



Wisconsin Department of Transportation

May 16, 2017

Division of Transportation Systems Development

Bureau of Project Development
 4802 Sheboygan Avenue, Rm 601
 P O Box 7916
 Madison, WI 53707-7916

Telephone: (608) 266-1631
 Facsimile (FAX): (608) 266-8459

NOTICE TO ALL CONTRACTORS:

Proposal #06: 1030-11-71
N-S Freeway, CTH K Interchange
CTH K IC Crossroad
IH 94
Racine County

Letting of June 13, 2017

This is Addendum No. 01, which provides for the following:

Special Provisions

Revised Special Provisions	
Article No.	Description
3	Prosecution and Progress
5	Traffic Meetings and Traffic Control Scheduling
9	Information to Bidders, U.S. Army Corps of Engineers Section 404 Permit
15	3D Model Data
19	Available Documents
20	Geotechnical Investigation Information

Deleted Special Provisions	
Article No.	Description
33	Removing Concrete Median Sloped Nose, Item 204.9165.S.001

Schedule of Items

Revised Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0150	Removing Curb & Gutter	LF	197	-17	180
205.0100	Excavation Common	CY	57,605	6,472	64,077
305.0120	Base Aggregate Dense 1 1/4 Inch	Ton	35,225	12,331	47,556
312.0110	Select Crushed Material	Ton	28,220	970	29,190
371.1000.S	QMP Base Aggregate Dense 1 1/4 Inch Compaction	Ton	35,225	12,331	47,556
455.0605	Tack Coat	Gal	2,306	25	2,331
460.7223	HMA Pavement 3 HT 58-28 S	Ton	6,341	66	6,407

460.7224	HMA Pavement 4 HT 58-28 S	Ton	2,113	22	2,135
460.0120	Asphaltic Surface Driveways and Field Entrances	Ton	179	57	236
465.0125	Asphaltic Surface Temporary	Ton	1,277	2,359	3,636
601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	13,284	581	13,865
601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	4,057	98	4,155
611.8120.S	Cover Plates Temporary	EA	13	2	15
620.0300	Concrete Median Sloped Nose	SF	2,895	-159	2,736
624.0100	Water	MGal	643	198	841
628.2004	Erosion Mat Class I Type B	SY	60,692	535	61,227
643.0300	Traffic Control Drums	Day	22,199	10,097	32,296
643.0420	Traffic Control Barricades Type III	Day	6,143	-2,247	3,896
643.0500	Traffic Control Flexible Tubular Marker Posts	Each	23	6	29
643.0600	Traffic Control Flexible Tubular Marker Bases	Each	23	6	29
643.0705	Traffic Control Warning Lights Type A	Day	6,156	1,636	7,792
643.0715	Traffic Control Warning Lights Type C	Day	6,160	2,914	9,074
643.0900	Traffic Control Signs	Day	8,804	-875	7,929
643.0910	Traffic Control Covering Signs Type I	Each	6	-5	1
643.0920	Traffic Control Covering Signs Type II	Each	31	-30	1
643.1050	Traffic Control Signs PCMS	Day	1,713	-1,232	481
643.3000	Traffic Control Detour Signs	Day	54,856	-31,660	23,196
645.0220	Geogrid Type SR	SY	63,855	1,820	65,675
646.0103	Pavement Marking Paint 4-Inch	LF	2,909	17,635	20,544
649.0400	Temporary Pavement Marking Removable Tape 4-Inch	LF	18,164	27,149	45,313
690.0150	Sawing Asphalt	LF	946	385	1,331

Added Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.0165	Removing Guardrail	LF	0	74	74
520.2012	Culvert Pipe Temporary 12-Inch	LF	0	50	50
614.0345	Steel Plate Beam Guard Short Radius	LF	0	74	74
614.0360	Steel Plate Beam Guard Temporary	LF	0	308	308
614.0380	Steel Plate Beam Guard Energy Absorbing Terminal Temporary	EA	0	2	2
614.0390	Steel Plate Beam Guard Short Radius Terminal	EA	0	2	2
646.0123	Pavement Marking Paint 8-Inch	LF	0	36	36
647.0563	Pavement Marking Stop Line Paint 18-Inch	LF	0	270	270
649.0801	Temporary Pavement Marking Removable Tape 8-Inch	LF	0	282	282
649.1200	Temporary Pavement Marking Stop Line Removable Tape 18-Inch	LF	0	543	543
649.1800	Temporary Pavement Marking Arrows Removable Tape	LF	0	1	1
649.2000	Temporary Pavement Marking Words Removable Tape	LF	0	1	1

Deleted Bid Item Quantities					
Bid Item	Item Description	Unit	Old Quantity	Revised Quantity	Proposal Total
204.9165.S	Removing Concrete Median Sloped Nose	SF	159	-159	0

Plan Sheets

Revised Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of changes to sheet)
5	Typical Section – Updated existing pavement structure.
16	Typical Section – Added typical section for shoulder reconstruction under IH94 structures.
54	Plan Details – Revised to include shoulder reconstruction under IH94 structures.
68	Paving Grades – Revised to include shoulder reconstruction under IH94 structures.
84	Erosion Control – Revised slope intercepts due to temporary widenings required for construction staging revisions.
169	Pavement Marking – Revised pavement marking under IH94 structures (2 lanes instead of 3)
174	Traffic Control Legend – Revised Legend to include new pavement marking.
175-179	Traffic Control – Stage 1 – Revised staging to construct east end of CTH K first. Also revised staging for the east end to be able to keep CTH K open during construction.
180-182	Traffic Control – Stage 2 – Revised staging to construct west end of CTH K in Stage 2. (Stage 2 is the same as the original Stage 1.)
188-189	Detour Plan – Changed CTH K West End from Stage 1 to Stage 2.
206	Miscellaneous Quantities (Revised Removing Curb & Gutter item and removed Removing Concrete Median Sloped Nose item since removal of the sloped nose with curb and gutter is no longer required to maintain access to the Pilot Station and Arby's restaurant).
207	Miscellaneous Quantities (Revised sawing asphalt item for added shoulder work under the IH-94 bridge).
208	Miscellaneous Quantities (Earthwork Summary – Revised earthwork for Division 1, previously named Division 2, for construction staging changes).
209	Miscellaneous Quantities (Revised base aggregate table for construction staging changes). Moved QMP Base Aggregate table and Water table to another page and updated the quantities to reflect the construction staging changes.
210	Miscellaneous Quantities (Concrete Items – Revised layout per new construction staging, including adding a new sheet for the continuation of concrete items. Revised Concrete Median Sloped Nose quantity since removal and replacement of sloped nose on the East Frontage Road is no longer required to maintain access to the Pilot and Arby's).
211	Miscellaneous Quantities (Asphalt Items – Asphaltic Surface Temporary increased per construction staging changes and shoulder work under IH-94 bridge, and the other items changed per calculation error).
212	Miscellaneous Quantities (Concrete Curb & Gutter Items – Revised per construction staging changes).
213	Miscellaneous Quantities (Temporary Culverts table added per construction staging changes).
214	Miscellaneous Quantities (Added notation to table to indicate additional quantities shown elsewhere.)
216	Miscellaneous Quantities (Erosion Control Items – Revised erosion mat quantities).
217	Miscellaneous Quantities (Revised Detour Items table for removal of East End Detour. Also added a table for Covering Signs)
225	Miscellaneous Quantities (Traffic Control table - Revised per construction staging changes).
226	Miscellaneous Quantities (Tubular Markers table – Revised quantities & staging.)
228	Miscellaneous Quantities (Temporary Pavement Marking table - Revised per construction staging changes).
231	Miscellaneous Quantities (Steel Plate Beam Guard table added.)
423-424	Earthwork Detail Sheets – Revised CTH K West End earthwork details for revised grading.
428-429	Earthwork Detail Sheets – Revised side road earthwork details on west end due to revised grading.
430 - 456	Cross Sections – CTH K West End (Revised Stage 1A and 1B to Stage 2A and 2B, respectively).

457 - 481	Cross Sections – CTH K East End (Revised Staging).
482 - 486	Cross Sections – West Frontage Road (Revised Stage 1A and 1B to Stage 2A and 2B, respectively).
487 - 493	Cross Sections – East Frontage Road (Revised Staging).
494 - 495	Cross Sections – Carol Road (Revised Staging).

Added Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was added)
41A	Construction Detail – Added a detail for temporary beam guard needed for Stage 1D temporary widening.
179A - 179U	Traffic Control Stage 1B-1I – Added Stage 1 sub-stages for constructing east end of CTH K under traffic.
181A - 181B	Traffic Control Stage 2A – Added sheets to Stage 2A from original in order to cover CTH K-West End.
209A	Miscellaneous Quantities (Base Aggregate table was revised per construction staging changes and filled the entire sheet. Had to move the QMP Base Aggregate table and Water table to another sheet).
210A	Miscellaneous Quantities (Concrete Items table was revised per construction staging changes and required an addition sheet).
225A	Miscellaneous Quantities (Added page for extended Traffic Control table.)
228A	Miscellaneous Quantities (Added page for extended Temporary Pavement Marking table.)
324A – 324C	SDD – Steel Plate Beam Guard Short Radius Terminal
429A - 429D	Earthwork Detail Sheets – Added earthwork detail tables for areas of temporary pavement that were added due to Stage 1 revisions.
429E – 429AE	Cross Sections (Added cross sections for the temporary pavement areas during Stage 1A, Stage 1B, and Stage 1D). 27 sheets total were added.

Deleted Plan Sheets	
Plan Sheet	Plan Sheet Title (brief description of why sheet was deleted)
183 - 187	Stage 2- Removed remainder of original Stage 2B-2D.
190 - 191	Detour Plan – Original Stage 2 detour for CTH K - East End removed.

Other

Revise the contract time for completion from a completion date of July 20, 2018 to a completion date of May 25, 2018.

The responsibility for notifying potential subcontractors and suppliers of these changes remains with the prime contractor.

Sincerely,

Mike Coleman

Proposal Development Specialist
Proposal Management Section

ADDENDUM NO. 01

1030-11-71

May 16, 2017

Special Provisions

3. Prosecution and Progress.

*Replace entire section titled **A Schedule of Operations** with the following:*

A Schedule of Operations

The schedule of operations shall conform to the requirements described below, unless modifications are approved in writing by the engineer.

Definitions

CTH K IC: CTH K between IH 94 southbound and northbound ramps

CTH K East: CTH K east of IH 94 northbound ramps

CTH K West: CTH K west of IH 94 southbound ramps

Stage 1: Construction of CTH K East

CTH K, the West Frontage Road, and the East Frontage Road are open to traffic. Maintain access to all businesses during this stage.

Stage 1A

- Reconstruct shoulders under IH 94 structures and construct temporary pavement on East Frontage Road.

Stage 1B

- Begin construction of WB CTH K lanes.
- Complete pavement area through CTH K and East Frontage Road intersection needed for Stage 1C.
- Add temporary pavement along the East Frontage Road and CTH K, between Carol Road and Sunflower Drive.

Stage 1C

- Complete construction of WB CTH K lanes and WB CTH K temporary pavement.

Stage 1D

- Begin construction of EB CTH K lanes.
- Complete pavement area through CTH K and East Frontage Road intersection needed for Stage 1E.

Stage 1E

- Complete construction of CTH K EB lanes.

Stage 1F

- Remove WB CTH K temporary pavement and construct proposed WB lanes.

Stage 1G

- Construct west median island and nose at CTH K and East Frontage Road intersection.

Stage 1H

- Construct east median island and nose at CTH K and East Frontage Road intersection.

Stage 1I

- Construct north and south median islands and noses at CTH K and East Frontage Road intersection.

Stage 2: Construction of CTH K West

Stage 2A

- Begin construction of CTH K West
 - Station 11+50 to Station 41+50
- Complete construction of the outside portions of the West Frontage Road
 - Station 2057+00 to Station 4055+00

Close CTH K West. Keep CTH K East and CTH K IC open to through traffic in both directions, and keep IH 94 ramps open. Keep the East Frontage Road and West Frontage Road open to through traffic in both directions.

Stage 2B

- Complete construction of CTH K West
 - Station 11+50 to Station 41+50
- Complete construction of the outside portions of the West Frontage Road
 - Station 2057+00 to Station 4055+00

Continue closure of CTH K West. Keep CTH K East and CTH K IC open to through traffic in both directions, and keep IH 94 ramps open. Keep the East Frontage Road and West Frontage Road open to through traffic in both directions.

*Delete entire section titled **B Closure Restrictions**.*

*Replace entire section titled **Final Completion of Work** with the following:*

Final Completion of Work

Replace standard spec 108.11 paragraph (3) as follows:

The department will assess \$10,000 in daily liquidated damages. These liquidated damages reflect the cost of engineering, supervision, and a portion of road user costs.
stp-108-055 (20130615)

The completion date is based on an expedited work schedule and may require extraordinary forces and equipment; work on Saturdays, Sundays; and work at night.

5. Traffic Meetings and Traffic Control Scheduling.

Replace entire article language with the following:

Every Wednesday by 9:00 AM, submit a detailed proposed 2-week look-ahead traffic closure schedule to the engineer. Type the detailed proposed 2-week look-ahead closure schedule into an excel spreadsheet provided by the engineer. Enter information such as closure dates, duration, work causing the closure and detours to be used. Also enter information such as ongoing long-term closures, emergency contacts and general 2-month look-ahead closure information into the excel spreadsheet.

Attend the SE freeways Traffic Meetings with the engineer between 10:00 AM – 11:00 AM on every Wednesday of the week to discuss and answer questions on the proposed schedule. The meetings take place at the Zoo Interchange Field Office (ZIFO) at 2424 S. 102nd Street in West Allis. Edit,

delete and add closures to the detailed proposed 2-week look ahead schedule, as directed by the engineer, so that proposed closures meet specification requirements. Other edits, deletions or additions unrelated to meeting specification requirements may also be agreed upon between the contractor and engineer during this 10:00 AM meeting. Upon editing, deleting and adding closures to the proposed schedule due to discussion from the 10:00 AM meeting, e-mail the detailed proposed 2-week look-ahead closure schedule to the project's list of stakeholders, including the Statewide Traffic Operations Center as provided by the engineer.

Every Wednesday at 2:00 PM, or as scheduled by the engineer, attend a weekly traffic meeting. The meeting will bring local agencies, project stakeholders, owner managers, owner engineers, contractors, document control and construction engineering personnel together to discuss traffic staging, closures and general impacts. Upon obtaining feedback from the meeting attendees, edit, delete and add information to the detailed 2-week look-ahead closure schedule, as needed. Submit the revised 2-week look-ahead to the engineer.

The contractor's weekly schedule of operations for all actual and anticipated work shall include roadway, lane and ramp closures for the upcoming week beginning on Sunday 12:01 AM and ending on the following Saturday at 11:59 PM. This information will be reviewed by the Department. Modifications to this schedule will be accepted until no later than 12 noon on Thursdays. The final weekly schedule information will be provided to the local media on each Friday at 9:00 AM by department public information personnel.

Wisconsin Lane Closure System Advance Notification

Provide the following advance notification to the engineer for incorporation into the Wisconsin Lane Closure System (LCS).

TABLE 108-1 CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION

Closure type with height, weight, or width restrictions (available width, all lanes in one direction < 16')	MINIMUM NOTIFICATION
Lane and shoulder closures	7 calendar days
Full roadway closures	7 calendar days
Ramp closures	7 calendar days
Full ramp closures	7 calendar days
Detours	7 calendar days
Closure type without height, weight, or width restrictions (available width, all lanes in one direction >16')	MINIMUM NOTIFICATION
Lane and shoulder closures	3 business days
System and service ramp closures	3 business days
Modifying all closure types	3 business days

Discuss LCS completion dates and provide changes in the schedule to the engineer at weekly project meetings in order to manage closures nearing their completion date.
108-057 (20160607)

9. Information to Bidders, U.S. Army Corps of Engineers Section 404 Permit.

Replace paragraph one with the following:

The department has obtained a U.S. Army Corps of Engineers Section 404 Permit and WisDNR 401 Water Quality Certification for work being performed on this project in or adjacent to wetlands. A copy of the permit is available from the regional office by contacting Frank Pritzlaff at (262) 548-5683.

15. 3D Model Data.

Replace paragraph one with the following:

The department will provide for Project 1030-11-71 for informational purposes only (see following disclaimer) detailed 3D proposed and existing model data or portions of data which may include: roadways, temporary roadways, topography, grading, temporary grading, drainage, temporary drainage, structures, temporary structures, utilities, abandoned utilities, FTMS, signals, temporary signals, signs, temporary signs, lighting, temporary lighting, pavement markings, landscaping, wetlands, waterways, railways, geotech soil borings, parcels, fencing, and survey monumentation. The department will provide the above data or portions of the 3D model data electronically consisting of electronic 2D/3D files containing features, points, reference lines, breaklines, area extents lines, profiles, LandXML v1.2 files and/or TIN Civil 3D surfaces in Autocad 2012 dwg files with horizontal datum - NAD-83 (97), vertical datum - NAVD-88 (91), and coordinate projection - Wisconsin County Coordinate System in U.S. survey ft. The department will provide the model data prior to project LET date within 5 business days of a contractor request submitted as follows: by email to frank.pritzlaff@dot.wi.gov.

19. Available Documents.

Replace paragraph two with the following:

These documents are available from Frank Pritzlaff at 141 NW Barstow Street, Waukesha, WI 53187, (262) 548-5683.

20. Geotechnical Investigation Information.

Replace paragraph two with the following:

Available information relative to subsurface exploration, borings, soundings, water levels, elevations or profiles are available for review at the department's Regions office. Contact Frank Pritzlaff, 141 NW Barstow Street, Waukesha, WI 53187, (262) 548-5683.

33. DELETED.

Schedule of Items

Attached, dated May 16, 2017, are the revised Schedule of Items Pages 1 – 16.

Plan Sheets

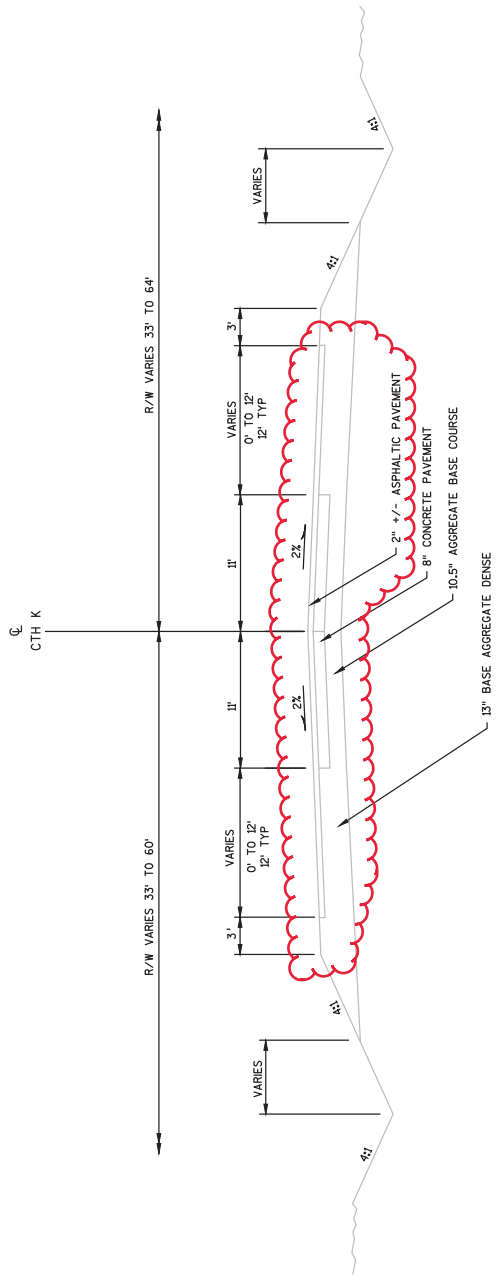
The following 8 1/2 x 11-inch sheets are attached and made part of the plans for this proposal:

Revised: 5, 16, 54, 68, 84, 169, 174-182, 188-189, 206 – 214, 216, 224-226, 228, 231, 423-424, 428-429, and 430 – 495.

Added: 41A, 179A-179U, 181A-181B, 209A, 210A, 225A, 228A, 324A-324C, and 429A-429AE.

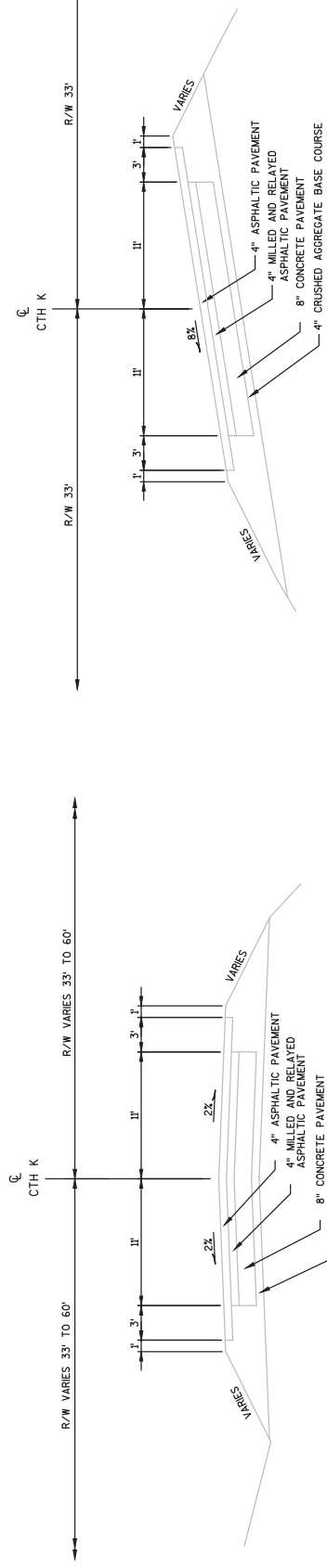
END OF ADDENDUM

Addendum No. 01
ID 1030-11-71
Revised Sheet 5
May 16, 2017



TYPICAL EXISTING SECTION

CTH K
STA 27+36 TO STA 38+00



TYPICAL EXISTING SECTION

CTH K
STA 18+22 TO STA 22+00

PROJECT NO: 1030-11-71

HWY: IH 94/CTH K

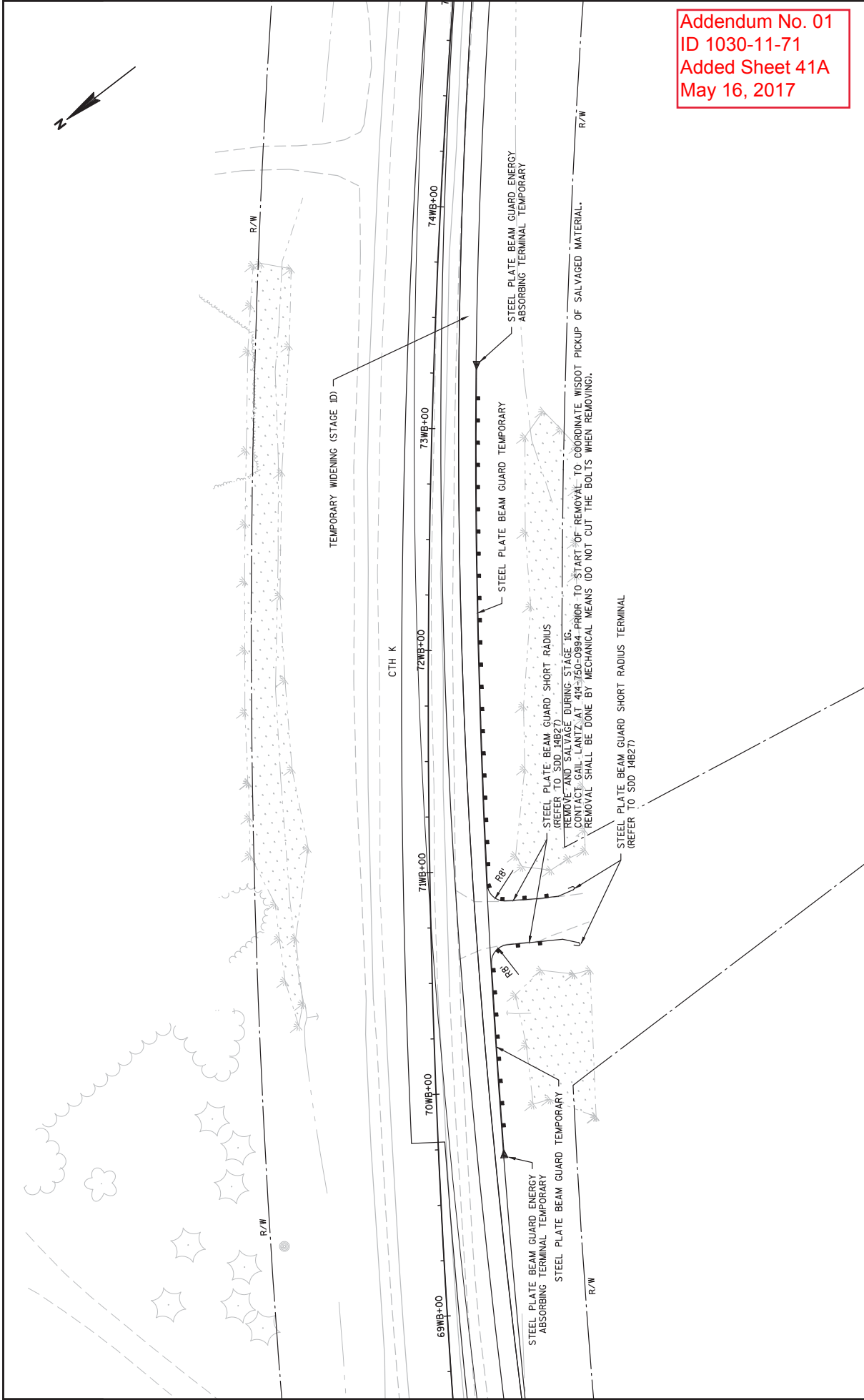
COUNTY: RACINE

TYPICAL EXISTING SECTIONS

SHEET 5

E

FILE NAME : N:\VPOS\CSD\10301100\SHEETS\PLAN\1030-11-71\020301.LTS.DWG
PLOT DATE : 5/16/2017 9:05 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 10:1



Addendum No. 01
 ID 1030-11-71
 Added Sheet 41A
 May 16, 2017

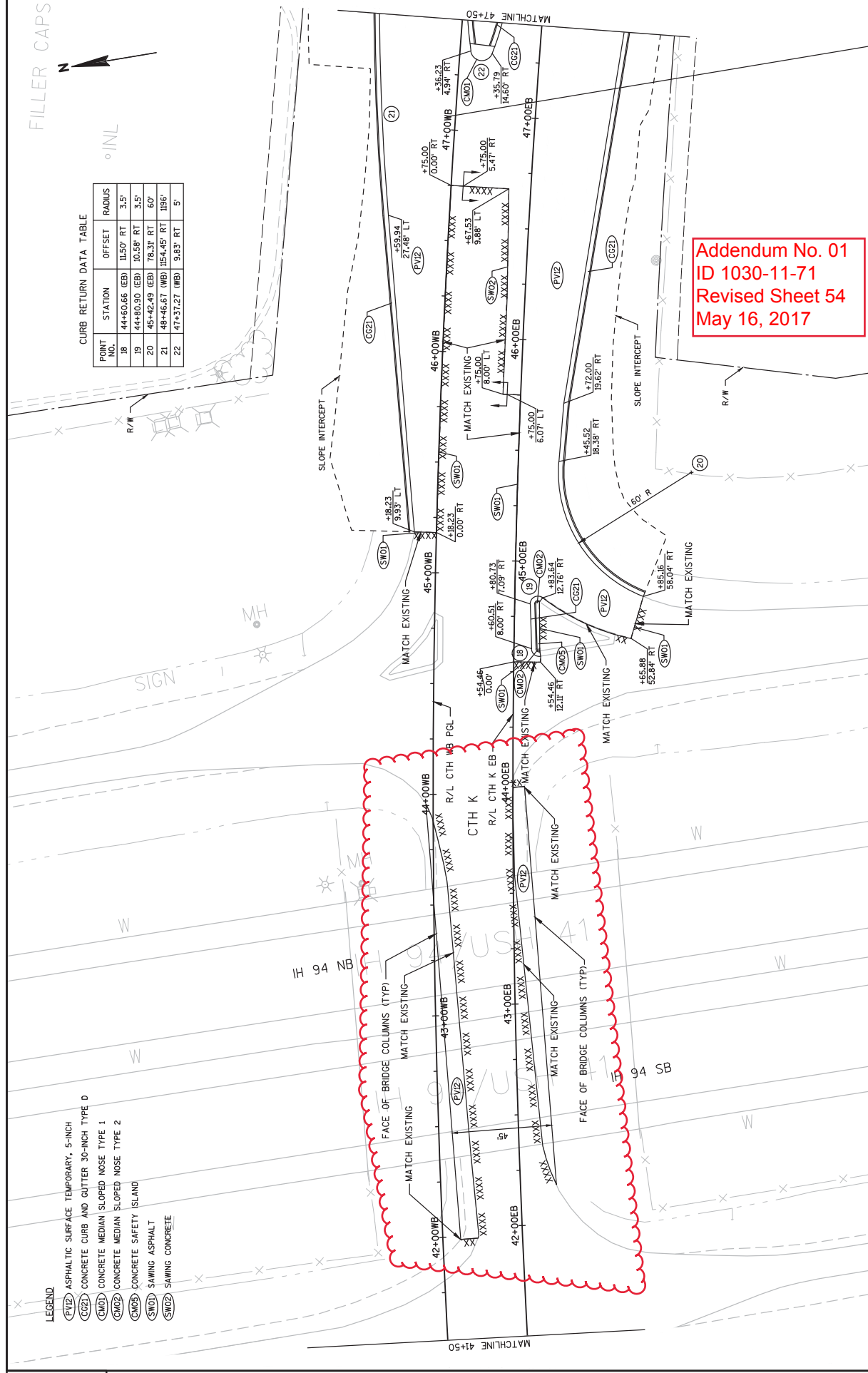
FILLER CAPS

LEGEND

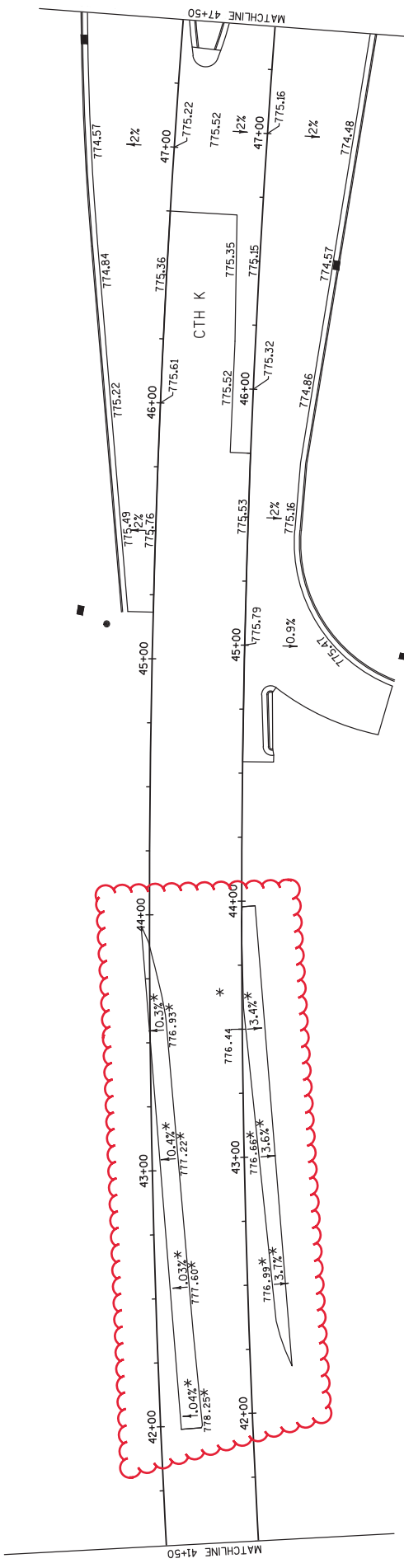
- (FVIZ) ASPHALTIC SURFACE TEMPORARY, 5-INCH
- (C2E) CONCRETE CURB AND GUTTER 30-INCH TYPE D
- (CMO1) CONCRETE MEDIAN SLOPED NOSE TYPE 1
- (CMO2) CONCRETE MEDIAN SLOPED NOSE TYPE 2
- (CMO5) CONCRETE SAFETY ISLAND
- (SND) SAWING ASPHALT
- (SND2) SAWING CONCRETE

CURB RETURN DATA TABLE

POINT NO.	STATION	OFFSET	RADIUS
18	44+60.66 (EB)	11.50' RT	3.5'
19	44+80.90 (EB)	10.58' RT	3.5'
20	45+42.49 (EB)	78.31' RT	60'
21	48+46.67 (WB)	185.45' RT	1896'
22	47+37.27 (WB)	9.83' RT	5'

