Appendix A-1
Plans and Sections

Part 3 of 3
Appendix A-1
Plans and Sections

Part 1 of 3
A-1-1: Viaduct Alternative – Highway Plans, Profiles and Typical Sections
A-1-2: Viaduct Alternative – Preliminary Structure Study Plans

Part 2 of 3
A-1-4: Community Grid Alternative – Highway Plans, Profiles and Typical Sections
A-1-5: Community Grid Alternative – NYSW Railway Plans
A-1-6: Community Grid Alternative – Preliminary Structure Study Plans
A-1-7: Community Grid Alternative – Conceptual Construction Phasing and Maintenance and Protection of Traffic Plans

Part 3 of 3
A-1-8: Conceptual Drainage Plans - Common to Both Alternatives
A-1-8: Conceptual Drainage Plans - Common to Both Alternatives
NOTE:

1. THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED TRUNK SEWER ALIGNMENT AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN. THE LOCATION OF THE HYDRODYNAMIC STORMWATER TREATMENT UNITS UNDER THE COMMUNITY GRID ALTERNATIVE ARE SHOWN ON FIGURE 5-37. PIPE SIZES AND UTILITY CONFLICTS ARE BASED ON THE CONCEPTUAL STORM TRUNK SEWER PLAN AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN.

2. ALL EXISTING SEWER LOCATIONS AND SIZES ARE BASED ON SURVEY AS-BUILT AND SEWER ATLAS DATA AND ARE SUBJECT TO FIELD VERIFICATION.

3. NOT ALL UTILITY CROSSINGS SHOWN ON PROFILE, ONLY MAJOR UTILITIES CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN. ADDITIONAL UTILITY PLAN IS ATTACHED. INVESTIGATION REQUIRED FOR FINAL DESIGN.

INVESTIGATION REQUIRED FOR FINAL DESIGN. ADDITIONAL UTILITY PLAN IS ATTACHED. INVESTIGATION REQUIRED FOR FINAL DESIGN.

CONCEPTUAL DRAINAGE PLAN

COMMON TO ALL ALTERNATIVES

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER

DRAWING NO. DR-COM-02

SHEET NO.

PARSONS

THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED TRUNK SEWER ALIGNMENT AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN. THE LOCATION OF THE HYDRODYNAMIC STORMWATER TREATMENT UNITS UNDER THE COMMUNITY GRID ALTERNATIVE ARE SHOWN ON FIGURE 5-37. PIPE SIZES AND UTILITY CONFLICTS ARE BASED ON THE CONCEPTUAL STORM TRUNK SEWER PLAN AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN.

INVESTIGATION REQUIRED FOR FINAL DESIGN. ADDITIONAL UTILITY PLAN IS ATTACHED. INVESTIGATION REQUIRED FOR FINAL DESIGN.

CONCEPTUAL DRAINAGE PLAN

COMMON TO ALL ALTERNATIVES

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CONTRACT NUMBER

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SHEET NO.

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INVESTIGATION REQUIRED FOR FINAL DESIGN. ADDITIONAL UTILITY PLAN IS ATTACHED. INVESTIGATION REQUIRED FOR FINAL DESIGN.

CONCEPTUAL DRAINAGE PLAN

COMMON TO ALL ALTERNATIVES

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

CONTRACT NUMBER

DRAWING NO. DR-COM-02

SHEET NO.

PARSONS
1. The conceptual drainage plan reflects a generalized trunk sewer alignment and梒ross梒ections that would be detailed during final design. The location of the hydrodynamic (stormwater treatment) unit would vary by alternative, but for the purposes of this conceptual plan, the design is representative of the ultimate alternative. The conceptual storm sewer plan and profile and would be modified during final design.

2. All existing sewer locations and sizes are based on survey records and owner atlas data and are subject to field verification.

3. Not all utility crossings shown on profiles, one-year or utility crossings and potential impacts are shown. Additional impacts may be encountered. Further utility investigations are required for final design.

4. All dimensions in ft. unless otherwise noted.

5. Common to all alternatives.

6. Proposed storm water collector line

7. Existing combined sewer system

8. It is a violation of law for any person unless they are acting under the direction of a licensed professional engineer, architect, landscape architect, or land surveyor, to alter the plans and specifications to which this notice is attached, to make any changes in or to the structure unless the changes have been approved by the designer or the engineer of record, and such changes are subject to approval by the engineer of record. The designer or engineer of record shall stamp the documents and include the notation "altered by" followed by their signature, the name of each alteration, and a specific description of the alteration.

