UP-W Third Mainline – Western Section
Appendix A-1 Proposed Track Plans
Notes:
1. ROW Dimensioned Off Mainline Track No. 1, Survey Baseline & Mainline Track No. 2.

Remove and Relocate Hot Air Blowers
Relocate Gas Line (By Utility/UPRR)
Const. 18367 TF, 136# HH CWR, Concrete Ties
Acquire Construction Easement (0.05 ac.)
Relocate Bungalow
Relocate Telephone Line (By Utility

Inst. No. 20 LH POTO, MP Frog, 136#, Concrete Ties, Straight side Remove 249 T.F.
Construct 56 T.F.
136# Conc Ties Remove 28 T.F.

Prop. Culvert (See Sheet C007)

To LA FOX & CLINTON (TT WEST)
To PECK & CHICAGO (TT EAST)
NOT FOR CONSTRUCTION

PRELIMINARY

- Prop No. 3 Main
- Prop No. 3 Main
- Prop Temporary Access Road (See Sheet R101)
- Prop Temporary Easement (0.03 ac.)
- Prop Temporary Easement (0.53 ac.)
- Acquire Temporary Easement (0.03 ac.)
- Acquire Temporary Easement (0.53 ac.)
- Remove Signal Foundation
- Remove Fence - 515 LF
- Retaining Wall MB
- 33# Wood TT Speed 70/50 MPH
- 35L Wood TT Speed 70/50 MPH
- 33# Conc. Design Speed 70/50 MPH
- TO PECK & CLINTON (TTWEST)
- TO GENEVA & CHICAGO (TT EAST)

Notes:
1. ROW Dimensioned Off Mainline Track No. 1, Survey Baseline Is Mainline Track No. 2.
2. See Sheet WS01 for Retaining Wall MB.
NOT FOR CONSTRUCTION

Prop. No. 3 Main
Curve 3-10
L = 1605.55'
Dc = 0.29'28''
Ls = 90.00'85" SE = 3/4" - 70/50 MPH

No. 1 Main
Ex Curve 1-1
L = 1562.78'
Dc = 0.38'30''
SE = 2/4" - 70/50 MPH

No. 2 Main
Ex Curve 2-1
L = 1567.06'
Dc = 0.30'30''
SE = 2/4" - 70/50 MPH

Notes:
1. ROW Dimensioned Off Maintenance Track No. 1, Survey Baseline to Maintenance Track No. 2.
2. See Sheet W9001 to W9002 for Retaining Wall G.

Retaining Wall G
Remove Signal Bungalow
Remove Signal Foundation
Acquire Temporary Easement (0.38 ac.)

TO GENEVA & CHICAGO (TT WEST)

TO PECK & CLINTON (TT WEST)
Notes:
1. ROW Dimenstoned Off Mainline Track No. 1, Survey Baseline is Mainline Track No. 2.
2. See Sheet WS01 for Retaining Wall M6.
Notes:
1. ROW Dimensioned Off Mainline Track No. 1, Survey Baseline is Mainline Track No. 2.
2. See Sheet WS01 for Retaining Wall M5.
Notes:
1. ROW Dimensioned Off Mainline Track No. 1, Survey Baseline is Mainline Track No. 2.
2. See Sheets WF-001 to WF-002 for Retaining Wall F.
3. See Sheets R200 to R207 For Western Ave Grade Crossing and Roadway Improvement Plans.
Notes:
1. ROW Dimensioned Off Mainline Track No. 1. Survey Baseline is Mainline Track No. 2.
2. See Sheets AS001 to AC109 for Geneva Station improvements.
Not for Construction
Notes:
1. ROW Dimensioned Off Mainline Track No. 1. Survey Baseline to Mainline Track No. 2.

- Preliminary -
NOT FOR CONSTRUCTION
1. ROW Dimensioned Off Mainline Track No. 1, Survey Baseline Is Mainline Track No. 2.

Notes:

- Lt. Ditch
- Sag L=200
- V/L=0.06
- +0.50%
- +0.53%
- +0.41%
- PR No. 2 Main Top of Rail
- PR No. 3 Main Top of Rail
- Ex. Ground
- Ex. No. 2 Main Top of Rail
- Ex. No. 3 Main Top of Rail
- Ex. No. 2 TH 70/50 M.P.H
- Ex. No. 3 TH 70/50 M.P.H
- No. 1 Main
- No. 2 Main
- Prop. No. 3 Main

TO GENEVA & CLINTON (TT WEST)

TO KRESS & CHICAGO (TT EAST)

Inst. No. 20 LH POTO
Sprg. Frog 136#, Concrete Ties, Straight side

Prop Culvert (See Sheet C016)
Prop Access Road (See Sheet R100)

PRELIMINARY
NOT FOR CONSTRUCTION
Notes:
1. ROW Dimensioned Off Mainline Track No. 1, Survey Baseline is Mainline Track No. 2.
2. For Industry Track See PP041 to PP042.

