CITY OF JOLIET

2024

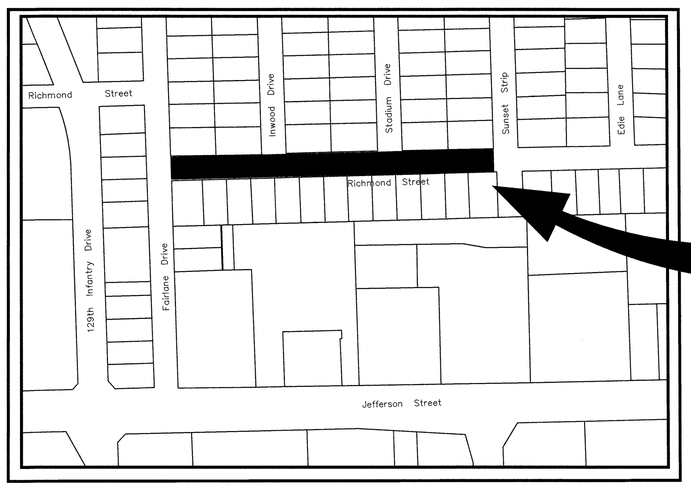
ROADWAY IMPROVEMENTS

Richmond St (Fairlane – Sunset Strip)

INDEX OF SHEETS

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3. TYPICAL SECTION SHEET
4. PLAN and PROFILE
5. PLAN and PROFILE
6. CROSS SECTIONS
7. CROSS SECTIONS
8. CROSS SECTIONS
9. GENERAL NOTES and LEGEND

JOLIET TOWNSHIP, W 1/2, SE 1/4, SECTION 12



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W E
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MFT SEC: 24-00565-00-FP

WARNING !!!

CALL JULIE TOLLFREE 1-800-892-0123

CALL BEFORE YOU DIG

CITY OF JOLIET UTILITY INFORMATION 724–4220

CITY OF JOLIET
DEPARTMENT OF PUBLIC WORKS
150 W. JEFFERSON STREET
JOLIET, ILLINOIS 60431
(815)–724–4200

TRAFFIC DATA
RICHARD STREET 2023 ADT = 306
SPEED LIMIT = 25 MPH

DESIGNED & PREPARED BY:

MARK S. SEFCIK

Mark S. Sefcik

CIVIL ENGINEER

SEAN W. MIKOS 062-063576 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

Date Sealed 4/24/2024

Date Expired 11/30/2025

APPROVED BY:
CITY OF JOLIET
DEPARTMENT OF PUBLIC WORKS
SEAN MIKOS, P.E.

DEPUTY DIRECTOR OF PUBLIC WORKS

DATE: Oct 2023

REVISIONS

No.	DATE	DESCRIPTION	BY
1	XX–XX–XX	PER XXX	XXX
2	XX–XX–XX	PER XXX	XXX
3	XX–XX–XX	PER XXX	XXX
4	XX–XX–XX	PER XXX	XXX
5	XX–XX–XX	PER XXX	XXX
6	XX–XX–XX	PER XXX	XXX
7	XX–XX–XX	PER XXX	XXX
8	XX–XX–XX	PER XXX	XXX
9	XX–XX–XX	PER XXX	XXX
10	XX–XX–XX	PER XXX	XXX

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SUMMARY OF QUANTITIES

RICHMOND STREET (FAIRLANE - SUNSET STRIP) ROADWAY IMPROVEMENT PROJECT - 2024

ITEM NO.	ITEM DESCRIPTION NO.	RICHMOND STREET	QUANTITIES	UNITS
	PROJECT LENGTH:	865	865	LIN FT
1	TREE ROOT SAWING	27	27	EACH
2	PARKWAY EXCAVATION	2000	2000	SQ YD
3	ROADWAY EXCAVATION	1485	1485	CU YD
4	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	1100	1100	CU YD
5	POROUS GRANULAR EMBANKMENT, SPECIAL	1100	1100	CU YD
6	TRENCH BACKFILL	12	12	CU YD
7	SUB-BASE GRANULAR MATERIAL, TYPE C 4"	665	665	SQ YD
8	AGGREGATE BASE COURSE TYPE B 8"	3500	3500	SQ YD
9	PREPERATION OF BASE	3075	3075	SQ YD
10	AGGREGATE BASE REPAIR	50	50	TON
11	STORM SEWERS, TYPE 1 12"	32	32	LIN FT
12	DISCONNECTION OF EXISTING WATER SERVICE LINE	1	1	LP SUM
13	SANITARY SERVICE REPLACEMENT(CASE I)	15	15	LIN FT
14	SANITARY SERVICE REPLACEMENT(CASE II)	15	15	LIN FT
15	CATCH BASIN, TYPE C, TYPE 11 FRAME & GRATE	2	2	EACH
16	MANHOLES, TYPE A, 4' DIA, TYPE 1 FRAME, CLOSED LID	1	1	EACH
17	CATCH BASINS TO BE ADJUSTED	6	6	EACH
18	CATCH BASINS TO BE RELOCATED	4	4	EACH
19	MANHOLES TO BE RECONSTRUCTED	1	1	EACH
20	FRAME AND GRATE TO BE FURNISHED & INSTALLED, TYPE 11	6	6	EACH
21	FRAMES AND LIDS, TYPE 1, CLOSED LID	5	5	EACH
22	COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	1825	1825	LIN FT
23	DRIVEWAY PAVEMENT REMOVAL	375	375	SQ YD
24	COMBINATION CURB & GUTTER REMOVAL	1825	1825	LIN FT
25	SIDEWALK REMOVAL	2650	2650	SQ FT
26	LATE SIDEWALK REMOVAL	500	500	SQ FT
27	HOT MIX ASPHALT REMOVAL AND REPLACEMENT, 4"	9	9	SQ YD
28	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	375	375	SQ YD
29	PORTLAND CEMENT CONCRETE SIDEWALK ,5"	2650	2650	SQ FT
30	DOMESTIC WATER SERVICE BOXES TO BE RELOCATED	2	2	EACH
31	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	19	19	EACH
32	FURNISHING AND PLACING TOPSOIL	2125	2125	SQ YD
33	SODDING	2125	2125	SQ YD
34	TRAFFIC CONTROL AND PROTECTION	1	1	L SUM
35	SAWCUT ASPHALT SURFACE	300	300	LIN FT
36	SAWCUT CONCRETE SURFACE	175	175	LIN FT
37	ASHPALT/CONCRETE SAWING	15	15	LIN FT
38	PROTECTIVE COAT	950	950	SQ YD
39	HOT MIX ASPHALT SURFACE COURSE MIX. D, N50 (IL - 9.5mm); 1 1/2"	275	275	TON
40	HOT MIX ASPHALT BINDER COURSE IL - 19, N50; 2 1/2"	525	525	TON
41	BITUMINOUS MATERIALS (PRIME COAT)	6900	6900	GAL
42	BITUMINOUS MATERIALS (TACK COAT)	690	690	POUND
43	LONGITUNIDAL JOINT SEALANT	900	900	LIN FT
44	BITUMINOUS SURFACE REMOVAL (BUTT JOINT)	140	140	SQ YD
45	TEMPORARY DRIVEWAY ACCESS	40	40	TON
46	HARDWOOD MULCH	27	27	EACH
47	DETECTABLE WARNINGS	160	160	SQ FT
48	EROSION CONTROL	1	1	L SUM
49	STRUCTURE TO BE ADJUSTED	8	8	EACH
50	REMOVAL AND DISPOSAL OF CONTAMINATED MATERIAL	600	600	CU YD
51	STORM SEWERS, PVC SDR 26, 8"	350	350	LIN FT
52	SUMP LINE CONNECTION - VARIOUS SIZES	8	8	EACH
53	CLEAN OUT STRUCTURE	5	5	EACH