9. City of Syracuse Department of Transportation.

10. Principal Engineer:

11. Design Supervisor:

12. Job Manager:

13. Engineer:

14. City of Syracuse Department of Transportation.
NOTE:

1. THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED TRUNK SEWER ALIGNMENT AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN. THE LOCATION OF THE HYDRODYNAMIC STORMWATER TREATMENT UNIT WOULD VARY BY ALTERNATIVE, BUT FOR THE PURPOSES OF THIS CONCEPTUAL PLAN, THE DESIGN IS REPRESENTATIVE OF THE VIADUCT ALTERNATIVE. THE LOCATION OF HYDRODYNAMIC STORMWATER TREATMENT UNITS UNLESS THEY ARE COMMON TO ALL ALTERNATIVES AND SHOWN ON FIGURE S-37. PIPE SIZES AND UTILITY CONFLICTS ARE BASED ON THE CONCEPTUAL STORM TRUNK SEWER PLAN AND PROFILES AND WOULD BE REFINED DURING FINAL DESIGN.

2. ALL EXISTING SEWER LOCATIONS AND SIZES ARE BASED ON SURVEY AS-BUILT AND SEWER ATLAS DATA AND ARE SUBJECT TO FIELD VERIFICATION.

3. NOT ALL UTILITY CROSSINGS SHOWN ON PROFILES, ONLY MAJOR UTILITY CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN. ADDITIONAL IMPACTS MAY BE REQUIRED FOR FINAL DESIGN. FURTHER UTILITY INVESTIGATION REQUIRED FOR FINAL DESIGN.

4. THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED TRUNK SEWER ALIGNMENT AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN.

5. THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED TRUNK SEWER ALIGNMENT AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN.
NOTE:

2. ALL EXISTING SEWER LOCATIONS AND SIZES ARE BASED ON SURVEY AS-BUILT AND SEWER ATLAS DATA AND ARE SUBJECT TO FIELD VERIFICATION.

3. NOT ALL UTILITY CROSSINGS SHOWN ON PROFILES, ONLY MAJOR UTILITY CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN. GROUND WATER SHOWN ON PROFILES IS IN GENERAL AGREEMENT WITH THE UTILITY INVESTIGATION REQUIRED FOR FINAL DESIGN.

AS-BUILT AND SEWER ATLAS DATA AND ARE SUBJECT TO FIELD VERIFICATION. ALL EXISTING SEWER LOCATIONS AND SIZES ARE BASED ON SURVEY AS-BUILT AND SEWER ATLAS DATA AND ARE SUBJECT TO FIELD VERIFICATION. NOT ALL UTILITY CROSSINGS SHOWN ON PROFILES, ONLY MAJOR UTILITY CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN. GROUND WATER SHOWN ON PROFILES IS IN GENERAL AGREEMENT WITH THE UTILITY INVESTIGATION REQUIRED FOR FINAL DESIGN.

CONCEPTUAL STORM TRUNK SEWER PLAN AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN. THE LOCATION OF THE HYDRODYNAMIC STORMWATER TREATMENT UNITS WOULD VARY BY ALTERNATIVE. BUT FOR THE PURPOSES OF THIS CONCEPTUAL PLAN, THE DESIGN IS REPRESENTATIVE OF THE VARIOUS ALTERNATIVES. THE GENERALIZED STORM TRUNK SEWER ALIGNED AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN.
NOTE:
1. THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED TRUNK SEWER ALIGNMENT AND PROFILE THAT WOULD BE Refined DURING FINAL DESIGN. THE LOCATION OF HYDRO_DYNAMIC STORMWATER TREATMENT UNITS WOULD VARY BY ALTERNATIVE, BUT FOR THE PURPOSES OF THIS CONCEPTUAL PLAN, THE DESIGN IS SHOWN AS COMMON TO ALL ALTERNATIVES.
2. ALL EXISTING SEWER LOCATIONS AND SIZES ARE BASED ON SURVEY AS-BUILT AND SEWER ATLAS DATA AND ARE SUBJECT TO FIELD VERIFICATION.
3. NOT ALL UTILITY CROSSINGS SHOWN ON PROFILES. ONLY MAJOR UTILITY CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN. ADDITIONAL IMPACTS MAY BE ENCOUNTERED. FURTHER UTILITY CROSSING VERIFICATION IS REQUIRED.
4. THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED TRUNK SEWER ALIGNMENT AND PROFILE THAT WOULD BE Refined DURING FINAL DESIGN.THE LOCATION OF HYDRO_DYNAMIC STORMWATER TREATMENT UNITS UNDER THE COMMUNITY GRID ALTERNATIVE ARE SHOWN ON FIGURE 5.37. PIPE SIZES AND UTILITY CONFLICTS ARE BASED ON THE CONCEPTUAL STORM TRUNK SEWER PLAN AND PROFILE AND WOULD BE Refined DURING FINAL DESIGN.
5. PIPE SIZES AND UTILITY CONFLICTS ARE BASED ON THE CONCEPTUAL DRAINAGE PLAN.
6. PIPE SIZES AND UTILITY CONFLICTS ARE BASED ON THE CONCEPTUAL DRAINAGE PLAN AND PROFILE THAT WOULD BE Refined DURING FINAL DESIGN. THE LOCATION OF HYDRO_DYNAMIC STORMWATER TREATMENT UNITS UNDER THE COMMUNITY GRID ALTERNATIVE ARE SHOWN ON FIGURE 5.37. PIPE SIZES AND UTILITY CONFLICTS ARE BASED ON THE CONCEPTUAL DRAINAGE PLAN.