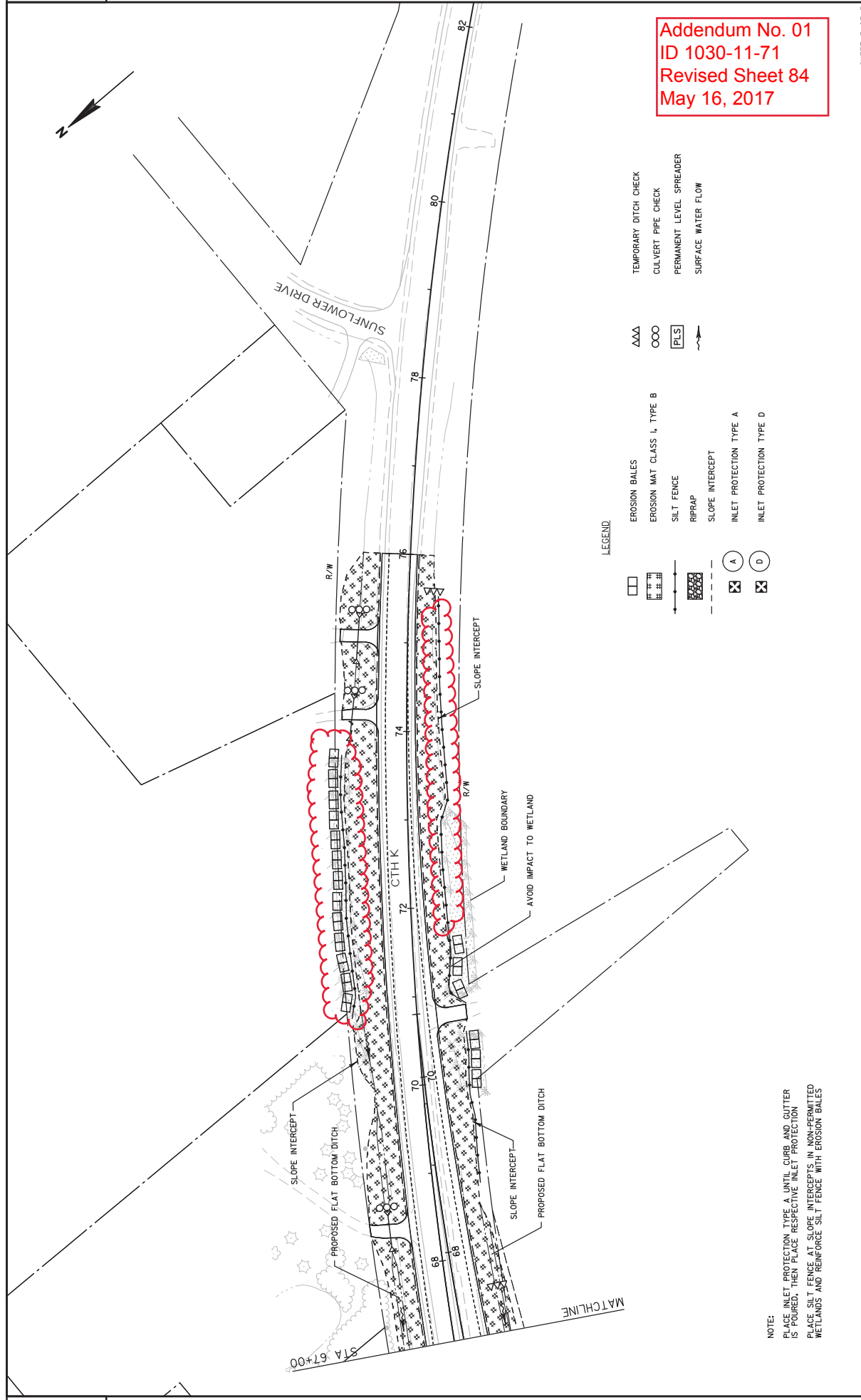


Addendum No. 01
 ID 1030-11-71
 Revised Sheet 54
 May 16, 2017



**Addendum No. 01
ID 1030-11-71
Revised Sheet 68
May 16, 2017**

NOTE:
* MATCH ADJACENT PAVEMENT



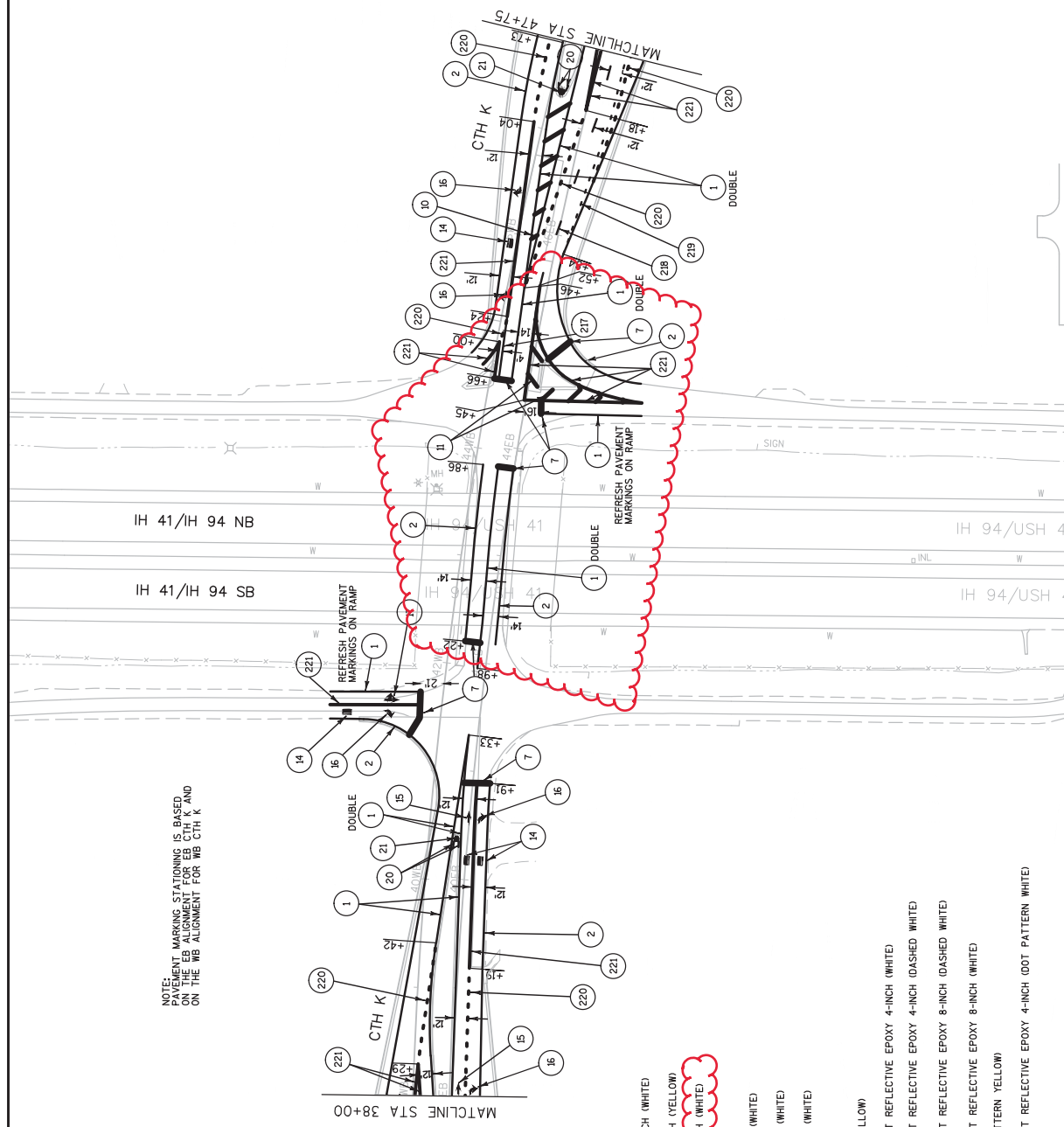
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 84
 May 16, 2017

- LEGEND**
- EROSION BALES
 - ▨ EROSION MAT CLASS I, TYPE B
 - ▧ SILT FENCE
 - ▩ RIPRAP
 - ▭ SLOPE INTERCEPT
 - INLET PROTECTION TYPE A
 - ⊗ INLET PROTECTION TYPE D
 - △△△△ TEMPORARY DITCH CHECK
 - CULVERT PIPE CHECK
 - ▭ PLS PERMANENT LEVEL SPREADER
 - SURFACE WATER FLOW

NOTE:
 PLACE INLET PROTECTION TYPE A UNTIL CURB AND GUTTER IS POURED, THEN PLACE RESPECTIVE INLET PROTECTION
 PLACE SILT FENCE AT SLOPE INTERCEPTS IN NON-PERMITTED WETLANDS AND REINFORCE SILT FENCE WITH EROSION BALES



Addendum No. 01
ID 1030-11-71
Revised Sheet 169
May 16, 2017



NOTE: PAVEMENT MARKING STATIONING IS BASED ON THE WB ALIGNMENT FOR WB CTH K.

LEGEND

- 1 PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
- 2 PAVEMENT MARKING EPOXY 4-INCH (WHITE)
- 7 PAVEMENT MARKING STOP LINE EPOXY 18-INCH (WHITE)
- 10 PAVEMENT MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- 11 PAVEMENT MARKING DIAGONAL EPOXY 12-INCH (WHITE)
- 14 PAVEMENT MARKING WORDS EPOXY (WHITE)
- 15 PAVEMENT MARKING ARROWS EPOXY TYPE 1 (WHITE)
- 16 PAVEMENT MARKING ARROWS EPOXY TYPE 2 (WHITE)
- 17 PAVEMENT MARKING ARROWS EPOXY TYPE 3 (WHITE)
- 20 PAVEMENT MARKING CURB EPOXY (YELLOW)
- 21 PAVEMENT MARKING ISLAND NOSE EPOXY (YELLOW)
- 21T PAVEMENT MARKING GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH (WHITE)
- 21B (2.5 FT LINE 37.5 FT SKIP)
- 220 PAVEMENT MARKING GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH (DASHED WHITE)
- 221 PAVEMENT MARKING GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH (WHITE)
- 225 (2 FT LINE 6 FT SKIP)
- 226 (2 FT LINE 6 FT SKIP)

PROJECT NO: 1030-11-71

HWY: IH 94/CTH K

COUNTY: RACINE

PAVEMENT MARKING

SHEET 169

E

FILE NAME : N:\PDS\330\10301100\SHEETS\PLAN\1030-11-71\A024501.L.PW.DWG LAYOUT NAME - 024503 PLOT DATE : 4/25/2017 2:24 PM PLOT BY : SPAETH, MICHELE L PLOT NAME : COUNTY: RACINE PAVEMENT MARKING PLOT SCALE : 1 IN:100 FT

LEGEND

- ↑ TYPE III BARRICADE
- ↓ TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- ▲ TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- ✱ FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- ⊖ SIGN ON TEMPORARY SUPPORT
- DELINEATOR FLEXIBLE/TUBULAR MARKER
- Ⓐ TYPE A WARNING LIGHT (FLASHING)
- Ⓑ TYPE B WARNING LIGHT (HIGH INTENSITY FLASHING)
- Ⓒ TYPE C WARNING LIGHT (STEADY BURN)
- ▨ CONCRETE BARRIER TEMPORARY PRECAST
- ▩ WORK AREA
- ▧ TEMPORARY PAVEMENT
- ▲ TEMPORARY RAISED PAVEMENT MARKER (ONE WAY REFLECTOR)
- ◆ TEMPORARY RAISED PAVEMENT MARKER (TWO WAY REFLECTOR)
- ⚑ FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- ☒ PORTABLE CHANGEABLE MESSAGE BOARD

- 23 PAVEMENT MARKING PAINT 4-INCH (YELLOW)
- 24 PAVEMENT MARKING PAINT 4-INCH (WHITE)
- 45 TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (YELLOW)
- 46 TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 4-INCH (WHITE)
- 49 TEMPORARY PAVEMENT MARKING REMOVABLE TAPE 8-INCH (WHITE)
- 52 TEMPORARY PAVEMENT MARKING STOPLINE REMOVABLE TAPE 18-INCH (WHITE)
- 94 TEMPORARY PAVEMENT MARKING WORDS REMOVABLE TAPE TYPE 2 (WHITE)
- 95 TEMPORARY PAVEMENT MARKING WORDS REMOVABLE TAPE (WHITE)
- 225 PAVEMENT MARKING STOPLINE PAINT 18-INCH
- 226 PAVEMENT MARKING PAINT 8-INCH (WHITE) (3 FT LINE 12 FT SKIP)
- P PERMANENT PAVEMENT MARKING. SEE PAVEMENT MARKING PLANS.
- PS PERMANENT SIGNING. SEE PERMANENT SIGNING PLANS.

GENERAL NOTES FOR CONSTRUCTION STAGING AND TRAFFIC CONTROL

- 1) ALL TRAFFIC CONTROL SIGNS SHALL BE 36" X 36" UNLESS OTHERWISE NOTED IN THE PLANS.
- 2) "W" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
- 3) TRAFFIC CONTROL DRUMS IN TAPERS SHALL BE EQUIPPED WITH TRAFFIC CONTROL WARNING LIGHTS. TYPE "C", ONE WAY LIGHTS IN TAPERS ONLY. UNLESS OTHERWISE SHOWN, DRUMS SHALL BE SPACED AT 100 FT IN TAPERS AND 100 FT OC ON TANGENTS OR AS OTHERWISE SHOWN.
- 4) SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
- 5) ALL SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE COVERED OR REMOVED AS NEEDED AND/OR AS DIRECTED BY THE ENGINEER. NO "WORKING" LIGHTS SHALL BE VISIBLE ON A COVERED OR LAID DOWN SIGN.
- 6) ALL EXISTING CONFLICTING PAVEMENT MARKING SHALL BE REMOVED.
- 7) A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE "WORK/CLOSED" AREAS IF WARRANTED BY CONDITIONS AND/OR AS DIRECTED BY THE ENGINEER.
- 8) CONTRACTOR SHALL INSTALL PERMANENT SIGNS AND PERMANENT PAVEMENT MARKING WHEN APPROPRIATE DURING CONSTRUCTION STAGING AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
- 9) ADEQUATE TURNING PROVISION SHALL BE MAINTAINED FOR ALL VEHICLES, INCLUDING TRUCKS AS DIRECTED BY THE ENGINEER.

Addendum No. 01
 ID 1030-11-71
 Revised Sheet 174
 May 16, 2017



Addendum No. 01
ID 1030-11-71
Revised Sheet 175
May 16, 2017

CONSTRUCTION
 STAGE IA - CONSTRUCT TEMPORARY PAVEMENT ON EAST FRONTAGE ROAD & RECONSTRUCT SHOULDERS UNDER I94 STRUCTURES.
 STAGE IB - BEGIN CONSTRUCTION OF WB CTH K LANES. COMPLETE PAVEMENT AREA THROUGH CTH K/EFR INTERSECTION NEEDED FOR STAGE IC.
 STAGE IC - COMPLETE CONSTRUCTION OF WB CTH K LANES & WB CTH K TEMPORARY PAVEMENT.
 STAGE ID - BEGIN CONSTRUCTION OF EB CTH K LANES. COMPLETE PAVEMENT AREA THROUGH CTH K/EFR INTERSECTION NEEDED FOR STAGE IE.
 STAGE IE - COMPLETE CONSTRUCTION OF CTH K EB LANES.
 STAGE IF - REMOVE WB CTH K TEMPORARY PAVEMENT AND CONSTRUCT PROPOSED WB LANES.
 STAGE IG - CONSTRUCT WEST MEDIAN ISLAND & NOSE AT CTH K/EFR INTERSECTION.
 STAGE IH - CONSTRUCT EAST MEDIAN ISLAND & NOSE AT CTH K/EFR INTERSECTION.
 STAGE II - CONSTRUCT NORTH & SOUTH MEDIAN ISLANDS & NOSES AT CTH K/EFR INTERSECTION.

TRAFFIC
 CTH K - OPEN TO TRAFFIC
 WEST FRONTAGE ROAD - OPEN TO TRAFFIC
 EAST FRONTAGE ROAD - OPEN TO TRAFFIC

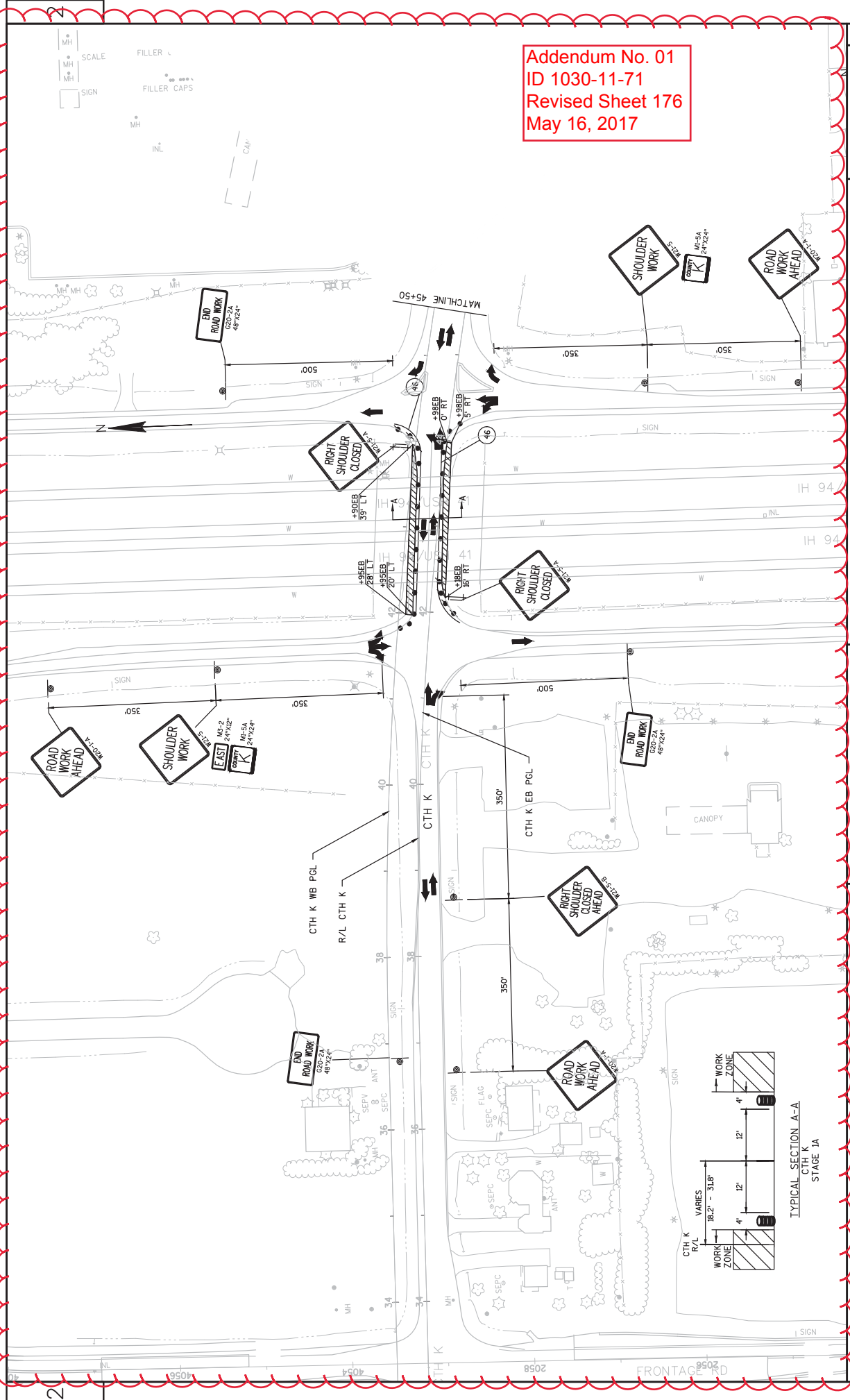


NOTES

TRAFFIC FLOW →

[Hatched Pattern]	WORK ZONE STAGE IA
[Hatched Pattern]	WORK ZONE STAGE IB
[Hatched Pattern]	WORK ZONE STAGE IC
[Hatched Pattern]	WORK ZONE STAGE ID
[Hatched Pattern]	WORK ZONE STAGE IE
[Hatched Pattern]	WORK ZONE STAGE IF
[Hatched Pattern]	WORK ZONE STAGE IG
[Hatched Pattern]	WORK ZONE STAGE IH
[Hatched Pattern]	WORK ZONE STAGE II

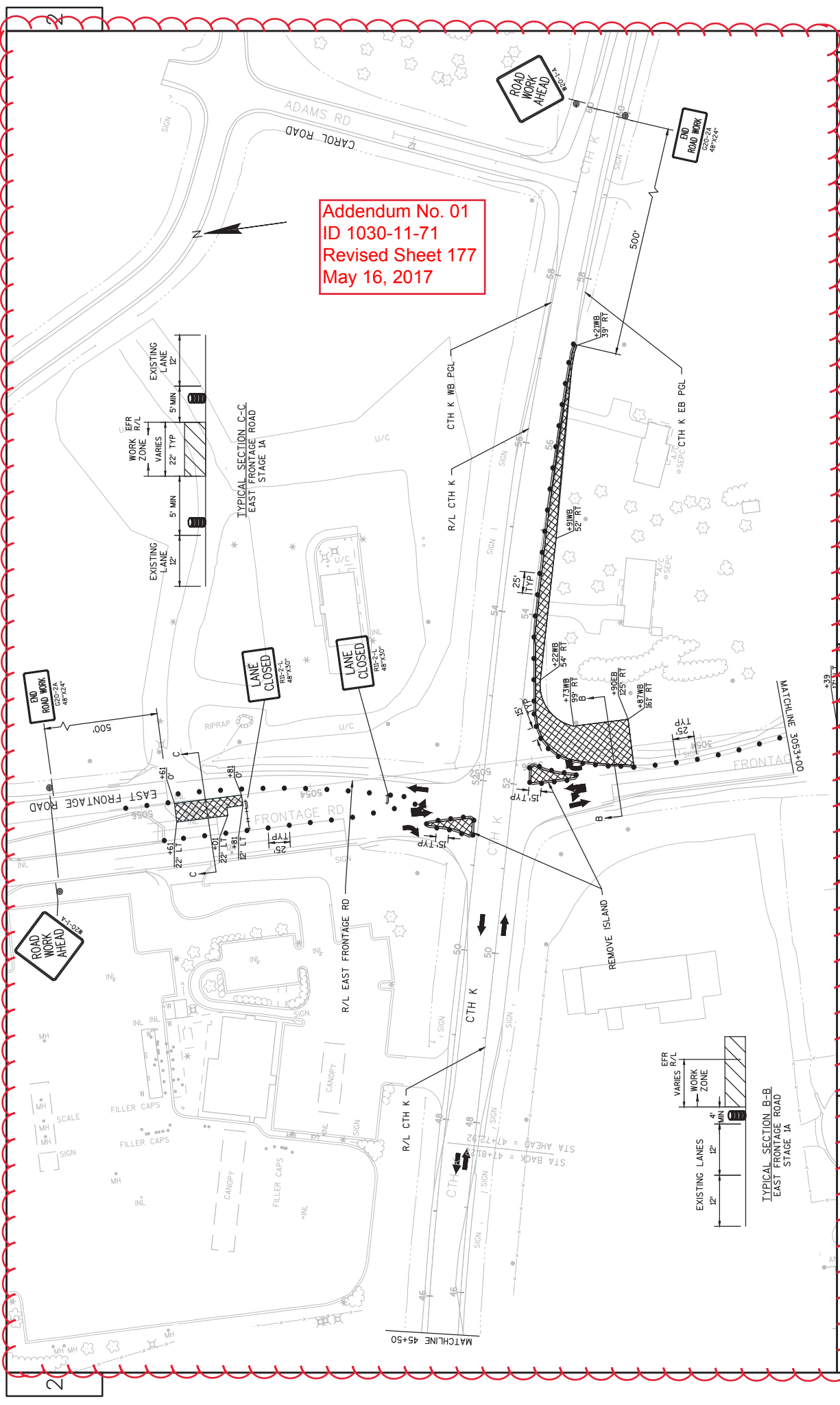
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 176
 May 16, 2017



2

PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 TRAFFIC CONTROL - STAGE 1A
 SHEET 176

FILE NAME : N:\VPOS\CSD\10301100\DESIGN\DELINES\STAGING\OLD\STAGING SHEETS\1A.DWG
 LAYOUT NAME - 025103
 PLOT DATE : 5/10/2017 2:05 PM
 PLOT BY : SPAETH, MICHELE L
 PLOT NAME :
 PLOT SCALE : 1 IN:100 FT
 WSDOT/CADD SHEET 42



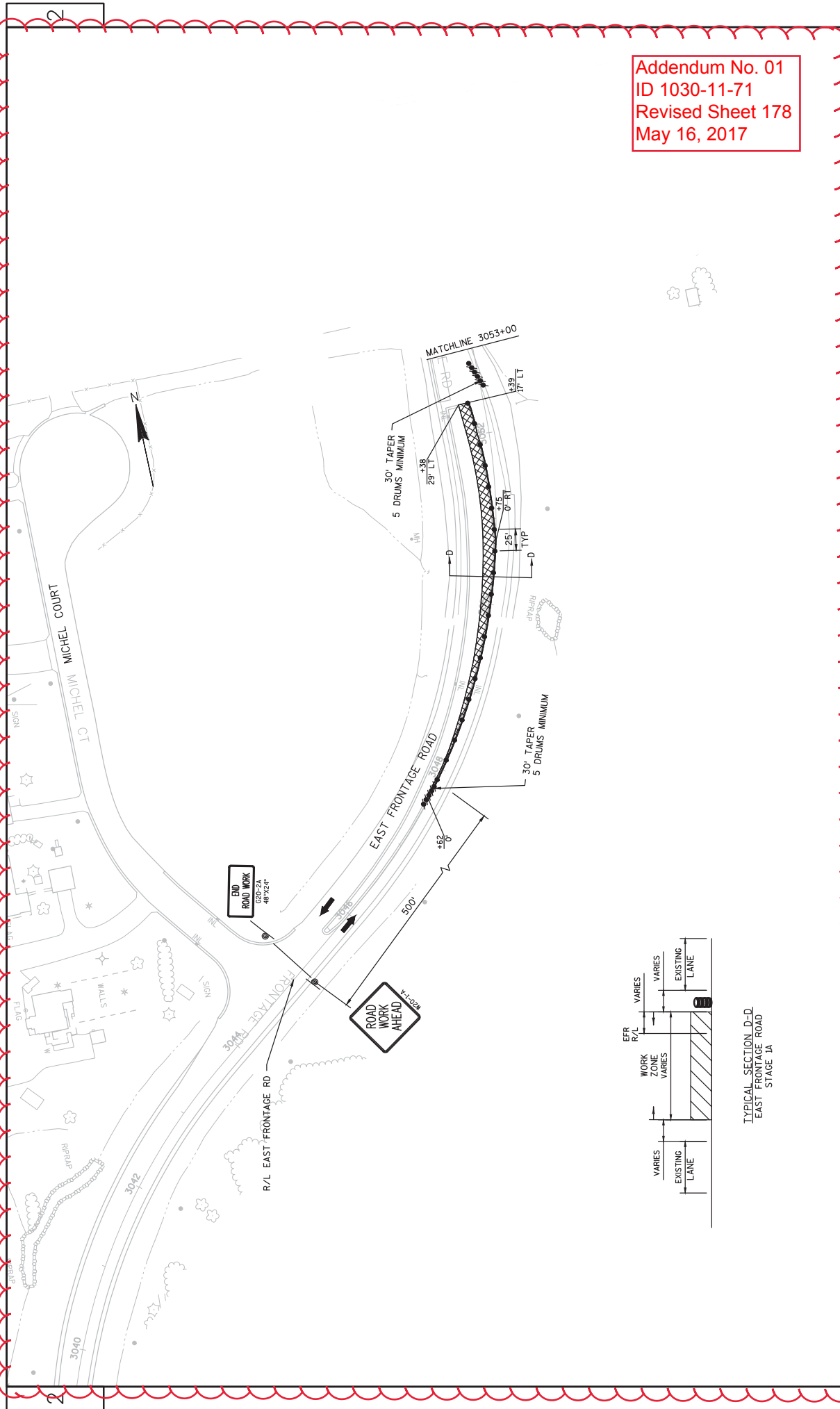
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 177
 May 16, 2017

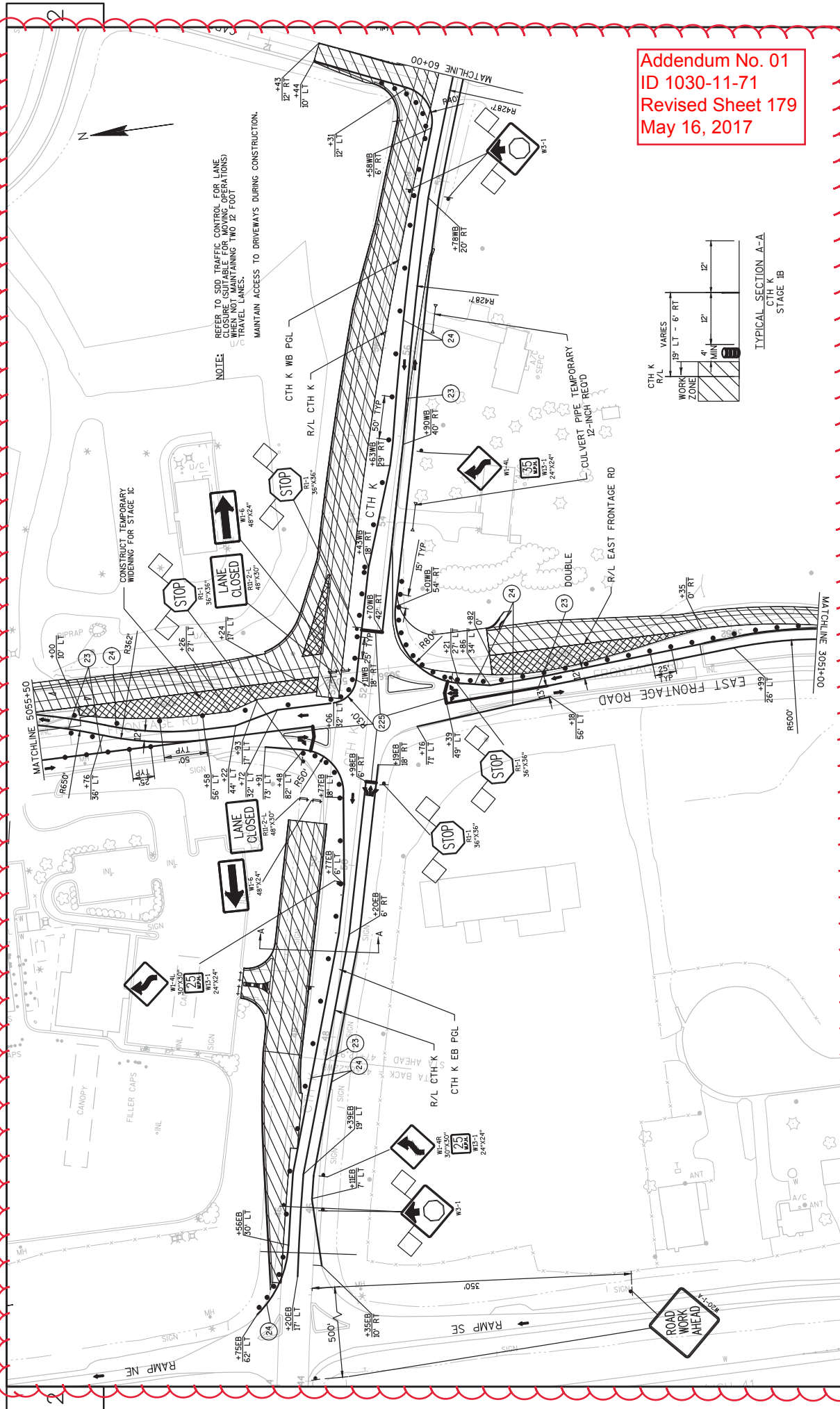
2

2

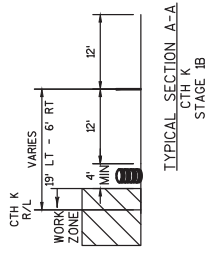
PROJECT NO: 1030-11-71 COUNTY: RACINE TRAFFIC CONTROL - STAGE 1A SHEET 177
 FILE NAME : N:\YPOS\C3D\10301100\DESIGN\DELINES\STAGING\OLD\STAGING SHEETS\1A.DWG PLOT DATE : 5/10/2017 2:06 PM PLOT BY : SPAETH, MICHELE L PLOT NAME : WSDOT/CADD SHEET 42
 LAYOUT NAME - 025104

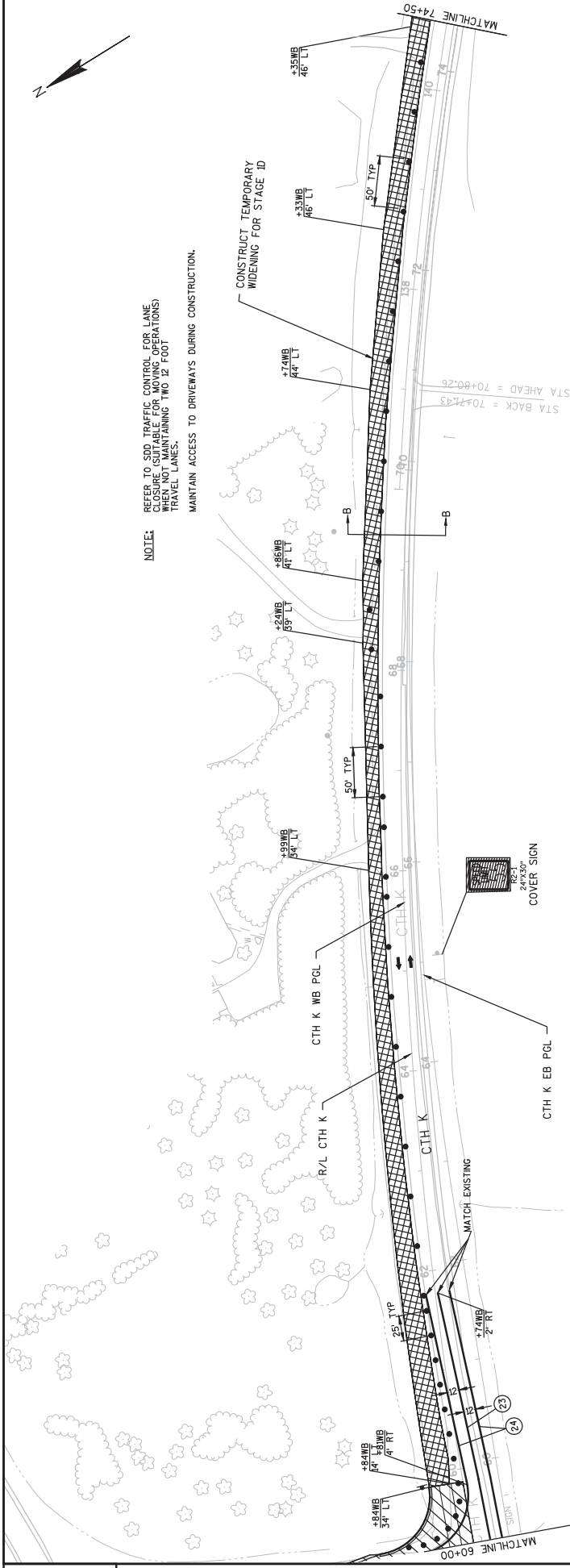
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 178
 May 16, 2017





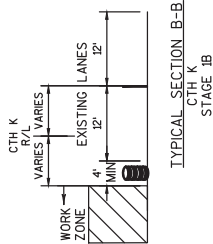
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 179
 May 16, 2017





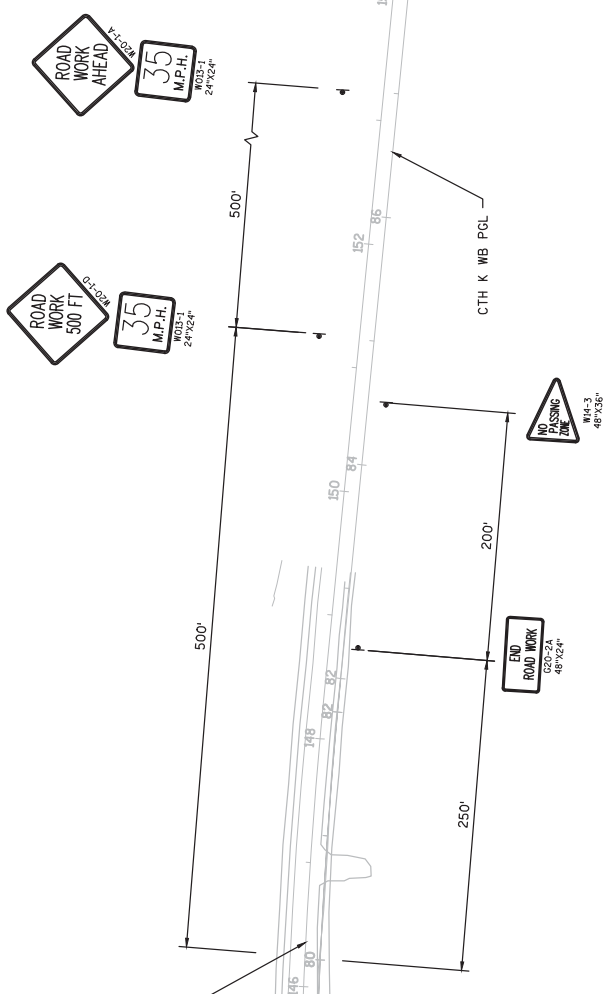
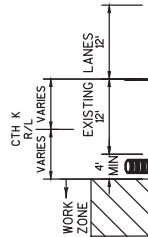
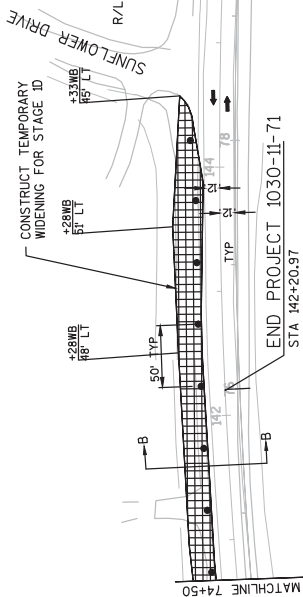
NOTE:
 REFER TO SDD TRAFFIC CONTROL FOR LANE
 CLOSURE OPERATIONS
 WHEN NOT MAINTAINING TWO 12 FOOT
 TRAVEL LANES.
 MAINTAIN ACCESS TO DRIVEWAYS DURING CONSTRUCTION.