2024 ROADWAY IMPROVEMENTS
Richmond St (Fairlane – Sunset Strip)
Summary of Quantities

SCALE: NONE
DATE: 10/30/2023
SHEET 2 OF 9

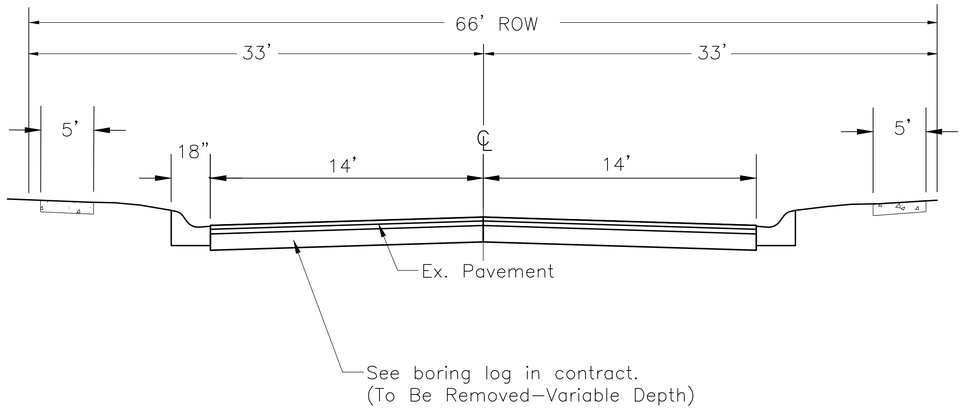
CHECKED BY: GPR
DESIGNED BY: MSS
DRAWN BY: KLK

CITY OF JOLIET
DEPARTMENT OF PUBLIC WORKS
150 W. JEFFERSON STREET, JOLIET, ILLINOIS 60431
(815)-724-4200

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	**AIR VOIDS @ Ndes**
FLEXIBLE DEPTH PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm); 1½ "	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 2½ "	4% @ 50 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5mm)	4% @ 50 Gyr.

THE WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 115 LBS/SQ. YD/IN.

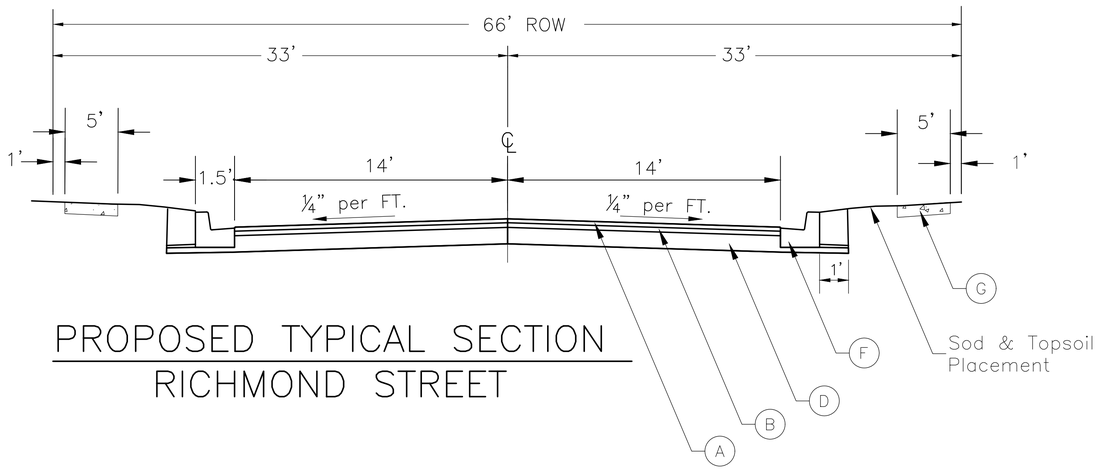
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE " SBS/SBR PG70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



EXISTING SECTION
RICHMOND STREET

TRAFFIC DATA
RICHARD STREET 2023 ADT = 306
SPEED LIMIT = 25 MPH

- (A.) Hot–Mix Asphalt, Surface Course, IL–9.5, Mix "D" NSO, 1.5"
- (B.) Hot–Mix Asphalt, Binder Course, IL–19.0, NSO, 2.5"
- (D.) Subbase Granular Material Type B, 8"CA–06
- (F.) Combination Concrete Curb & Gutter, Type B–6.12
- (G.) Portland Cement Concrete Sidewalk, 5" Thick w/ 10x10 Welded Wire Fabric (W.W.F.) on 4" Aggregate Base, Type B (6" Thick @ Driveways w/ 6" Base)
- (H.) Bituminous Materials (Prime Coat)



PROPOSED TYPICAL SECTION
RICHMOND STREET

2024 ROADWAY IMPROVEMENTS
Richmond St (Fairlane – Sunset Strip)
Typical Sections

SCALE: NONE | DATE: 10/30/2023 | SHEET 3 OF 9

CHECKED BY: GPR | DESIGNED BY: MSS | DRAWN BY: KLK

CITY OF JOLIET
DEPARTMENT OF PUBLIC WORKS
150 W. JEFFERSON STREET, JOLIET, ILLINOIS 60431
(815)–724–4200

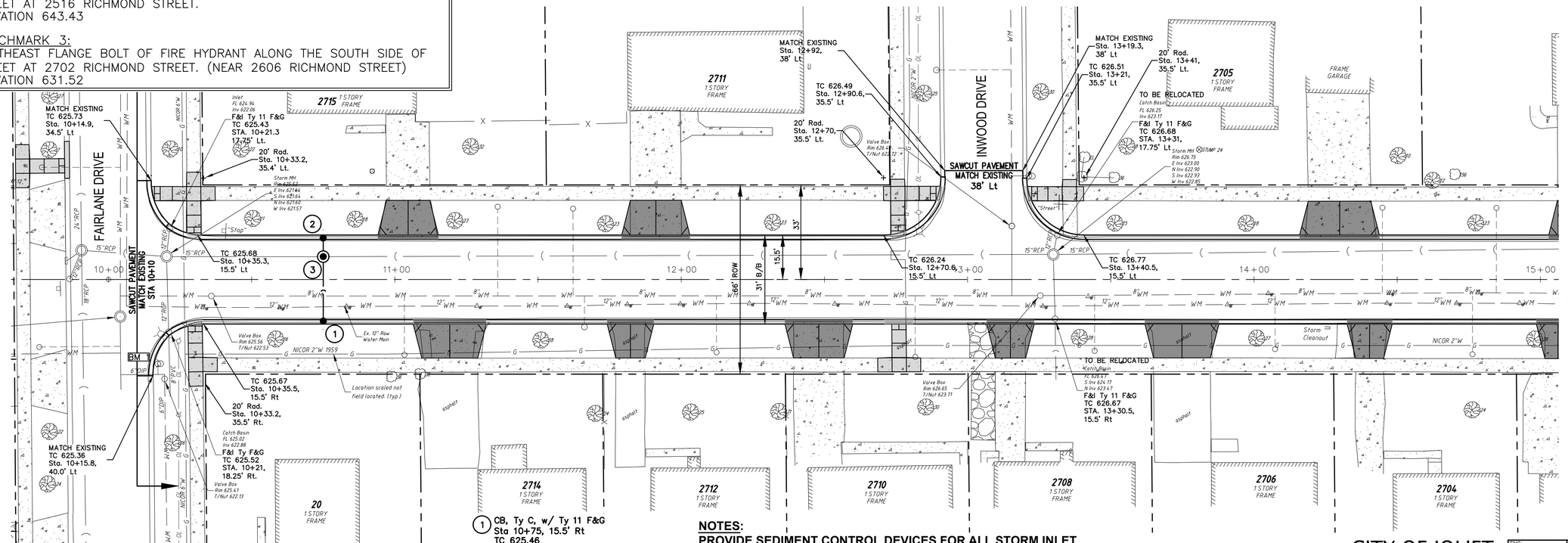
BENCHMARK 1:
SOUTHEAST FLANGE BOLT OF A FIRE HYDRANT AT THE SOUTHEAST CORNER OF RICHMOND STREET AND FAIRLANE DRIVE. (NEAR 20 FAIRLANE DRIVE)
ELEVATION 627.81

BENCHMARK 2:
SOUTHEAST FLANGE BOLT OF FIRE HYDRANT ALONG THE SOUTH SIDE OF STREET AT 2516 RICHMOND STREET.
ELEVATION 643.43

BENCHMARK 3:
SOUTHEAST FLANGE BOLT OF FIRE HYDRANT ALONG THE SOUTH SIDE OF STREET AT 2702 RICHMOND STREET. (NEAR 2606 RICHMOND STREET)
ELEVATION 631.52

(2) CB, Ty C, w/ Ty 11 F&G
Sta 10+75, 15.5' Lt
TC 625.46
S Inv 622.46
8 LF 12" RCP @ 1.0%

(3) MH, Ty A, 4' DIA, w/ Ty 11 F&CL
Sta 10+75, 8' Lt
RIM 625.00
E,W Inv 621.86
N Inv 622.38
S Inv 622.22
CONNECT TO EXISTING 15" SS – INC.



