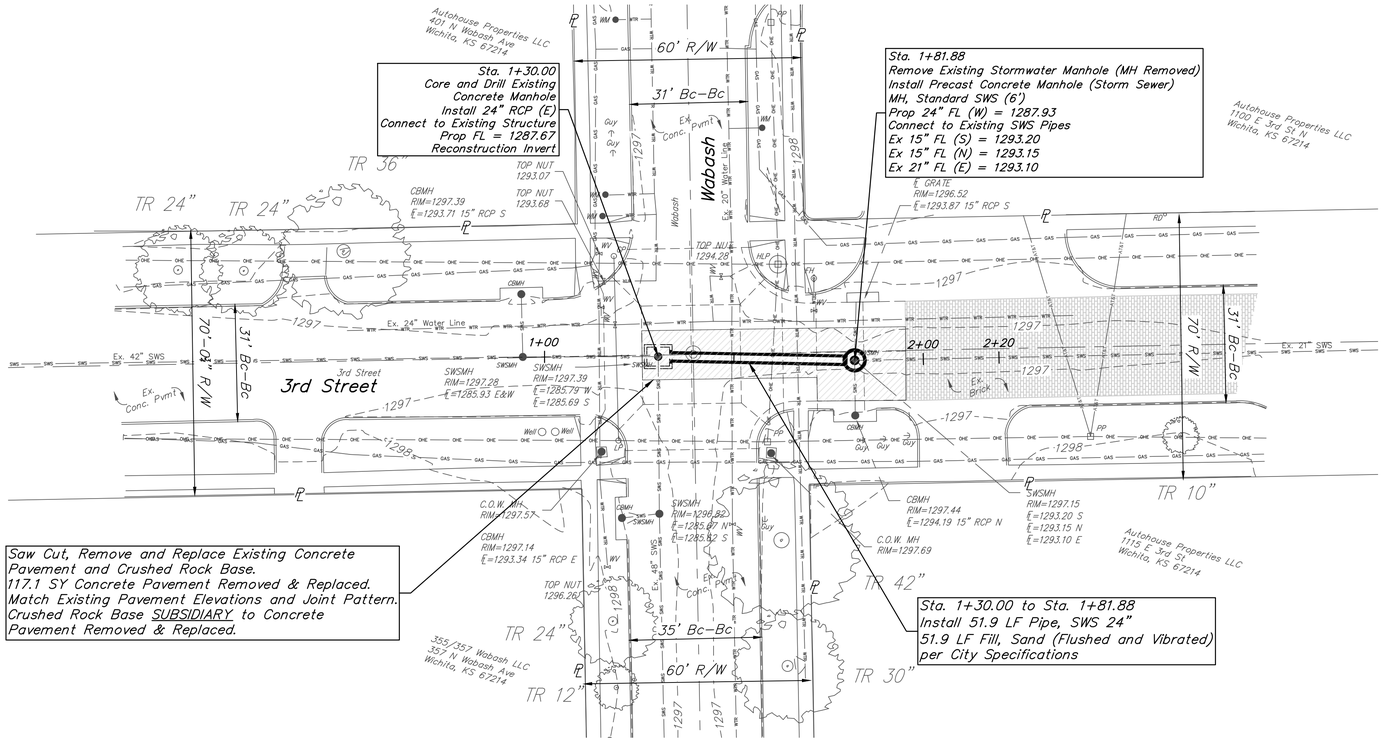
PROJECT NUMBER:
458-2024-085591
24-09-E890