CONCEPTUAL STORMWATER TREATMENT UNITS WOULD VARY BY ALTERNATIVE, BUT FOR THE PURPOSES OF THIS CONCEPTUAL PLAN, THE DESIGN IS SHOWN AS COMMON TO ALL ALTERNATIVES. THE GENERAL HABITAT IMPROVEMENT UNITS ARE SHOWN ON FIGURE 5.37. PIPE SIZES AND UTILITY CONFLICTS ARE BASED ON THE CONCEPTUAL DRAINAGE PLAN.

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2. All existing sewer locations and sizes are based on survey and sewer data and are subject to field verification.

3. NOT ALL UTILITY CROSSINGS SHOWN ON PROFILES. ONLY MAJOR UTILITY CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN.

4. CONCEPTUAL DRAINAGE PLAN AND PROFILE AND WOULD BE REFINED DURING FINAL DESIGN.

5-37. PIPE SIZES AND UTILITY CONFLICTS ARE BASED ON THE GENERAL CONCEPTUAL SEWER ALIGNMENT AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN. THE LOCATION OF THE HYDRO_DYNAMIC STORMWATER TREATMENT UNITS WOULD VARY BY ALTERNATIVE. CONCEPTUAL DRAINAGE PLAN IS REPRESENTATIVE OF THE VARIOUS ALTERNATIVES TO THE COMMUNITY GRID ALTERATIVE ARE SHOWN ON FIGURE 5-37. PIPE SIZES AND UTILITY CONFLICTS ARE SHOWN.

6. ADDITIONAL IMPACTS MAY BE ENCOUNTERED. FURTHER UTILITY CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN.

7. UTILITY CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN.

8. NOT ALL UTILITY CROSSINGS SHOWN ON PROFILES. ONLY MAJOR UTILITY CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN.
DESCRIPTION OF ALTERATIONS:

AS-BUILT REVISIONS

ON:

AFFIX SEAL:

SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR.

CONCEPTUAL DRAINAGE PLAN

COMMON TO ALL ALTERNATIVES

SUMMARY TABLE,

SEE CONFLICT

CONFLICT #5
NOTE:
1. THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED TRUNK SEWER ALIGNMENT AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN. Pipe sizes and utility conflicts are based on "as-built" sewer system data and are subject to field verification.
2. All existing sewer locations and sizes are based on survey as-built and sewer atlas data and are subject to field verification.
3. Not all utility crossings shown on profiles. Only major utility crossings and potential impacts are shown. Additional impacts may be encountered. Further utility verification is required for final design.
4. All existing sewer locations and sizes are based on survey as-built and sewer atlas data and are subject to field verification.
5. The General Conceptual Drainage Plan depicts a generalized trunk sewer alignment and profile that would be refined during final design. Pipe sizes and utility conflicts are based on "as-built" sewer system data and are subject to field verification.
6. Not all utility crossings shown on profiles. Only major utility crossings and potential impacts are shown. Additional impacts may be encountered. Further utility verification is required for final design.
7. All existing sewer locations and sizes are based on survey as-built and sewer atlas data and are subject to field verification.
8. The General Conceptual Drainage Plan depicts a generalized trunk sewer alignment and profile that would be refined during final design. Pipe sizes and utility conflicts are based on "as-built" sewer system data and are subject to field verification.
9. Not all utility crossings shown on profiles. Only major utility crossings and potential impacts are shown. Additional impacts may be encountered. Further utility verification is required for final design.
10. All existing sewer locations and sizes are based on survey as-built and sewer atlas data and are subject to field verification.