MATCHLINE STA. 15+00

0 20' 40'
SCALE: 1" = 20' HORIZ.
1" = 5' VERT.

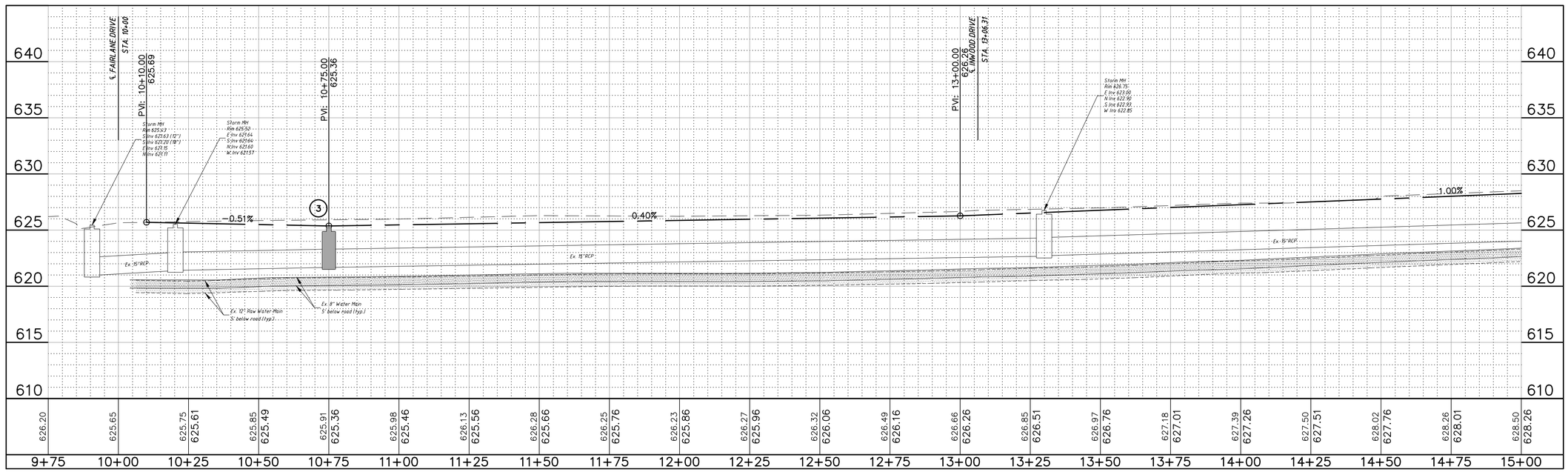
LEGEND
- PCC Sidewalk
- PCC Driveway, 6"
- PCC Driveway, 8"
- Hot Mix Asphalt Driveway Pavement, 3"

(1) CB, Ty C, w/ Ty 11 F&G
Sta 10+75, 15.5' Rt
TC 625.46
S Inv 622.46
24 LF 12" RCP @ 1.0%

NOTES:
PROVIDE SEDIMENT CONTROL DEVICES FOR ALL STORM INLET STRUCTURES WITHIN OR ADJACENT TO PROJECT LIMITS

CITY OF JOLIET

ENG: M.S.S.	RICHMOND STREET
DATE: 10/30/2023	

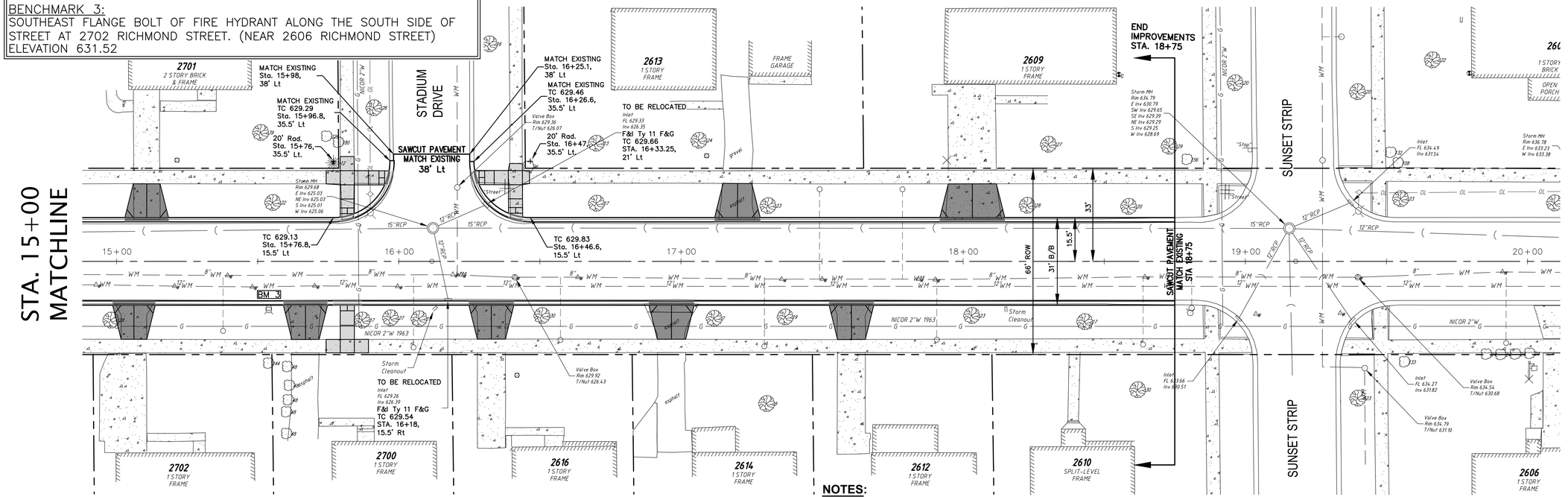


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BENCHMARK 1:
SOUTHEAST FLANGE BOLT OF A FIRE HYDRANT AT THE SOUTHEAST CORNER OF RICHMOND STREET AND FAIRLANE DRIVE. (NEAR 20 FAIRLANE DRIVE)
ELEVATION 627.81

BENCHMARK 2:
SOUTHEAST FLANGE BOLT OF FIRE HYDRANT ALONG THE SOUTH SIDE OF STREET AT 2516 RICHMOND STREET.
ELEVATION 643.43

BENCHMARK 3:
SOUTHEAST FLANGE BOLT OF FIRE HYDRANT ALONG THE SOUTH SIDE OF STREET AT 2702 RICHMOND STREET. (NEAR 2606 RICHMOND STREET)
ELEVATION 631.52



NOTES:
PROVIDE SEDIMENT CONTROL DEVICES FOR ALL STORM INLET STRUCTURES WITHIN OR ADJACENT TO PROJECT LIMITS

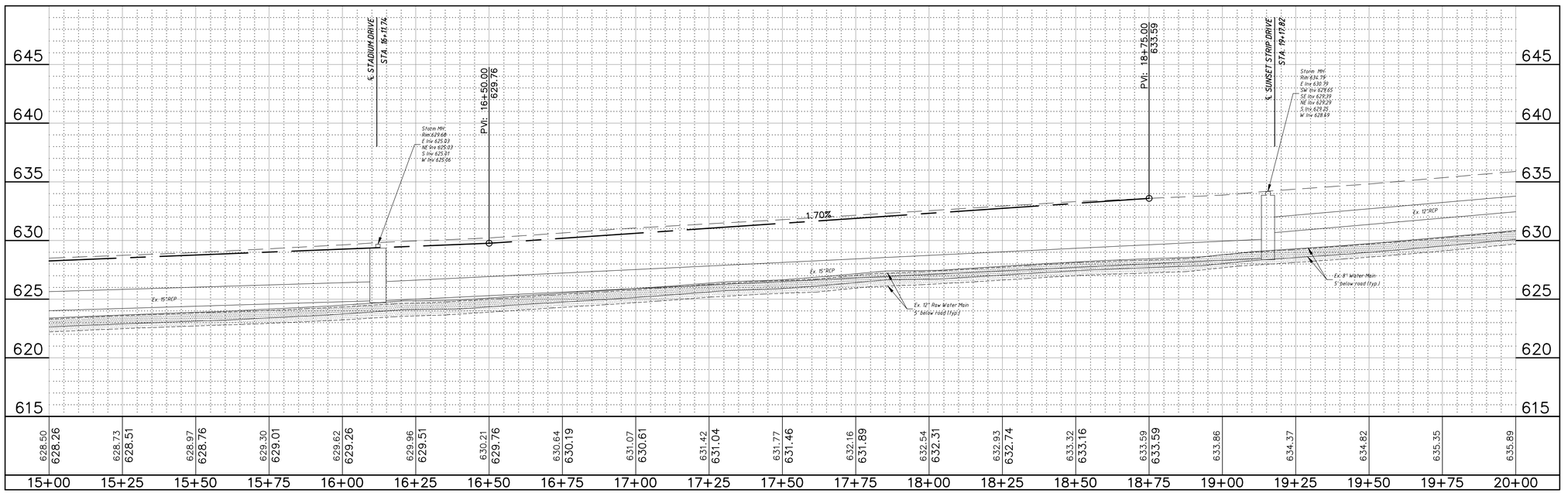
0 20' 40'
SCALE: 1" = 20' HORIZ.
1" = 5' VERT.