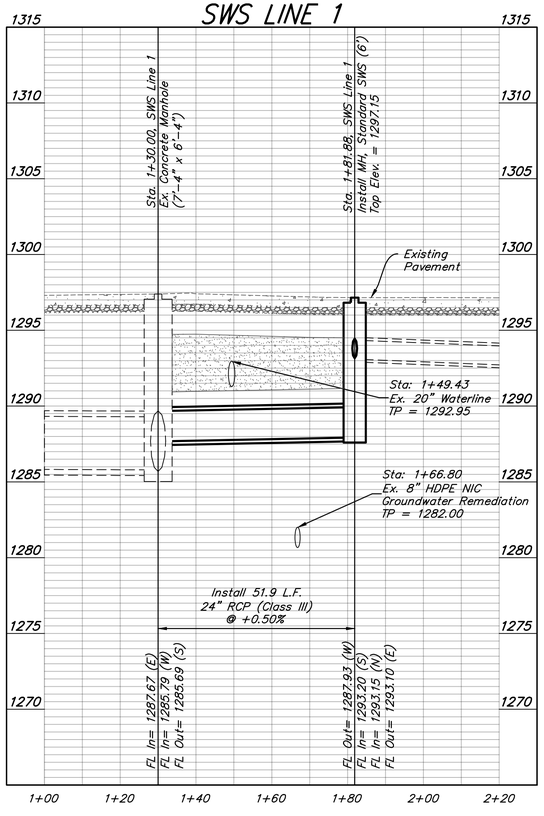
DESIGN: BDC DRAWN: BDC

DATE: January 22, 2025

SHEET 3 OF 8

File: E:\Projects\Wichita 3rd and Wabash Storm (24-09-E890)\Engineering\DWG\TITLE_GENERAL NOTES_CONTROL.dwg





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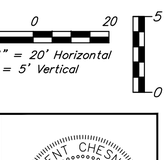
Scale: 1" = 20' Horizontal
1" = 5' Vertical

5 0



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CITY OF WICHITA
3RD AND WABASH

STORMWATER PLAN AND PROFILE

STORMWATER IMP.