EXISTING COMBINED SEWER SYSTEM

PROPOSED STORM WATER COLLECTOR LINE

RIGHT-OF-WAY

DRAWING NO. D031085

SHEET NO. 1

PARSONS

PROJECT: I-81 VIADUCT

PHASE: 2020

SHEETS 1

CONTACT NUMBER 90-100-12

COMMON TO ALL ALTERNATIVES

NOTE:
1. The conceptual drainage plan depicts a generalized trunk sewer alignment and profile that would be refined during final design. Pipe sizes and utility conflicts are based on "as-built" sewer system data and are subject to field verification.
2. All existing sewer locations and sizes are based on survey as-built and sewer atlas data and are subject to field verification.
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6. Not all utility crossings shown on profiles. Only major utility crossings and potential impacts are shown. Additional impacts may be encountered. Further utility verification is required for final design.
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8. The general conceptual drainage plan depicts a generalized trunk sewer alignment and profile that would be refined during final design. Pipe sizes and utility conflicts are based on "as-built" sewer system data and are subject to field verification.
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10. All existing sewer locations and sizes are based on survey as-built and sewer atlas data and are subject to field verification.
NOTE:
1. THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED TRUNK SEWER ALIGNMENT AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN. THE LOCATION OF THE HYDRODYNAMIC STORMWATER TREATMENT UNITS MIGHT VARY BY ALTERNATIVE, BUT FOR THE PURPOSES OF THIS CONCEPTUAL PLAN, THE DESIGN IS REPRESENTATIVE OF THE HYDRODYNAMIC STORMWATER TREATMENT UNITS THAT WOULD BE PLACED AT THE LOCATIONS SHOWN ON FIGURE 5.27. ALL SITES AND UTILITY CONTACTS ARE BASED ON THE CONCEPTUAL STORM SEWER PLAN AND PROFILE AND WOULD BE REFINED DURING FINAL DESIGN.
2. ALL EXISTING UTILITY LOCATIONS AND EXITS ARE BASED ON SURVEY AS-MAP AND SEWER ATLAS DATA AND ARE SUBJECT TO FIELD VERIFICATIONS.
3. NOT ALL UTILITY CROSSINGS SHOWN ON PROFILES. ONLY MAJOR UTILITY CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN. ADDITIONAL IMPACTS MAY BE ENCOUNTERED. FURTHER UTILITY INVESTIGATION REQUIRED FOR FINAL DESIGN.

AS-BUILT AND SEWER ATLAS DATA AND ARE SUBJECT TO FIELD VERIFICATION.

NOT ALL UTILITY CROSSINGS SHOWN ON PROFILES. ONLY MAJOR UTILITY CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN. ADDITIONAL IMPACTS MAY BE ENCOUNTERED. FURTHER UTILITY INVESTIGATION REQUIRED FOR FINAL DESIGN.

COUNTY: ONONDAGA COUNTY, NY

EXISTING COMBINED SEWER SYSTEM

CONCEPTUAL STORM TRUNK SEWER PLAN AND PROFILE AND WOULD BE REFINED DURING FINAL DESIGN.
NOTE:
1. THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED DRAINAGE ALIGNMENT BASED ON SURVEY AS-BUILT AND SEWER ATLAS DATA AND ARE SUBJECT TO FIELD VERIFICATION.
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REQUIRED FOR FINAL DESIGN.

BE ENCOUNTERED. FURTHER UTILITY INVESTIGATION IMPACTS ARE SHOWN. ADDITIONAL IMPACTS MAY ONLY MAJOR UTILITY CROSSINGS AND POTENTIAL NOT ALL UTILITY CROSSINGS SHOWN ON PROFILES.