Addendum No. 01
 ID 1030-11-71
 Added Sheet 179A
 May 16, 2017

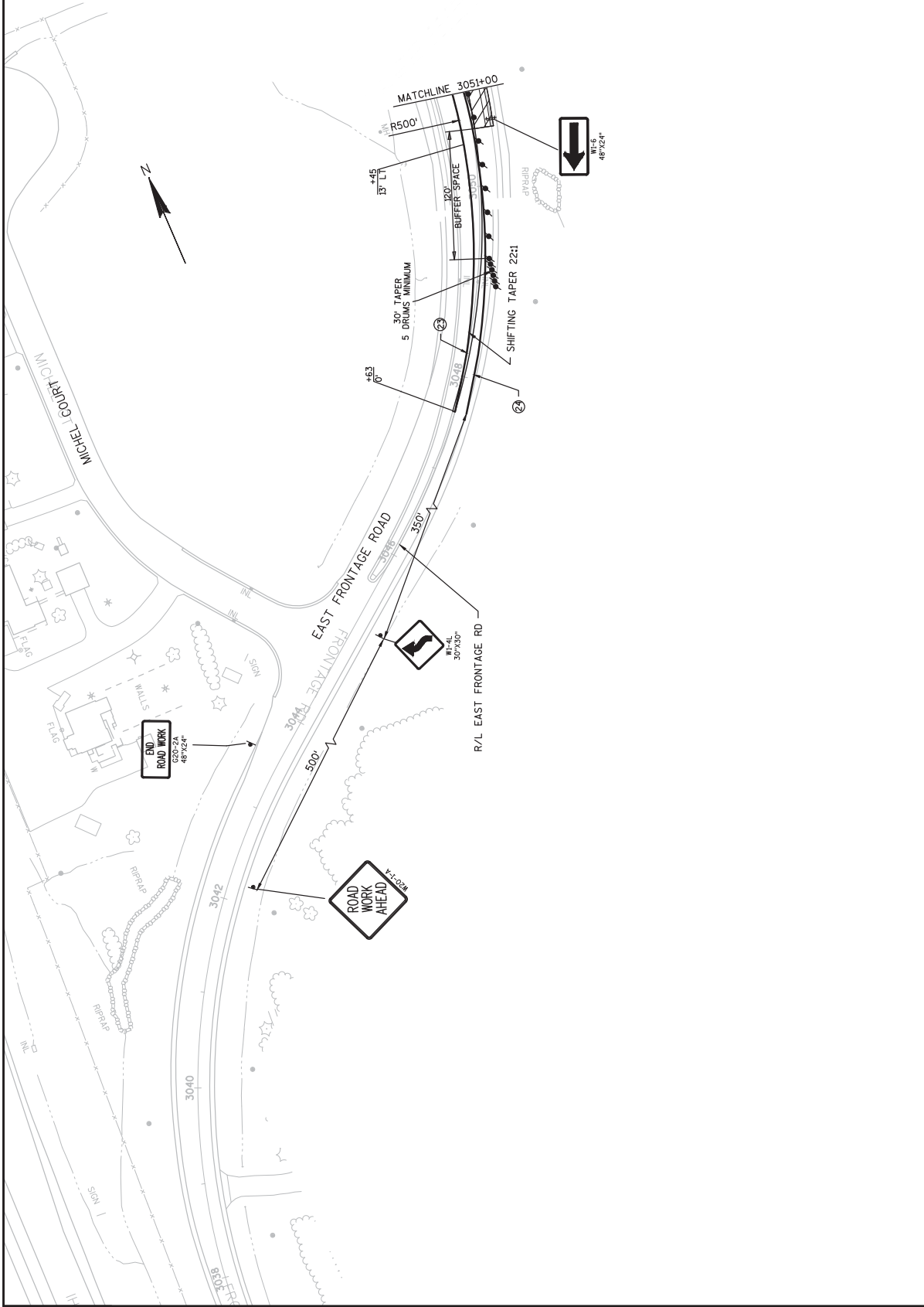




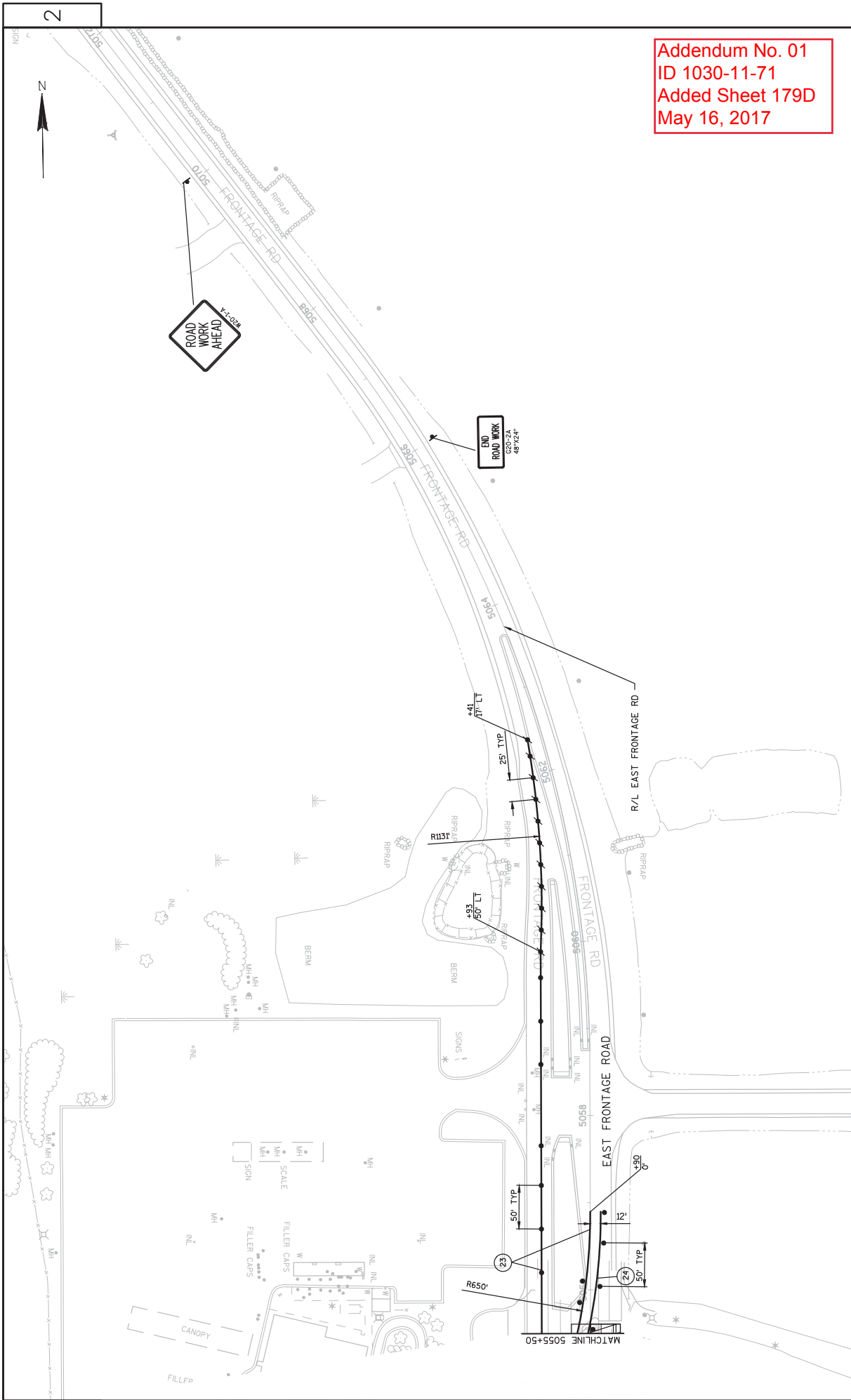
NOTE:
REFER TO SDD TRAFFIC CONTROL FOR LANE
CLOSURE (SUITABLE FOR MOVING OPERATIONS)
WHEN NOT MAINTAINING TWO 12 FOOT
TRAVEL LANES.
MAINTAIN ACCESS TO DRIVEWAYS DURING CONSTRUCTION.



Addendum No. 01
ID 1030-11-71
Added Sheet 179B
May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Added Sheet 179C
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Added Sheet 179D
 May 16, 2017

2

2

PROJECT NO: 1030-11-71

HWY: IH 94/CTH K

COUNTY: RACINE

TRAFFIC CONTROL - STAGE 1B

SHEET 179D

E

FILE NAME : N:\PDS\330\10301100\DESIGN\DELINES\STAGING\01\STAGING SHEETS\1B.DWG

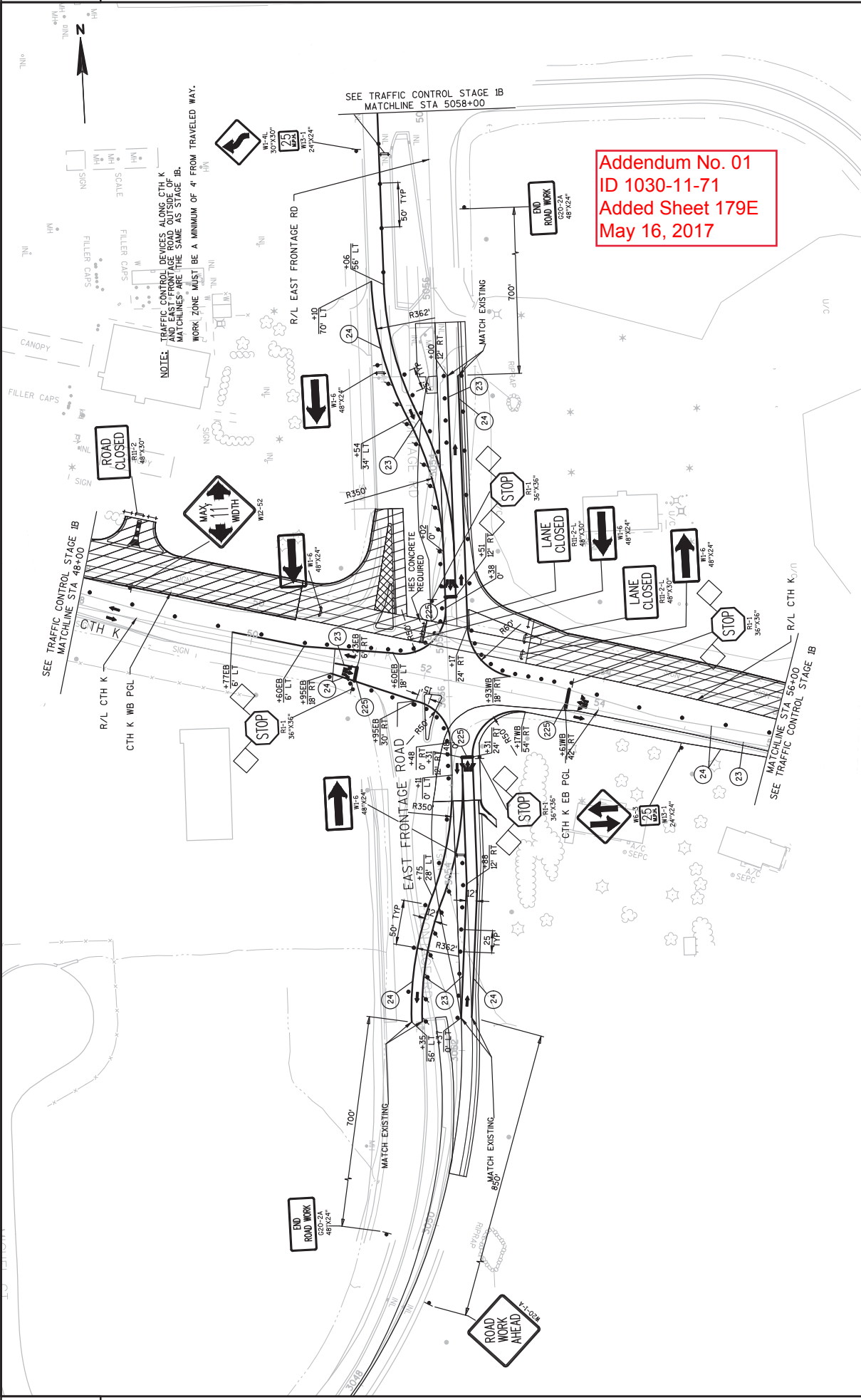
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PLOT SCALE : 1 IN=100 FT

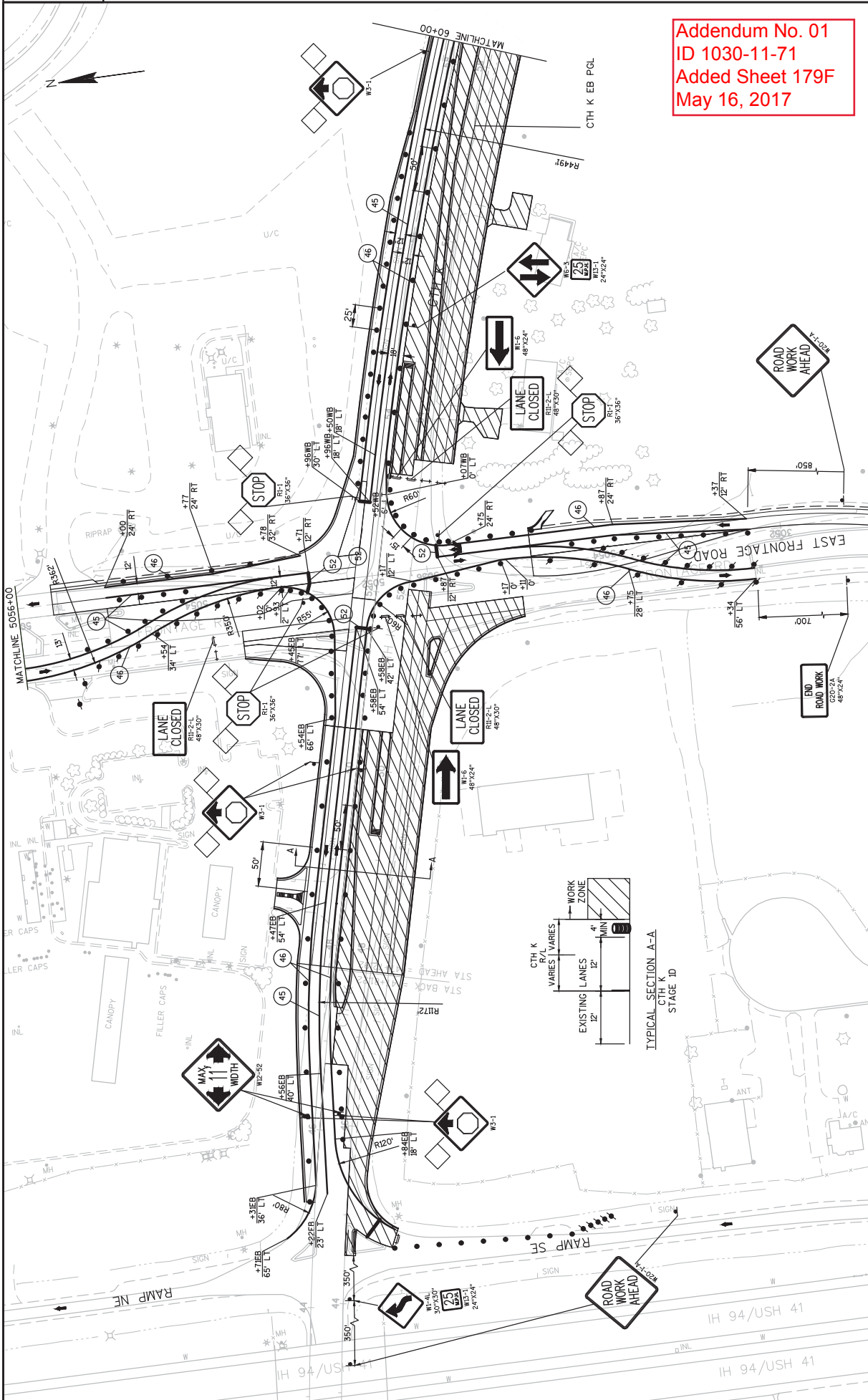
WSDOT/CADD SHEET 42

FLOR BY : SPAETH, MICHELE L

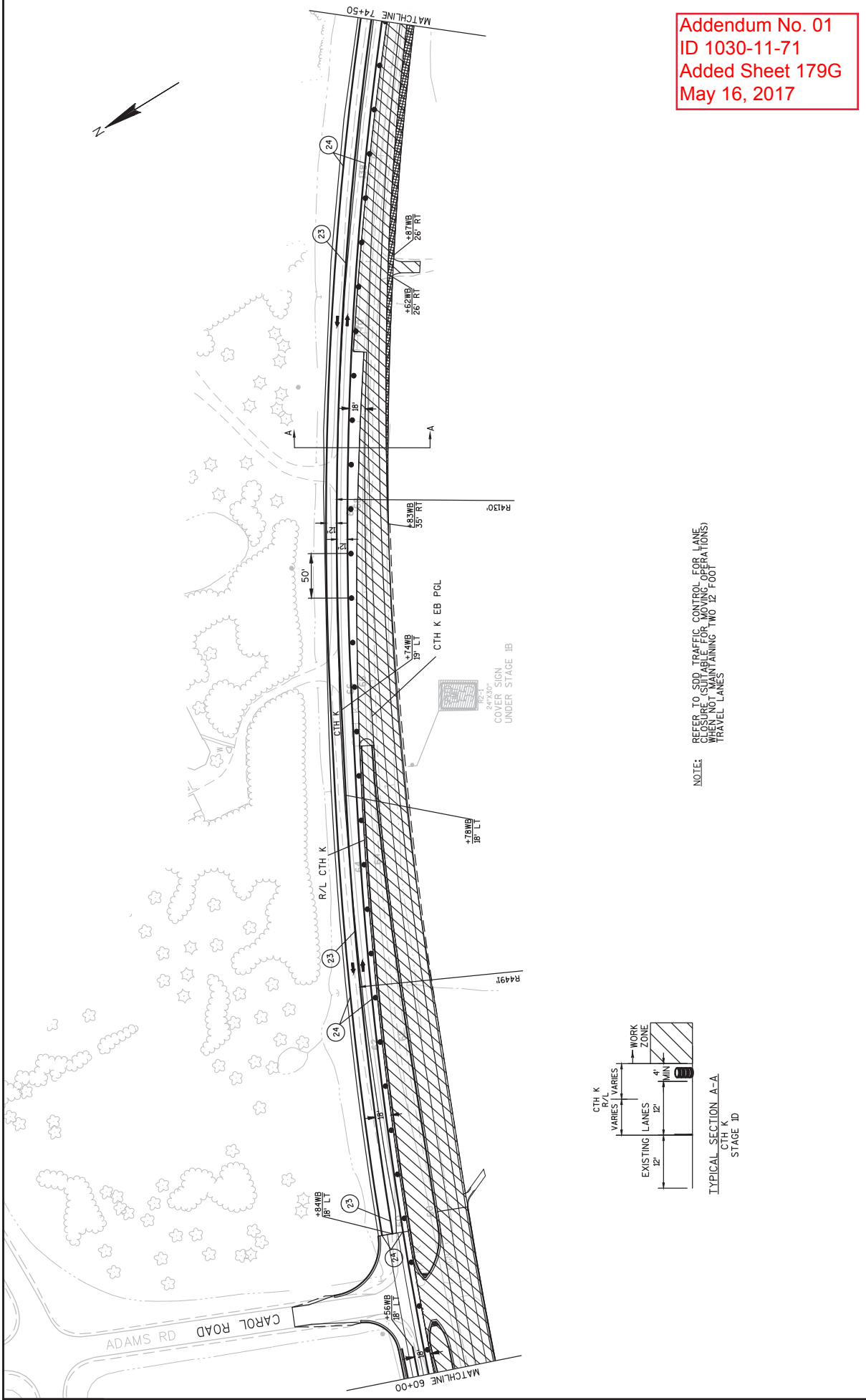
LAYOUT NAME - 025118



Addendum No. 01
 ID 1030-11-71
 Added Sheet 179E
 May 16, 2017

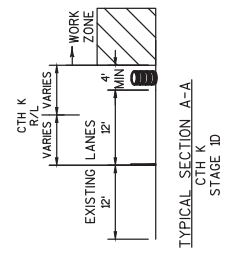


Addendum No. 01
 ID 1030-11-71
 Added Sheet 179F
 May 16, 2017

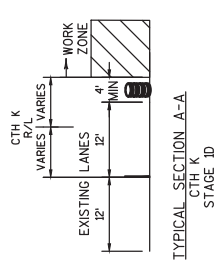
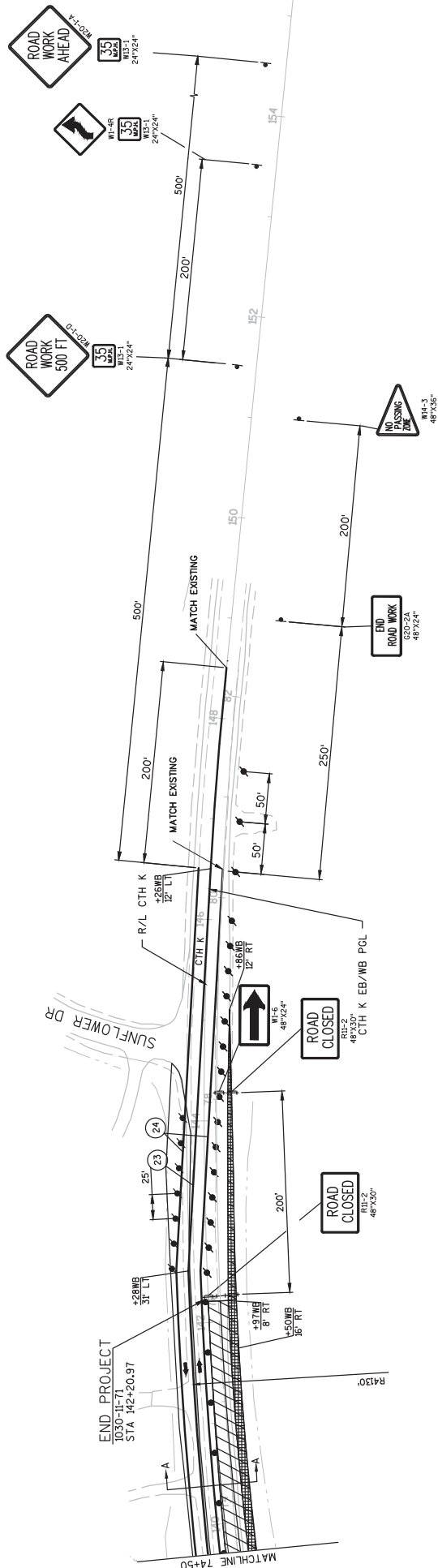


Addendum No. 01
 ID 1030-11-71
 Added Sheet 179G
 May 16, 2017

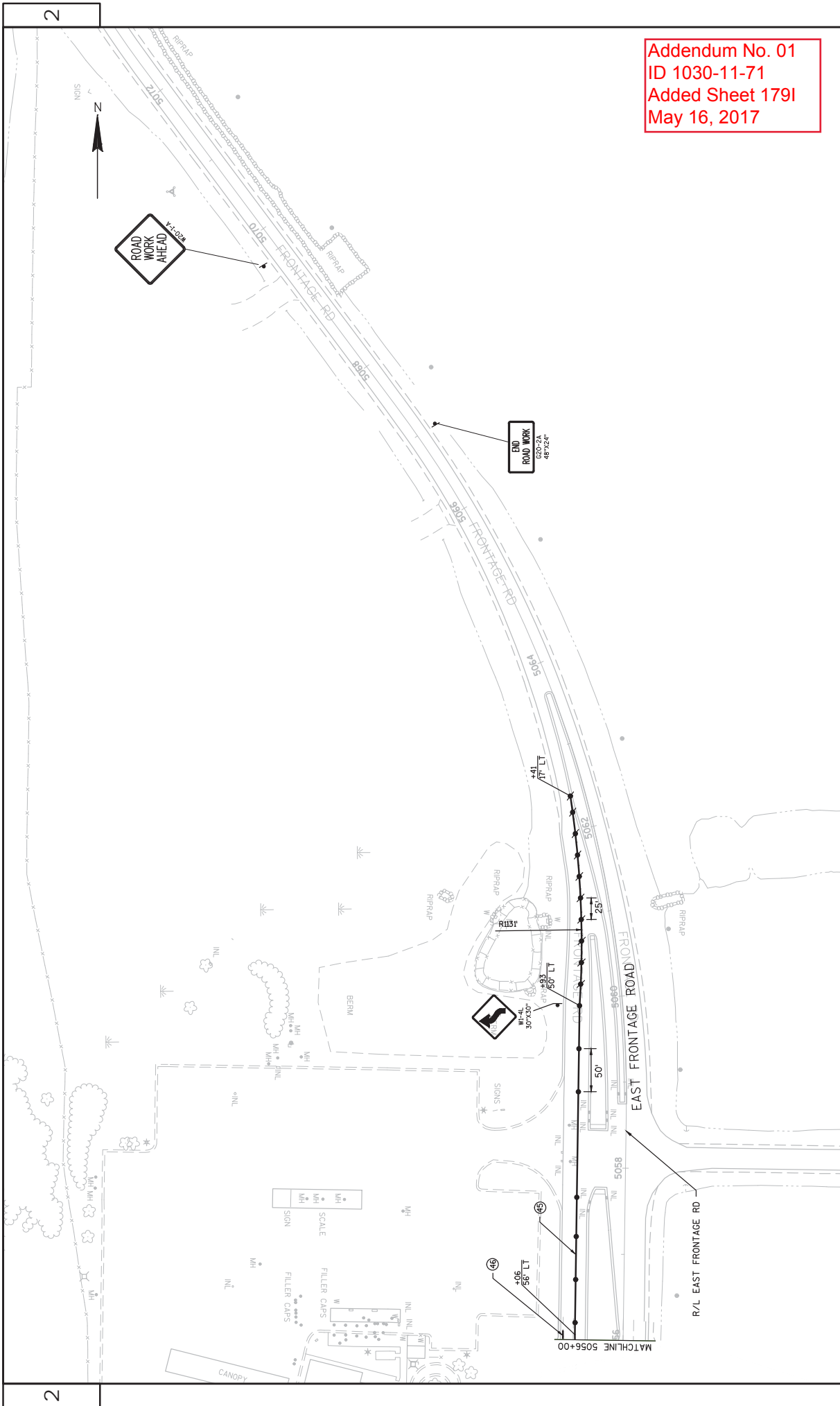
NOTE: REFER TO SDD TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS) TRAFFIC CONTROL NOT CONTAINING TWO 12' FOOT TRAVEL LANES



NOTE: REFER TO SDD TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS) WHEN NOT MAINTAINING TWO 12 FOOT TRAVEL LANES

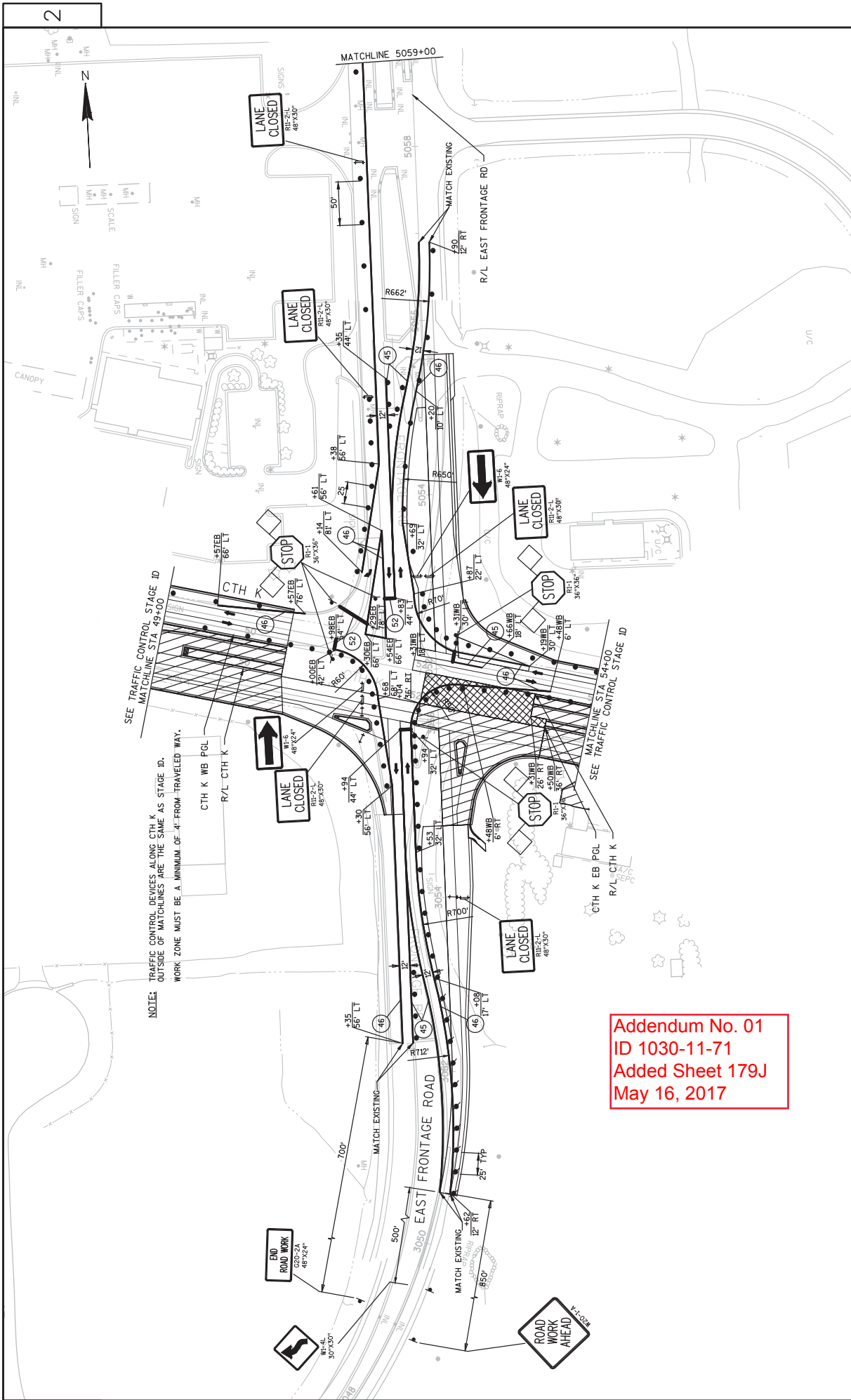


Addendum No. 01
ID 1030-11-71
Added Sheet 179H
May 16, 2017

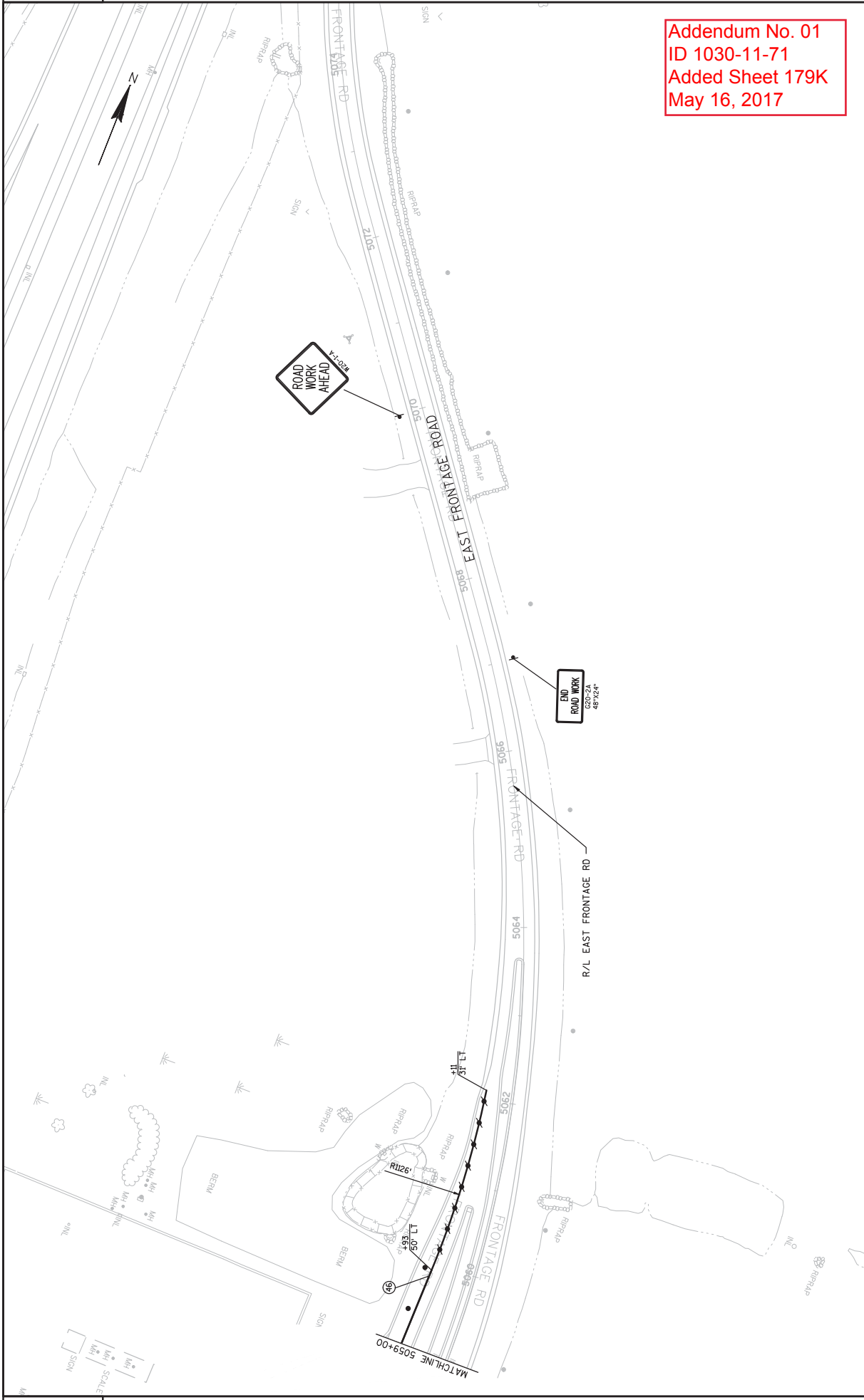


Addendum No. 01
 ID 1030-11-71
 Added Sheet 179I
 May 16, 2017

PROJECT NO: 1030-11-71	HWY: IH 94/CTH K	COUNTY: RACINE	TRAFFIC CONTROL - STAGE 1D	SHEET 179I	E
FILE NAME : N:\PDS\330\10301100\DESIGN\DELINES\STAGING\STAGING SHEETS\2A_050117.DWG					
LAYOUT NAME - 025207					
PLOT DATE : 5/10/2017 2:14 PM					
PLOT BY : SPAETH, MICHELE L					
PLOT NAME : EAST FRONTAGE RD					
PLOT SCALE : 1 IN=100 FT					
WSDOT/CADD SHEET 42					