PROJECT NUMBER:
458-2024-085591
24-09-E890

DESIGN: BDC DRAWN: BDC

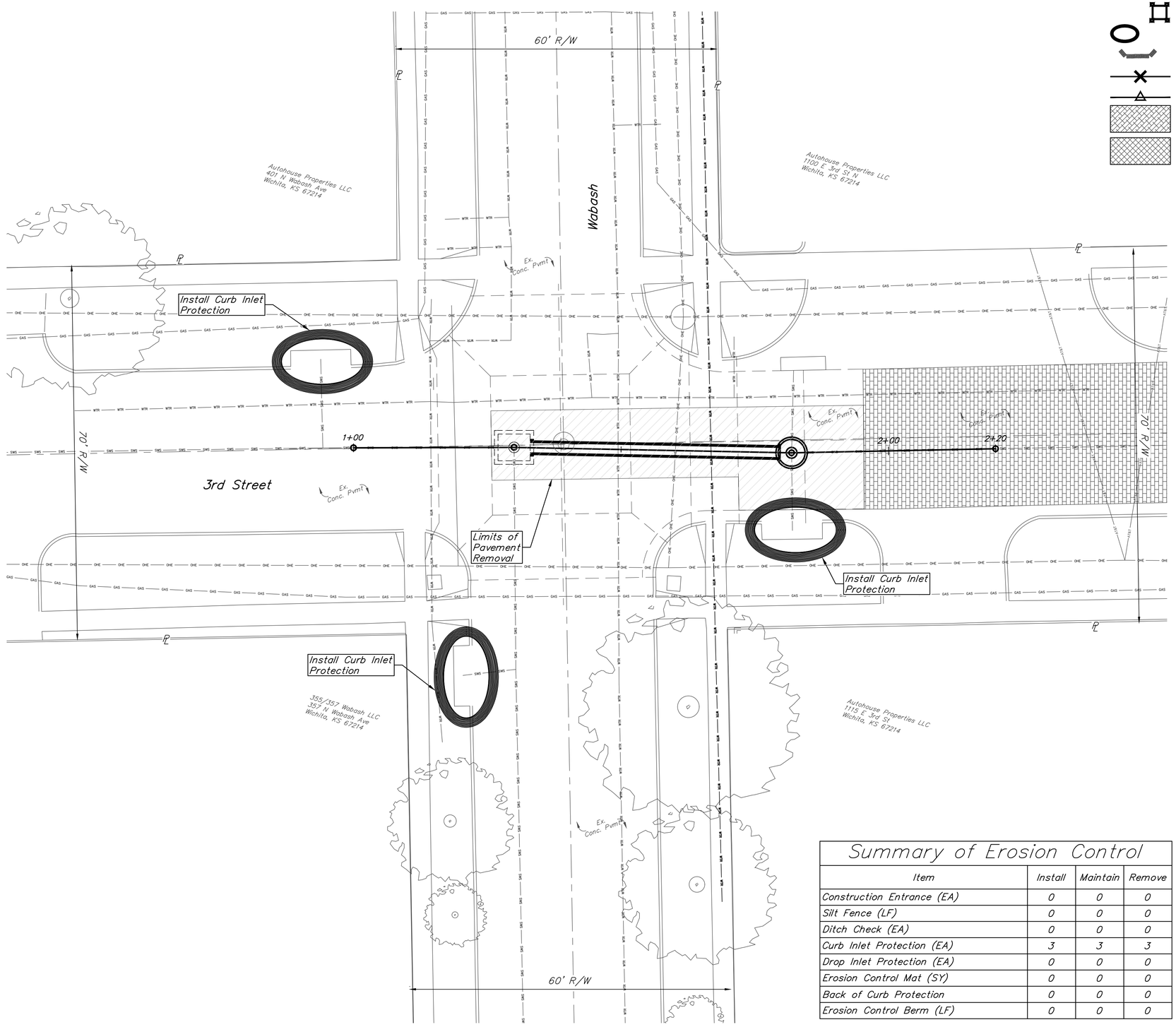
DATE: January 22, 2025

SHEET 4 OF 8

File: E:\Projects\Wichita 3rd and Wabash Storm (24-09-E890)\Engineering\DWG\STORMWATER PLAN AND PROFILE.dwg

GENERAL NOTES:

1. The contractor shall install Erosion Control on the site prior to start of construction activities and during construction as site conditions change.
2. The intent of all erosion control devices is to prevent eroded soil from entering ditches, stormwater systems, bodies of water, streets, or any other drainage facility. This sheet is intended to provide guidelines as the what type of erosion control devices should be installed during the construction process to meet this intent.
3. Locations shown for erosion control BMPs are general in nature. contractor shall be responsible for making field adjustments to erosion control BMPs throughout construction based on actual on-site conditions.
4. The application of erosion control devices shown on this sheet is for situations normally encountered. From time to time, situations will arise that may require devices other than that shown. Erosion control devices, other than those shown, may be utilized so long as they are effective, maintained, and approved by the City.
5. BMPs shall remain in place and be maintained by the Contractor until the surface is stabilized. A stablized earth surface is defined as on that is hard surfaced with concrete, asphalt, or the like, or one on which 70% of the grass has germinated on the entire surface.
6. Contractor shall be responsible for maintaining on-site BMPs throughout construction. This includes repair and replacement of damaged, deteriorated, and inffective BMPs. This shall include removal of debris or soil material which has settled on the upstream side of BMP.
7. Failure to use and maintain soil erosion devices is a violation of environmental protection agency law and will subject the contractor to the penalties provided therein.
8. While it is anticipated that this project will disturb less than 1 acre, soil erosion devices are required. Contractor is encouraged to develop a pollution prevention plan for each phase prior to construction.



LEGEND:

- Drop Inlet Protection
- Curb Inlet Protection
- Ditch Check
- Silt Fence
- Erosion Control Berm
- Erosion Control Mat
- Back of Curb Protection

10 0 10

Scale: 1" = 10' Horizontal

Summary of Erosion Control

Item	Install	Maintain	Remove
Construction Entrance (EA)	0	0	0
Silt Fence (LF)	0	0	0
Ditch Check (EA)	0	0	0
Curb Inlet Protection (EA)	3	3	3
Drop Inlet Protection (EA)	0	0	0
Erosion Control Mat (SY)	0	0	0
Back of Curb Protection	0	0	0
Erosion Control Berm (LF)	0	0	0

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CITY OF WICHITA
3RD AND WABASH

EROSION CONTROL PLAN

STORMWATER IMP.

PROJECT NUMBER:
458-2024-085591
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DESIGN: BDC DRAWN: BDC

DATE: January 22, 2025

SHEET 5 OF 8

File: E:\Projects\Wichita 3rd and Wabash Storm (24-09-E890)\Engineering\DWG\EROSION CONTROL PLAN AND DETAILS.dwg

GENERAL NOTES

1. THIS SHEET IS INTENDED TO PROVIDE GUIDELINES AS TO WHAT TYPES OF EROSION CONTROL DEVICES WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS. CONTRACTORS ARE EXPECTED TO BID PROJECTS ACCORDINGLY.