BASED ON THE CONCEPTUAL STORM TRUNK TREATMENT UNITS WOULD VARY BY ALTERNATIVE, BUT FOR THE PURPOSES OF THIS CONCEPTUAL PLAN, THE DESIGN IS ALTERED BY:

(R E P U T E D  O W N E R )

L. 4910  P. 642
T. M. 104-05-04

SYRACUSE PARKING ASSOCIATES, LLC

L. 5397  P. 769
T. M. 104-05-02

L. 5397  P. 769
T. M. 104-05-03

(REPUTED OWNER)

SYRACUSE PARKING ASSOCIATES, LLC

L. 5397  P. 769
T. M. 104-05-05

(REPUTED OWNER)

SYRACUSE PARKING ASSOCIATES, LLC

L. 2017  P. 37278

(REPUTED OWNER)

101 NORTH SALINA ST, LLC

SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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CONTRACT NUMBER

D031085

COMMON TO ALL ALTERNATIVES

500' SCALE IN FEET

1-81 I-690

W/E 72" BURNET AV COMBINED SEWER CROSSING

THE GENERAL LOCATION OF HYDRODYNAMIC STORMWATER TREATMENT UNITS UNDER THE COMMUNITY'S GRO ALTERNATIVE ARE SHOWN ON FIGURE 3.37. PIPE SIZES AND UTILITY CONFLICTS ARE BASED ON THE CONCEPTUAL STORM TRUNK TREATMENT UNITS UNDER THE CURRENT ALTERNATIVE. THE GENERAL LOCATIONS OF HYDRODYNAMIC STORMWATER TREATMENT UNITS WOULD VARY BY ALTERNATIVE, BUT FOR THE PURPOSES OF THIS CONCEPTUAL PLAN, THE DESIGN IS ALTERED BY:

(R E P U T E D  O W N E R )

L. 4910  P. 642
T. M. 104-05-04

SYRACUSE PARKING ASSOCIATES, LLC

L. 5397  P. 769
T. M. 104-05-02

L. 5397  P. 769
T. M. 104-05-03

(REPUTED OWNER)

SYRACUSE PARKING ASSOCIATES, LLC

L. 5397  P. 769
T. M. 104-05-05

(REPUTED OWNER)

SYRACUSE PARKING ASSOCIATES, LLC

L. 2017  P. 37278

(REPUTED OWNER)

101 NORTH SALINA ST, LLC

SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR.

CONTRACT NUMBER

D031085

COMMON TO ALL ALTERNATIVES

500' SCALE IN FEET

1-81 I-690

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(R E P U T E D  O W N E R )

L. 4910  P. 642
T. M. 104-05-04
NOTE:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, REQUIRED FOR FINAL DESIGN.

UTILITY CROSSING AND POTENTIAL IMPACTS ARE SHOWN. ADDITIONAL ALL EXISTING SEWER LOCATIONS AND SIZES ARE BASED ON SURVEY REPRESENTATIVE OF THE VIADUCT ALTERNATIVE. THE GENERAL STORMWATER TREATMENT UNITS WOULD VARY BY ALTERNATIVE, UNLESS OTHERWISE NOTED.

EXISTING INTERCEPTING SEWER LINE.

3' ROCK LEDGE, 420, 400, 380, 395, 365 ELEVATIONS.

50 YEAR STORM FLOW.

PARSONS

CONCEPTUAL DRAINAGE PLAN

PROPOSED STORM WATER COLLECTION LINE

EXISTING COMBINED SEWER SYSTEM

CONTRACT NUMBER

COMMON TO ALL ALTERNATIVES

SHEET NO.

I-81 VIADUCT MATCH LINE - DWG NO 0031085

DEPARTMENT OF TRANSPORTATION
DESCRIPTION OF ALTERATIONS:

AS-BUILT REVISIONS

ON:

AFFIX SEAL:

SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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COMMON TO ALL ALTERNATIVES

CONCEPTUAL DRAINAGE PLAN

ALL DIMENSIONS IN FT UNLESS OTHERWISE NOTED

DRAWING NO. DR-COM-15A

SHEET NO.
THE CONCEPTUAL DRAINAGE PLAN DEPICTS A GENERALIZED TRUNK SEWER ALIGNMENT AND PROFILE THAT WOULD BE REFINED DURING FINAL DESIGN. THE LOCATION OF THE HYDRODYNAMIC STORMWATER TREATMENT UNITS WOULD VARY BY ALTERNATIVE, BUT FOR THE PURPOSES OF THIS CONCEPTUAL PLAN, THE DESIGN IS BASED ON THE GENERAL LOCATIONS OF HYDRODYNAMIC STORMWATER TREATMENT UNITS UNDER THE COMMUNITY LAND ALTERNATIVE AND SHOWN ON FIGURE 5-027. APP SSOs AND UTILITY CONFLICTS ARE BASED ON THE CONCEPTUAL STORM TRUNK SEWER PLAN AND PROFILE AND WOULD BE REFINED DURING FINAL DESIGN.