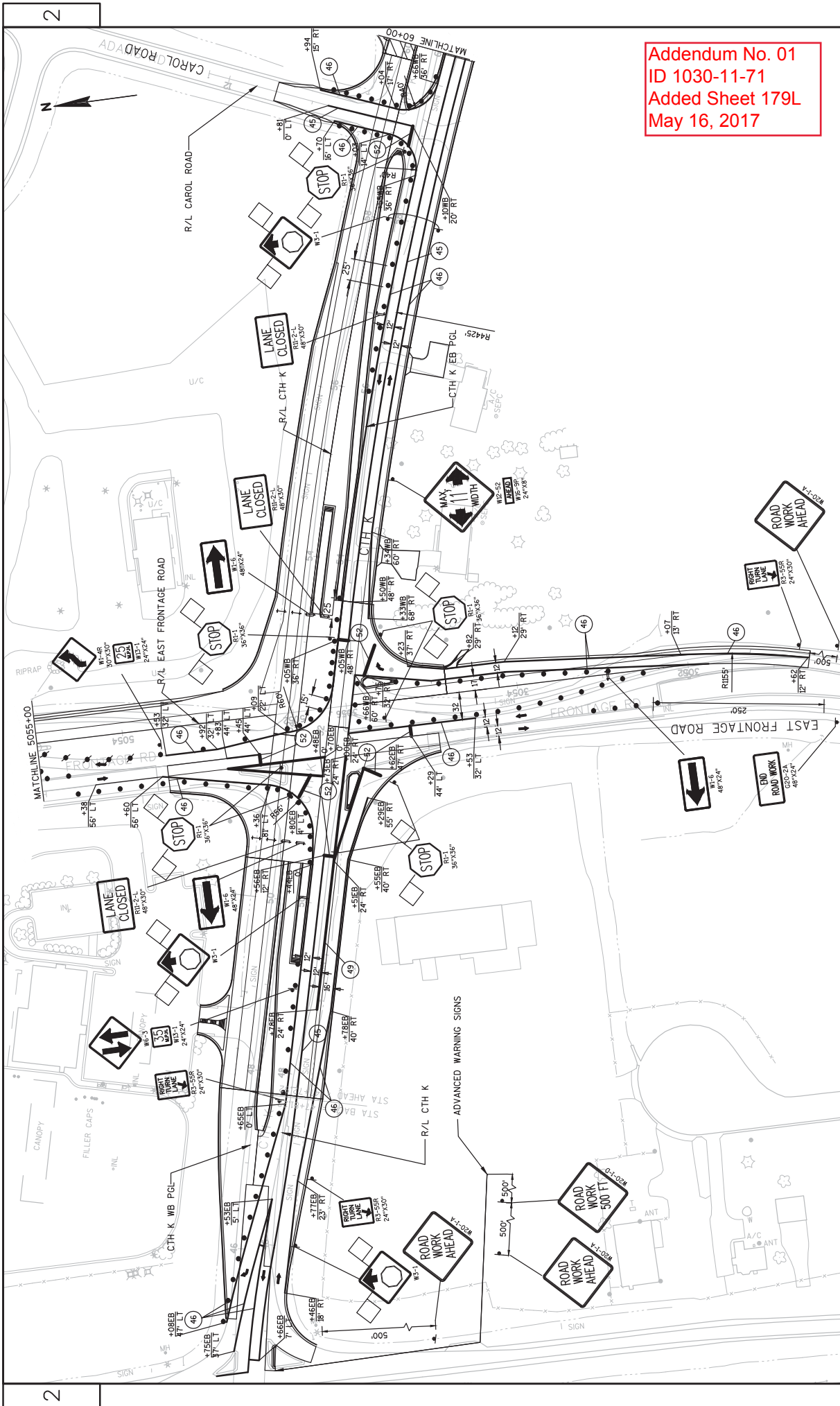


Addendum No. 01
 ID 1030-11-71
 Added Sheet 179J
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Added Sheet 179K
 May 16, 2017

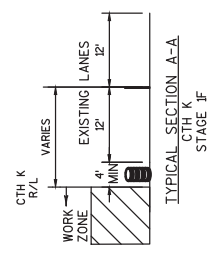
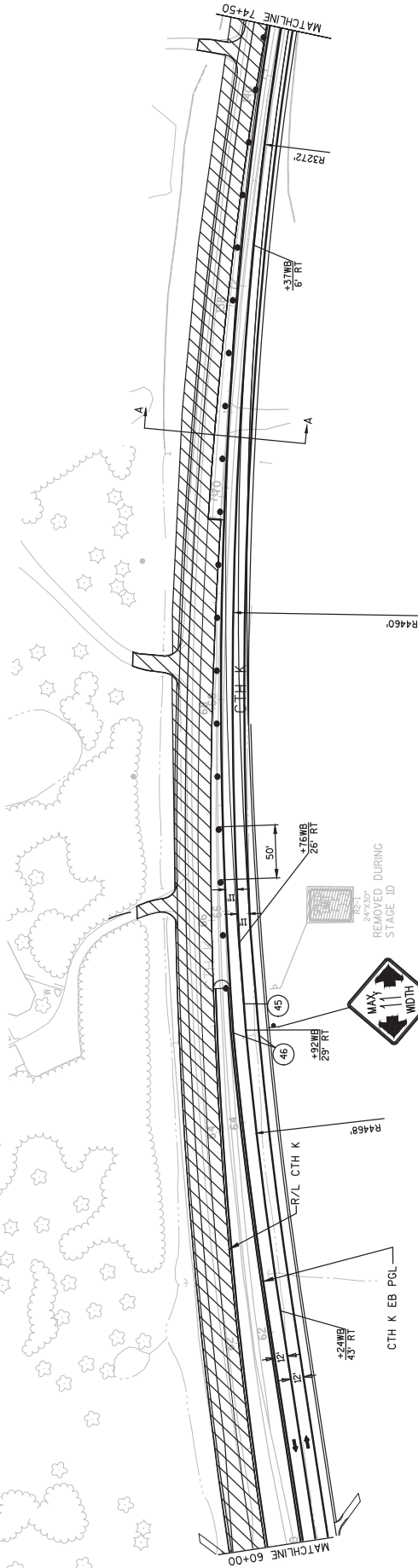
PROJECT NO: 1030-11-71	HWY: IH 94/CTH K	COUNTY: RACINE	TRAFFIC CONTROL - STAGE 1E	SHEET 179K	E
FILE NAME : N:\PDS\330\10301100\DESIGN\DELINES\STAGING\OLD\STAGING SHEETS\VB.DWG					
LAYOUT NAME - 025213					
PLOT DATE : 5/10/2017 2:16 PM					
PLOT BY : SPAETH, MICHELE L					
PLOT NAME :					
PLOT SCALE : 1 IN:100 FT					
WSDOT/CADD SHEET 42					



Addendum No. 01
 ID 1030-11-71
 Added Sheet 179L
 May 16, 2017

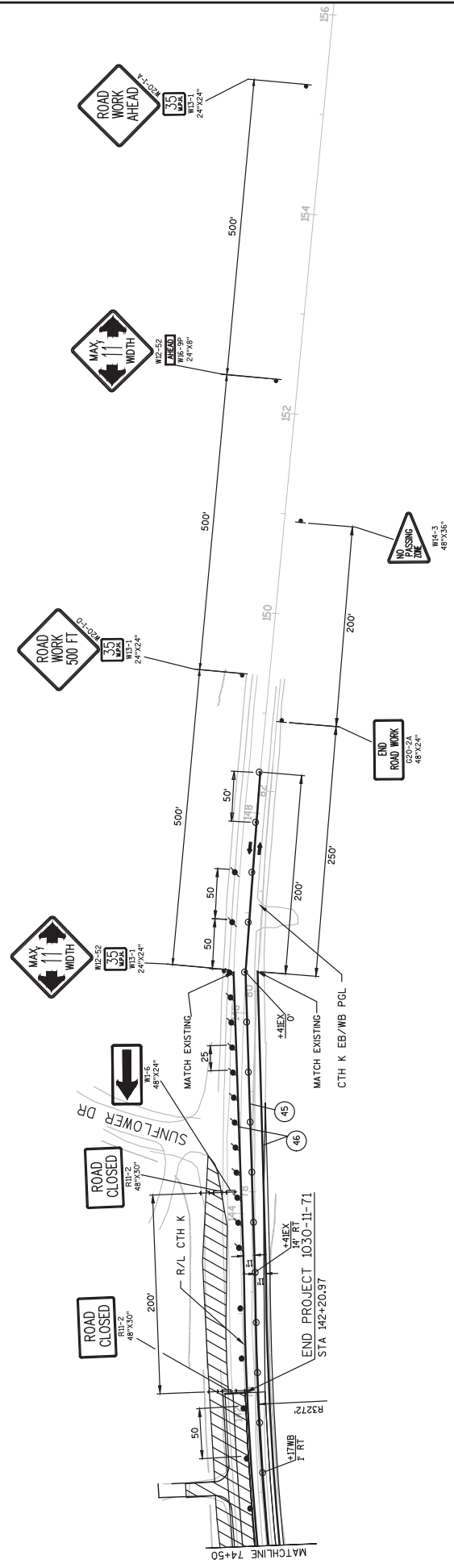


NOTE: REFER TO SDD TRAFFIC CONTROL FOR LANE CLOSURE AND TRAFFIC MOVING OPERATIONS, WHICH MUST MAINTAINING TWO (2) TRAVEL LANES

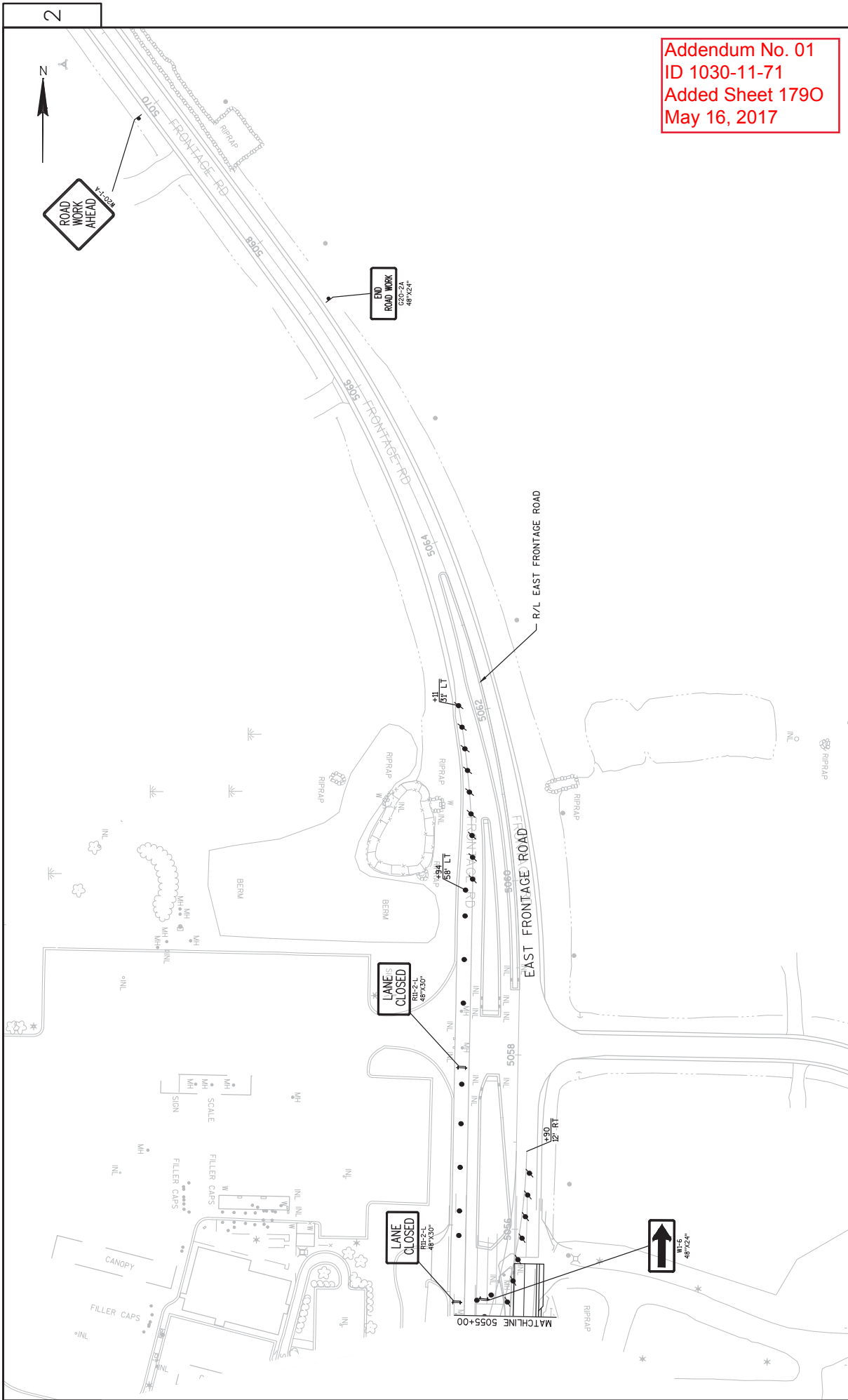


Addendum No. 01
ID 1030-11-71
Added Sheet 179M
May 16, 2017

NOTE: REFER TO SDD TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS) WHEN NOT MAINTAINING TWO 12 FOOT TRAVEL LANES



Addendum No. 01
ID 1030-11-71
Added Sheet 179N
May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Added Sheet 1790
 May 16, 2017

2

2

PROJECT NO: 1030-11-71

HWY: IH 94/CTH K

COUNTY: RACINE

TRAFFIC CONTROL - STAGE 1F

SHEET 1790

E

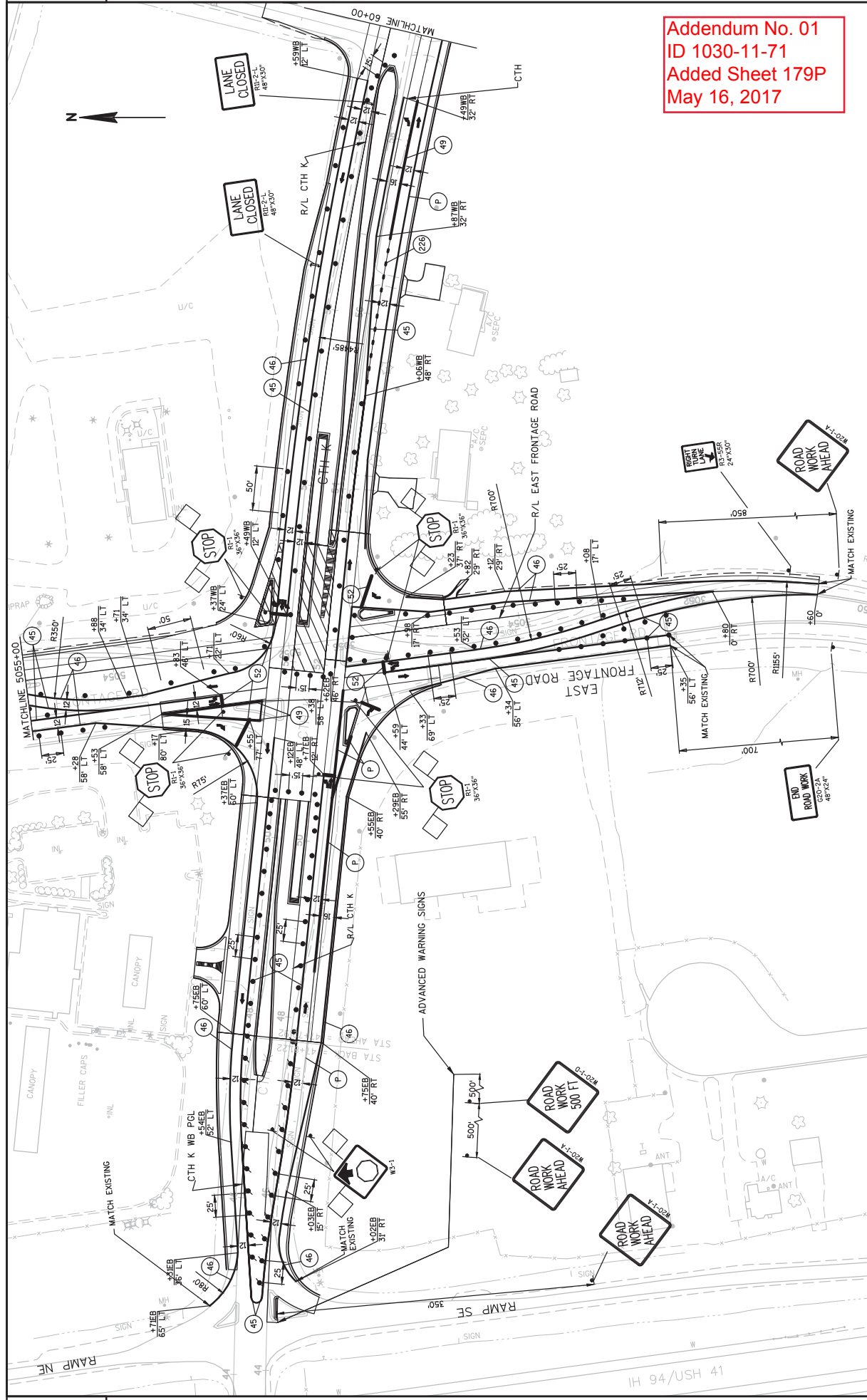
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PLOT BY : SPAETH, MICHELE L

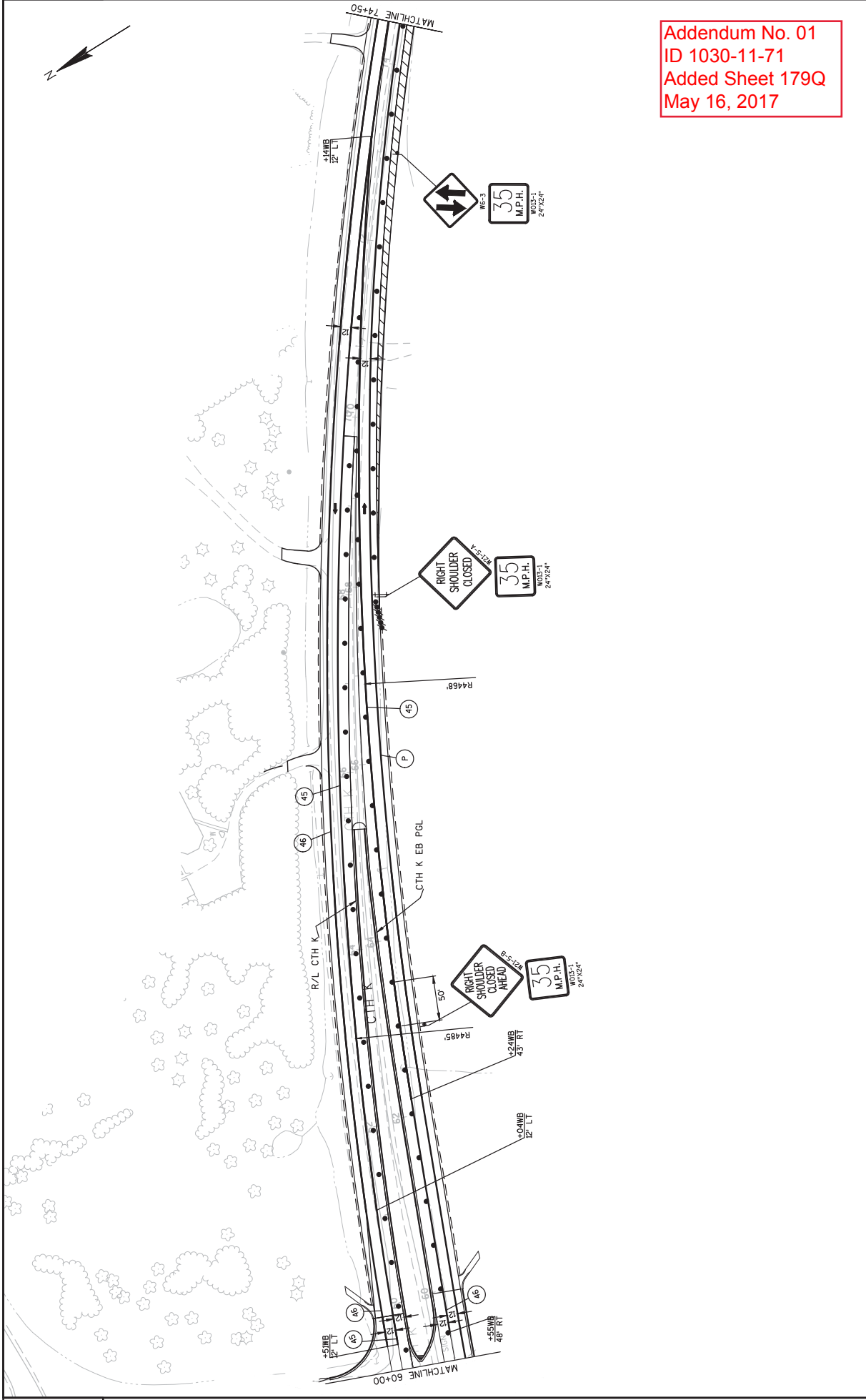
PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WSDOT/CADD SHEET 42



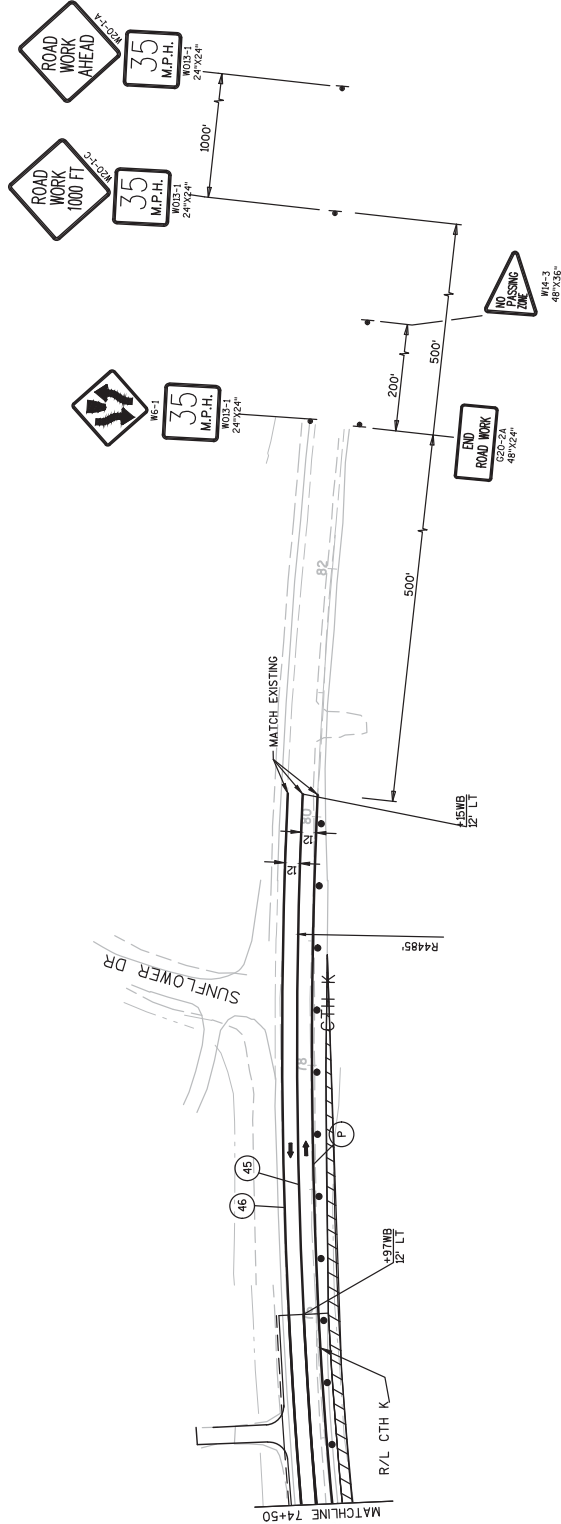
Addendum No. 01
 ID 1030-11-71
 Added Sheet 179P
 May 16, 2017



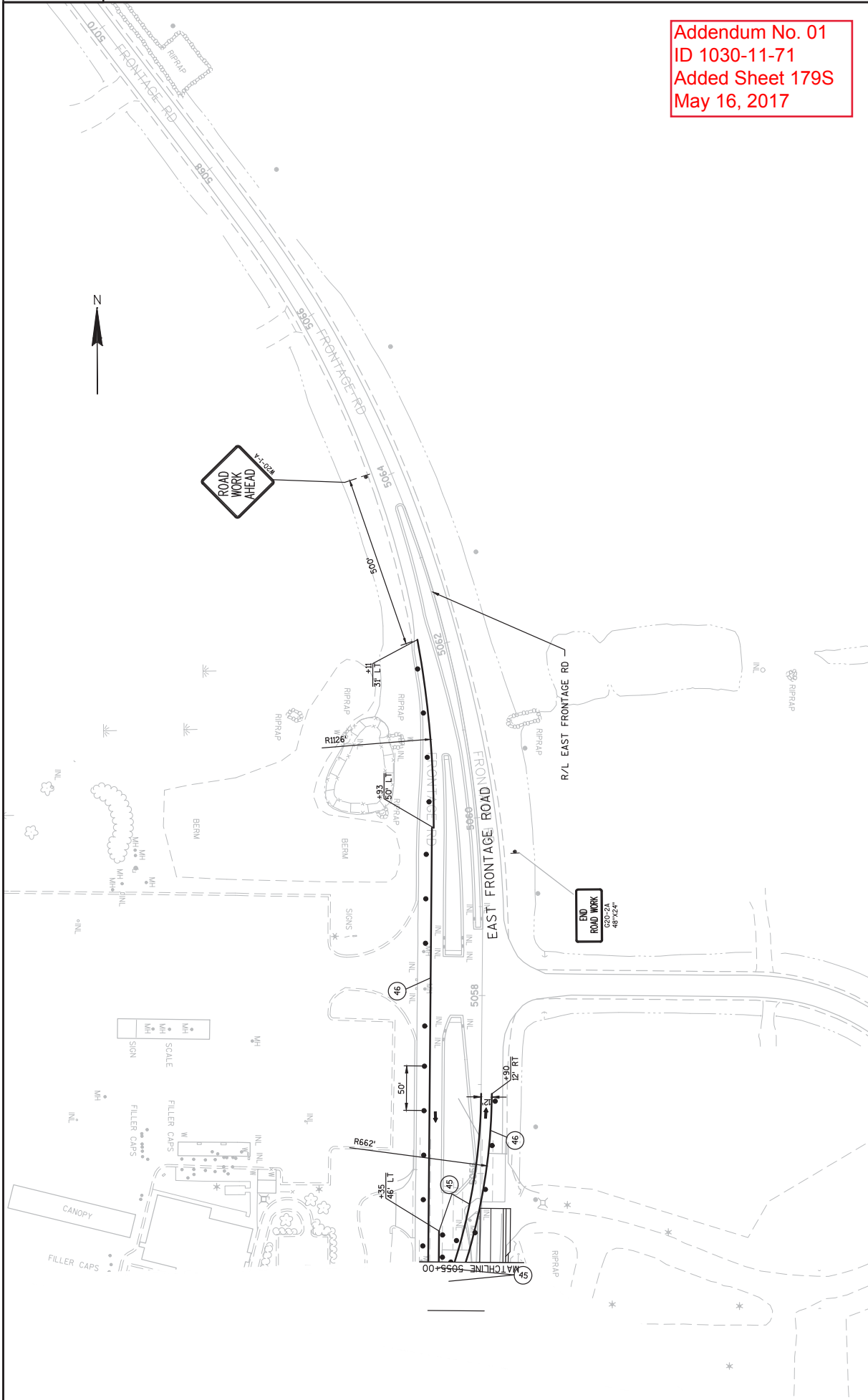
Addendum No. 01
 ID 1030-11-71
 Added Sheet 179Q
 May 16, 2017



Addendum No. 01
ID 1030-11-71
Added Sheet 179R
May 16, 2017

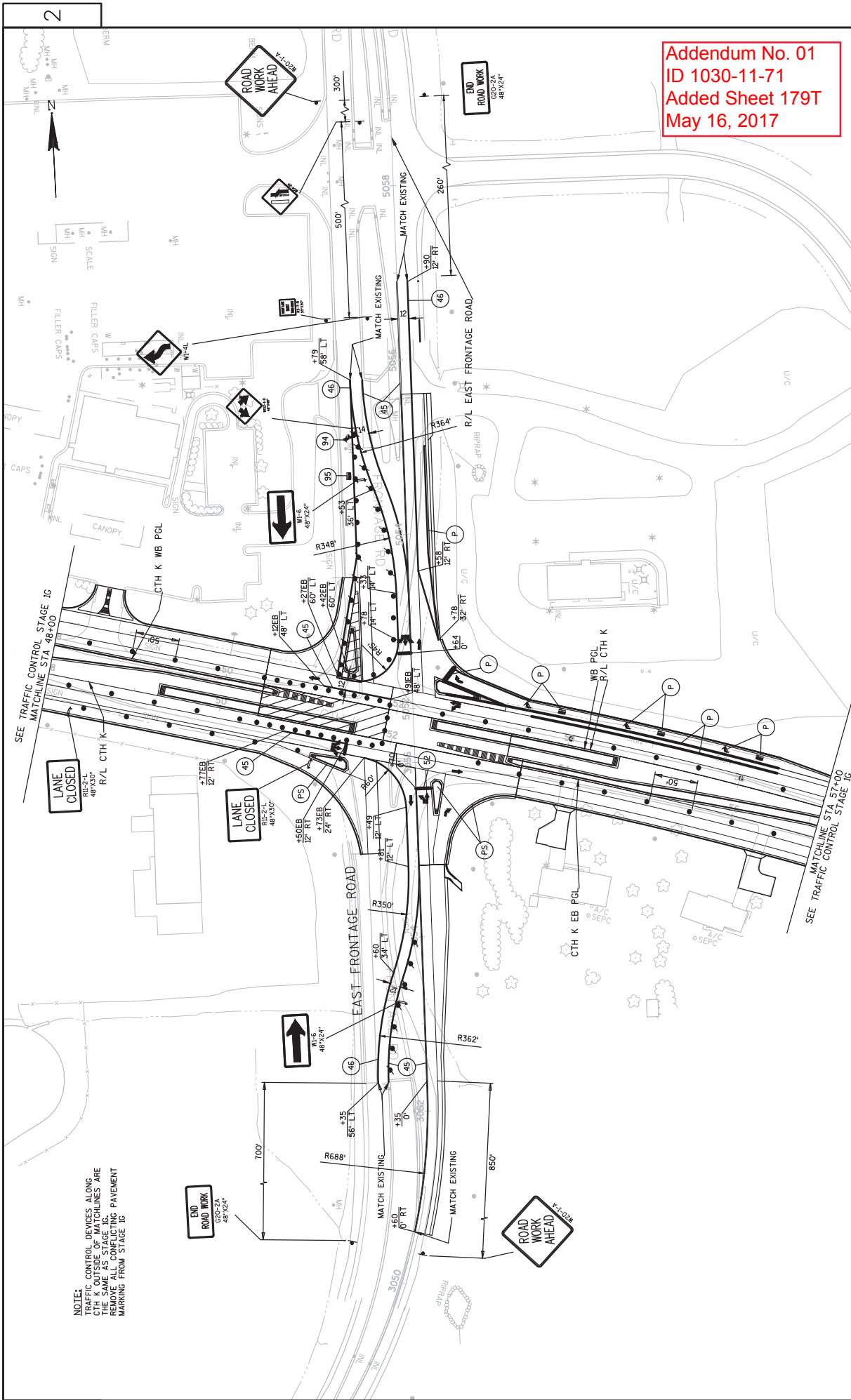


PROJECT NO: 1030-11-71	HWY: IH 94/CTH K	COUNTY: RACINE	TRAFFIC CONTROL - STAGE 1C	SHEET 179R	E
FILE NAME : N:\VPOS\C3D\10301100\DESIGN\REDLINES\STAGING\OLD\STAGING SHEETS\3A.DWG					
LAYOUT NAME - 025306					
PLOT DATE : 5/11/2017 12:15 PM					
PLOT BY : SPAETH, MICHELE L					
PLOT NAME :					
PLOT SCALE : 1 IN:100 FT					
WSDOT/CADD SHEET 42					



Addendum No. 01
 ID 1030-11-71
 Added Sheet 179S
 May 16, 2017





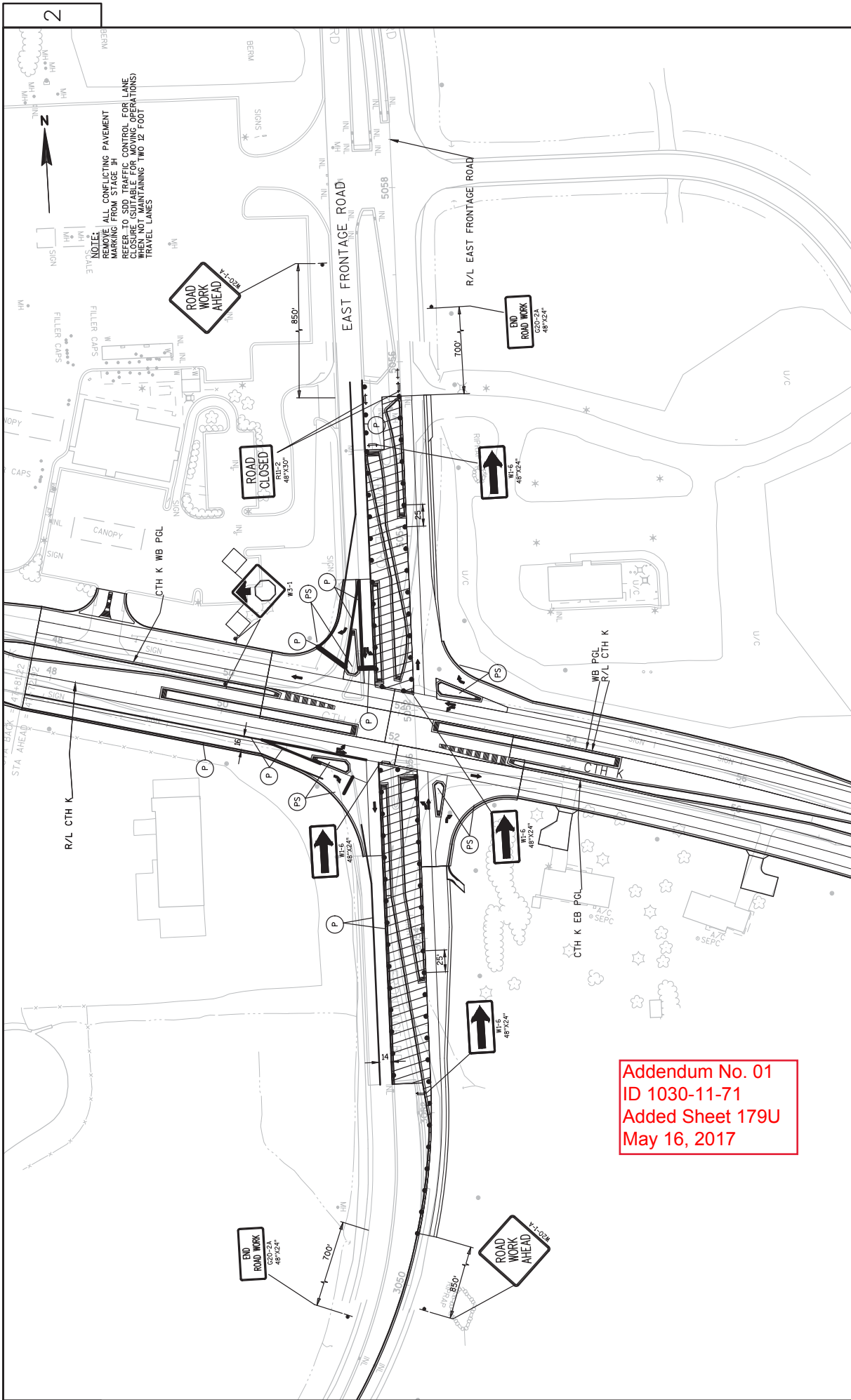
NOTE:
 TRAFFIC CONTROL DEVICES ALONG
 CTH K OUTSIDE OF MATCHLINES ARE
 THE SAME AS STAGE 1G. PAVEMENT
 MARKING FROM STAGE 1G