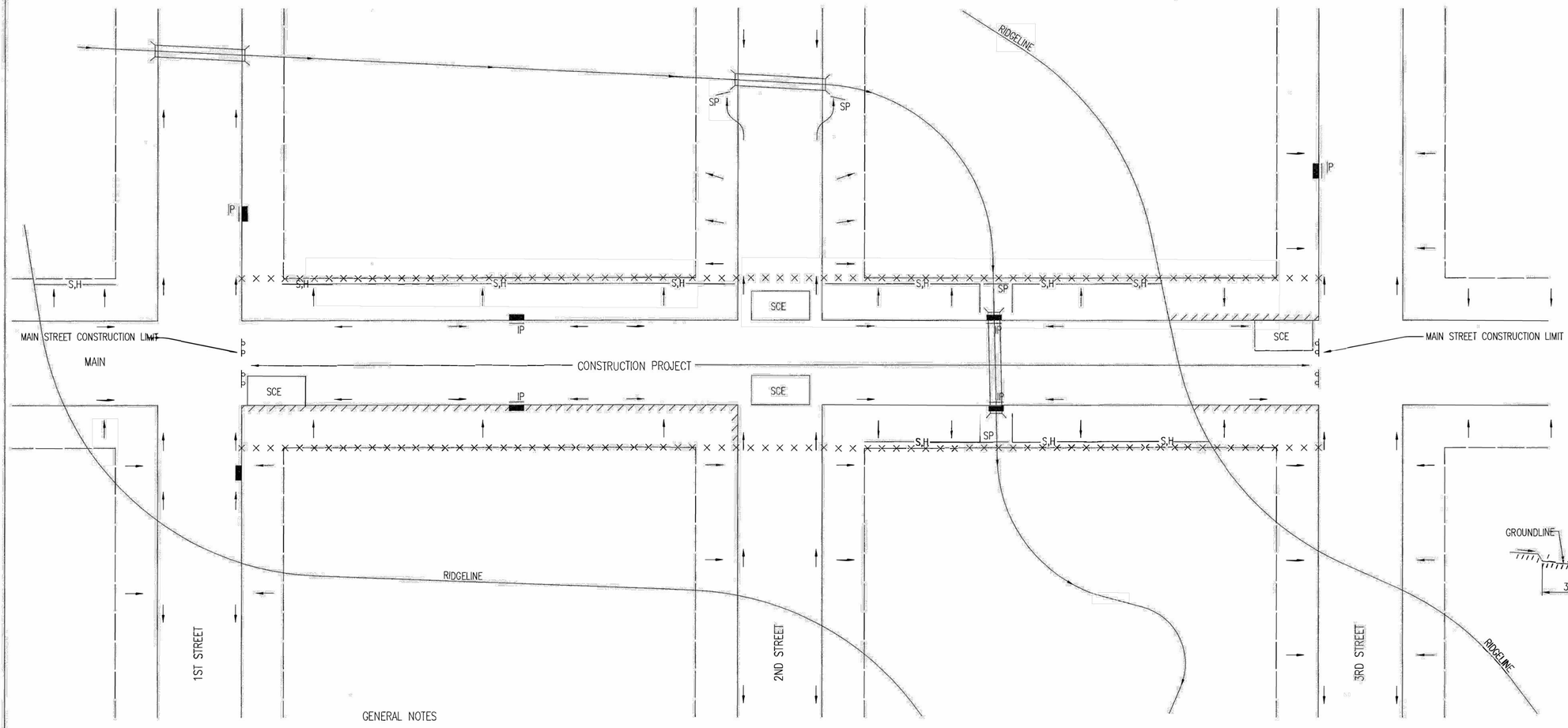
2. EROSION CONTROL DEVICES MUST BE MAINTAINED BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION PROCESS AND UNTIL THE DISTURBED EARTH IS RESTABILIZED.

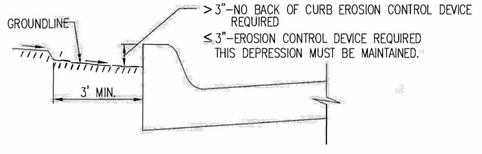
3. IF THE PROJECT WILL DISTURB 1 ACRE OR MORE, A FEDERAL/STATE NPDES STORMWATER PERMIT IS REQUIRED. A DETAILED STORMWATER POLLUTION PREVENTION PLAN, IS REQUIRED. THE EROSION CONTROL DEVICES SHOWN ON THIS SHEET ARE CONSIDERED TO BE THE MINIMUM TO BE SHOWN IN THE POLLUTION PREVENTION PLAN.

4. FOR PROJECTS DISTURBING LESS THAN 1 ACRE, CONTRACTORS ARE ENCOURAGED TO PREPARE STORMWATER POLLUTION PREVENTION PLANS PRIOR TO CONSTRUCTION. EROSION CONTROL DEVICES MUST BE USED ON ALL PROJECTS.