LEGEND
- PCC Sidewalk
- PCC Driveway, 6"
- PCC Driveway, 8"
- Hot Mix Asphalt Driveway Pavement, 3"

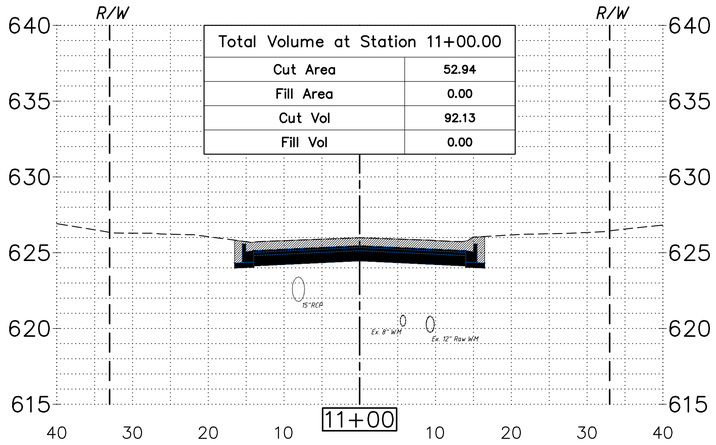
CITY OF JOLIET

ENG:	M.S.S.
DATE:	10/30/2023

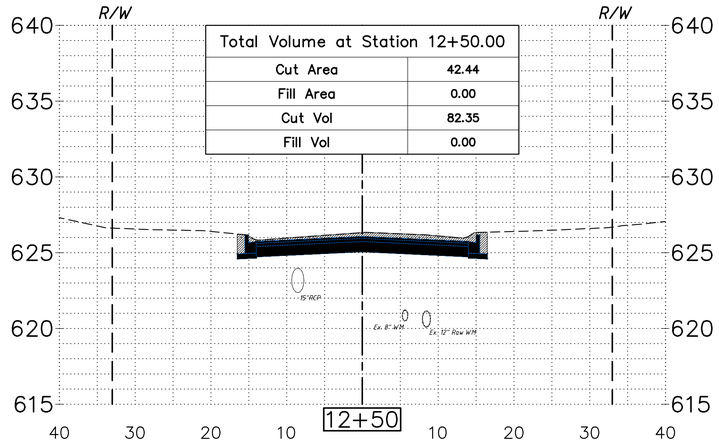
RICHMOND STREET



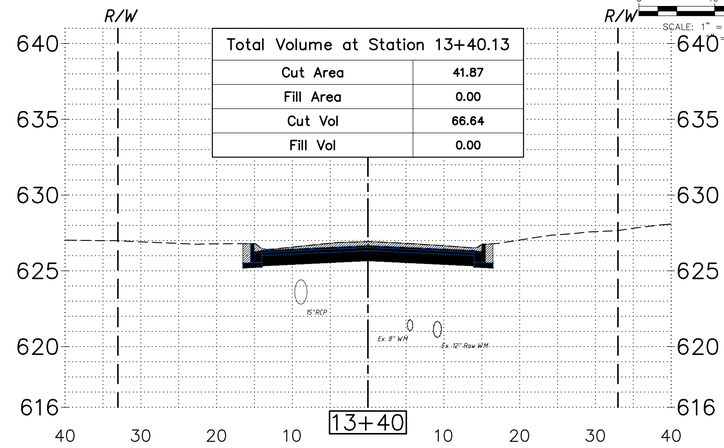
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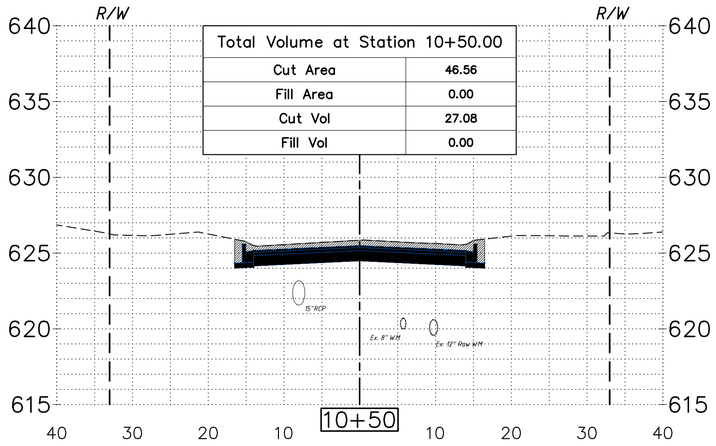
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Fill Vol	0.00



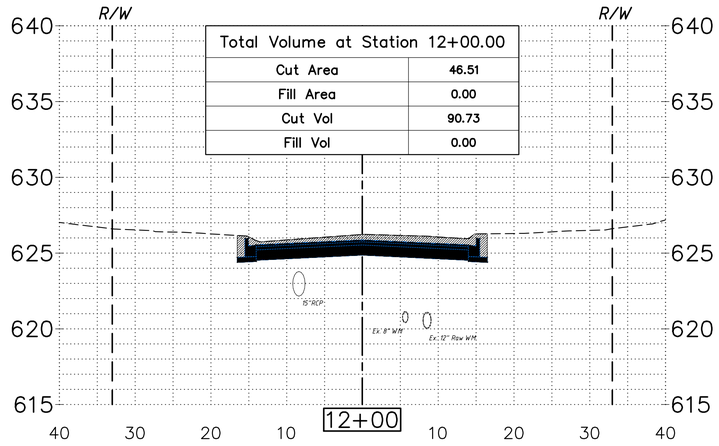
Total Volume at Station 12+50.00	
Cut Area	42.44
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Cut Vol	82.35
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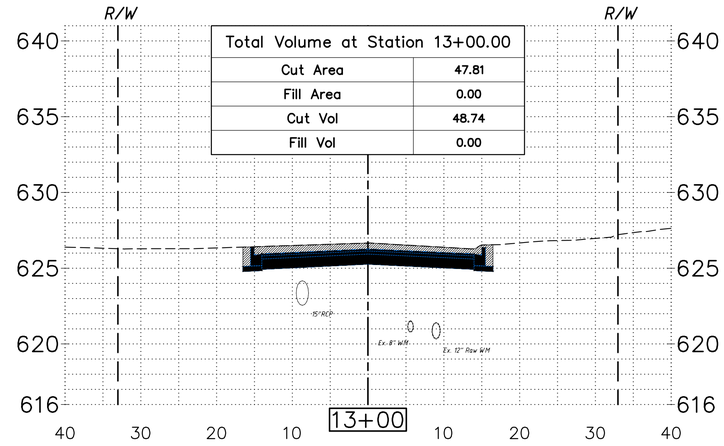
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Fill Area	0.00
Cut Vol	66.64
Fill Vol	0.00