Addendum No. 01
 ID 1030-11-71
 Added Sheet 179T
 May 16, 2017

2

2

PROJECT NO: 1030-11-71	HWY: IH 94/CTH K	COUNTY: RACINE	TRAFFIC CONTROL - STAGE 1H	SHEET 179T	E
FILE NAME : N:\PDS\330\10301100\DESIGN\DELINES\STAGING\OLD\STAGING SHEETS\3B.DWG			PLOT BY : SPAETH, MICHELE L		
LAYOUT NAME - 025311			PLOT DATE : 5/10/2017 3:10 PM		
			PLOT SCALE : 1 IN=100 FT		



Addendum No. 01
 ID 1030-11-71
 Added Sheet 179U
 May 16, 2017

2

2

PROJECT NO: 1030-11-71

HWY: IH 94/CTH K

COUNTY: RACINE

TRAFFIC CONTROL - STAGE II

SHEET 179U

E

FILE NAME : N:\NPS\C3D\10301100\DESIGN\DELINES\STAGING\OLD\STAGING SHEETS\3C.DWG

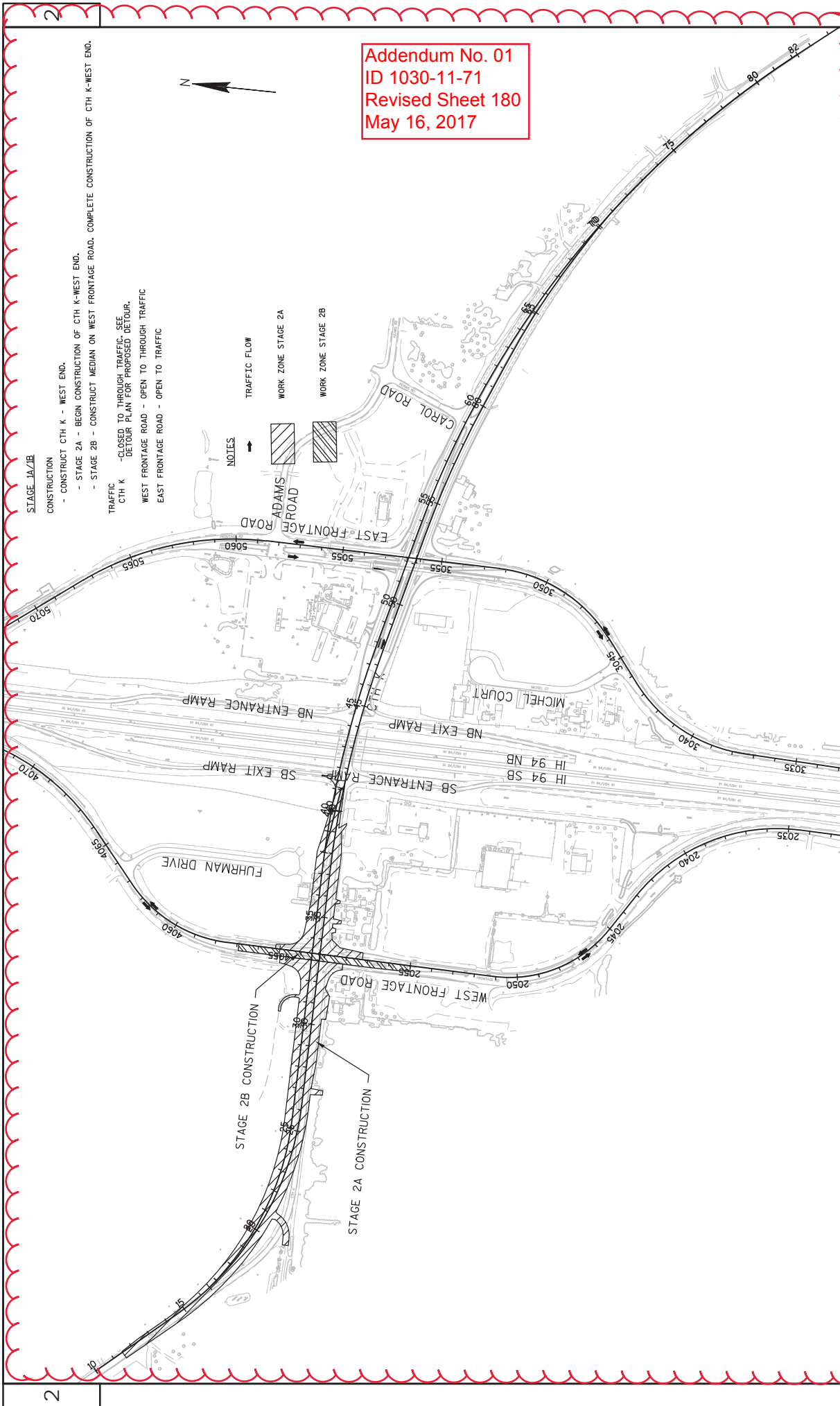
PLOT DATE : 5/10/2017 3:12 PM

PLOT BY : SPAETH, MICHELE L

PLOT SCALE : 1 IN=100 FT

LAYOUT NAME : 025321

WISDOT/CADD SHEET 42



Addendum No. 01
 ID 1030-11-71
 Revised Sheet 180
 May 16, 2017

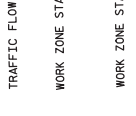
STAGE 1A/1B

- CONSTRUCTION**
- CONSTRUCT CTH K - WEST END.
 - STAGE 2A - BEGIN CONSTRUCTION OF CTH K-WEST END.
 - STAGE 2B - CONSTRUCT MEDIAN ON WEST FRONTAGE ROAD. COMPLETE CONSTRUCTION OF CTH K-WEST END.

TRAFFIC

- CTH K**
- CLOSED TO THROUGH TRAFFIC. SEE DETOUR PLAN FOR PROPOSED DETOUR.
 - WEST FRONTAGE ROAD - OPEN TO THROUGH TRAFFIC
 - EAST FRONTAGE ROAD - OPEN TO TRAFFIC

NOTES

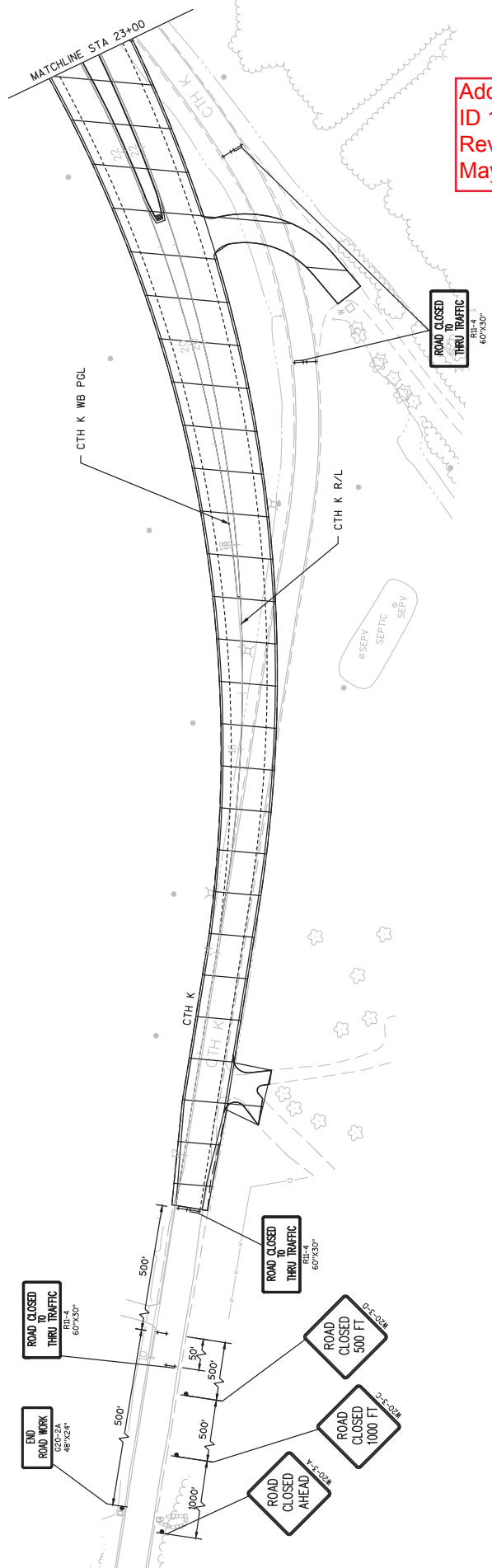


2

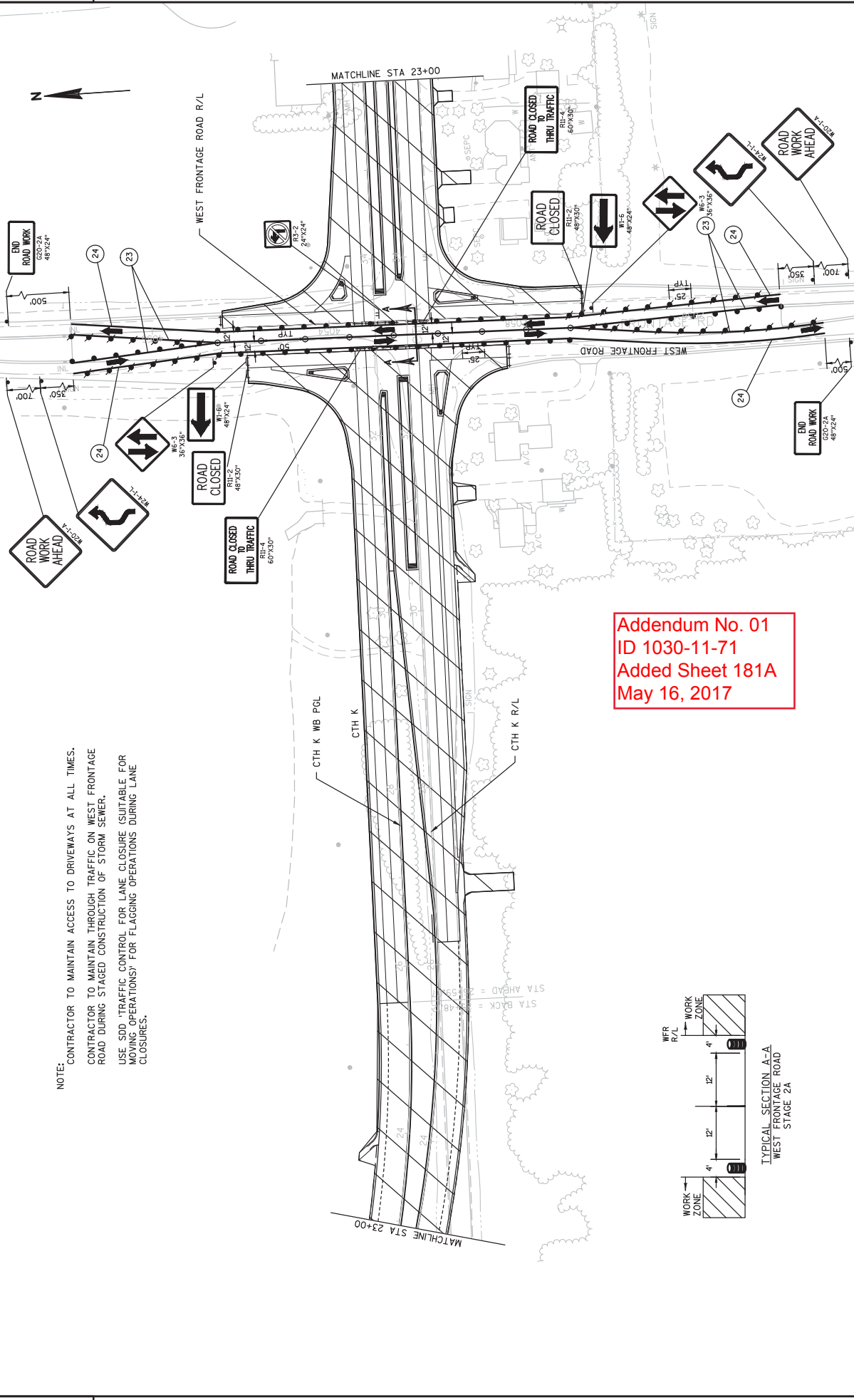


NOTE:
 SEE DETOUR SIGNING PLAN AND SDD 'BARRICADES AND SIGNS FOR MAINLINE CLOSURES' FOR ADDITIONAL TRAFFIC CONTROL QUANTITIES AND LAYOUT INFORMATION.
 CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
 SEE DETOUR PLAN FOR PORTABLE CHANGEABLE MESSAGE SIGNS LOCATIONS AND MESSAGES.

SEE SDD 'BARRICADES AND SIGNS FOR MAINLINE CLOSURES' FOR ADDITIONAL LAYOUT INFORMATION.

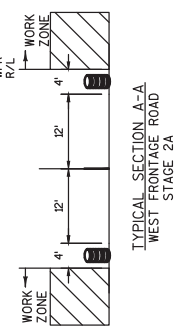


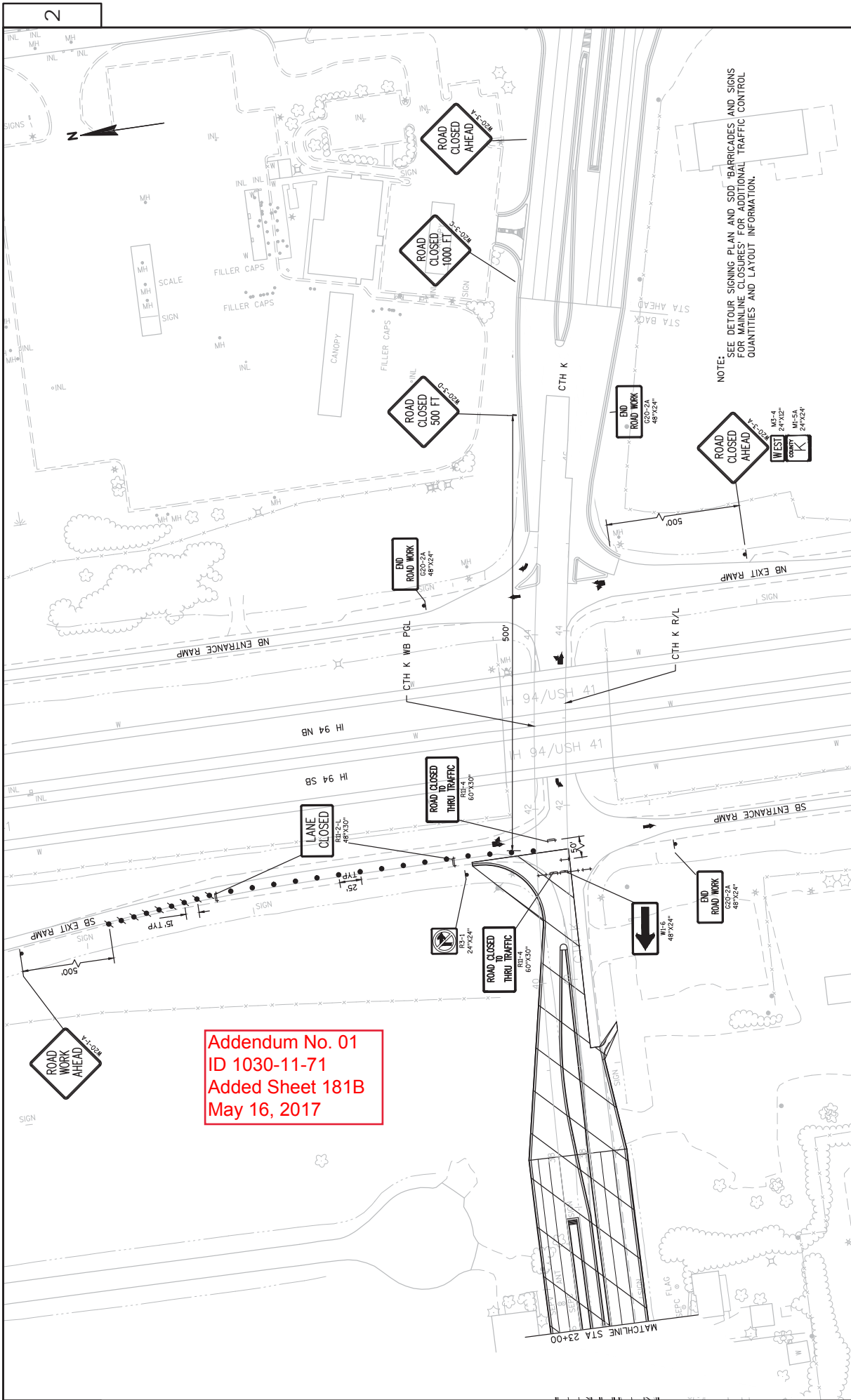
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 181
 May 16, 2017



NOTE: CONTRACTOR TO MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
 CONTRACTOR TO MAINTAIN THROUGH TRAFFIC ON WEST FRONTAGE ROAD DURING STAGED CONSTRUCTION OF STORM SEWER.
 USE SDD 'TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)' FOR FLAGGING OPERATIONS DURING LANE CLOSURES.

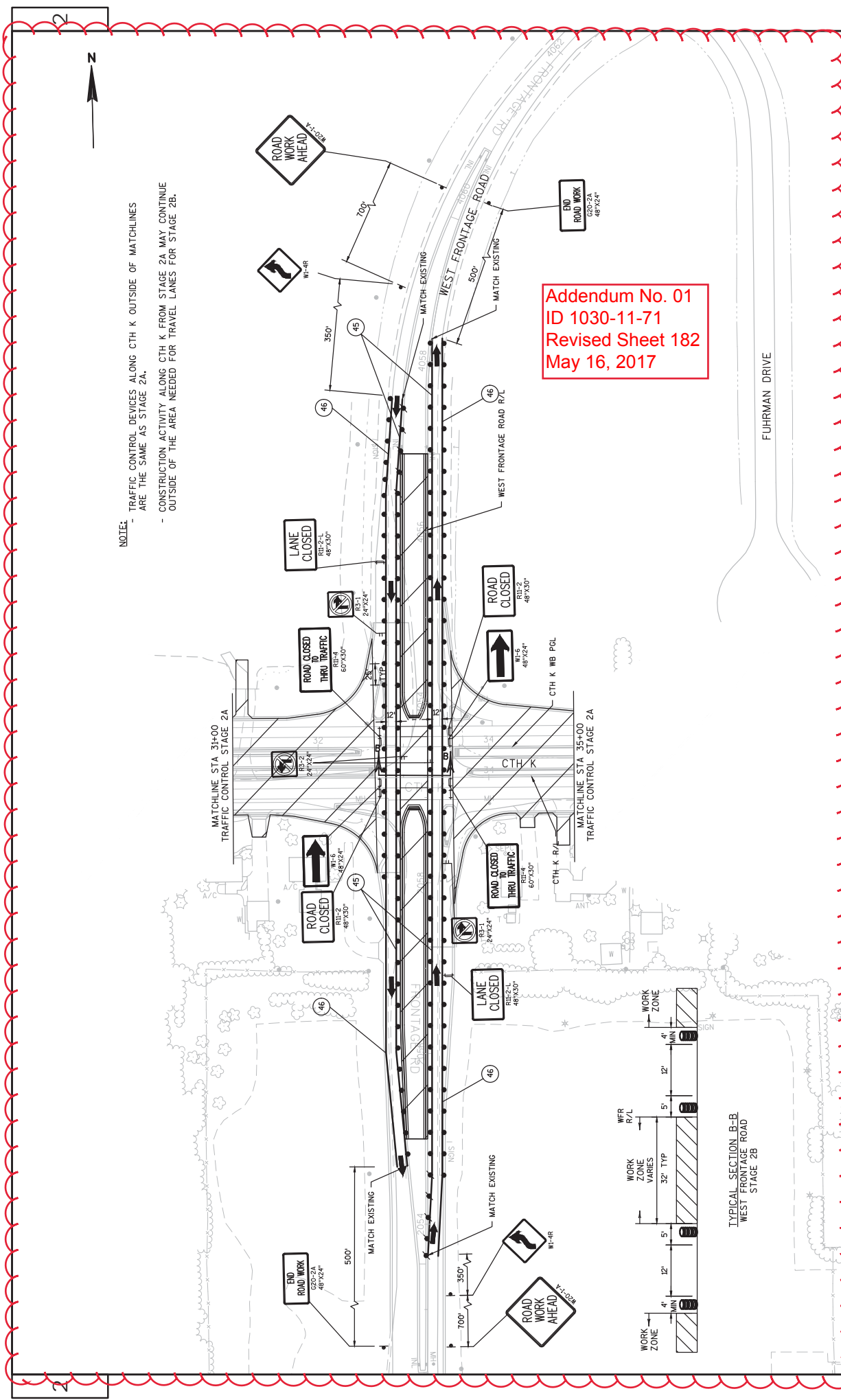
Addendum No. 01
 ID 1030-11-71
 Added Sheet 181A
 May 16, 2017





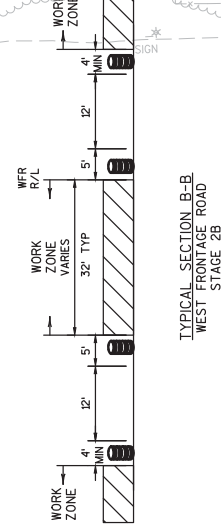
NOTE: SEE DETOUR SIGNING PLAN AND SDD BARRICADES AND SIGNS FOR MAINLINE CLOSURES FOR ADDITIONAL TRAFFIC CONTROL QUANTITIES AND LAYOUT INFORMATION.

Addendum No. 01
 ID 1030-11-71
 Added Sheet 181B
 May 16, 2017



NOTE: - TRAFFIC CONTROL DEVICES ALONG CTH K OUTSIDE OF MATCHLINES ARE THE SAME AS STAGE 2A.
 - CONSTRUCTION ACTIVITY ALONG CTH K FROM STAGE 2A WAY CONTINUE OUTSIDE OF THE AREA NEEDED FOR TRAVEL LANES FOR STAGE 2B.

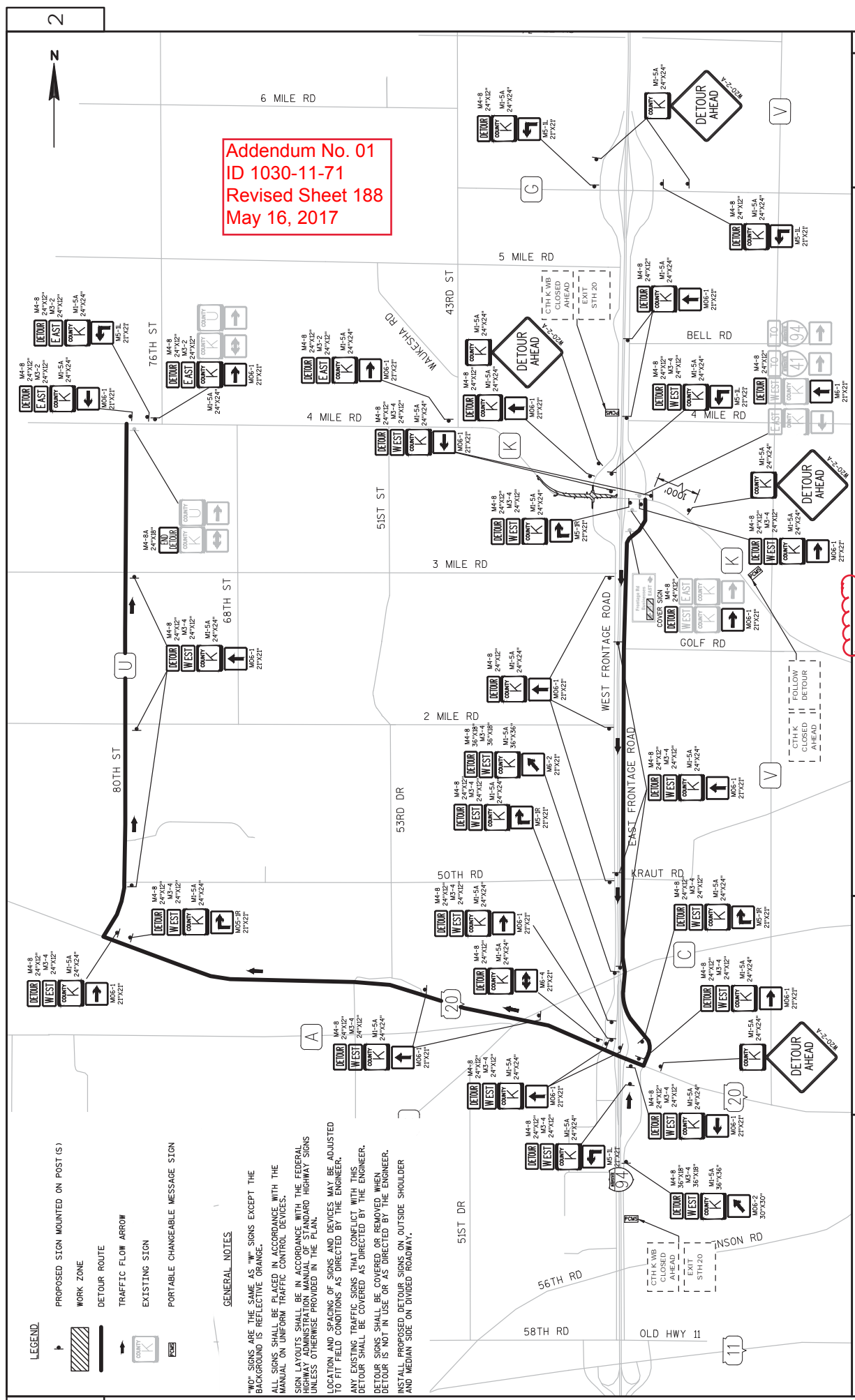
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 182
 May 16, 2017





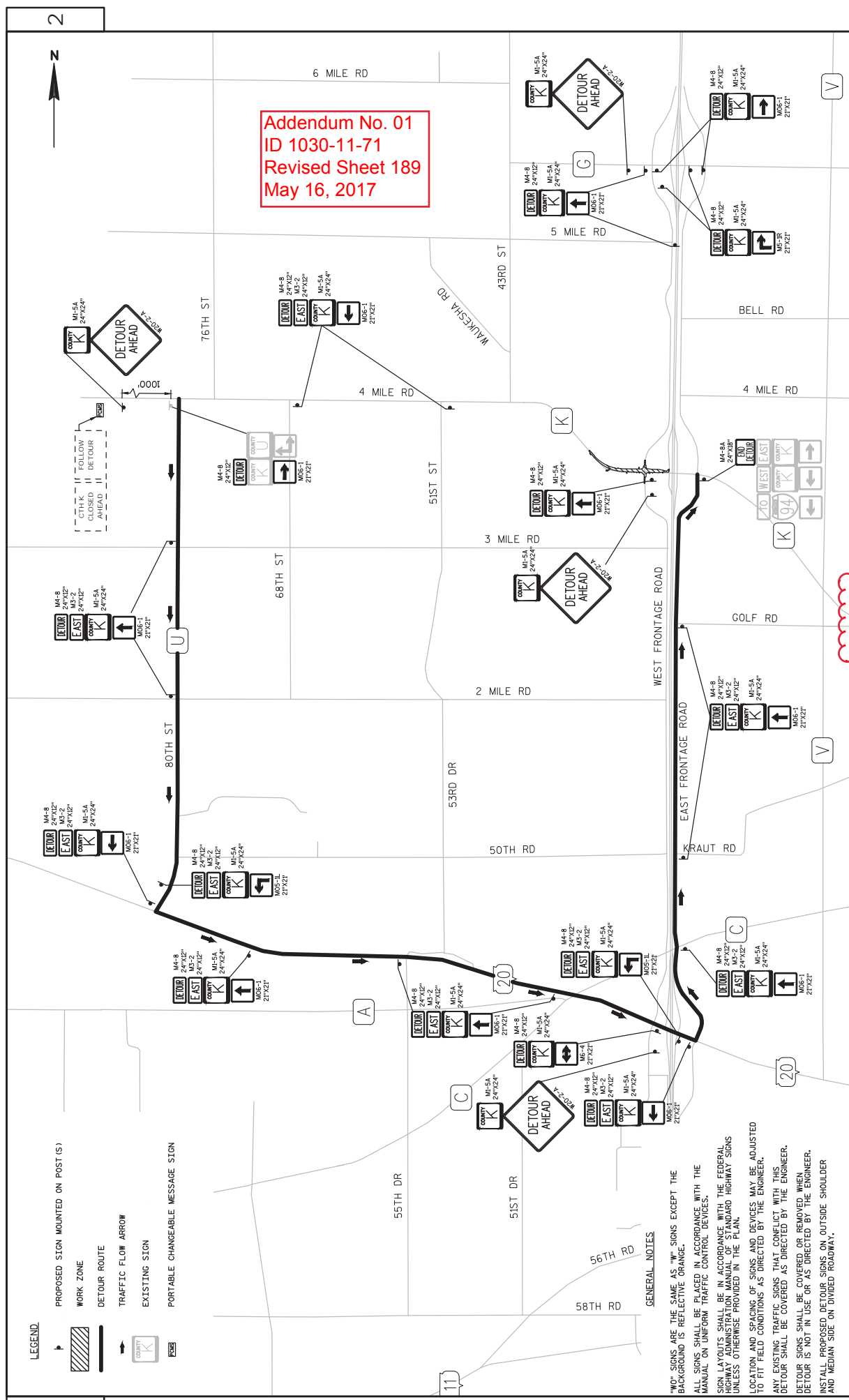
Addendum No. 01
ID 1030-11-71
Revised Sheet 188
May 16, 2017

- LEGEND**
- PROPOSED SIGN MOUNTED ON POST (S)
 - WORK ZONE
 - DETOUR ROUTE
 - TRAFFIC FLOW ARROW
 - EXISTING SIGN
 - PORTABLE CHANGEABLE MESSAGE SIGN
- GENERAL NOTES**
- "W" SIGNS ARE THE SAME AS "WH" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
 - ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 - SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES UNLESS OTHERWISE PROVIDED IN THE PLAN.
 - LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
 - ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS DETOUR SHALL BE COVERED OR REMOVED WHEN DETOUR IS NOT IN USE OR AS DIRECTED BY THE ENGINEER.
 - INSTALL PROPOSED DETOUR SIGNS ON OUTSIDE SHOULDER AND MEDIAN SIDE ON DIVIDED ROADWAY.





Addendum No. 01
ID 1030-11-71
Revised Sheet 189
May 16, 2017



- LEGEND**
- PROPOSED SIGN MOUNTED ON POST(S)
 - WORK ZONE
 - DETOUR ROUTE
 - TRAFFIC FLOW ARROW
 - EXISTING SIGN
 - PORTABLE CHANGEABLE MESSAGE SIGN

GENERAL NOTES

"W" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.

ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

SIGN PLACEMENT SHALL BE IN ACCORDANCE WITH THE FEDERAL SIGNALS ADMINISTRATION'S STANDARD HIGHWAY SIGNS UNLESS OTHERWISE PROVIDED IN THE PLAN.

LOCATION AND SPACING OF SIGNS AND DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS DETOUR SHALL BE COVERED AS DIRECTED BY THE ENGINEER.

DETOUR SIGNS SHALL BE COVERED OR REMOVED WHEN DETOUR IS NOT IN USE OR AS DIRECTED BY THE ENGINEER.

INSTALL PROPOSED DETOUR SIGNS ON OUTSIDE SHOULDER AND MEDIAN SIDE ON DIVIDED ROADWAY.