5. FAILURE TO USE AND MAINTAIN EROSION CONTROL DEVICES IS A VIOLATION OF SECTION 16.32 OF THE CITY CODE AND WILL SUBJECT THE CONTRACTOR TO THE PENALTIES PROVIDED FOR THEREIN.

6. THE APPLICATION OF EROSION CONTROL DEVICES SHOWN ON THIS SHEET IS FOR SITUATIONS NORMALLY ENCOUNTERED. FROM TIME TO TIME, SITUATIONS WILL ARISE THAT MAY REQUIRE A DIFFERENT DEVICE OTHER THAN THOSE SHOWN. EROSION CONTROL DEVICES, OTHER THAN THOSE SHOWN, MAY BE UTILIZED AS LONG AS THEY ARE EFFECTIVE AND MAINTAINED.





CURB BACKFILL DETAIL

THIS IS A TEMPORARY MEASURE ONLY, WHEN APPROVED BY THE PROJECT ENGINEER. THE DIRT GRADE BEHIND THE CURB SHALL BE BROUGHT TO THE TOP OF CURB, WITH TEMPORARY EROSION CONTROL MAT OR PERMANENT VEGETATION PLACED, PRIOR TO THE COMPLETION OF ALL PROJECTS.

LEGEND

———	R–O–W LIMITS
—→—	DRAINAGE FLOW PATH
× × × × ×	R/W LIMIT WITHIN CONSTRUCTION LIMIT
▬	STORM WATER INLETS
IP	INLET PROTECTION
——S,H——	SILT FENCE OR HAY BALE BARRIER
SP	STREAM PROTECTION
SCE	STABILIZED CONSTRUCTION ENTRANCE
//////	BACK OF CURB PROTECTION

GENERAL NOTES

1. THE INTENT OF ALL EROSION CONTROL DEVICES IS TO KEEP ALL SEDIMENT CONFINED TO THE CONSTRUCTION SITE, AND OUT OF ALL UNDERGROUND PIPES, DITCHES, LAKES, AND OTHER DRAINAGE FACILITIES, AND OFF OF STREETS.

2. THE POINT OF COMPLIANCE IS GENERALLY THE RIGHT–OF–WAY LINES WITHIN THE LIMITS OF CONSTRUCTION.

3. EROSION CONTROL DEVICES WILL BE REQUIRED AT ALL POINTS ALONG THE PROJECT WHERE DISTURBED EARTH CAN DRAIN ONTO PRIVATE PROPERTY.

4. INLET PROTECTION DEVICES WILL BE REQUIRED WHEREVER WATER CAN DRAIN OFF THE PROJECT SITE INTO AN INLET, INCLUDING ANY SIDE STREET INLETS.

5. EROSION CONTROL DEVICES SHALL BE INSTALLED AT CREEK CROSSINGS SO AS TO PREVENT SEDIMENT FROM ENTERING THEREIN.

6. STABILIZED CONSTRUCTION ENTRANCES SHALL BE PROVIDED, AS NEEDED, TO PREVENT MUD FROM TRACKING ONTO STREETS NOT UNDER CONSTRUCTION AND ON STREETS WITHIN THE PROJECT LIMITS IF TRAFFIC IS BEING MAINTAINED THROUGH THE PROJECT.

7. ANY MUD TRACKED ONTO STREETS MUST BE REMOVED AT THE END OF EACH WORK DAY.

8. THE CONTACTOR WILL BE REQUIRED TO PLACE EROSION CONTROL DEVICES BACK OF CURB, WHENEVER WATER CAN DRAIN OVER CURB, TO KEEP ERODED SOIL OUT OF THE GUTTERLINES, IN ACCORDANCE WITH THE FOLLOWING:
   A. THE DEVICE REQUIRED WILL BE APPROVED EROSION CONTROL MAT LISTED ON THE CITY'S APPROVED MATERIAL LIST. SAID BLANKET SHALL BE PLACED OVER THE APPROPRIATE SEED AND FERTILIZER, AS SPECIFIED IN THE PROJECT SPECIFICATIONS. (SEE SOIL EROSION BMPs – BACK OF CURB SEDIMENT BARRIER DETAILS)
   B. THIS DEVICE SHALL BE INSTALLED IMMEDIATELY WHENEVER THE CURB IS BACKFILLED TO WITHIN 3" OF THE TOP OF CURB. (SEE CURB BACKFILL DETAIL) OTHER BMP'S MAY BE REQUIRED AT LOCATIONS WHERE CONCENTRATED FLOW CARRIES SEDIMENT OVER THE CURB.
   C. ADDITIONALLY, OTHER EROSION CONTROL DEVICES (HAY BALES, SILT FENCE, ETC.) WILL BE INSTALLED AT LOCATIONS OF CONCENTRATED FLOW RESULTING IN SEDIMENT OVERRUNNING THE MAT.
   D. SHOULD THE PROJECT PLANS SPECIFY THAT THE RIGHT–OF–WAY IS TO BE SODDED, THE EXCELSIOR MAT WILL NOT BE REQUIRED SO LONG AS THE SOD IS PLACED WITHIN 48 HOURS AFTER CURB BACKFILL REACHES A HEIGHT OF 3" OR LESS FROM TOP OF CURB. (SEE CURB BACKFILL DETAIL)