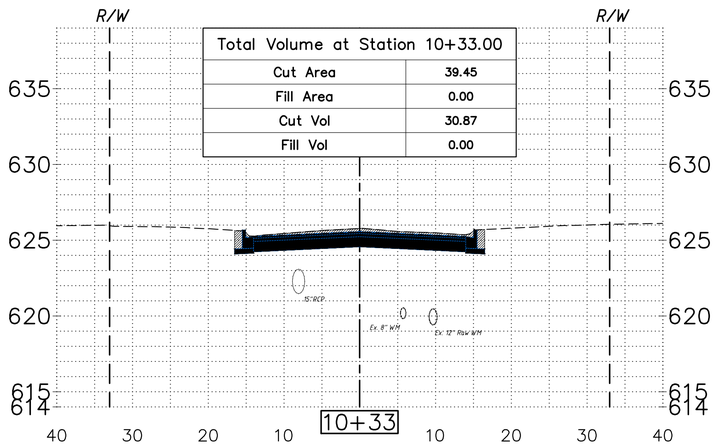
Total Volume at Station 10+50.00	
Cut Area	46.56
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Cut Vol	27.08
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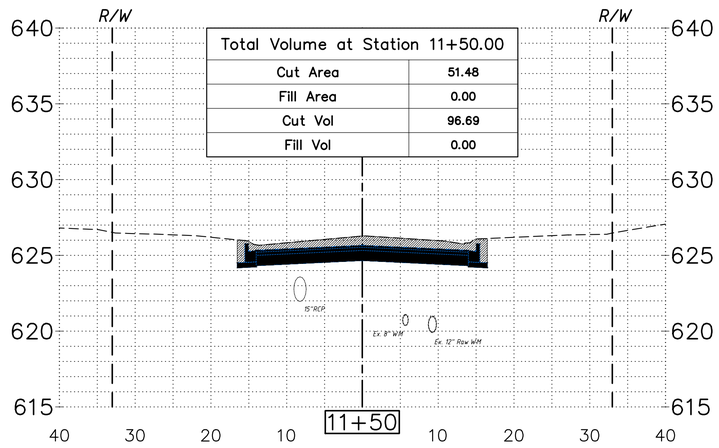
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Cut Area	46.51
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Cut Vol	90.73
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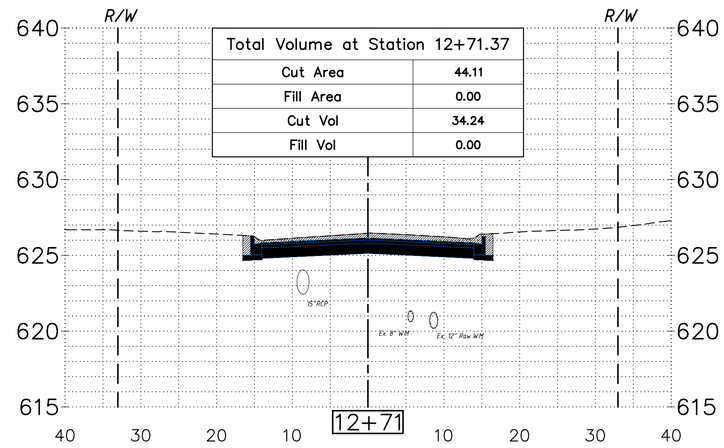
Total Volume at Station 13+00.00	
Cut Area	47.81
Fill Area	0.00
Cut Vol	48.74
Fill Vol	0.00



Total Volume at Station 10+33.00	
Cut Area	39.45
Fill Area	0.00
Cut Vol	30.87
Fill Vol	0.00



Total Volume at Station 11+50.00	
Cut Area	51.48
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Cut Vol	96.69
Fill Vol	0.00



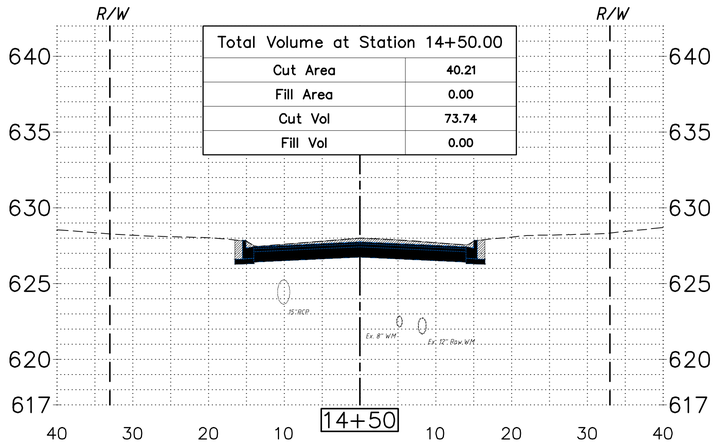
Total Volume at Station 12+71.37	
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Cut Vol	34.24
Fill Vol	0.00

CITY OF JOLIET

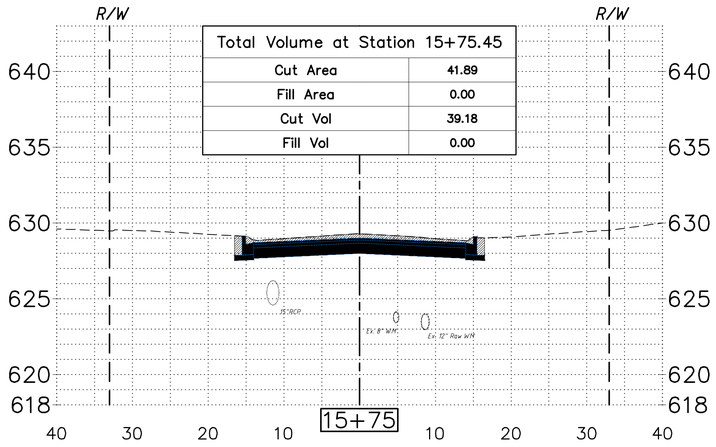
ENG: M.S.S.	RICHMOND STREET
DATE: 10/30/2023	

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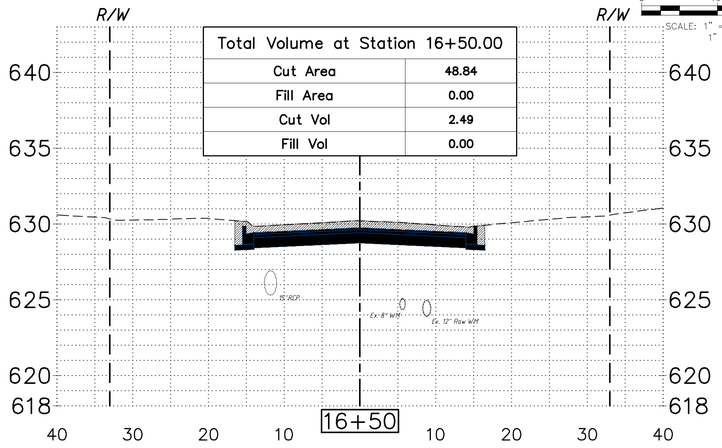
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1" = 5' VERT.



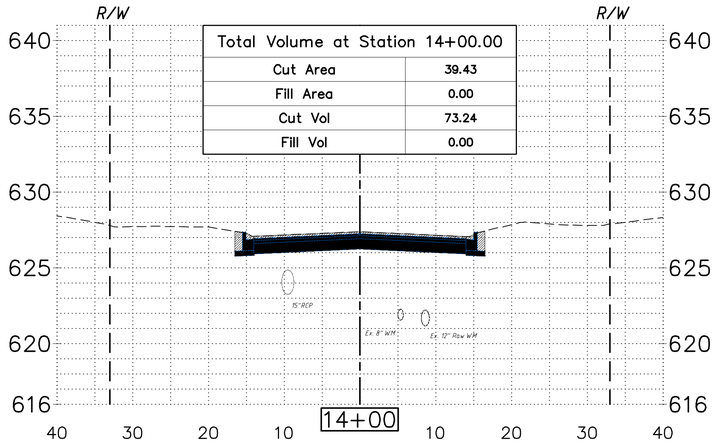
Total Volume at Station 14+50.00	
Cut Area	40.21
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Cut Vol	73.74
Fill Vol	0.00



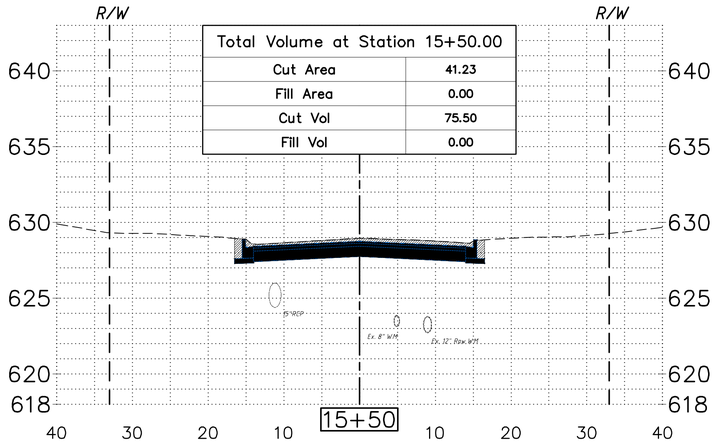
Total Volume at Station 15+75.45	
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Cut Vol	39.18
Fill Vol	0.00