3. NOT ALL UTILITY CROSSINGS SHOWN ON PROFILES, ONLY MAJOR UTILITY CROSSINGS AND POTENTIAL IMPACTS ARE SHOWN. ADDITIONAL IMPACTS MAY BE ENCOUNTERED. FURTHER UTILITY INVESTIGATION REQUIRED FOR FINAL DESIGN.
**I-81 Proposed Storm Drain Trunk Line with Utilities Conflict Summary**

<table>
<thead>
<tr>
<th>Conflict No.</th>
<th>Proposed Pipe No.</th>
<th>Conflict Location (Intersection)</th>
<th>Proposed Sewer Sta.</th>
<th>Type of Utility</th>
<th>Proposed Storm Sewer Size</th>
<th>Comments</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DP 3,5</td>
<td>DP 2</td>
<td>12+35</td>
<td>Storm Only or Combined Sewer, To Be Confirmed</td>
<td>36&quot;</td>
<td>18&quot;</td>
<td>The existing storm sewer is in likely conflict with the proposed storm sewer. The City Record Plans suggest this may be a separated storm sewer, which if confirmed, can be intercepted by the proposed trunkline. If the existing sewer is combined, relocation is required. The existing storm sewer may be adjusted above the proposed trunk line; an additional manhole may be required. Combined sewer may be replaced above the proposed trunkline; an additional manhole will be required.</td>
</tr>
<tr>
<td>2</td>
<td>DP 4,5</td>
<td>DP 6</td>
<td>16+80</td>
<td>Combined Sewer</td>
<td>36&quot;</td>
<td>36&quot;</td>
<td>The existing storm sewer is in likely conflict with the proposed storm sewer. Combined sewer may be replaced above the proposed trunkline; an additional manhole will be required.</td>
</tr>
<tr>
<td>3</td>
<td>DP 9,5</td>
<td>DP 15</td>
<td>48+95</td>
<td>Combined Sewer</td>
<td>54&quot;</td>
<td>18&quot;/66&quot;</td>
<td>Physical conflict can be avoided, but protection measures required to avoid damage to existing combined sewer. Utilize temporary protection and bracing as necessary to avoid damage to existing combined sewer.</td>
</tr>
<tr>
<td>4</td>
<td>DP 10, A</td>
<td>DP 244</td>
<td>58+22.5</td>
<td>Combined Sewer</td>
<td>77&quot;x121&quot; (96&quot; Equivalent)</td>
<td>84&quot;</td>
<td>Physical conflict can be avoided, by utilizing a low profile pipe size and employing protection measures necessary to avoid damage to existing combined sewer. Utilize low profile pipe and temporary protection and bracing as necessary to avoid damage to existing combined sewer.</td>
</tr>
<tr>
<td>5</td>
<td>DP 14,5</td>
<td>DP 50</td>
<td>72+35</td>
<td>Combined Sewer</td>
<td>77&quot;x121&quot; (96&quot; Equivalent)</td>
<td>7.5&quot;x10&quot; (ERIE BLVD)</td>
<td>Physical conflict can be avoided, by utilizing a low profile pipe size and employing protection measures necessary to avoid damage to existing combined sewer. Utilize low profile pipe and temporary protection and bracing as necessary to avoid damage to existing combined sewer.</td>
</tr>
<tr>
<td>6</td>
<td>DP 21, S</td>
<td>DP 111</td>
<td>64+60</td>
<td>Combined Sewer (Main County Interceptor)</td>
<td>96&quot;</td>
<td>78&quot; (Main County Interceptor Sewer)</td>
<td>Relocation of existing combined sewer is not feasible, nor would relocating new trunk sewer to avoid conflict. Construct Siphon as per Concept Plan Drawing.</td>
</tr>
</tbody>
</table>

Note: Conflict locations were identified using the Sewer Atlas. The elevations were found using the Syracuse Datum and adding 362 to match the NGVD Datum for 1929. The conflicts will need to be verified in the field.

---

**PARSONS**

**Project Manager:**

**Description of Alterations:**

- I-81 Viaduct

**Clients:**

**All dimensions in ft unless otherwise noted:**

**Contract Number:**

**D.O.C.:**

**Conceivable Drainage Plan:**

**Common to All Alternatives:**

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**Department of Transportation**