PROJECT NO: 1030-11-71

HWY: IH 94/CTH K

COUNTY: RACINE

STAGE 2 EB/NB DETOUR

SHEET 189

REMOVING CURB & GUTTER

CA CATEGORY	ROADWAY	STATION	TO STATION	LF
1000	E FRONT. RD SOUTH LT	3048+80	3050+60	180
TOTAL:				180

204.0150
REMOVING
CURB & GUTTER

REMOVING STORM SEWER

CA CATEGORY	ROADWAY	STATION	OFFSET	STATION	OFFSET	SIZE	LENGTH	MANHOLES	18-INCH	24 X 38-INCH	LF
1000	CTHK EB	30+35	RT	30+34	RT	24x38	--	--	--	--	20
		30+32	RT	30+32	LT	24x38	--	--	--	--	39
		30+34	RT			--	--	1	--	--	--
		32+60	RT	32+60	RT	18	--	--	--	18	--
		32+60	RT			--	--	1	--	--	--
		34+00	RT	34+00	RT	18	--	--	--	17	--
		34+00	RT			--	--	1	--	--	--
TOTALS:											59

204.0210 204.0245.008 204.0245.014
REMOVING
REMOVING STORM SEWER

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REMOVING COVER PLATES

CA CATEGORY	ROADWAY	STATION	OFFSET	EACH
1000	E FRONTAGE RD	3052+37	42.5 LT	1
		3052+27	1.5 LT	1
		5054+89	42.5 LT	1
TOTAL:				3

204.9060.S.002
REMOVING
COVER PLATES

MAILBOXES

CA CATEGORY	STAGE	ROADWAY	EACH	LS
1000	1	CTHK - WEST END	7	0.5
	2	CTHK - EAST END	6	0.5
TOTAL:				13

SPV.0060.502 SPV.0105.104
REMOVING AND
REINSTALL MAILBOXES

REMOVING BOLLARDS

CA CATEGORY	ROADWAY	LOCATION	OFFSET	EACH
1000	CAROL RD	NE & NW QUADRANT WITH CTHK	LT/RT	4
TOTAL:				4

204.9060.S
REMOVING
WOODEN BOLLARDS

SAWCUTTING ITEMS

CATEGORY	ROADWAY	STATION	TO STATION	OFFSET	690.0150		690.0250	
					SAWING	CONCRETE	SAWING	CONCRETE
					LF	LF	LF	LF
1000	CTHK	11+50.00			--	--	26	--
	CTHK	31+22.22	31+39.37	66.50 RT	16	--	--	--
	CTHK	34+36.49	34+53.49	59.48 RT	17	--	--	--
	CTHK	34+79.42	34+94.42	80.34 RT	15	--	--	--
	CTHK	35+73.32	35+85.32	64.00 RT	12	--	--	--
	CTHK	39+20.70	41+55.47	12.38 RT - 74.92' LT	354	--	--	--
	CTHK	41+83.96	44+11.00	LT & RT	385	--	--	--
	CTHK	45+54.46	46+75.00	12.37 RT - 9.93' LT	339	--	115	--
	SE RAMP	44+65.88	44+85.16	45.53 RT - 58.04' RT	27	--	--	--
	CTHK	48+35.55	48+65.59	75.00 LT	30	--	--	--
	E FRONTAGE RD	3050+60.39			20	--	--	--
	E FRONTAGE RD	5055+10.00	5055+60.70	26.00 RT	--	--	48	--
	E FRONTAGE RD	5055+60.70	5055+60.70	26.0 RT - 22.0' LT	--	--	56	--
	CTHK	54+01.70	54+21.24	81.50 RT	19	--	--	--
	CTHK	56+27.99	56+33.00	78.54 RT	22	--	--	--
	CAROL RD	11+43.00		11.0 RT - 11.0' LT	22	--	--	--
	CTHK	66+02.73	66+14.54	70.24' LT	12	--	--	--
	CTHK	68+37.69	68+50.77	70.45' LT	13	--	--	--
	CTHK	74+99.84	75+13.47	76.36 LT	14	--	--	--
	CTHK	76+00.00		20.0 RT - 20.0' LT	14	--	22	--
TOTAL:					1,331		267	

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FINISHING ROADWAY PROJECT ID 1030-11-71

213.0100.002
 FINISHING ROADWAY
 (1030-11-71)
 EACH

CATEGORY	PROJECT	QUANTITY
1000	1030-11-71	1
TOTAL:		1

Division	From/To Station	Common Excavation (1)		Common Excavation (Item # 205.0100) EBS Excavation (3)	Salvaged/Unusable Pavement Material (4)	Available Material (5)	Expanded EBS Backfill (6)		Unexpanded Fill	Expanded Fill (7)		Mass Ordinate +/- (8)	Waste	Borrow
		Cut (2)					Factor 1.25			Factor 1.25				
Division 1		84	2,710	0	0	84	0	0	0	0	0	84	0	0
	41+83.96/44+11.00	2,710	2,710	214	0	2,710	268	1,368	1,368	1,710	0	733	0	0
	45+50/52+27.4	18,350	18,350	463	0	18,350	579	3,477	3,477	4,346	0	13,425	0	0
	52+18.84/76+00	1,612	1,612	0	0	1,612	0	283	283	354	0	1,258	0	0
	5052+20/5055+50	1,601	1,601	0	0	1,601	0	741	741	926	0	675	0	0
	3051+00/3055+90	406	406	0	0	406	0	56	56	70	0	336	0	0
	Carol Rd	311	311	0	0	311	0	0	0	0	0	311	0	0
	Temp Widen EFR	430	430	0	0	430	0	33	33	41	0	389	0	0
	3048+00/3052+00	804	804	0	0	804	0	28	28	35	0	769	0	0
	Temp Widen EFR SE 1	805	805	0	0	805	0	1,725	1,725	2,156	0	-1,351	0	1,351
	52+58.66/57+64.52	2,288	2,288	0	0	2,288	0	542	542	678	0	1,611	0	0
	60+00/78+50	0	0	924	0	0	1,155	0	0	0	0	0	0	0
	68+00/79+00	29,401	29,401	1,601	0	29,401	2,001	8,253	8,253	10,316	18,239	19,590	1,351	0
	Division 1 Subtotal													
Division 2		30,378	27,143	938	3,235	27,143	1,173	12,769	12,769	15,961	10,009	10,009	0	0
	11+50.4/37+99	659	659	0	0	659	0	163	163	204	455	455	0	0
	CTH K - West	373	373	0	0	373	0	280	280	350	23	23	0	0
	338+50/341+00	727	727	0	0	727	0	170	170	213	515	515	0	0
	NW West Frontage Rd													
	4053+74.38/4056+50	32,137	28,902	938	3,235	28,902	1,173	13,382	13,382	16,728	11,002	11,002	0	0
	2055+00/2058+99.38													
	Division 2 Subtotal													
	Grand Total	61,538	58,303	2,539	3,235	58,303	3,174	21,635	21,635	27,044	29,241	30,592	1,351	0
				64,077										

- 1) Common Excavation is the sum of the Cut and EBS Excavation columns. Item number 205.0100
- 2) Salvaged/Unusable Pavement Material is included in Cut.
- 3) EBS Excavation to be backfilled with Cut material.
- 4) Salvaged/Unusable Pavement Material
- 5) Available Material = Cut - Salvaged/Unusable Pavement Material
- 6) Expanded EBS Backfill - This is to be filled with Cut material. EBS Backfill Factor = 1.25.
- 7) Expanded Fill. Factor = 1.25
- 8) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.

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BASE AGGREGATE

CATEGORY	ROADWAY	STATION	TO STATION	BASE AGGREGATE		SELECT CRUSHED	GEORID	BASE AGGREGATE		SELECT CRUSHED	GEORID
				TON	DENSE 3/4 INCH			TON	DENSE 1 1/4 INCH			TON	TY FE SR
1000											
STAGE 1A	CTHK	E FRONTAGE RD ISLANDS		77							
	E FRONTAGE RD	3051+88	57+28 CTHK	634							
		STAGE 1A SUBTOTAL:		0	711	0	0				
STAGE 1B	CTHK	45+18 WB	47+75 WB	657		416	985				
	CTHK	48+50 WB	LT								
	CTHK	47+75 WB	50+44 WB	482		610	1445				
	CTHK	51+91 WB	59+87 WB	1110		1406	3300				
	E FRONTAGE RD	3050+60	3055+90	885		478	1133				
	E FRONTAGE RD	5052+20	5055+61	1086		627	1484				
	CAROL RD			215		245	550				
TEMP PAVT	E FRONTAGE RD	NORTH		429							
	E FRONTAGE RD	NE QUADRANT		89							
	E FRONTAGE RD	SOUTH		309							
	CTHK	59+87 WB	76+00 WB	2391							
		STAGE 1B SUBTOTAL:		111	7653	3782	8927				
STAGE 1C	CTHK	50+44 WB	51+91 WB	344		435	1031				
TEMP PAVT	E FRONTAGE RD	NW QUADRANT		116							
		STAGE 1C SUBTOTAL:		0	460	435	1031				
STAGE 1D	CTHK	44+54 EB	52+07 EB	1761		2106	4989				
	CTHK	53+34 EB	59+98 EB	1692		2037	4825				
	CTHK	54+13 EB	RT								
	CTHK	56+37 EB	RT								
	CTHK	59+98 EB	76+00 EB	5848		2840	6282				
	CTHK	70+76 EB	RT								
	CTHK	67+86 WB	78+89 WB	1,075							
		STAGE 1D SUBTOTAL:		203	10,376	6,983	16,096				
STAGE 1E	E FRONTAGE RD	SE QUADRANT		364		461	1093				
TEMP PAVT	CTHK	52+07 EB	53+63 EB	354							
		STAGE 1E SUBTOTAL:		0	718	461	1093				
STAGE 1F	CTHK	59+87 EB	76+00 EB	83		6730	5263				
	CTHK	66+21 WB	LT								
	CTHK	68+40 WB	LT								
	CTHK	74+20 WB	LT								
	CTHK	75+06 WB	LT								
		STAGE 1F SUBTOTAL:		195	6730	2222	5263				

BASE AGGREGATE (CONT.)

CATEGORY	ROADWAY	STATION	TO STATION	BASE AGGREGATE		SELECT CRUSHED	GEORID	BASE AGGREGATE		SELECT CRUSHED	GEORID
				TON	DENSE 3/4 INCH			TON	DENSE 1 1/4 INCH			TON	TY FE SR
1000											
STAGE 1G	E FRONTAGE RD										
	CTHK	51+91 WB	53+63 WB	49		57	134				
		STAGE 1G SUBTOTAL:		0	252	288	680				
STAGE 1H	CTHK	50+44 WB	51+91 WB	200		222	526				
	E FRONTAGE RD	NW QUADRANT		67		73	174				
		STAGE 1H SUBTOTAL:		0	267	295	700				
STAGE 1I	E FRONTAGE RD	3050+60	3055+88	489		601	1423				
	E FRONTAGE RD	5052+35	5055+61	590		630	1491				
		STAGE 1I SUBTOTAL:		0	1,080	1,231	2,914				
	CTHK	(SANITARY & WATER BACKFILL)		0	0	1,848	1,386				
		TOTAL STAGE 1I:		509	28,247	17,545	38,090				
STAGE 2A	CTHK	11+50	26+25	144		10554	10013				
	CTHK	12+82	RT	89							
	CTHK	21+00	RT	301							
	CTHK	25+59	33+00	31		2780	7346				
	CTHK	26+92	RT	44							
	CTHK	31+30	RT	13							
	W FRONT RD	SW QUAD				242	307				
	W FRONT RD	NW QUAD				264	335				
	W FRONT RD	NE QUAD				261	331				
	W FRONT RD	SE QUAD				308	387				
	CTHK	33+23	38+00			2132	5889				
	CTHK	34+44	RT	8							
	CTHK	34+88	RT	19							
	CTHK	35+79	RT	8							
	CTHK	38+00	41+55			1852					
		STAGE 2A SUBTOTAL:		657	18,391	11,174	26,470				
STAGE 2B	CTHK	33+00	33+29	133		168	398				
	W FRONT RD	MEDIANS				239	717				
		STAGE 2B SUBTOTAL:		0	372	471	1115				
		TOTAL STAGE 2:		657	18,763	11,645	27,585				
		MICHELS DW		0	546	0	0				
		TOTAL		1,166	47,556	29,190	65,675				

OMP BASE AGGREGATE

371.1000.S		TON
OMP BASE AGGREGATE DENSE 1 1/4 INCH COMPACTION		
CATEGORY	PROJECT	
1000	1030-11-71	47,556
TOTAL:		47,556

WATER

624.0100		MGAL
WATER		
CATEGORY	LOCATION	
1000	PROJECT - BASE AGGREGATE (COMPACTION)	713
	PROJECT - EXCAVATION (DUST CONTROL)	128
TOTAL:		841

PAVEMENT REPAIR

485.1000.S		TON
COLD PATCH		
CATEGORY	LOCATION	
1000	UNDISTRIBUTED	20
TOTAL:		20

CONCRETE PAVEMENT JOINT LAYOUT

SPV.0105.003		LS
CONCRETE PAVEMENT JOINT LAYOUT		
CATEGORY	LOCATION	
1000	CTHK & FRONTAGE ROADS	1
TOTAL:		1

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CONCRETE ITEMS

CATEGORY	ROADWAY	STATION	TO STATION	415.0095		416.0160		416.1010		602.0410		602.0100		620.0300	
				CONCRETE PAVEMENT 9 1/2-INCH SY	CONCRETE PAVEMENT 10 1/2-INCH SY	CONCRETE DRIVEWAY 6-INCH SY	SURFACE DRAINS CY	CONCRETE SIDEWALK 5-INCH SF	CONCRETE SAFETY ISLANDS SF	CONCRETE CORRUGATED MEDIAN SF	CONCRETE MEDIAN SLOPED NOSE SF				
1000															
STAGE 1B															
	CTHK	47+75.00 WB	50+44.43 WB		1197							170			
	E. FRONTAGE RD	5052+20.00	5055+60.70												
	E. FRONTAGE RD	3055+80.39	3055+90.00		995		3								
	CTHK	51+80.52 WB	59+87.08 WB		3519										
		STAGE 1B SUBTOTAL			2,320		3		0		0	170			0
STAGE 1C															
	CTHK	50+44.43 WB	51+80.52 WB		422										
	E. FRONTAGE RD	50+44.43 WB	51+80.52 WB		540										
		STAGE 1C SUBTOTAL			540		0		0		0	0			0
STAGE 1D															
	CTHK	44+56.44 EB	44+84.08 EB							30				25	
	CTHK	47+36.23 EB	50+40.42 EB							2662				50	
	CTHK	47+75.00 EB	52+06.51 EB		2158										
	CTHK	49+27.29 EB	50+40.42 EB							989				98	
	E. FRONTAGE RD	50+81.19 EB	51+88.36 EB		735					413				79	
	CTHK	53+34.06 EB	54+61.11 EB							1079				98	
	CTHK	53+52.52 EB	56+87.42 EB							2323					
	CTHK	35+34.06 EB	59+98.43 EB		3656		5								
	CTHK	54+09.00 EB					12								
	CTHK	56+34.00 EB					12								
	CTHK	58+72.77 EB												72	
	CTHK	59+31.50 EB												59	
	CTHK	65+35.59 EB												98	
		STAGE 1D SUBTOTAL			735		24		5	7,083		413		0	579
STAGE 1E															
	CTHK	52+06.51 EB	53+52.52 EB		389										
	E. FRONTAGE RD	52+18.84 EB	53+52.52 EB		591							338		80	
		STAGE 1E SUBTOTAL			591		0		0	0		338		0	80
STAGE 1F															
	CTHK	59+87 WB	LT						6						
STAGE 1G															
	CTHK	52+40.71 WB	53+34.05 WB									777		98	
	CTHK	52+52.87 WB	53+52.52 WB									54		55	
	CTHK	51+80.52 WB	53+34.05 WB		369										
	E. FRONTAGE RD	NE QUADRANT			61							547		108	
		STAGE 1G SUBTOTAL			61		0		0	831		547		555	261
STAGE 1H															
	CTHK	50+44.43 WB	54+26.86 WB									54		446	
	E. FRONTAGE RD	SAFETY ISLAND NW QUADRANT			340							953		98	
		STAGE 1H SUBTOTAL			103		0		0	1,007		535		100	253

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CONCRETE ITEMS (CONT.)

CATEGORY	ROADWAY	STATION	TO STATION	415.0105		416.0160		416.1010		602.0410		602.2400		620.0100		620.0300				
				CONCRETE PAVEMENT	PAVEMENT	DRIVEWAY	CONCRETE	SURFACE DRAINS	5-INCH SIDEWALK	CONCRETE	SAFETY ISLANDS	CONCRETE	CORRUGATED	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE
				9 1/2-INCH	10 1/2-INCH	6-INCH	CONCRETE	SAFETY	5-INCH	ISLANDS	CONCRETE	SAFETY	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	CONCRETE		
				SY	SY	SY	SY	SY	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF	
1000																				
STAGE 11	E. FRONTAGE RD	3050+60.39	3055+92.00	580	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	E. FRONTAGE RD	3054+50.77	3055+80.33	--	--	--	--	--	612	--	--	--	--	--	--	--	--	--	--	60
	E. FRONTAGE RD	3053+50.00	3055+88.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	191
	E. FRONTAGE RD	5052+31.91	5053+50.80	--	--	--	--	--	531	--	--	--	--	--	--	--	--	--	--	120
	E. FRONTAGE RD	5052+33.35	5055+00.00	757	--	--	--	--	2322	--	--	--	--	--	--	--	--	--	--	178
	E. FRONTAGE RD	5054.20.82	5055+58.00	--	--	--	--	--	919	--	--	--	--	--	--	--	--	--	--	60
		STAGE 11 SUBTOTAL		1,337	0	0	0	0	4,384	0	0	0	0	0	0	0	0	0	0	609
		TOTAL STAGE 1:		5,687	12,050	24	14	14	13,305	1,833	1,171	1,171	1,171	1,171	1,171	1,171	1,171	1,171	1,171	1,782
STAGE 2A	CTHK	21+30.00		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70
	CTHK	24+00.00		--	--	--	4	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTHK	25+48.12	33+00.00	--	6037	--	4	4	2834	--	--	--	--	--	--	--	--	--	--	153
	W FRONT RD			2655	--	--	--	--	--	1624	--	--	--	--	--	--	--	--	--	405
	CTHK	33+58.38	38+00.00	--	4,428	--	4	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTHK	33+58.38	40+39.92						8576	--	--	--	--	--	--	--	--	--	--	300
	CTHK	31+30.00 EB		--	--	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTHK	34+44.00 EB		--	--	12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTHK	34+88.00 EB		--	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	CTHK	35+79.00 EB		--	--	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		STAGE 2A SUBTOTAL		2,655	10,465	44	12	12	11,410	1,624	0	0	0	0	0	0	0	0	0	928
STAGE 2B	CTHK	33+00.00	33+28.38	--	306	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	W FRONT RD			93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		STAGE 2B SUBTOTAL		93	306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL STAGE 2:		2,748	10,771	44	12	12	11,410	1,624	0	0	0	0	0	0	0	0	0	928
		TOTAL		8,334	22,835	68	26	26	24,715	3,457	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	1,169	2,736

ASPHALT ITEMS (CONT.)

ASPHALT ITEMS

CATEGORY	ROADWAY	STATION	TO STATION	GAL	TON	TON	TON	TON	TON
1000	STAGE 2A	11+60.00	27+25.00	1,090	2,995	998	988	2,995	2,995
		38+00.00	41+55.47	--	--	--	--	--	--
		26+99.00	EB	--	--	--	35	--	--
		31+30.00	EB	--	--	--	11	--	--
		34+44.00	EB	--	--	--	6	--	--
		34+88.00	EB	--	--	--	15	--	--
		35+79.00	EB	--	--	--	6	--	--
		STAGE 2A SUBTOTAL		1,090	2,995	988	73	2,995	2,995
		TOTAL STAGE 2:		1,090	2,995	988	73	2,995	2,995
		TOTAL		2,331	6,407	2,135	236	6,407	6,407

CATEGORY	ROADWAY	STATION	TO STATION	GAL	TON	TON	TON	TON	TON
1000	STAGE 1A	41+95.17	43+97.82	--	--	--	74	--	--
		3051+88	57+28 CTH K	--	--	--	261	--	--
		E. FRONTAGE RD	E. FRONTAGE RD ISLANDS	--	--	--	32	--	--
		3047+80.16	3052+38.27	--	--	--	138	--	--
		E. FRONTAGE RD	NW QUADRANT	--	--	--	48	--	--
		STAGE 1A SUBTOTAL		0	0	0	553	0	0
		45+18.23	47+75.00	--	--	--	230	--	--
		48+50.00	EB	--	--	--	35	--	--
		CTH K	E. FRONTAGE RD ISLANDS	--	--	--	33	--	--
		3051+88	57+28 CTH K	--	--	--	127	--	--
		E. FRONTAGE RD	E. FRONTAGE RD	--	--	--	177	--	--
		5052+20	5054+44	--	--	--	986	--	--
		E. FRONTAGE RD	E. FRONTAGE RD	--	--	--	1,553	--	--
		59+87.08	76+00.00	--	--	--	35	--	--
		CTH K	NW QUADRANT	--	--	--	0	--	--
		STAGE 1B SUBTOTAL		0	0	0	41	0	0
		44+54.46	47+75.00	--	--	--	379	--	--
		67+86	78+89	--	--	--	189	--	--
		CTH K	EB	--	--	--	33	--	--
		54+09.00	EB	--	--	--	35	--	--
		56+34.00	EB	--	--	--	595	--	--
		59+88.43	EB	650	1786	595	68	1,786	1,786
		60+00.00	EB	--	--	--	0	--	--
		CTH K	NW QUADRANT	650	1,786	595	146	1,786	1,786
		STAGE 1C SUBTOTAL		0	0	0	0	0	0
		52+06.51	53+62.52	0	0	0	0	0	0
		CTH K	EB	591	1626	542	17	1,626	1,626
		59+87.08	76+00.00	--	--	--	21	--	--
		66+22.00	WB	--	--	--	22	--	--
		68+33.00	WB	--	--	--	60	--	--
		75+05.97	WB	--	--	--	250	--	--
		CTH K	NW QUADRANT	591	1,626	542	163	1,626	1,626
		STAGE 1D SUBTOTAL		1,241	3,412	1,137	0	3,412	3,412
		STAGE 1E UNDISTRIBUTED		--	--	--	250	--	--
		TOTAL STAGE 1:		1,241	3,412	1,137	3,111	3,412	3,412

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CONCRETE CURB & GUTTER ITEMS (CONT.)

CATEGORY	ROADWAY	STATION	TO STATION	LOCATION	LF	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D
1000							
STAGE 2A	CTHK	24+00.00	25+59.07	LT	144		
	CTHK	21+30.00	26+25.18	MEDIAN	911		
	CTHK	25+59.07	32+50.16	MEDIAN	1304		
	CTHK	30+46.66	32+66.66	MEDIAN	412		
	CTHK	25+59.07	31+63.64	LT	605		
	W FRONTAGE RD	SW QUAD			149		
	W FRONTAGE RD	NW QUAD			175		
	W FRONTAGE RD	NE QUAD			159		
	W FRONTAGE RD	SE QUAD			191		
	CTHK	34+20.98	38+00	LT	242		
	CTHK	34+25.17	38+00	RT	375		
	CTHK	33+58.38	37+28.37	MEDIAN	713		
	CTHK	33+74.86	38+00.00	MEDIAN	838		
	CTHK	38+00.00	39+12.66	RT	106		
	CTHK	38+00.00	IH 94	LT	401		
	CTHK	38+00.00	40+39.92	MEDIAN	471		
			STAGE 2A SUBTOTAL		5,163		2,033
STAGE 2B	W FRONTAGE RD	2055+00.00	2058+95.00		773		
	W FRONTAGE RD	4053+95.00	4055+25.00		610		
			STAGE 2B SUBTOTAL		1383		0
			TOTAL STAGE 2:		6,546		2,033
			TOTAL		13,865		4,155

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CONCRETE CURB & GUTTER ITEMS

CATEGORY	ROADWAY	STATION	TO STATION	LOCATION	LF	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D
1000							
STAGE 1B	CTHK	47+39.53 WB	50+44.43 WB	MEDIAN	269		44
	CTHK	47+75.00 WB	50+44.43 WB	LT	269		336
	CTHK	52+32.73 WB	58+97.78 WB	LT	701		--
	CAROL RD	59+25.04 WB	59+87.08 WB	NE QUADRANT	93		--
			STAGE 1B SUBTOTAL		1332		380
STAGE 1C	E FRONTAGE RD			NW QUADRANT	139		0
STAGE 1D	CTHK	44+56.44 EB	44+84.08 EB	RAMP/MEDIAN	--		20
	CTHK	44+85.16 EB	47+75.00 EB	RT	--		303
	CTHK	47+31.15 EB	47+75.00 EB	MEDIAN	280		46
	CTHK	47+75.00 EB	50+64.70 EB	RT	270		--
	CTHK	47+75.00 EB	50+40.42 EB	MEDIAN	220		--
	CTHK	49+27.29 EB	50+40.42 EB	MEDIAN	174		--
	E FRONTAGE RD	50+54.70 EB	51+92.54 EB	RT	240		--
	CTHK	53+34.08 EB	54.61.00 EB	MEDIAN	641		--
	CTHK	53+52.52 EB	59+98.43 EB	RT	1,047		--
	CTHK	53+52.52 EB	58+84.00 EB	MEDIAN	50		--
	CTHK	59+30.00 EB	59+87.08 EB	MEDIAN	72		--
	CTHK	59+30.00 EB	59+98.43 EB	MEDIAN	--		548
	CTHK	59+87.08 EB	65+35.35 EB	MEDIAN	--		529
	CTHK	59+98.43 EB	65+35.35 EB	MEDIAN	2,994		1,445
			STAGE 1D SUBTOTAL		2,994		1,445
STAGE 1E	E FRONTAGE RD			SE QUADRANT	128		0
STAGE 1G	CTHK	52+40.71 WB	53+34.05 WB	MEDIAN	173		--
	CTHK	53+33.07 WB	53+52.52 WB	MEDIAN	24		--
			STAGE 1G SUBTOTAL		197		0
STAGE 1H	CTHK	50+44.43 WB	50+63.88 WB	MEDIAN	24		--
	CTHK	50+44.43 WB	51+57.29 WB	MEDIAN	212		--
			STAGE 1H SUBTOTAL		236		0
STAGE 1I	E FRONTAGE RD	30+47+62.13	3050+60.39	MEDIAN	--		297
	E FRONTAGE RD	3050+60.39	3055+60.33	MEDIAN	855		--
	E FRONTAGE RD	3053+69.05	3055+68.33	MEDIAN	454		--
	E FRONTAGE RD	5052+31.91	5053+60+80	MEDIAN	212		--
	E FRONTAGE RD	5052+33.35	5052+00.00	MEDIAN	511		--
	E FRONTAGE RD	5054+20.82	5055+58.00	MEDIAN	261		--
			STAGE 1I SUBTOTAL		2,293		297
			TOTAL STAGE 1:		7,319		2,122

CATEGORY	CULVERTS										EACH	COMMENTS			
	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000					
520.3318	520.3324	520.3330	520.3336	520.1018	520.1024	520.1030	520.1036	523.0419	523.0424	523.0429	504.0900	523.0519	523.0524	523.0529	*
<p>CULVERT PIPE CLASS III-A APRON ENDWALL FOR HORIZONTAL ELLIPTICAL CULVERT PIPE REINFORCED CONCRETE</p>															
18-INCH	24-INCH	30-INCH	36-INCH	18-INCH	24-INCH	30-INCH	36-INCH	19X30-INCH	24X38-INCH	29X45-INCH	CONCRETE MASONRY ENDWALLS (CY)	HE 19X30-INCH	HE 24X38-INCH	HE 29X45-INCH	JOINT TIES
LF	LF	LF	EACH	EACH	EACH	EACH	EACH	LF	LF	LF	LF	EACH	EACH	EACH	EACH
19+47.5EB	53.3 LT	736.82	20+08.9EB	96.5 RT	736.31	0.31%	...	165	...	...	...	2	...	...	12
62+25.9EB	90.6 LT	757.03	62+36.3EB	58.2 RT	756.56	0.32%	...	...	149	...	3.8	...	...	...	12
62+32.2EB	90.3 LT	757.03	62+42.9EB	58.2 RT	756.56	0.32%	...	...	149	...	...	...	...	...	12
<p><u>SIDE ROADS AND PRIVATE ENTRANCES</u></p>															
12+95.5EB	56.4 RT	732.47	12+46.2EB	52.5 RT	732.31	0.35%	...	...	46	...	...	2	...	...	12
21+30.0EB	85.8 RT	737.65	20+57.7EB	83.8 RT	736.60	1.36%	...	...	...	...	...	...	...	...	12
27+06.4EB	52.8 RT	761.39	26+64.4EB	57.1 RT	758.73	6.33%	42	...	...	...	...	...	...	...	...
11+03.7	29.0 LT	761.78	10+85.4	32.5 RT	761.27	0.88%	...	...	...	...	...	...	...	...	...
66+26.9WB	56.7 LT	762.25	65+98.3WB	56.9 LT	761.90	1.21%	...	...	...	...	...	...	...	...	...
68+68.1WB	54.7 LT	765.13	68+23.3WB	54.8 LT	764.74	1.11%	...	...	...	...	...	...	...	...	...
74+36.2WB	59.8 LT	774.78	73+94.7WB	64.0 LT	773.13	3.93%	...	...	...	...	...	...	...	...	...
75+26.9WB	55.2 LT	777.73	74+80.8WB	57.2 LT	776.24	3.17%
TOTAL	42	89	35	77	2	4	2	2	211	327	58	3.8	4	2	96

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TEMPORARY CULVERTS									
CATEGORY	LOCATION	INLET STATION	INLET OFFSET	INLET ELEV.	DISCH STATION	DISCH OFFSET	DISCH ELEV.	SLOPE	COMMENTS
520.2012	CULVERT PIPE	611.81	20 S	...	...	...	...	...	COVER PLATES
TEMPORARY	TEMPORARY	12-INCH	LF	...	...	...	...	...	TEMPORARY
1000	CTHK	53+96WB	60.1 RT	769.02	54+25WB	61.1 RT	768.82	0.70%	STAGE 1A TEMPORARY WIDENING
		56+31WB	54.3 RT	767.41	56+53WB	52.6 RT	767.26	0.68%	STAGE 1A TEMPORARY WIDENING
TOTAL:				90					2

** - ADDITIONAL QUANTITIES SHOWN ELSEWHERE

* FOR INFORMATION ONLY

**ADDITIONAL QUANTITIES SHOWN ELSEWHERE - SEE STORM SEWERTABLES

1. STATIONS AND OFFSETS ARE TO THE END OF PIPE. FIELD VERIFY CULVERT PIPE LOCATIONS AND ELEVATIONS PRIOR TO INSTALLATION.

2. JOINT TIES FOR CONCRETE PIPE SHALL BE PROVIDED AT ALL REINFORCED CONCRETE APRON ENDWALL LOCATIONS. APRON ENDWALLS SHALL BE TIED FOR THE LAST TWO JOINTS AT PPE ENDS. THE COST OF THESE TIES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE REINFORCED CONCRETE PIPE.

3. PIPE LENGTHS DO NOT INCLUDE LAYING LENGTH OF ENDWALLS.

COVER PLATES, TEMPORARY, CULVERT MARKERS AND PIPE GRATES

CATEGORY	LOCATION	INLET		DISCH		COVER PLATES		PIPE GRATES		MARKERS	
		STATION	OFFSET	STATION	OFFSET	TEMPORARY	EACH	GRATES	EACH	CULVERT	ENDS
1000	CTHK	19+47.0EB	53.2 LT	19+90.2EB	79.8' RT	...	2	2	2	2	2
		51+49.9	172.6' LT			1
		51+43.1	171.0' LT			1
		62+25.9EB	90.6' LT	62+36.3EB	58.2' RT	2	2	2
		62+32.2EB	90.3 LT	62+42.9EB	58.2' RT	...	...	...	...	2
		2058+32.5	30.5 LT			1	...	...	...	...
		2058+16.2	36.6 RT			1	...	...	...	...
		2058+07.5	1.5 LT			1	...	...	...	...
		2058+17.5	1.5 LT			1	...	...	...	...
		4054+67.5	30.5 LT			1	...	...	...	...
		4054+57.5	30.5 LT			1	...	...	...	...
		4054+90.6	1.5 LT			1	...	...	...	...
		4054+80.6	1.5 LT			1	...	...	...	...
	EAST FRONTAGE RD	3049+01	1.0 LT			1	...	...	...	...
		5055+41	16.6 LT			1	...	...	...	...
		5055+51	1.0 LT			1	...	...	...	...
	SIDERoadS AND PRIVATE ENTRANCES	11+04.4	23.2 LT	11+00.6	25.4' RT	...	...	...	2	2
TOTAL						13	2	2	8	8	

**ADDITIONAL QUANTITIES SHOWN ELSEWHERE

ADJUSTING INLET COVERS

CATEGORY	ROADWAY	STATION	OFFSET	EACH
1000	EAST FRONTAGE ROAD	5055+40	16.6 LT	1
		5055+60	1.9 LT	1
TOTAL				2

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DUST CONTROL SURFACE TREATMENT

CATEGORY	LOCATION	SY
1000	PROJECT	63855
TOTAL:		63855

FENCE SAFETY

CATEGORY	LOCATION	LF
1000	UNDISTRIBUTED	5,000
TOTAL:		5,000

616.0700.S
FENCE SAFETY

623.0200
DUST CONTROL
SURFACE TREATMENT

EROSION CONTROL ITEMS

CATEGORY	ROADWAY	STATION TO STATION	606.0200	628.1104	628.1504	628.1520	628.1905	628.1910	628.2004	628.7005	628.7020	628.7504	628.7555	645.0120	SPV.0060.030
1000	CTHK														
		11+50 - 41+50	50	12	1,926	1,926	---	---	24,648	22	22	238	4	116	1
		44+55 - 76+00	14	16	1,664	1,664	---	---	19,544	28	26	125	5	39	---
		WEST FRONTAGE ROAD													
		2055+00 - 2059+00	---	---	---	---	---	---	1,353	11	11	---	---	---	---
		4053+75 - 4056+92	---	---	---	---	---	---	906	9	7	---	---	---	---
		EAST FRONTAGE ROAD													
		3050+60 - 3055+91	4	1	286	286	---	---	2,530	9	9	---	---	10	---
		5052+18 - 5055+61	---	---	---	---	---	---	---	7	7	---	---	---	---
		CAROL ROAD													
		10+00 - 11+43	9	29	3,876	3,876	---	---	---	---	---	---	1	17	---
		SUBTOTAL	77	29	3,876	3,876	---	---	48,982	86	82	363	10	182	1
		UNDISTRIBUTED	19	7	969	969	6	6	12,245	22	21	91	3	46	---
		TOTALS	96	36	4,845	4,845	6	6	61,227	108	103	453	13	228	1

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DETOUR ITEMS

CATEGORY	STAGE	LOCATION	643.0900		643.0910		643.1050		643.3000		
			STAGE DURATION	TRAFFIC CONTROL SIGNS	TRAFFIC CONTROL COVERING SIGNS TYPE I	TRAFFIC CONTROL SIGNS PCMS	TRAFFIC CONTROL DETOUR SIGNS				
			DAYS	*EACH	DAY	NUMBER OF CYCLES	EACH	*EACH	DAY	*EACH	DAY
1000	2		77								
		EAST FRONTAGE ROAD TO STH 20 TO CTH U (WB/SB DETOUR)				1	1	4	308	152	11704
		CTH U TO STH 20 TO EAST FRONTAGE ROAD (EB/NB DETOUR)				--	--	1	77	89	6853
SUBTOTALS					0	1			385		18557
UNDISTRIBUTED					0	0			96		4639
TOTAL					0	1			481		23196

*FOR INFORMATION ONLY
 **ADDITIONAL QUANTITIES SHOWN ELSEWHERE - SEE TRAFFIC CONTROL ITEMS

COVERING SIGNS

643.0920			
TRAFFIC CONTROL COVERING SIGNS TYPE II			
CATEGORY	STAGE	ROADWAY	NUMBER OF CYCLES
1000	1B	CTH K	1
TOTALS:			1

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TRAFFIC CONTROL

643.0300 643.0420 643.0705 643.0715 643.0800
 **

CATEGORY	STAGE	ROADWAY	STAGE DURATION		BARRICADES		WARNING LIGHTS		WARNING LIGHTS		SIGNS		
			DAYS	* EACH	TYPE II	* EACH	TYPE A	* EACH	TYPE C	* EACH	DAY	DAY	DAY
1000	1A	CTHK	5	55	275	2	10	4	20	7	35	7	35
		SW & NW RAMP	5	--	--	--	--	--	--	--	--	5	25
		SE & NE RAMP	5	--	--	--	--	--	--	--	--	4	20
		EAST FRONTAGE ROAD	5	83	415	4	20	8	40	10	50	6	30
		SUBTOTALS			690	30	60	85	85				110
1B		CTHK	25	97	2425	4	100	8	200	--	--	21	525
		SE RAMP	25	--	--	--	--	--	--	--	--	1	25
		EAST FRONTAGE ROAD	25	77	1925	1	25	2	50	21	525	8	200
		SUBTOTALS			4,350	125	250	525	525				750
1C		CTHK	10	160	1600	13	130	26	260	--	--	37	370
		SE RAMP	10	--	--	--	--	--	--	--	--	1	10
		EAST FRONTAGE ROAD	10	118	1180	4	40	8	80	38	380	23	230
		SUBTOTALS			2780	170	340	380	380				610
1D		CTHK	50	75	3750	12	600	24	1,200	25	1,250	29	1,450
		SE RAMP	50	14	700	1	50	2	100	5	250	1	50
		EAST FRONTAGE ROAD	50	73	3,650	2	100	4	200	46	2,300	7	350
		SUBTOTALS			8100	750	1,500	3,800	3,800				1,850
1E		CTHK	10	107	1070	9	90	18	180	--	--	24	240
		SE RAMP	10	14	140	1	10	2	20	5	50	1	10
		EAST FRONTAGE ROAD	10	61	610	6	60	12	120	19	190	12	120
		SUBTOTALS			1,820	160	320	240	240				370
1F		CTHK	15	105	1575	15	225	30	450	14	210	37	555
		EAST FRONTAGE ROAD	15	79	1,185	4	60	8	120	21	315	14	210
		SUBTOTALS			2,760	285	570	525	525				765
		SUBTOTAL			20,500	1,520	3,040	5,555	5,555				4,455

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CONT. NEXT PAGE

TRAFFIC CONTROL (CONT.)