136# Wood TT Speed 70/50 MPH
136# Wood TT Speed 70/50 MPH
136# Wood TT Speed 70/50 MPH

Inst No. 20 RH POTO Sprg, Frog, 136#, Wood Ties, Curved Side

Inst No. 15 RH HTTO, Sprg, Frog, 136#, Concrete Ties, Curved side Remove 125 T.P.
UP-W Third Mainline – Western Section
Appendix A-2 Proposed Access Roads
Proposed Access Road Reference Line

<table>
<thead>
<tr>
<th>Description</th>
<th>Station</th>
<th>Northing</th>
<th>Easting</th>
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</thead>
<tbody>
<tr>
<td>PI</td>
<td>700+00.00</td>
<td>1899226.52</td>
<td>1006072.85</td>
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<tr>
<td>PI</td>
<td>705+15.24</td>
<td>1899843.74</td>
<td>1006076.87</td>
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</table>

Place 655 S.Y. 12" Base Material Compacted to 95%

Match Prop. Top Road Surface with Existing Road Surface

Acquire Permanent Easement (0.46 ac.)

Prop. Culvert (See sheet C016)
Not for Construction

Temporary Access Road

Prop. No. 3 Main

CP 20017

UPRR R/W

No. 1 Main

No. 2 Main

Prop. No. 3 Main

Material Compacted to 95%

Place 584 S.Y. 12" Base

Acquire Construction Easement (0.47 ac.)

Portland Cement Concrete Sidewalk 4-inch, 100 SF

(See Note)

Combination Concrete Curb and Gutter, B-6 12, 20 FT

(See Note)

No. 1 Main

No. 2 Main

1850+00

1845+00

1843+62.47

1843+00

1845+00

1850+00

Note:

Sawcut and remove curb head for 20 feet along Lewis Road.

Maintain access along sidewalk during construction.

After construction is complete remove temporary access road and restore to preconstruction condition, reconstruct sidewalk, and curb and gutter.

<table>
<thead>
<tr>
<th>Description</th>
<th>Station</th>
<th>Northing</th>
<th>Bearing</th>
</tr>
</thead>
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<tr>
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<td>800+00</td>
<td>1845+62.47</td>
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- PRELIMINARY -
UP-W Third Mainline – Western Section

Appendix A-3 Proposed Crossing Improvements and Detours
**SCHEDULE OF SIGNS**

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<tr>
<th>SIGN NUMBER</th>
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</tr>
<tr>
<td>2</td>
<td>W20-3 (0)</td>
</tr>
<tr>
<td>3</td>
<td>M1-7</td>
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<tr>
<td>4</td>
<td>M1-7</td>
</tr>
<tr>
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<tr>
<td>7</td>
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<tr>
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<td>M6-1L</td>
</tr>
<tr>
<td>9</td>
<td>M4-8a (0)</td>
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<tr>
<td>10</td>
<td>M1-1100 (0)</td>
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<tr>
<td>11</td>
<td>M3-2 (0)</td>
</tr>
<tr>
<td>12</td>
<td>M3-4 (0)</td>
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<td>R3-2</td>
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<tr>
<td>16</td>
<td>R11-4</td>
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</table>

**DETOUR NOTES:**

1. ALL SIGN, SUPPORTS AND POSITIONING MUST BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. SIGNING SHALL BE PLACED AT LOCATION THAT WILL BE COMPATIBLE WITH EXISTING SIGNING.
3. ALL EXISTING SIGNS THAT CONFLICT WITH THE DETOUR MUST BE COVERED.
4. THE CONTRACTOR SHALL CONTACT THE VILLAGE TRAFFIC SUPERVISOR A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

---

**LEGEND**

- **48" x 48" (1.2 m x 1.2 m) CONSTRUCTION WARNING SIGN, WITH AMBER FLASHING LIGHT NUMBER DENOTES TYPE**
- **M1-5 FOR IL-171 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES. NUMBER DENOTES TYPE**
- **OTHER DETOUR SIGNS, NUMBER DENOTES TYPE**
- **TYPE III BARRICADE WITH AMBER FLASHING LIGHTS**
- **DETOUR ROUTE**
- **WORK ZONE**

-PRELIMINARY-
NOT FOR CONSTRUCTION

---

**NOT TO SCALE**

---

**UNION PACIFIC RAILROAD**
Office of Assistant Vice President Engineering Design

**Metra**
Engineering Department

**bamesch**

**WESTERN AVE DETOUR PLAN**
SCHEDULE OF SIGNS

<table>
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<tbody>
<tr>
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<tr>
<td>2</td>
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<tr>
<td>3</td>
<td>M1-7</td>
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<td>R3-2</td>
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<td>16</td>
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LEGEND