GARY L. JANZEN LICENSED 16294 KANSAS PROFESSIONAL ENGINEER
06/05/15

REVISION: JUNE 2015

CITY OF WICHITA

PUBLIC WORKS & UTILITIES ENGINEERING DIVISION

STREET IMPROVEMENT PROJECTS

CITY ENGINEER
GARY JANZEN, P.E.

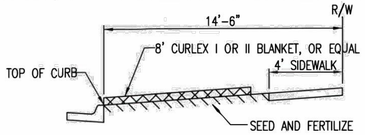
PROJECT NUMBER	OCA NUMBER	DATE
458-2024-085591 24-09-E890	XXXXXXXX	1/22/25

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268 4501

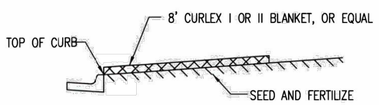
SHEET 6

SW-504

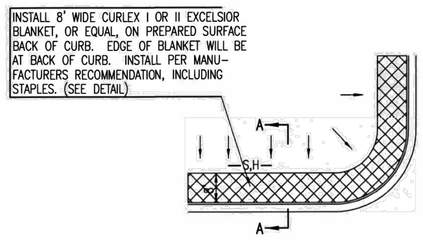
E:\Projects\Wichita 3rd and Wabash Storm (24-09-E890)\Engineering\DWG\EROSION CONTROL PLAN AND DETAILS.dwg



SECTION B–B



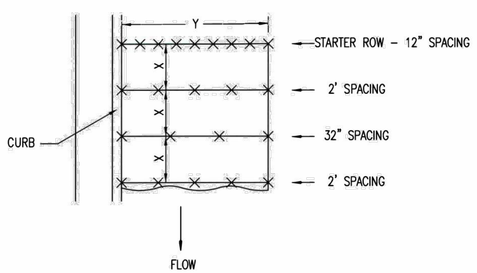
SECTION A–A

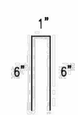


GENERAL NOTES

1. EXCELSIOR MAT TO BE INSTALLED WHEN SOD IS NOT SPECIFIED ON PROJECT.
2. EXCELSIOR BLANKET TO BE INSTALLED OVER SEED AND FERTILIZER, AS SPECIFIED IN THE PROJECT SPECIFICATIONS.
3. AFTER INSTALLATION OF EXCELSIOR BLANKET, AT LOCATIONS WHERE CONCENTRATED FLOW CARRIES SEDIMENT OVER THE CURB AND INTO THE GUTTER, SUPPLEMENTAL EROSION CONTROL DEVICES WILL BE INSTALLED BY THE CONTRACTOR AS NEEDED, TO FIX THE PROBLEM.

BACK OF CURB PROTECTION DETAIL



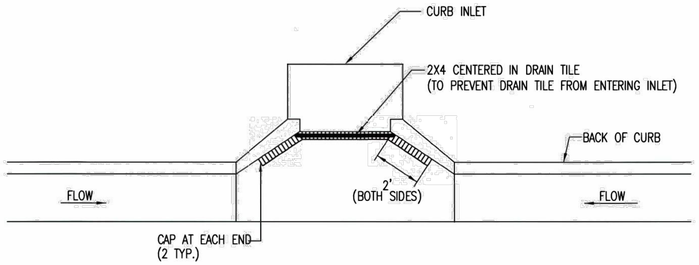


STAPLE

STAPLE PATTERN

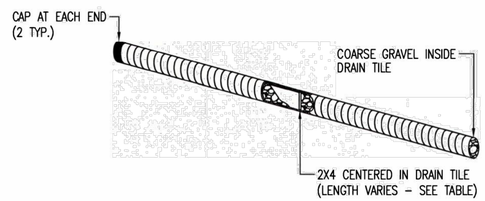
NOTES: USE 6" SEAM OVERLAP
(X & Y = RECOMMENDED BY MANUFACTURE)