643.0300 643.0420 643.0705 643.0715 643.0900 **

CATEGORY	STAGE	ROADWAY	DRUMS			BARRICADES			WARNING LIGHTS			WARNING LIGHTS			SIGNS		
			DAYS	* EACH	DAY	TYPE II	* EACH	DAY	TYPE A	* EACH	DAY	TYPE C	* EACH	DAY	* EACH	DAY	
1000	1G	CTHK	10	167	1670	3	30	6	60	38	380	8	80				
		SE RAMP	10	--	--	--	--	--	--	--	--	1	10				
		EAST FRONTAGE ROAD	10	68	680	0	0	0	0	0	0	9	90				
		SUBTOTALS			2,350	30	60	60	380	380	180						
	1H	CTHK	10	137	1370	3	30	6	60	23	230	19	190				
		SE RAMP	10	--	--	--	--	--	--	--	--	1	10				
		EAST FRONTAGE ROAD	10	33	330	2	20	4	40	22	220	10	100				
		SUBTOTALS			1,700	50	100	100	450	450	300						
	1I	CTHK	25	--	--	--	--	--	--	--	--	2	50				
		EAST FRONTAGE ROAD	25	68	1,700	7	175	14	350	--	--	10	250				
		SUBTOTALS			1,700	175	350	350	0	0	300						
	2A	CTHK	5	26	130	2	10	4	20	7	35	18	90				
		WEST FRONTAGE ROAD	56	24	1344	17	852	34	1904	9	504	24	1344				
		WEST FRONTAGE ROAD	56	82	4,592	19	1,064	38	2,128	35	1,960	15	840				
		SUBTOTALS			6,066	2,026	4,052	4,052	2,499	2,499	2,274						
	2B	CTHK	10	24	240	17	170	34	340	9	90	24	240				
		WEST FRONTAGE ROAD	10	144	1440	10	100	20	200	10	100	18	180				
		SUBTOTALS			1,680	270	540	540	190	190	420						
			TOTALS:			32,296	3,896	7,792	9,074	9,074	7,929						
* FOR INFORMATION ONLY																	

**ADDITIONAL QUANTITIES SHOWN ELSEWHERE - SEE DETOUR ITEMS

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TRAFFIC CONTROL

643.0100		643.2000	
TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL
(1030-11-71)	(1030-11-71)	DETOUR	(1030-11-71)
EACH	EACH	EACH	EACH
1000	1	1	1
	1		1
	TOTAL		
	1		1

TUBULAR MARKERS

643.0500		643.0600	
TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL
FLEXIBLE TUBULAR	FLEXIBLE TUBULAR	FLEXIBLE TUBULAR	FLEXIBLE TUBULAR
MARKER POSTS	MARKER POSTS	MARKER BASES	MARKER BASES
EACH	EACH	EACH	EACH
1000	1F	15	15
	2B	14	14
		29	29

REMOVING PAVEMENT MARKINGS WATER BLASTING

646.0690.S		646.0690.S	
REMOVING PAVEMENT	REMOVING PAVEMENT	REMOVING PAVEMENT	REMOVING PAVEMENT
MARKINGS WATER BLASTING	MARKINGS WATER BLASTING	MARKINGS WATER BLASTING	MARKINGS WATER BLASTING
LF	LF	LF	LF
1000	WEST FRONTAGE ROAD	2056+11 - 2057+54	143
		2054+57 - 2057+25	268
		4055+75 - 4057+56	183
		4055+20 - 4055+60	40
		3054+50 - 3054+97	47
			681
	SUBTOTAL		
			136
	UNDISTRIBUTED (20%)		
	TOTALS		817

FIXED MESSAGE SIGNS

643.1000		643.1000	
TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL	TRAFFIC CONTROL
SIGNS	SIGNS	SIGNS	SIGNS
FIXED MESSAGE	FIXED MESSAGE	FIXED MESSAGE	FIXED MESSAGE
SF	SF	SF	SF
1000	2	200	1
		201	1
		202	1
		203	1
		204	2
		205	2
		206	1
		207	1
			24
			24
			448
			TOTALS

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TEMPORARY PAVEMENT MARKINGS

CATEGORY	STAGE	LOCATION	646.0103		646.0123		647.0563		649.0400		649.0801		649.1200		649.1800		649.2000		
			PAINT 4-INCH	PAVEMENT MARKING	PAINT 8-INCH	3 FT LINE 12 FT SKIP	WHITE	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
			YELLOW	WHITE					4-INCH	WHITE	8-INCH	WHITE	STORLINE 18-INCH	ARROWS	WORDS				
			LF	LF					YELLOW	WHITE	WHITE	LF	LF	LF	LF	LF	LF	LF	LF
1000	STAGE 1A	CTHK																	
			0	0	0	0	0	0	483	483	0	0	0	0	0	0	0	0	0
	STAGE 1B	CTHK	1292	3618			36												
		EAST FRONTAGE ROAD	2459	1335			55												
			3751	4953	0	0	91	0	0	0	0	0	0	0	0	0	0	0	0
	STAGE 1C	CTHK	25	443			38												
		EAST FRONTAGE ROAD	1142	1453			24												
			1167	1896	0	0	62	0	0	0	0	0	0	0	0	0	0	0	0
	STAGE 1D	CTHK	2252	3616				1200	3,106				24						
		EAST FRONTAGE ROAD						1804	1,524				36						
			2252	3616	0	0	0	3,004	4,630	0	60	0	0	0	0	0	0	0	0
	STAGE 1E	CTHK						34	547				24						
		EAST FRONTAGE ROAD						1,196	2,496				61						
			0	0	0	0	0	1,230	3,043	0	85	0	0	0	0	0	0	0	0
	STAGE 1F	CTHK						3,490	6,269	260	45								
		EAST FRONTAGE ROAD							1,529		90								
		CAROL ROAD						101	281		23								
			0	0	0	0	0	3,591	8,079	260	158	0	0	0	0	0	0	0	0
		SUBTOTAL	7,170	10,465	0	153	7,825	16,235	260	303	0	0	0	0	0	0	0	0	0

CONT. NEXT PAGE

TEMPORARY PAVEMENT MARKINGS (CONT.)

CATEGORY	STAGE	LOCATION	646.0103		646.0123		647.0563		649.0400		649.0801		649.1200		649.1800		649.2000		
			PAINT 4-INCH	PAINT 8-INCH	PAINT 8-INCH	3 FT LINE 12 FT SKIP	PAINT 8-INCH	STOPLINE 18-INCH	PAINT 8-INCH	STOPLINE 18-INCH	4-INCH	STOPLINE 18-INCH	8-INCH	STOPLINE 18-INCH	TEMPORARY PAVEMENT MARKING	ARROWS	WORDS		
			YELLOW	WHITE	WHITE	WHITE	WHITE	WHITE	YELLOW	WHITE	WHITE	WHITE	LF	LF	LF	LF	LF	LF	LF
1000	STAGE 1G	CTHK	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		EAST FRONTAGE ROAD	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		STAGE 1G SUBTOTAL:	0	0	0	36	117	117	7,736	6,964	22	223	22	223	0	0	0	0	0
	STAGE 1H	CTHK	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		EAST FRONTAGE ROAD	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		STAGE 1H SUBTOTAL:	0	0	0	36	117	117	7,736	6,964	22	223	22	223	0	0	0	0	0
	STAGE 2A	WEST FRONTAGE ROAD	1256	1653	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		STAGE 2A SUBTOTAL:	1256	1653	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	STAGE 2B	WEST FRONTAGE ROAD	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		STAGE 2B SUBTOTAL:	0	0	0	0	0	0	1,879	1,882	0	0	0	0	0	0	0	0	0
		SUBTOTAL	8,426	12,118	36	270	270	19,074	26,239	282	543	282	543	1	1	1	1	1	1
		TOTAL	20,544	36	270	270	45,313	543	282	543	1	1	1	1	1	1	1	1	1

Addendum No. 01
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Added Sheet 228A
May 16, 2017

ADJUSTING WATER VALVES

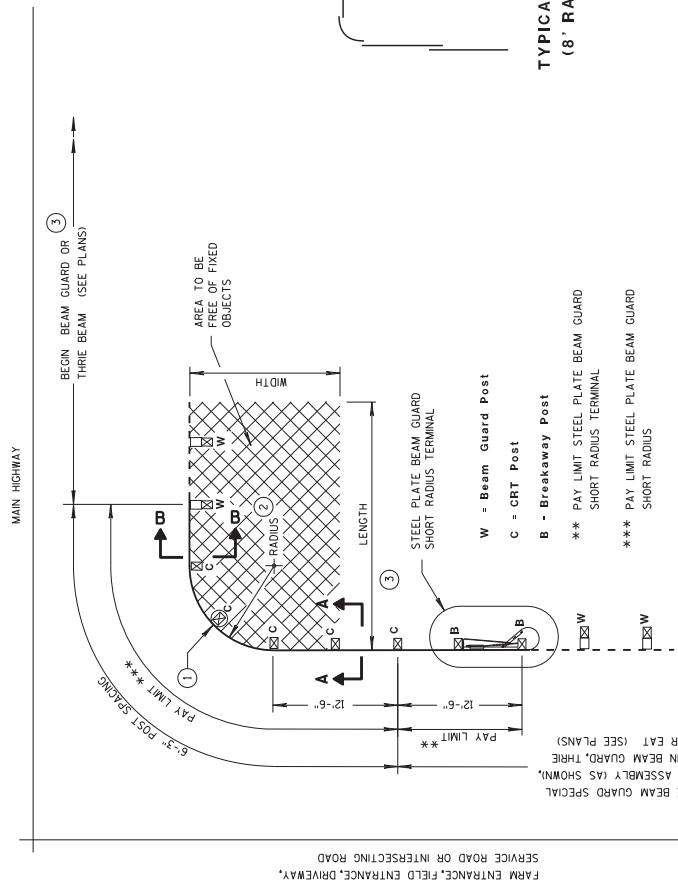
SPV.0060.500
ADJUSTING
WATER VALVES
EACH

CATEGORY	ROADWAY	STATION	OFFSET	QUANTITY
1000	CTHK	50+71WB	58.2 LT	1
		50+98WB	52.8 LT	1
		51+03WB	57.7 LT	1
		52+99WB	42.7 LT	1
		53+04WB	47.9 LT	1
		55+69WB	53.8 LT	1
		64+28WB	34.5 LT	1
		64+39WB	37.4 LT	1
		69+14WB	39.7 LT	1
		69+24WB	42.2 LT	1
		74+34WB	43.4 LT	1
		74+40WB	45.7 LT	1
		10+68	43.0 LT	1
CAROL ROAD				
TOTAL				13

STEEL PLATE BEAM GUARD

CATEGORY	LOCATION	STAGE	STATION	TO STATION	LF	QUANTITY	UNIT	PRICE
1000	CTHK (EAST END)	1D/MG	69WB+75	70WB+70	37	80	STEEL PLATE BEAM GUARD	204.0165
			70WB+85	73WB+25	37	228	STEEL PLATE BEAM GUARD	
TOTAL:					74	308		74

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ID 1030-11-71
Revised Sheet 231
May 16, 2017



GENERAL NOTES

ALL ANGLES, CHANNELS, AND PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36 AND THE STRUCTURAL TUBING SHALL CONFORM TO ASTM A 500. WELDING SHALL MEET THE CURRENT REQUIREMENTS OF THE AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE (AWS/A5.1). ALL STRUCTURAL STEEL SHALL BE GALVANNEAL. GALVANNEAL SHALL BE PERMITTED AFTER GALVANNEALING, FURNISH AND INSTALL HARDWARE PER STANDARD SPECIFICATION 614.2, UNLESS NOTED OTHERWISE.

SHOP BEND CURVED RAIL SECTIONS.

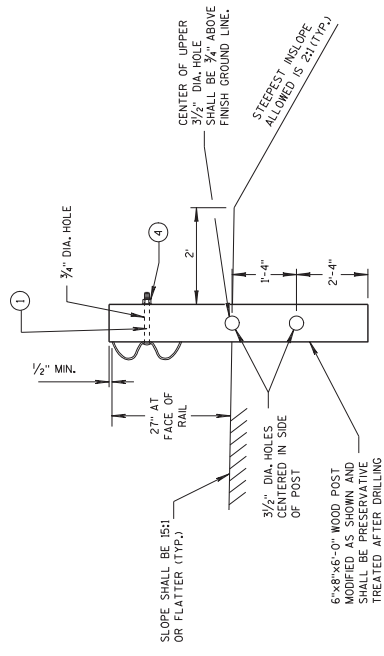
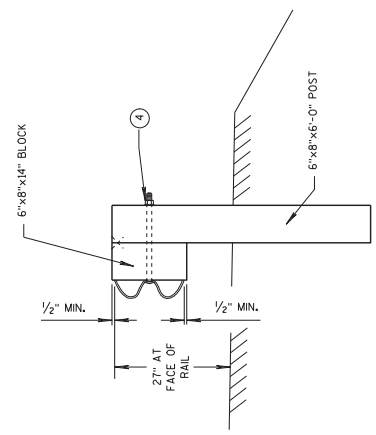
SEE STANDARD DETAIL DRAWING 14 B 15 FOR OTHER DETAIL.

- 1 ON THE 8 FOOT RADIUS INSTALLATION, DO NOT INSTALL BUTTON HEAD BOLT AT CENTER CRT POST.
- 2 RADIUS FROM 8' - 36'. SEE PLAN.
- 3 HEIGHT TRANSITION MAY BE REQUIRED. SEE PLAN OR PROJECT ENGINEER.
- 4 5/8" ϕ x 1'-6" BUTTON HEAD BOLT AND RECESS NUT WITH ROUND WASHER UNDER NUT.

RADIUS	NUMBER OF CRT POSTS	* NUMBER AND LENGTH OF CURVED RAILS	REQUIRED AREA FREE OF FIXED OBJECTS (LENGTH X WIDTH)
8'	5	1 of 12.5'	25' x 15'
16'	7	1 of 25'	30' x 15'
24'	9	1 of 25' and 1 of 12.5'	40' x 20'
32'	11	2 of 25'	50' x 20'

* THE NUMBER OF RAILS IS BASED ON A 90° INTERSECTION. SEE PLAN FOR NON 90° INSTALLATIONS.

Addendum No. 01
ID 1030-11-71
Added Sheet 324A
May 16, 2017



**SECTION A-A
(CRT POST)**

**SECTION B-B
(BEAM GUARD POST)**

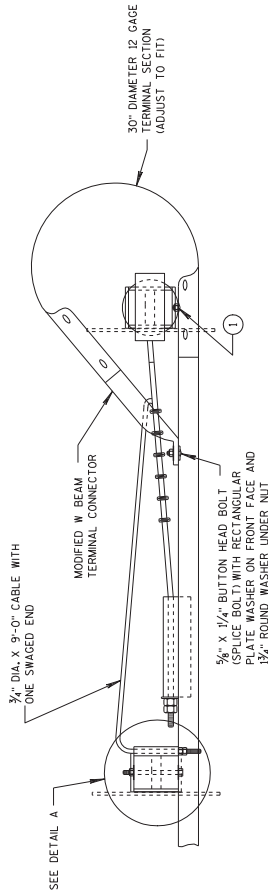
STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

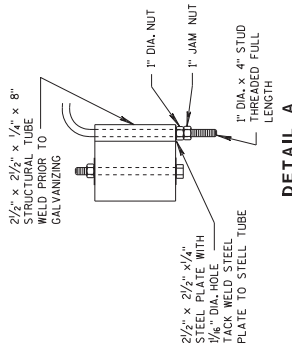
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

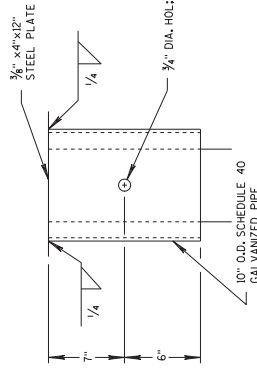
- ① ATTACH W BEAM RAIL TO THE STEEL PIPE WITH A $\frac{3}{8}$ " x 2" BUTTON HEAD BOLT WITH NO WASHER, CONNECTION TO THE POST IS NOT REQUIRED.
- INSTALL GALVANIZED $\frac{3}{4}$ " (6X19) PREFORMED WIRE OR INDEPENDENT WIRE ROPE CORE CONFORMING TO AASHTO M 30, MANUFACTURE WIRE ROPE OUT OF IMPROVED FLOW STEEL WITH A MINIMUM BREAKING STRENGTH OF 42,800 PSL.



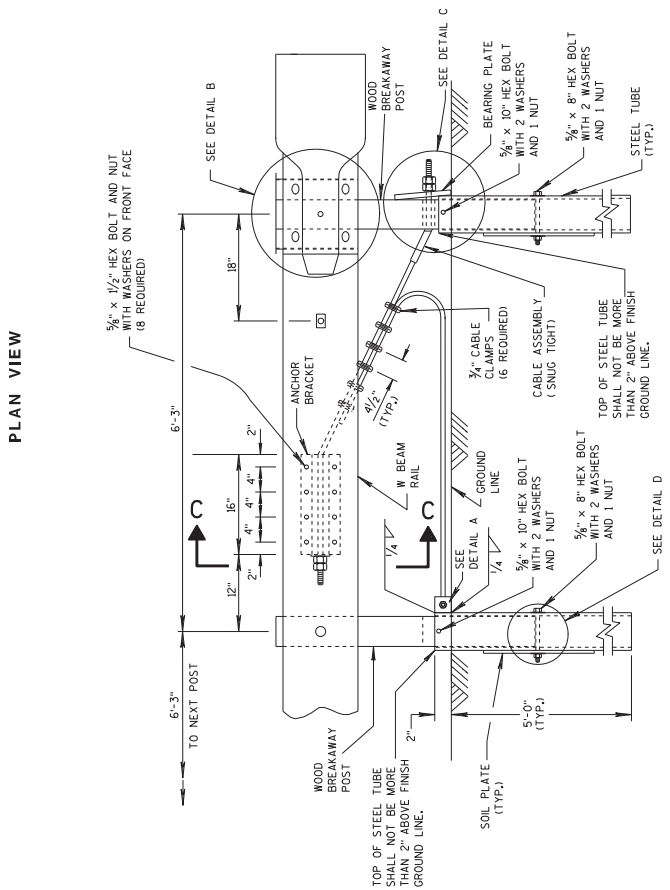
PLAN VIEW



DETAIL A



DETAIL B
(BEAM GUARD AND TERMINAL SECTION NOT SHOWN)



ELEVATION VIEW

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

STEEL PLATE BEAM GUARD
SHORT RADIUS TERMINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

324B

Addendum No. 01
ID 1030-11-71
Added Sheet 324B
May 16, 2017

CTH K WB RL - EAST END

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Fill	Cumulative Vol (CY)		Expanded Fill	Mass Ordinate
			Cut	Fill	Cut	Fill		Cut	Fill		
52+18.84	5216.19	0.00	28.27	16.14	0	0	0	0	0	0	0.00
52+25	5222.34	6.16	75.05	44.02	12	7	12	12	9	9	3.21
52+30	5227.34	5.00	101.31	53.19	16	9	28	28	20	20	8.28
52+35	5232.34	5.00	115.64	52.96	20	10	48	48	32	32	16.08
52+40	5237.34	5.00	122.33	50.58	22	10	70	70	44	44	26.13
52+45	5242.34	5.00	131.92	48.34	24	9	94	94	56	56	38.23
52+50	5247.34	5.00	141.28	47.53	25	9	119	119	67	67	52.43
52+55	5252.34	5.00	145.03	52.99	27	9	146	146	78	78	67.30
52+60	5257.34	5.00	141.02	66.57	26	11	172	172	92	92	79.95
52+65	5262.34	5.00	137.38	68.84	26	13	198	198	108	108	90.06
52+70	5267.34	5.00	135.72	69.98	25	13	223	223	124	124	99.28
52+75	5272.34	5.00	134.51	70.27	25	13	248	248	140	140	108.07
52+80	5277.34	5.00	132.18	70.01	25	13	273	273	156	156	116.52
52+85	5282.34	5.00	125.97	74.17	24	13	297	297	173	173	123.74
52+90	5287.34	5.00	121.93	82.34	23	14	320	320	191	191	128.58
52+95	5292.34	5.00	129.35	78.19	23	15	343	343	210	210	133.27
53+00	5297.34	5.00	153.89	78.12	26	14	369	369	228	228	141.40
53+05	5302.34	5.00	166.99	77.04	30	14	399	399	246	246	153.15
53+10	5307.34	5.00	176.98	78.96	32	14	431	431	264	264	166.95
53+15	5312.34	5.00	168.10	81.08	32	15	463	463	282	282	180.38
53+20	5317.34	5.00	159.29	83.12	30	15	493	493	301	301	191.68
53+25	5322.34	5.00	152.63	83.33	29	15	522	522	321	321	201.30
53+30	5327.34	5.00	148.68	81.56	28	15	550	550	340	340	210.12
53+35	5332.34	5.00	145.57	81.85	27	15	577	577	359	359	218.45
53+40	5337.34	5.00	143.70	82.73	27	15	604	604	378	378	226.19
53+45	5342.34	5.00	142.96	84.39	27	15	630	630	397	397	233.39
53+50	5347.34	5.00	144.37	88.20	27	16	657	657	417	417	240.01
54+00	5397.34	50.00	214.04	85.92	332	161	989	989	618	618	370.35
54+50	5447.34	50.00	166.96	69.33	353	144	1,342	1,342	798	798	543.43
55+00	5497.34	50.00	178.72	61.97	320	122	1,662	1,662	950	950	711.54
55+50	5547.34	50.00	197.11	61.00	348	114	2,010	2,010	1,092	1,092	917.21
56+00	5597.34	50.00	212.51	55.98	379	108	2,389	2,389	1,228	1,228	1,161.10
56+50	5647.34	50.00	233.04	63.73	413	111	2,802	2,802	1,366	1,366	1,435.09
57+00	5697.34	50.00	170.73	80.57	374	134	3,175	3,175	1,533	1,533	1,641.94
57+50	5747.34	50.00	159.70	81.19	306	150	3,481	3,481	1,721	1,721	1,760.66
58+00	5797.34	50.00	122.97	91.38	262	160	3,743	3,743	1,920	1,920	1,822.66
58+50	5847.34	50.00	100.49	118.23	207	194	3,950	3,950	2,163	2,163	1,786.97
58+58.46	5855.80	8.46	114.00	103.70	34	35	3,984	3,984	2,206	2,206	1,777.11
58+65	5862.34	6.54	117.48	107.91	28	26	4,012	4,012	2,238	2,238	1,773.11
58+70	5867.34	5.00	118.78	100.37	22	19	4,033	4,033	2,263	2,263	1,770.88
58+75	5872.34	5.00	119.78	95.18	22	18	4,056	4,056	2,285	2,285	1,770.34
58+80	5877.34	5.00	122.23	78.63	22	16	4,078	4,078	2,305	2,305	1,772.63
58+85	5882.34	5.00	128.17	55.95	23	12	4,101	4,101	2,321	2,321	1,780.24
58+90	5887.34	5.00	137.60	45.62	25	9	4,126	4,126	2,333	2,333	1,793.09
58+95	5892.34	5.00	148.55	36.87	26	8	4,152	4,152	2,342	2,342	1,810.04
59+00	5897.34	5.00	146.11	24.27	27	6	4,180	4,180	2,349	2,349	1,830.25
59+05	5902.34	5.00	141.60	10.16	27	3	4,206	4,206	2,353	2,353	1,852.90

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Revised Sheet 423
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59+10	5907.34	5.00	134.21	10.86	26	2	4,232	2,356	1,876.01
59+15	5912.34	5.00	137.34	11.62	25	2	4,257	2,358	1,898.55
59+20	5917.34	5.00	142.62	12.35	26	2	4,283	2,361	1,921.69
59+25	5922.34	5.00	146.02	13.76	27	2	4,310	2,364	1,945.40
59+30	5927.34	5.00	146.30	26.61	27	4	4,337	2,369	1,967.79
59+35	5932.34	5.00	143.53	39.25	27	6	4,363	2,376	1,987.00
59+40	5937.34	5.00	117.53	60.20	24	9	4,388	2,388	1,999.67
59+45	5942.34	5.00	102.13	76.23	20	13	4,408	2,404	2,004.21
59+50	5947.34	5.00	89.78	97.35	18	16	4,426	2,424	2,001.89
59+55	5952.34	5.00	81.11	113.23	16	19	4,442	2,448	1,993.34
59+60	5957.34	5.00	80.39	123.00	15	22	4,456	2,476	1,980.96
59+65	5962.34	5.00	92.57	132.56	16	24	4,472	2,505	1,967.39
59+70	5967.34	5.00	108.33	138.47	19	25	4,491	2,536	1,954.62
59+75	5972.34	5.00	115.08	139.60	21	26	4,512	2,569	1,943.13
59+80	5977.34	5.00	121.92	134.61	22	25	4,534	2,600	1,933.33
59+85	5982.34	5.00	132.06	129.08	24	24	4,557	2,631	1,926.33
59+87.08	5984.42	2.08	137.55	129.74	10	10	4,568	2,643	1,924.26
60+00	5997.34	12.92	165.94	128.20	73	62	4,640	2,721	1,919.72
60+50	6047.34	50.00	170.68	110.45	312	221	4,952	2,997	1,955.19
61+00	6097.34	50.00	150.99	110.25	298	204	5,250	3,252	1,997.58
61+50	6147.34	50.00	148.19	110.94	277	205	5,527	3,508	2,018.59
62+00	6197.34	50.00	150.22	99.96	276	195	5,803	3,752	2,050.80
62+50	6247.34	50.00	163.51	80.06	290	167	6,094	3,961	2,132.94
63+00	6297.34	50.00	181.85	36.44	320	108	6,413	4,095	2,317.88
63+50	6347.34	50.00	224.85	16.08	377	49	6,790	4,156	2,633.67
64+00	6397.34	50.00	250.84	6.89	440	21	7,230	4,183	3,047.54
64+50	6447.34	50.00	274.46	1.50	486	8	7,717	4,193	3,524.22
65+00	6497.34	50.00	288.12	0.76	521	2	8,238	4,195	4,042.51
65+50	6547.34	50.00	320.22	1.27	563	2	8,801	4,198	4,603.43
66+00	6597.34	50.00	296.15	6.34	571	7	9,372	4,206	5,165.33
66+50	6647.34	50.00	291.72	2.51	544	8	9,916	4,217	5,699.41
67+00	6697.34	50.00	250.67	4.59	502	7	10,418	4,225	6,193.39
67+50	6747.34	50.00	229.23	7.86	444	12	10,863	4,239	6,623.33
68+00	6797.34	50.00	269.26	1.21	462	8	11,324	4,250	7,074.41
68+50	6847.34	50.00	225.08	17.43	458	17	11,782	4,271	7,510.57
69+00	6897.34	50.00	272.10	3.15	460	19	12,242	4,295	7,947.09
69+50	6947.34	50.00	254.02	1.05	487	4	12,729	4,300	8,429.37
70+00	6997.34	50.00	234.14	7.13	452	8	13,181	4,309	8,871.90
70+50	7047.34	50.00	241.57	12.29	440	18	13,622	4,332	9,289.90
71+00	7097.34	50.00	256.42	0.00	461	11	14,083	4,346	9,736.77
71+50	7147.34	50.00	259.73	0.11	478	0	14,561	4,346	10,214.56
72+00	7197.34	50.00	253.64	0.00	475	0	15,036	4,346	10,689.77
72+50	7247.34	50.00	243.54	0.00	460	0	15,497	4,346	11,150.12
73+00	7297.34	50.00	235.72	0.00	444	0	15,940	4,346	11,593.89
73+50	7347.34	50.00	232.70	0.00	434	0	16,374	4,346	12,027.61
74+00	7397.34	50.00	218.14	0.00	417	0	16,791	4,346	12,445.07
74+50	7447.34	50.00	233.82	0.00	418	0	17,210	4,346	12,863.55
75+00	7497.34	50.00	196.62	0.00	399	0	17,608	4,347	13,261.99
75+50	7547.34	50.00	213.16	0.00	379	0	17,988	4,347	13,641.31
76+00	7597.34	50.00	177.77	0.08	362	0	18,350	4,347	14,003.19
					18,350	3,477			

Addendum No. 01
 ID 1030-11-71
 Revised Sheet 428
 May 16, 2017

EAST FRONTAGE ROAD - SOUTH

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut	Expanded Fill	
3051+00	305100.00	0.00	51.59	17.25	0	0	0	0	0.00
3051+50	305150.00	50.00	47.10	25.20	91	39	91	49	42.25
3052+00	305200.00	50.00	48.06	32.16	88	53	179	116	63.96
3052+50	305250.00	50.00	48.23	40.79	89	68	269	200	68.68
3053+00	305300.00	50.00	29.94	31.98	72	67	341	284	56.84
3053+50	305350.00	50.00	92.43	18.96	113	47	454	343	111.18
3054+00	305400.00	50.00	146.41	29.13	221	45	675	399	276.65
3054+50	305450.00	50.00	197.85	46.66	319	70	994	487	507.68
3054+82.37	305482.37	32.37	81.88	59.24	168	63	1,162	566	595.99
3054+85	305485.00	2.63	76.51	65.00	8	6	1,170	573	596.15
3054+90	305490.00	5.00	79.74	60.57	14	12	1,184	588	596.08
3054+95	305495.00	5.00	79.66	103.75	15	15	1,199	607	591.82
3055+00	305500.00	5.00	134.90	135.30	20	22	1,219	635	584.02
3055+05	305505.00	5.00	136.49	133.43	25	25	1,244	666	578.04
3055+10	305510.00	5.00	138.79	129.30	25	24	1,269	696	573.12
3055+15	305515.00	5.00	139.66	121.80	26	23	1,295	725	569.84
3055+20	305520.00	5.00	138.60	111.67	26	22	1,321	752	568.59
3055+25	305525.00	5.00	137.36	97.99	26	19	1,346	777	569.87
3055+30	305530.00	5.00	141.29	87.90	26	17	1,372	798	574.16
3055+35	305535.00	5.00	140.22	79.98	26	16	1,398	817	580.80
3055+40	305540.00	5.00	131.57	75.29	25	14	1,423	835	587.99
3055+45	305545.00	5.00	121.02	71.80	23	14	1,447	852	594.36
3055+50	305550.00	5.00	117.26	61.85	22	12	1,469	868	600.95
3055+55	305555.00	5.00	115.67	53.45	22	11	1,490	881	609.18
3055+60	305560.00	5.00	109.44	38.91	21	9	1,511	892	619.33
3055+65	305565.00	5.00	103.16	31.00	20	6	1,531	900	630.93
3055+70	305570.00	5.00	97.04	23.71	19	5	1,550	906	643.13
3055+75	305575.00	5.00	90.87	21.50	17	4	1,567	912	655.30
3055+80	305580.00	5.00	75.25	24.95	15	4	1,582	917	665.69
3055+85	305585.00	5.00	46.30	21.60	11	4	1,594	922	671.56
3055+90	305590.00	5.00	35.09	13.56	8	4	1,601	926	674.63
					1,601	741			

Addendum No. 01
 ID 1030-11-71
 Revised Sheet 429
 May 16, 2017

CTH K TRANSITION - WEST

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut 1.00 Note 1	Expanded Fill 1.25	
338+50	33850.00	0.00	168.64	10.29	0	0	0	0	0.00
339+00	33900.00	50.00	125.48	7.50	272	16	272	21	251.74
339+50	33950.00	50.00	65.67	10.80	177	17	449	42	407.54
340+00	34000.00	50.00	33.70	14.09	92	23	541	71	470.74
340+50	34050.00	50.00	28.77	27.13	58	38	599	118	480.88
341+00	34100.00	50.00	35.89	46.80	60	68	659	204	455.18
					659	163			

CAROL ROAD

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut 1.00 Note 1	Expanded Fill 1.25	
10+25	1025.00	0.00	4.22	0.00	0	0	0	0	0.00
10+30	1030.00	5.00	24.71	0.00	3	0	3	0	2.68
10+35	1035.00	5.00	44.08	0.00	6	0	9	0	9.05
10+40	1040.00	5.00	59.83	0.00	10	0	19	0	18.67
10+45	1045.00	5.00	65.75	1.84	12	0	30	0	30.08
10+50	1050.00	5.00	65.51	18.50	12	2	42	3	39.88
10+55	1055.00	5.00	67.89	43.54	12	6	55	10	45.05
10+60	1060.00	5.00	69.64	70.53	13	11	68	23	44.58
10+65	1065.00	5.00	72.51	76.80	13	14	81	40	40.70
10+70	1070.00	5.00	91.25	52.70	15	12	96	55	40.87
10+75	1075.00	5.00	124.94	12.70	20	6	116	63	53.32
10+80	1080.00	5.00	146.95	9.63	25	2	141	65	75.91
10+85	1085.00	5.00	146.35	7.63	27	2	168	67	101.07
10+90	1090.00	5.00	137.20	6.32	26	1	194	69	125.71
10+93.2	1093.20	3.20	132.98	5.51	16	1	210	70	140.84
11+00	1100.00	6.80	130.14	0.00	33	1	244	71	173.11
11+43.27	1143.27	43.27	73.09	0.00	163	0	406	71	335.96
					406	56			

Addendum No. 01
ID 1030-11-71
Added Sheet 429A
May 16, 2017

TEMP WIDENING - EAST FRONTAGE ROAD MEDIAN

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut 1.00 Note 1	Expanded Fill 1.25	
3048+00	304800.00	0.00	3.65	0.00	0	0	0	0	0.00
3048+50	304850.00	50.00	7.34	0.00	10	0	10	0	10.17
3049+00	304900.00	50.00	12.75	0.00	19	0	29	0	28.77
3049+50	304950.00	50.00	18.92	0.00	29	0	58	0	58.10
3050+00	305000.00	50.00	22.61	0.00	38	0	97	0	96.55
3050+50	305050.00	50.00	30.21	0.00	49	0	145	0	145.46
3051+00	305100.00	50.00	31.34	0.00	57	0	202	0	202.45
3051+50	305150.00	50.00	29.38	0.00	56	0	259	0	258.67
3052+00	305200.00	50.00	27.63	0.00	53	0	311	0	311.45
					311	0			