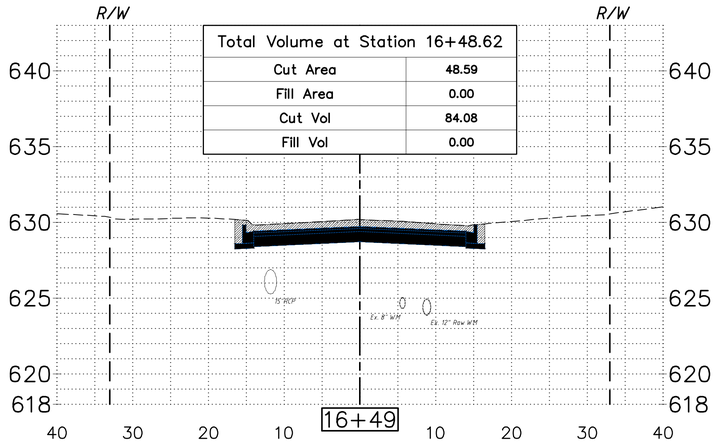
Total Volume at Station 16+50.00	
Cut Area	48.84
Fill Area	0.00
Cut Vol	2.49
Fill Vol	0.00



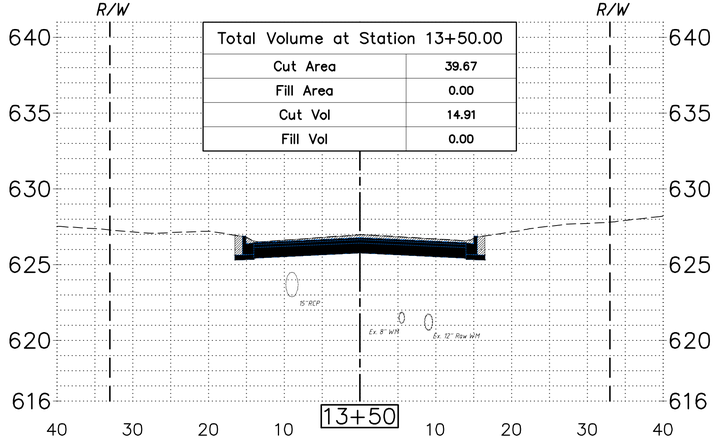
Total Volume at Station 14+00.00	
Cut Area	39.43
Fill Area	0.00
Cut Vol	73.24
Fill Vol	0.00



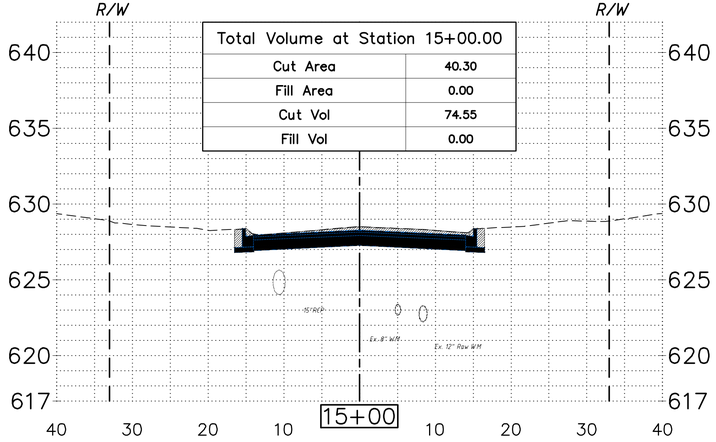
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Fill Area	0.00
Cut Vol	75.50
Fill Vol	0.00



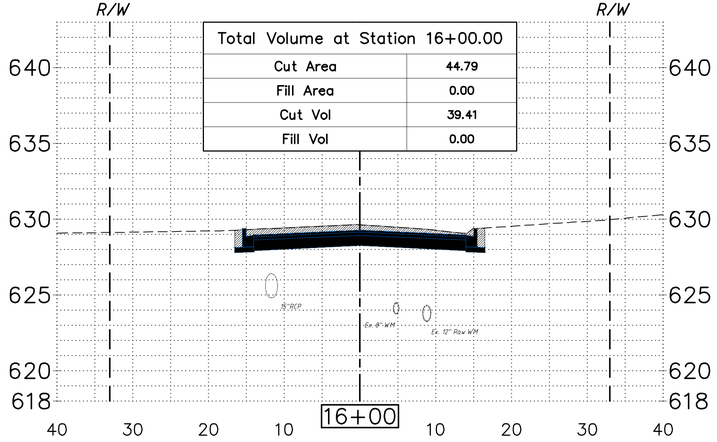
Total Volume at Station 16+48.62	
Cut Area	48.59
Fill Area	0.00
Cut Vol	84.08
Fill Vol	0.00



Total Volume at Station 13+50.00	
Cut Area	39.67
Fill Area	0.00
Cut Vol	14.91
Fill Vol	0.00



Total Volume at Station 15+00.00	
Cut Area	40.30
Fill Area	0.00
Cut Vol	74.55
Fill Vol	0.00

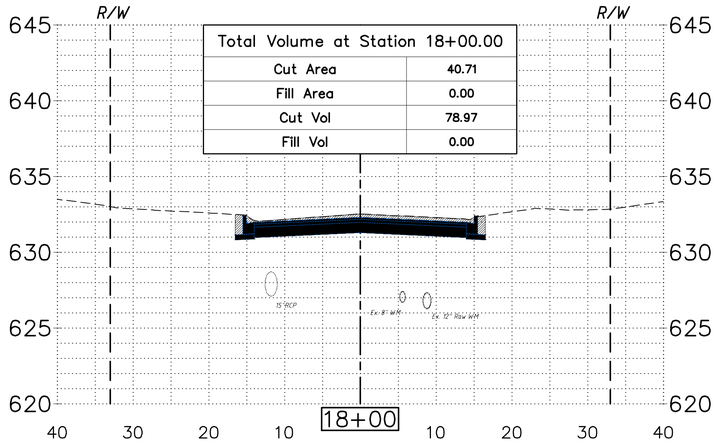


Total Volume at Station 16+00.00	
Cut Area	44.79
Fill Area	0.00
Cut Vol	39.41
Fill Vol	0.00

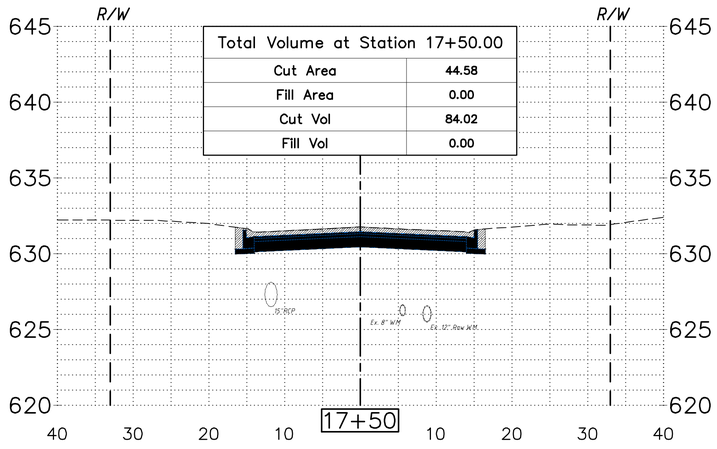
CITY OF JOLIET

ENG: M.S.S.	RICHMOND STREET
DATE: 10/30/2023	

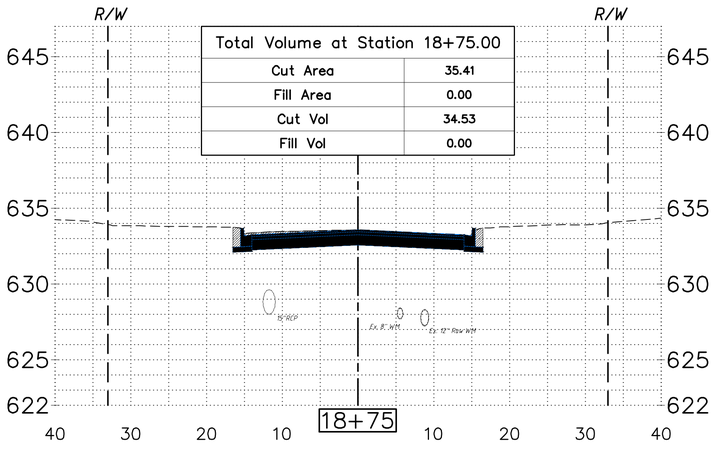
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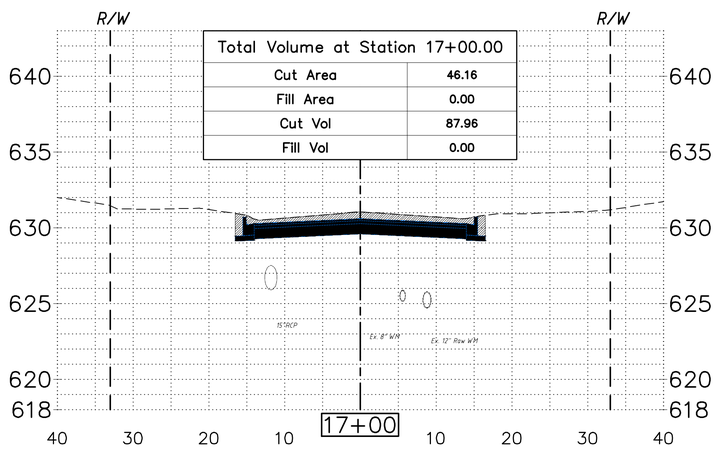
Total Volume at Station 18+00.00	
Cut Area	40.71
Fill Area	0.00
Cut Vol	78.97
Fill Vol	0.00