DETAILS FOR APPROVED EROSION CONTROL MAT

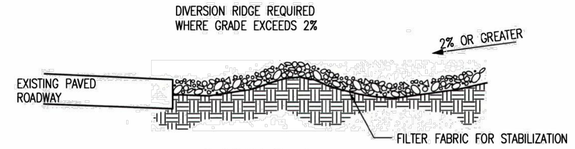


NOTE:
PLACE 4" PERFORATED PVC PIPE, FILLED WITH 1/2"–1" DIA. GRAVEL, IN FRONT OF CURB INLET AS SHOWN.

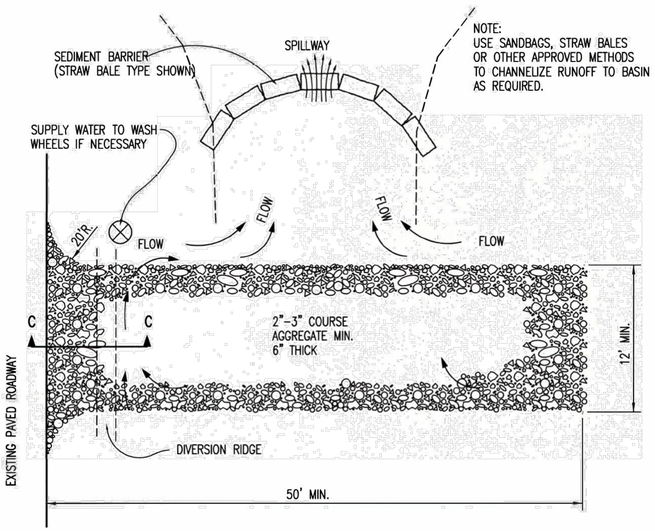
2X4 LENGTH	INLET TYPE	INLET OPENING
5'-6"	1-A	5'-0"
10'-6"	1-A	10'-0"
15'-6"	1-A	15'-0"



CURB INLET PROTECTION
4" PERFORATED PIPE W/ GRAVEL



SECTION C–C



STABILIZED CONSTRUCTION ENTRANCE

GENERAL NOTES

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN, AS SHOWN ABOVE.
4. DRIVE ENTRANCES ONTO RESIDENTIAL LOTS WILL NOT BE REQUIRED TO HAVE THE SEDIMENT BARRIER SHOWN, BUT WHEEL WASHING MAY BE REQUIRED IF STABILIZED ENTRANCE IS NOT SUFFICIENT TO KEEP MUD FROM BEING TRACKED ONTO ADJACENT STREET. ENTRANCE SHALL EXTEND FROM BACK OF CURB TO DWELLING.

REVISION DATE: MAY 2013

CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

BACK OF CURB PROTECTION, CURB INLET PROTECTION AND CONSTRUCTION ENTRANCE

CITY ENGINEER
GARY JANZEN, P.E.