48" x 48" (1.2 m x 1.2 m) CONSTRUCTION WARNING SIGN WITH AMBER FLASHING LIGHT NUMBER DENOTES TYPE

M-1 FOR M-1 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES, NUMBER DENOTES TYPE

OTHER DETOUR SIGNS, NUMBER DENOTES TYPE

TYPE III BARRICADE WITH AMBER FLASHING LIGHTS

DETOUT ROUTE

WORK ZONE

DETOUT NOTES:

1. ALL SIGN, SUPPORTS AND POSITIONING MUST BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION

2. SIGNING SHALL BE PLACED AT LOCATION THAT WILL BE COMPATIBLE WITH EXISTING SIGNING

3. ALL EXISTING SIGNS THAT CONFLICT WITH THE DETOUR MUST BE COVERED

4. THE CONTRACTOR SHALL CONTACT THE VILLAGE TRAFFIC SUPERVISOR A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
**SCHEDULE OF SIGNS**

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**LEGEND**
- 48" x 48" (1.2 m x 1.2 m) CONSTRUCTION WARNING SIGN, WITH AMBER FLASHING LIGHT NUMBER DENOTES TYPE
- M1-5 FOR IL-171 SERIES DETOUR SIGN WITH ROAD NAME AND DIRECTION PLATES, NUMBER DENOTES TYPE
- OTHER DETOUR SIGNS, NUMBER DENOTES TYPE
- TYPE III BARRICADE WITH AMBER FLASHING LIGHTS
- DETOUR ROUTE
- WORK ZONE

**DETOUR NOTES:**
1. ALL SIGN, SUPPORTS AND POSITIONING MUST BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION
2. SIGNAGE SHALL BE PLACED AT LOCATIONS THAT WILL BE COMPATIBLE WITH EXISTING SIGNAGE
3. ALL EXISTING SIGNS THAT CONFLICT WITH THE DETOUR MUST BE COVERED

*ON TYPE III BARRICADE

PUBLIC WORKS
- PRELIMINARY -
NOT FOR CONSTRUCTION

Office of Assistant Vice President
Engineering Design
NOTE:
Driveway pavement shall match IL Rte. 31 Pavement.

LEGEND:
- Mill and Overlay Asphalt
- Overlay Asphalt on PCC
- Construct Full-Depth Pavement
- Depressed Curb & Gutter
- Detectable Warning
- Proposed Sidewalk
- Relocated Brick Paver
- Proposed Sodding

10' Transition Combination Curb & Gutter Type B-6.24 to Combination Curb & Gutter Type B-6.12

Combination Concrete Curb
and Gutter Type B-6.24, 88 FT

Inlets, Type A, Type 24 Frame and Grate, 1 EA
Storm Sewers, Class A, Type 1, 12", 38 FT
Trench Backfill, 8 CY

Aggregate Subgrade Improvement, 12", 1,099 SY
Hot-Mix Asphalt Binder Course, IL-19.0, N70, 424 TON
Hot-Mix Asphalt Surface Course, Mix "D", N70, 78 TON

PR IL Rte 31 Centerline
EX IL Rte 31 Centerline

Ex IL Rte 31 ROW

Combination Concrete Curb
and Gutter Type B-6.12, 55 FT

10' Transition Combination Curb & Gutter Type B-6.24
to Combination Curb & Gutter Type B-6.12

Inlets, Type A, Type 24 Frame and Grate, 1 EA
Storm Sewers, Class A, Type 1, 12", 3 FT
Trench Backfill, 0.5 CY

Manholes, Type A, 4" Diameter, Type 1 Frame, Closed Lid, 1 EA

Leveling Binder (Machine Method), N70, 12 Ton
Hot-Mix Asphalt Surface Course, Mix "D", N70, 45 Ton

Inlets, Type A, Type 24 Frame and Grate, 1 EA
PC Sta, 5+71.96 Ex IL Rte 31 = Sta, 5+73.05 PC IL Rte 31

Combination Concrete Curb
and Gutter Type B-6.24 (Typ.), 262 FT

- PRELIMINARY
- NOT FOR CONSTRUCTION
NOTES

1. TRAIL USERS TO SHARE WASTEWATER TREATMENT PLANT ENTRANCE.

2. AFTER CONSTRUCTION, REMOVE TEMPORARY FENCE AND REINSTALL PERMANENT FENCE IN ITS ORIGINAL LOCATION.

3. GAP TO BE PROVIDED IN EXISTING FENCE AND BLOCKED WITH TYPE III BARRICADES DURING CONSTRUCTION. ACCESS TO BE PROVIDED THROUGH WORK ZONE FOR CITY AND EMERGENCY VEHICLES.
UP-W Third Mainline – Western Section

Appendix A-5 Proposed Geneva Station Improvements