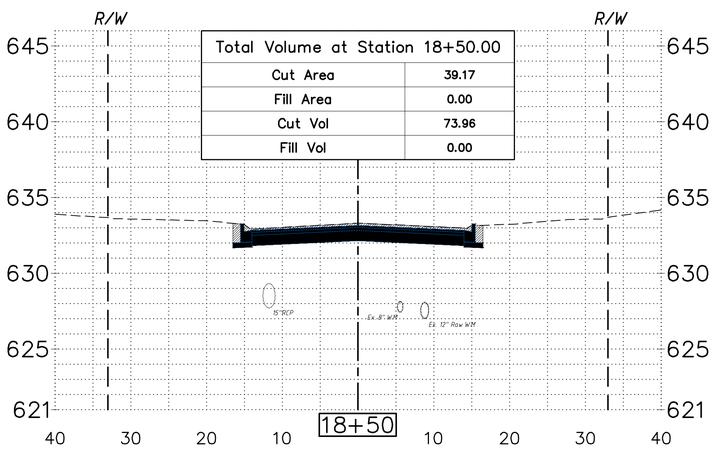
Total Volume at Station 17+50.00	
Cut Area	44.58
Fill Area	0.00
Cut Vol	84.02
Fill Vol	0.00



Total Volume at Station 18+75.00	
Cut Area	35.41
Fill Area	0.00
Cut Vol	34.53
Fill Vol	0.00



Total Volume at Station 17+00.00	
Cut Area	46.16
Fill Area	0.00
Cut Vol	87.96
Fill Vol	0.00



Total Volume at Station 18+50.00	
Cut Area	39.17
Fill Area	0.00
Cut Vol	73.96
Fill Vol	0.00

0 10' 20'
SCALE: 1" = 10' HORIZ.
1" = 5' VERT.

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CITY OF JOLIET | ENG: M.S.S. | DATE: 10/30/2023 | RICHMOND STREET | SHEET 8

GENERAL NOTES

1. The cost of any labor or materials necessary in connecting existing drain tiles or storm sewer to proposed drainage structures, or in connecting proposed storm sewers to existing drainage structures shall be considered incidental to the proposed drainage structures or storm sewers.

2. The location of underground utilities on the plans represents the best knowledge of the City and the indicated adjustments or reconstructions are considered to be reasonably accurate. It shall be the Contractor's responsibility, as detailed in Section 107.39 of the Standard Specifications, to verify locations of underground utilities before starting construction operations. The Contractor shall indemnify the City, its Officers and employees against all claims due to damage to corporate or private property resulting from his construction operations as described in Articles 107.20 and 107.26 of the Standard Specifications. The Contractor shall make his own investigation to determine the existence, nature and location of all utility lines and appurtenances within the limits of improvements. The Contractor will be responsible for performing exploratory excavation to expose any underground utility – including services – with a City representative present and identifying all possible utility conflicts within the proposed public improvement prior to excavating for the roadway. The Contractor shall backfill these exploratory excavation sites with trench backfill and shall maintain the roadway until all the identified utility conflicts are resolved. The cost of the exploratory excavation for underground utilities shall be considered incidental to the contract. No other compensation shall be allowed for this work. The Contractor will be required to cooperate with all Contractors, Utility companies, and the City of Joliet, involved with the removal, temporary relocation, reconstruction, or abandonment by these agencies of any and all services or facilities owned or operated by them within the limits of the improvement. Before doing any work which will damage, disturb, or leave unsupported or unprotected any utility lines encountered, the Contractor shall notify the respective owner thereof, who will make arrangements for relocating, adjusting, or otherwise maintaining or abandoning services or lines that fall within the limits of the proposed construction without cost to the Contractor, including the removal of cables, manhole covers, and other appurtenances which the owner desires to salvage. After such arrangements have been made, the Contractor will proceed with the work as directed by the Engineer. No extra compensation will be allowed the Contractor for any expenses incurred by complying with these requirements, or because of delays, inconvenience, or interruptions in his work resulting from the failure of any City or Utility Company to remove, relocate, reconstruct, or abandon their services when required by the Contractor's operations. An extension of time may be granted to the extent the Contractor's operations were affected. The Contractor shall be responsible for coordinating his work with that of these agencies as to ensure that this improvement is not delayed because of necessary changes in the existing utilities, public or private.
   The Contractor shall take whatever precautions which may be necessary to protect the property of various utilities which may be located underground or above ground, at or adjacent to the site of this improvement. The contractor will be required to repair or replace at his own expense, or bear the cost of having the utility repair or replace any public/private utility which has been damaged through his efforts. The procedure and specifications of repair will be in accordance with the regulations and/or policy of the utility. The Utility shall be given notice by the Contractor to locate and identify all of their installations at the site of this improvement so that this improvement is not delayed because of necessary changes in the existing utilities, public or private.

3. The Contractor shall proceed with caution for any excavation and preparation of the trench so that the exact location of underground structures may be determined. Prior to proceeding with any excavation, the contractor shall contact all utility companies in the area to aid in locating their underground services.
   The Contractor shall contact the involved utility companies not less than 48 hours prior to beginning construction. The majority of these utilities may be be contacted through J.U.L.I.E. at (800) 892–0123. In addition, the Contractor shall be responsible to contact the City of Joliet Utilities 48 hours prior to beginning the construction at (815)724–4220. It shall remain the Contractor's responsibility to contact all utilities.
   The Contractor shall take all reasonable precautions against damage to existing utilities. However, in the event of a break in an existing watermain, gas main, sewer, or underground cable, he shall immediately notify the responsible official of the organization operating the utility interrupted. The Contractor shall lend all possible assistance in restoring services and shall assume all cost, charges, and claims connected with the interruption and repair of such services.
   Privately owned utilities requiring adjustment will be adjusted by the utility company involved. No additional compensation will be allowed for any delays or inconveniences caused the Contractor due to said adjustments.

4. Trench backfill must be provided under all roadway surfaces and driveways and as directed by the Engineer.

5. Existing sidewalk, pavement, driveway pavement and curb and gutter damage due to the Contractor's operations shall be replaced at the expense of the Contractor.

6. For all manholes, catch basins, and inlets, the distance shown on the plans is from the baseline to the center of the structure, except structures in the curb line where the distance is shown to the back of curb.

7. All existing valve vaults and manholes indicated on the plans or as directed by the Engineer shall be covered with a Contractor–supplied steel plate at all times during construction. Upon preparation for binder course, the frame shall be installed to the surface elevation as shown on the plans or as directed by the Engineer and set in concrete according to the Standard Specifications.

8. This project is to be built according to the City of Joliet Special Provisions and General Conditions adopted Jan 1, 2013 unless otherwise stated in the contract documents.

9. Where section or sub–section monuments are encountered, the Engineer shall be notified before such monuments are removed. The Contractor shall protect and carefully preserve all property markers and monuments until the owner and an authorized surveyor or agent has witnessed or otherwise referenced their location. However, if damaged irons occur, it is the responsibility of the Contractor to restore the marker per Registered Land Surveyor at his own expense.

10. It shall be the responsibility of the Contractor to construct each inlet or catch basin at the proper location so that the frame or grate matches the curb line as shown in the applicable Standard.

11. All proposed manholes, catch basins and inlets shall be fabricated to include no less than four (4) inches of adjusting rings to meet the required grade.

12. The cost of the removal and disposal of the asphalt shall be considered incidental to roadway excavation.

13. All top of curb (TOC) elevations, excluding depressed curb, are 0.1' above the listed C/L elevations unless otherwise noted.