PROJECT NUMBER	OCA NUMBER	DATE
458-2024-085591 24-09-E890	XXXXXXXX	1/22/25

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET 7

SW-501

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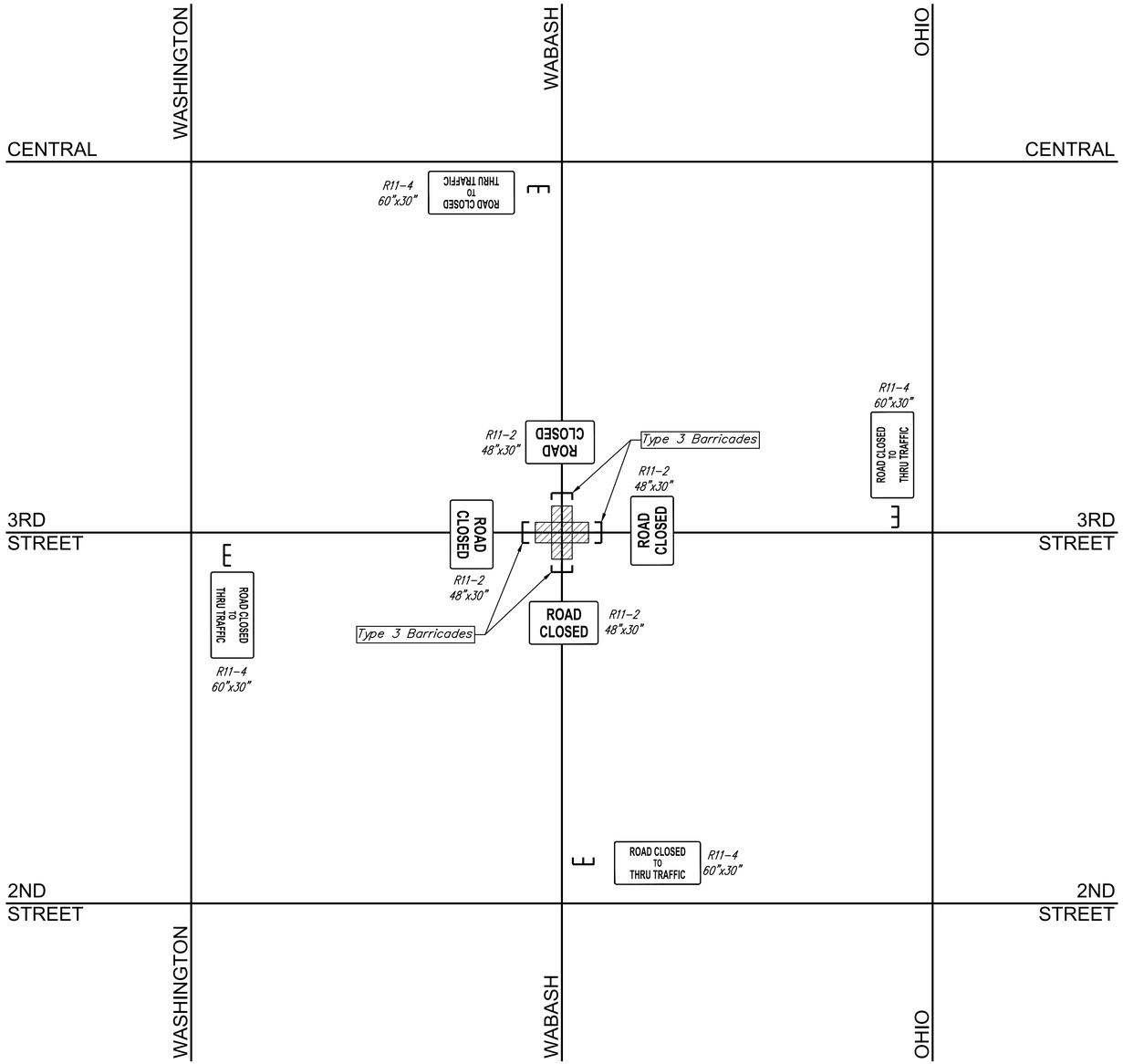
GENERAL NOTES:

1. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Department of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be included in the Lump Sum Bid Item "Traffic Control".
2. Minimum Lane Width shall be 11' (measured between centerline of pavement markings or channelizers) or as shown on the plans, or as directed by the Engineer. A lane width of less than 11' may require restricted roadway width signing.
3. Existing signs not shown at these junctions shall remain in place unless otherwise directed by the engineer
4. Existing sign posts should not be disturbed. Any signs needed for detour should be placed along side of existing sign posts, with it's own post.
5. Contractor shall erect Sidewalk Closed and Sidewalk Closed Ahead signs on Type II barricades, when pedestrian sidewalks are located inside the Contractor's Work Zone. These Signs and barricades shall be considered SUBSIDIARY to the Bid Item "Traffic Control".



TEMPORARY TRAFFIC CONTROL

Not to Scale

LEGEND:

- Direction of Traffic Flow
- Channelizing Device
- Type 3 Barricade
- Pedestrian Channelizer
- Temp Traffic Sign
- Work Zone

BRENT CHESNUT LICENSED 23419 01/24/2025 KANSAS PROFESSIONAL ENGINEER

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315 Ellis St.
Wichita, KS 67211
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BaughmanCo.com

CITY OF WICHITA
3RD AND WABASH

TRAFFIC CONTROL PLAN

STORMWATER IMP.

PROJECT NUMBER:
458-2024-085591
24-09-E890

DESIGN: BDC DRAWN: BDC

DATE: January 22, 2025

SHEET 8 OF 8

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