14. All structure rim elevations located in the curb line are top of curb elevations unless otherwise noted.

15. All grassed areas disturbed during construction operations shall be seeded or sodded in accordance with sections 642 and 644 of the Standard Specifications, as indicated in the plans.

16. Quantities for adjusting sanitary sewer services and water service lines have been added to the summary of quantities and the contract to provide a unit price bid for the item, and are to be used only if field conditions require their use, as approved by Engineer.

17. The Contractor shall protect existing or new utilities by methods approved by the Engineer, and he shall brace and support the utilities properly to prevent settlement, displacement, or damage to the utilities. The protection of the utilities as specified herein, will not be paid for separately, but shall be considered incidental to the contract.

18. Existing street signs, markers stop signs, and all other roadway signs shall be removed and reset by the Contractor as per current MUTCD standards and as directed by the Engineer. This work will not be paid for directly, but shall be considered incidental to the contract. Signs and posts damaged by the contractor shall be replaced by him at his own expense.

19. Sidewalk ramps for the handicapped shall be constructed at locations where existing or proposed sidewalks abut the street returns within the limits of this improvement in accordance with Highway Standard 424001–07 of the State of Illinois. This work will not be paid for separately, but shall be considered incidental to the proposed sidewalk.

20. Timeliness of work: The contractor shall perform all work in a timely, orderly, and diligent manner. The Contractor shall cooperate with and conform to the request of the City to expedite particular portions of the work insofar as to complete certain phases of work in a timely manner. Work shall be completed within the timeframe as outlined in the Supplemental Special – WORKING DAYS (BDE) 80071. Contractor shall submit a PROJECT SCHEDULE showing coordination of sub–contractors and sequencing of work. Construction of the concrete curb & gutter shall begin within five (5) working days of the completion of the roadway grading and subbase preparation. Upon completion of the concrete curb & gutter, construction of the driveway aprons shall begin, and remain continuous, such that driveways shall not remain inaccessible for more than 20 working days, as measured from the date of completion of roadway excavation. If the contractor cannot meet these requirements, he shall provide temporary stone access to all affected driveways. No additional compensation will be allowed for providing, placing, and removing all temporary access stone. The City reserves the right to place and remove the temporary stone and deduct the cost from the construction contract for contractors not meeting this requirement.

21. Protection of property and surface structures: Trees, shrubbery fences, poles, right–of–way pins and all other property and surface structures shall be protected during construction operations unless the Engineer authorizes their removal for purposes of construction. Any fences, poles, or other manmade surface improvements, which are moved or disturbed by the Contractor shall be restored to the original conditions, after construction is completed, at the Contractor's expense. Any trees, shrubbery, or other vegetation, which are approved for removal by the Engineer in order to facilitate construction operations, shall be removed completely, including stumps and roots, by the Contractor. Responsibility for any damage or claims for damage caused by construction operations to shrubbery or other landscape improvements, which were not authorized for removal by the Engineer, shall be assumed by the Contractor.

22. Work to be Done by Others: The City of Joliet Public Works and Utilities, Com–Ed, NICOR, At&T, and others may be adjusting their facilities during construction of this section. In such event, it will be necessary for the Contractor to cooperate with the various organizations and the City while they are doing this work. All street lighting/utility poles and luminaries required to be moved shall be relocated and wired by the owner of the pole as per their franchise agreement. No compensation shall be allowed to the Contractor for street lighting/utility pole relocation work.

23. In accordance with Article 105.09 of the "Standard Specifications", the Contractor shall furnish to the City of Joliet Public Works Office, 150 W. Jefferson Street, at his/her expense, construction layout stakes for the project. The material for all layout stakes and lathe shall be oak, Layout stakes (hubs) shall be 2"x2"x15". Lathe shall be four (4') feet in length. Hubs shall be provided at a rate of one bundle per 300 linear feet of project length for curb and gutter construction and at a rate of one bundle per 600 linear feet of project length for all other construction projects. Lathe shall be provided at a rate of one bundle per 600 linear feet of project length for all construction. The cost incurred by the Contractor in complying with this requirement shall be considered incidental to the contract.

BENCHMARKS:

BM 1: Southeast flange bolt of a fire hydrant at the southeast corner of Richmond Street and Fairlane Drive. Elevation 627.81 (Near 20 Fairlane Drive)

BM 2: Southeast flange bolt of fire hydrant along the south side of street at 2516 Richmond Street. Elevation 643.43

BM 3: Southeast flange bolt of fire hydrant along the south side of street at 2702 Richmond Street. Elevation 631.52 (Near 2606 Richmond Street)

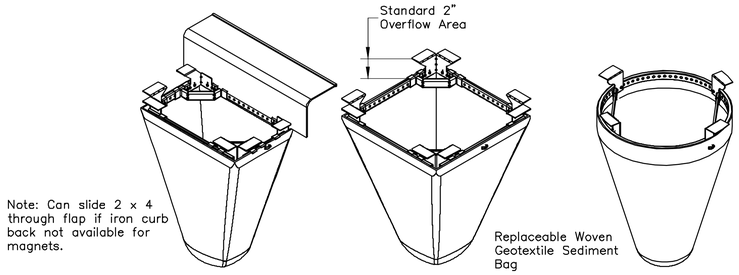
LEGEND

PCC Sidewalk

PCC Driveway, 6"

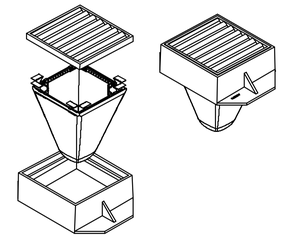
IDOT Highway Standards

000001–08	Standard Symbols, Abbreviations and Patterns
424001–11	Perpendicular Curb Ramps For Sidewalks
602011–02	Catchbasin Type C
602401–07	Precast Manhole Type A
602701–02	Manhole Steps
604001–05	Frames & Lids Type 1
604051–04	Frame & Grate Type 11
606001–08	Conc. Curb T–B & Comb Curb & Gutter
701501–06	Urban Lane Closure, 2L, 2W, Undivided
701801–06	Sidewalk, Corner or Crosswalk Closure
701901–08	Traffic Control Devices
B.L.R. 22–7	Typical Application of Traffic Control Devices for Construction on Rural Local Highways

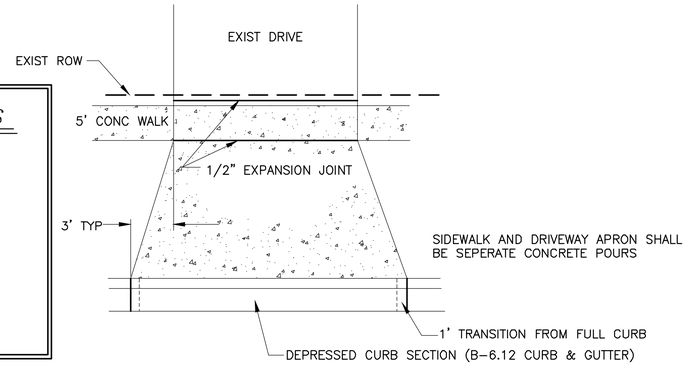


Materials:
1. Framing – 11 gauge steel; corrosion resistant
2. Sediment Bag – Woven Geotextile (Type FF or approved alternate); 2 cubic ft typical volume; Stainless Steel locking band securing bag to frame

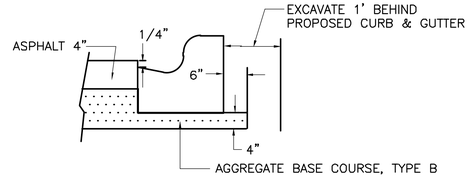
Installation:
1. Remove grate
2. Drop Inlet Filter onto load bearing lip of casting or concrete structure
3. Replace grate



STORM DRAIN INLET PROTECTION



P.C.C. DRIVEWAY APPROACH PLAN



PROPOSED TYPICAL DETAIL
B.6–12 CURB

2024 ROADWAY IMPROVEMENTS
Richmond St (Fairlane – Sunset Strip)
General Notes & Legend

SCALE: *NONE*
DATE: *10/30/2023*
SHEET *9* OF *9*

CHECKED BY: *CPR*
DESIGNED BY: *MSS*
DRAWN BY: *KLK*

CITY OF JOLIET
DEPARTMENT OF PUBLIC WORKS
150 W. JEFFERSON STREET, JOLIET, ILLINOIS 60431
(815)–724–4200

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