TEMP WIDENING - EAST FRONTAGE ROAD/CTH K SE CORNER

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut 1.00 Note 1	Expanded Fill 1.25	
3054+76.85	305476.85	0.00	0.00	0.00	0	0	0	0	0.00
3055+00	305500.00	23.15	191.64	9.24	82	4	82	5	77.19
3055+30.09	305530.09	30.09	161.52	8.05	197	10	279	17	261.93
3055+35	305535.00	4.91	150.12	8.28	28	1	307	19	288.42
3055+40	305540.00	5.00	144.67	8.40	27	2	335	21	313.78
3055+45	305545.00	5.00	137.15	9.44	26	2	361	23	337.81
3055+50	305550.00	5.00	119.17	9.94	24	2	384	25	359.30
3055+55	305555.00	5.00	85.65	10.71	19	2	403	27	375.87
3055+60	305560.00	5.00	41.21	12.63	12	2	415	30	384.92
3055+65	305565.00	5.00	12.37	17.02	5	3	420	34	386.45
3055+70	305570.00	5.00	10.28	20.26	2	3	422	38	384.23
3055+75	305575.00	5.00	12.69	6.50	2	2	424	41	383.26
3055+80	305580.00	5.00	16.94	0.00	3	1	427	42	385.25
3055+85	305585.00	5.00	5.93	0.00	2	0	429	42	387.37
3055+90	305590.00	5.00	0.00	0.00	1	0	430	42	387.92
					430	33			

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 Added Sheet 429B
 May 16, 2017

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut 1.00 Note 1	Expanded Fill 1.25	
52+58.66	5256.01	0.00	0.00	0.00	0	0	0	0	0.00
52+65	5262.34	6.34	3.80	0.00	0	0	0	0	0.45
52+70	5267.34	5.00	8.28	0.00	1	0	2	0	1.56
52+75	5272.34	5.00	9.26	1.66	2	0	3	0	3.00
52+80	5277.34	5.00	8.73	6.38	2	1	5	1	3.73
52+85	5282.34	5.00	8.51	8.37	2	1	6	3	3.62
52+90	5287.34	5.00	13.93	11.82	2	2	9	5	3.36
52+95	5292.34	5.00	32.68	11.17	4	2	13	8	5.01
53+00	5297.34	5.00	43.26	11.26	7	2	20	10	9.45
53+05	5302.34	5.00	39.01	9.81	8	2	27	13	14.63
53+10	5307.34	5.00	24.06	7.93	6	2	33	15	18.41
53+15	5312.34	5.00	13.36	6.97	3	1	37	17	20.15
53+20	5317.34	5.00	8.42	6.99	2	1	39	18	20.55
53+24.6	5321.94	4.60	7.39	6.96	1	1	40	20	20.41
53+50	5347.34	25.40	9.66	6.26	8	6	48	28	20.65
54+00	5397.34	50.00	43.73	0.00	49	6	98	35	62.83
54+10	5407.34	10.00	37.61	0.00	15	0	113	35	77.90
54+50	5447.34	40.00	78.50	0.00	86	0	199	35	163.90
55+00	5497.34	50.00	92.28	0.01	158	0	357	35	322.03
55+50	5547.34	50.00	89.00	0.00	168	0	525	35	489.87
56+00	5597.34	50.00	72.18	0.00	149	0	674	35	639.11
56+43	5640.34	43.00	19.28	0.00	73	0	747	35	711.93
56+50	5647.34	7.00	14.28	0.00	4	0	751	35	716.28
57+00	5697.34	50.00	20.77	0.00	32	0	784	35	748.74
57+50	5747.34	50.00	0.95	0.10	20	0	804	35	768.72
57+64.52	5761.87	14.52	0.00	0.00	0	0	804	35	768.94
					804	28			

Addendum No. 01
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Added Sheet 429C
May 16, 2017

TEMP WIDENING - ALONG CTH K - NORTH SIDE

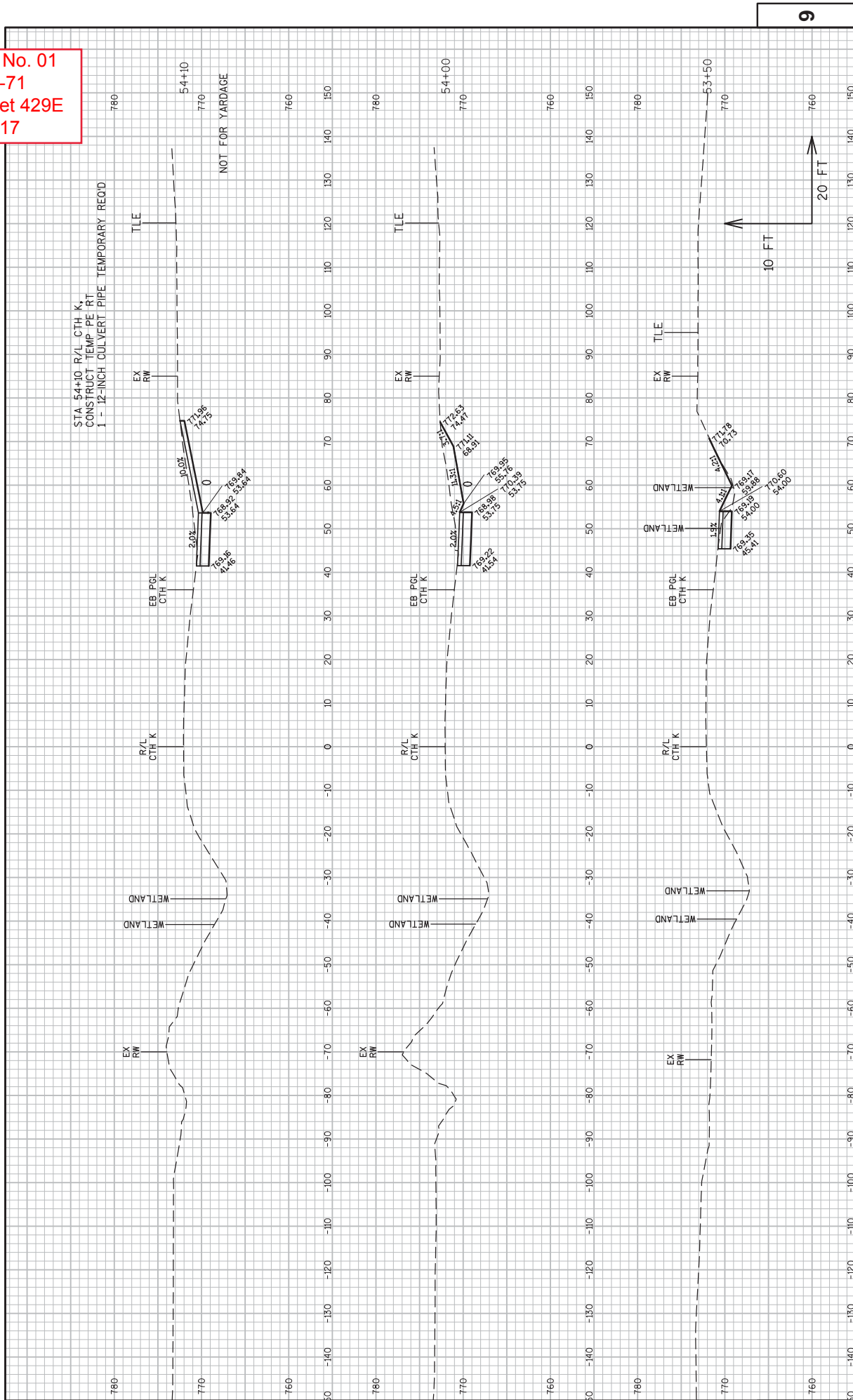
STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)		Mass Ordinate	Note 8
			Cut	Fill	Cut	Fill	Expanded Fill	Cut 1.00	Note 1		
60+00(3)	5997.34	0.00	6.17	48.89	0	0	0	0	0	0.00	
60+50(3)	6047.34	50.00	14.63	43.86	19	86	19	86	107	-88.10	
61+00(3)	6097.34	50.00	8.38	48.88	21	86	41	86	215	-174.13	
61+50(3)	6147.34	50.00	8.96	43.10	16	85	57	321	321	-264.53	
62+00(3)	6197.34	50.00	8.38	41.75	16	79	73	419	419	-346.69	
62+50(3)	6247.34	50.00	8.80	47.85	16	83	89	523	523	-434.48	
63+00(3)	6297.34	50.00	7.85	40.89	15	82	104	626	626	-521.76	
63+50(3)	6347.34	50.00	8.93	26.28	16	62	120	704	704	-583.96	
64+00(3)	6397.34	50.00	9.39	20.86	17	44	137	758	758	-621.55	
64+50(3)	6447.34	50.00	8.33	24.68	16	42	153	811	811	-657.86	
65+00(3)	6497.34	50.00	8.58	21.71	16	43	169	864	864	-695.90	
65+50(3)	6547.34	50.00	8.05	19.94	15	39	184	913	913	-728.71	
66+00(3)	6597.34	50.00	11.82	6.04	18	24	202	943	943	-740.37	
66+50(3)	6647.34	50.00	10.55	15.36	21	20	223	968	968	-744.43	
67+00(3)	6697.34	50.00	8.38	18.66	18	32	241	1,007	1,007	-766.28	
67+50(3)	6747.34	50.00	8.52	20.37	16	36	256	1,052	1,052	-795.80	
68+00(3)	6797.34	50.00	10.39	15.93	18	34	274	1,094	1,094	-820.31	
68+50(3)	6847.34	50.00	15.93	1.97	24	17	298	1,115	1,115	-816.65	
69+00(3)	6897.34	50.00	7.16	21.74	21	22	320	1,142	1,142	-822.72	
69+50(3)	6947.34	50.00	8.19	22.94	14	41	334	1,194	1,194	-860.22	
70+00(3)	6997.34	50.00	11.32	24.64	18	44	352	1,249	1,249	-897.22	
70+50(3)	7047.34	50.00	11.21	44.04	21	64	373	1,329	1,329	-955.85	
71+00(3)	7097.34	50.00	12.84	35.43	22	74	395	1,420	1,420	-1,025.55	
71+50(3)	7147.34	50.00	13.94	39.57	25	69	420	1,507	1,507	-1,087.55	
72+00(3)	7197.34	50.00	13.31	44.83	25	78	445	1,605	1,605	-1,160.00	
72+50(3)	7247.34	50.00	12.09	44.91	24	83	468	1,709	1,709	-1,240.34	
73+00(3)	7297.34	50.00	12.75	44.38	23	83	491	1,812	1,812	-1,320.68	
73+50(3)	7347.34	50.00	12.58	39.23	23	77	515	1,909	1,909	-1,393.99	
74+00(3)	7397.34	50.00	16.05	10.82	27	46	541	1,967	1,967	-1,425.41	
74+50(3)	7447.34	50.00	11.58	25.28	26	33	567	2,009	2,009	-1,441.61	
75+00(3)	7497.34	50.00	21.37	0.39	31	24	598	2,038	2,038	-1,440.80	
75+50(3)	7547.34	50.00	21.78	6.64	40	7	637	2,046	2,046	-1,408.97	
76+00(3)	7597.34	50.00	18.73	9.19	38	15	675	2,065	2,065	-1,389.77	
76+50(3)	7647.34	50.00	16.65	7.68	33	16	708	2,084	2,084	-1,376.53	
77+00(3)	7697.34	50.00	14.65	9.84	29	16	737	2,105	2,105	-1,367.82	
77+50(3)	7747.34	50.00	14.94	12.81	27	21	764	2,131	2,131	-1,366.64	
78+00(3)	7797.34	50.00	14.37	4.85	27	16	791	2,151	2,151	-1,359.95	
78+50(3)	7847.34	50.00	0.00	0.00	13	4	805	2,157	2,157	-1,352.26	
79+00(3)	7897.34	50.00	0.00	0.00	0	0	805	2,157	2,157	-1,352.26	
					805	1,725					

Addendum No. 01
ID 1030-11-71
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May 16, 2017

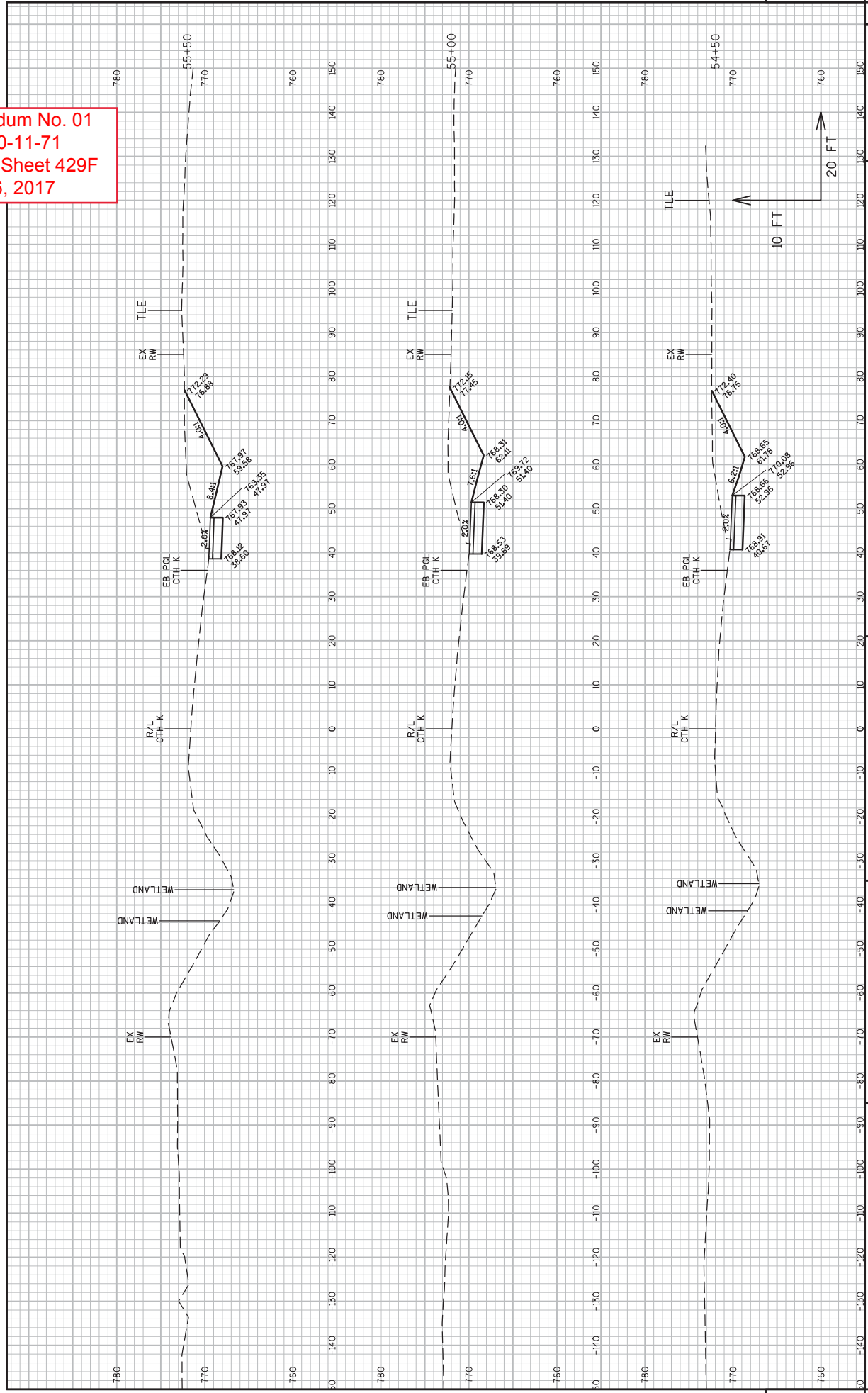
TEMP WIDENING - ALONG CTH K - SOUTH SIDE

STATION	Real Station	Distance	AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		Mass Ordinate
			Cut	Fill	Cut	Fill	Cut 1.00 Note 1	Expanded Fill 1.25	
60+00(3)	5997.34	0.00	0.00	0.00	0	0	0	0	0.00
60+50(3)	6047.34	50.00	0.00	0.00	0	0	0	0	0.00
61+00(3)	6097.34	50.00	0.00	0.00	0	0	0	0	0.00
61+50(3)	6147.34	50.00	0.00	0.00	0	0	0	0	0.00
62+00(3)	6197.34	50.00	0.00	0.00	0	0	0	0	0.00
62+50(3)	6247.34	50.00	0.00	0.00	0	0	0	0	0.00
63+00(3)	6297.34	50.00	0.00	0.00	0	0	0	0	0.00
63+50(3)	6347.34	50.00	0.00	0.00	0	0	0	0	0.00
64+00(3)	6397.34	50.00	0.00	0.00	0	0	0	0	0.00
64+50(3)	6447.34	50.00	0.00	0.00	0	0	0	0	0.00
65+00(3)	6497.34	50.00	0.00	0.00	0	0	0	0	0.00
65+50(3)	6547.34	50.00	0.00	0.00	0	0	0	0	0.00
66+00(3)	6597.34	50.00	0.00	0.00	0	0	0	0	0.00
66+50(3)	6647.34	50.00	0.00	0.00	0	0	0	0	0.00
67+00(3)	6697.34	50.00	0.00	0.00	0	0	0	0	0.00
67+50(3)	6747.34	50.00	0.00	0.00	0	0	0	0	0.00
68+00(3)	6797.34	50.00	53.78	12.88	50	12	50	15	34.89
68+50(3)	6847.34	50.00	50.26	19.62	96	30	146	53	93.61
69+00(3)	6897.34	50.00	48.47	33.87	91	50	238	114	123.11
69+50(3)	6947.34	50.00	52.26	46.64	93	75	331	208	123.20
70+00(3)	6997.34	50.00	88.66	38.88	130	79	461	307	154.70
70+50(3)	7047.34	50.00	89.50	21.12	165	56	626	376	250.22
71+00(3)	7097.34	50.00	103.13	5.62	178	25	805	407	397.64
71+50(3)	7147.34	50.00	91.09	15.22	180	19	984	431	553.35
72+00(3)	7197.34	50.00	83.14	10.03	161	23	1,146	460	685.44
72+50(3)	7247.34	50.00	78.27	6.17	149	15	1,295	479	816.15
73+00(3)	7297.34	50.00	72.42	5.98	140	11	1,435	493	941.60
73+50(3)	7347.34	50.00	68.68	16.97	131	21	1,565	520	1,045.68
74+00(3)	7397.34	50.00	66.17	16.00	125	31	1,690	558	1,132.38
74+50(3)	7447.34	50.00	64.12	16.21	121	30	1,811	595	1,215.75
75+00(3)	7497.34	50.00	58.59	19.13	114	33	1,925	636	1,288.48
75+50(3)	7547.34	50.00	56.40	7.17	106	24	2,031	666	1,364.52
76+00(3)	7597.34	50.00	60.50	0.32	108	7	2,139	675	1,464.10
76+50(3)	7647.34	50.00	10.99	0.00	66	0	2,205	676	1,529.92
77+00(3)	7697.34	50.00	10.17	0.10	20	0	2,225	676	1,549.40
77+50(3)	7747.34	50.00	10.09	0.34	19	0	2,244	676	1,567.65
78+00(3)	7797.34	50.00	10.14	0.23	19	1	2,263	677	1,585.71
78+50(3)	7847.34	50.00	8.81	0.00	18	0	2,280	677	1,602.99
79+00(3)	7897.34	50.00	0.00	0.00	8	0	2,288	677	1,611.15
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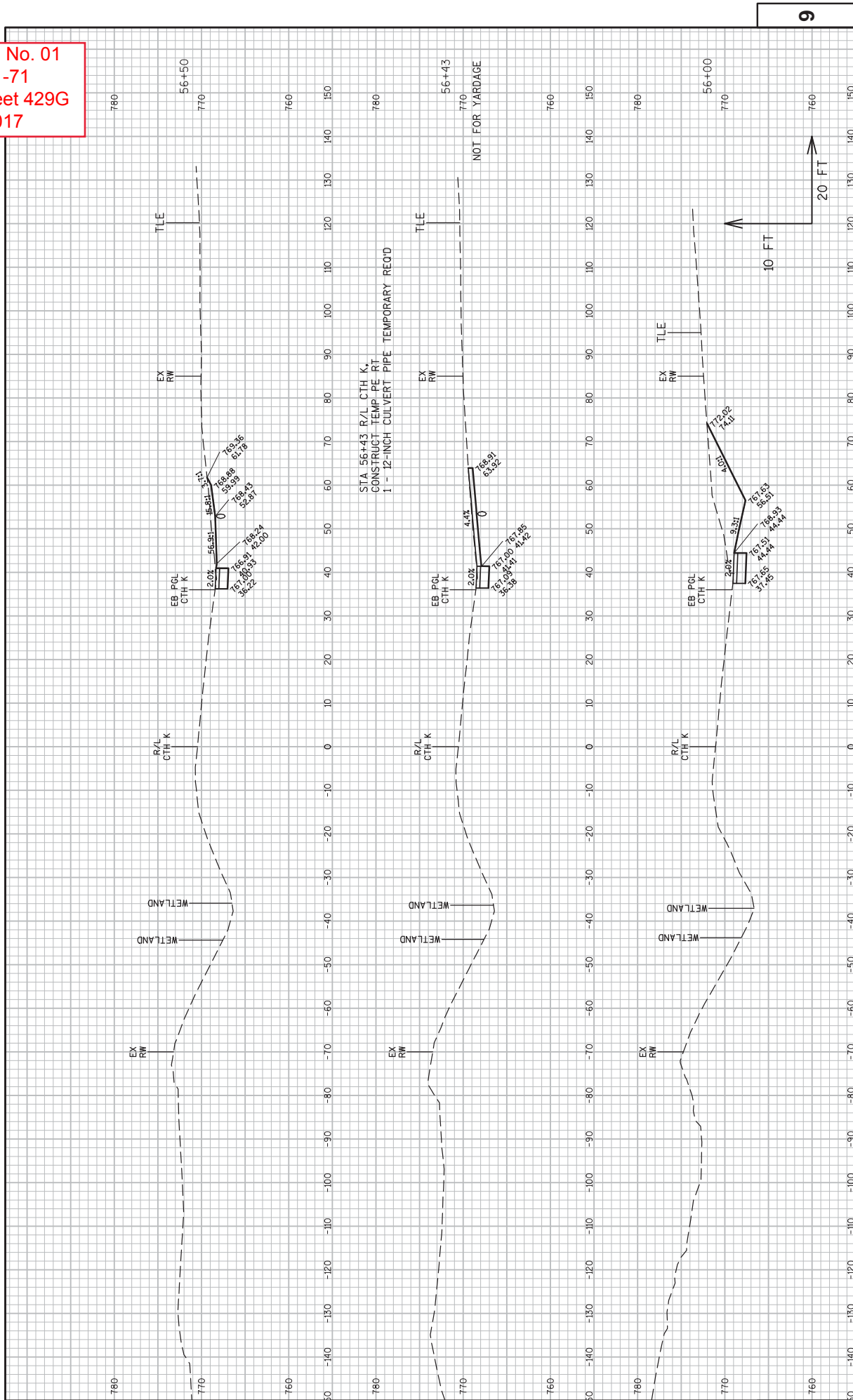
Addendum No. 01
 ID 1030-11-71
 Added Sheet 429E
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Added Sheet 429F
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Added Sheet 429G
 May 16, 2017



PROJECT NO: 1030-11-71

CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1A)

COUNTY: RACINE

HWY: IH 94/CTH K

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LAYOUT NAME - XS KT3

PLOT DATE : 5/4/2017 1:30 PM

PLOT BY : JOHANSEN, AMANDA A

PLOT NAME :

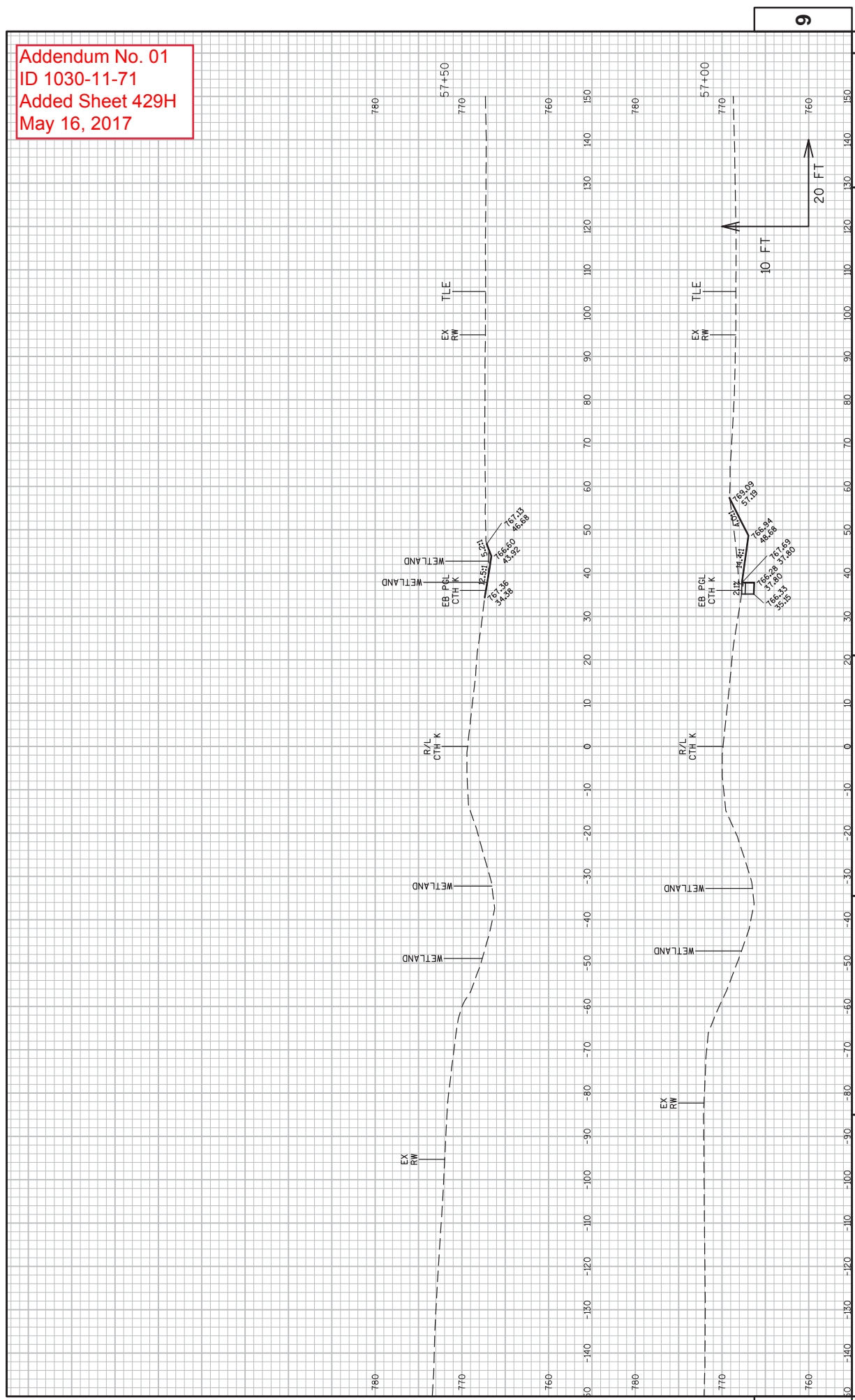
PLOT SCALE : 1 IN=20 FT

SHEET 429G

E

WSDOT/CADD SHEET 49

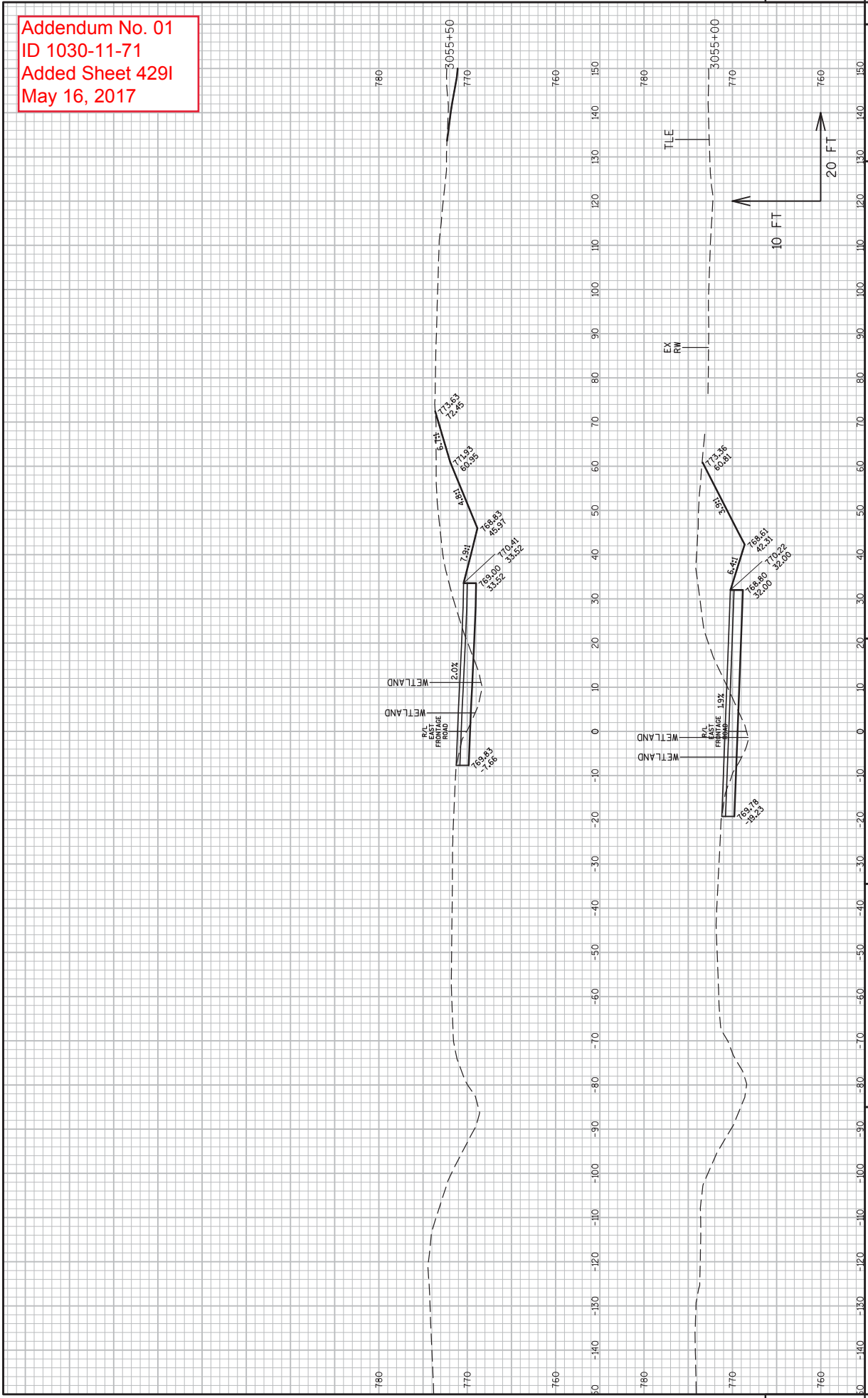
Addendum No. 01
 ID 1030-11-71
 Added Sheet 429H
 May 16, 2017



PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1A)
 SHEET 429H
 E

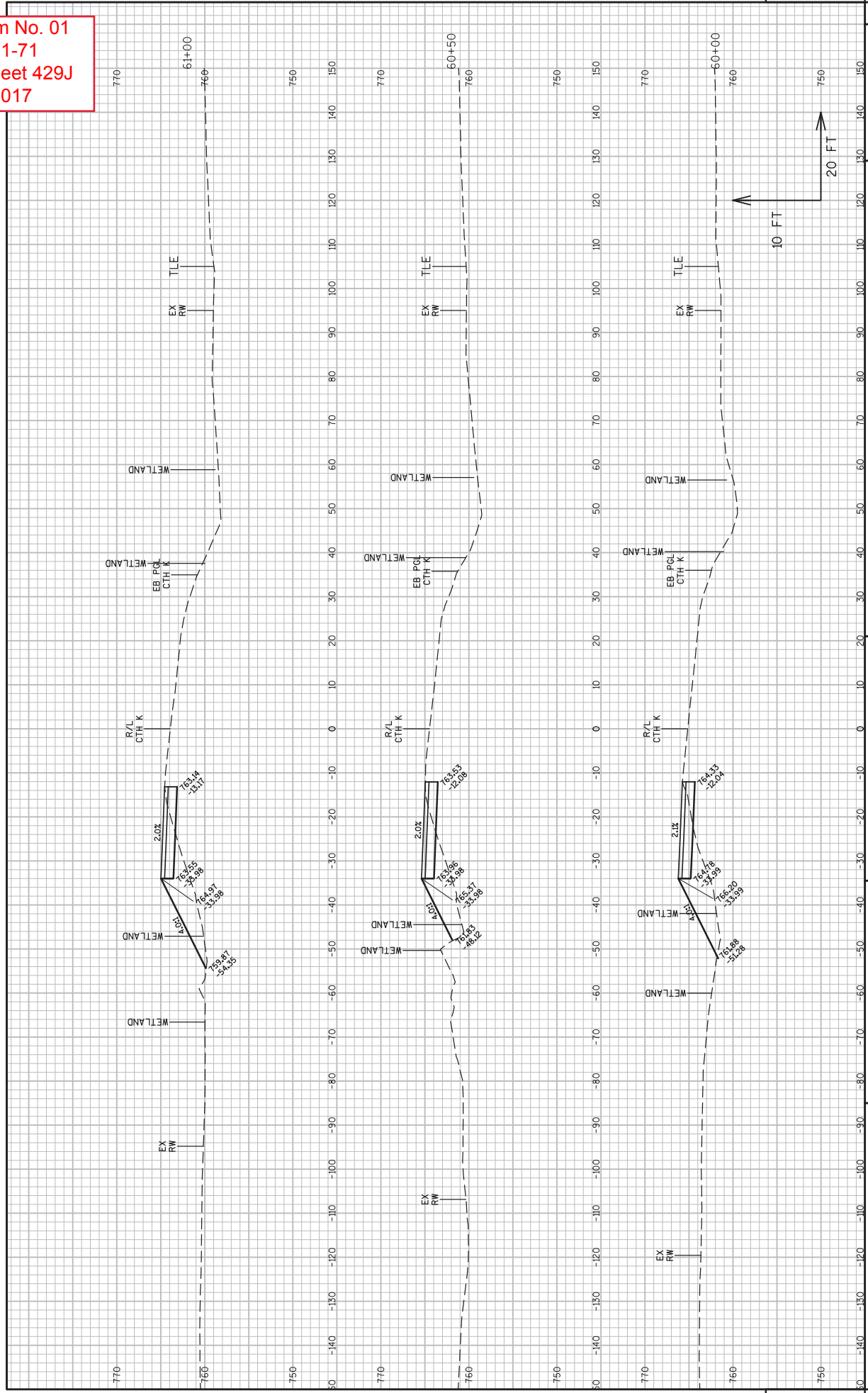
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 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
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 WSDOT/CADD SHEET 49

Addendum No. 01
 ID 1030-11-71
 Added Sheet 429I
 May 16, 2017



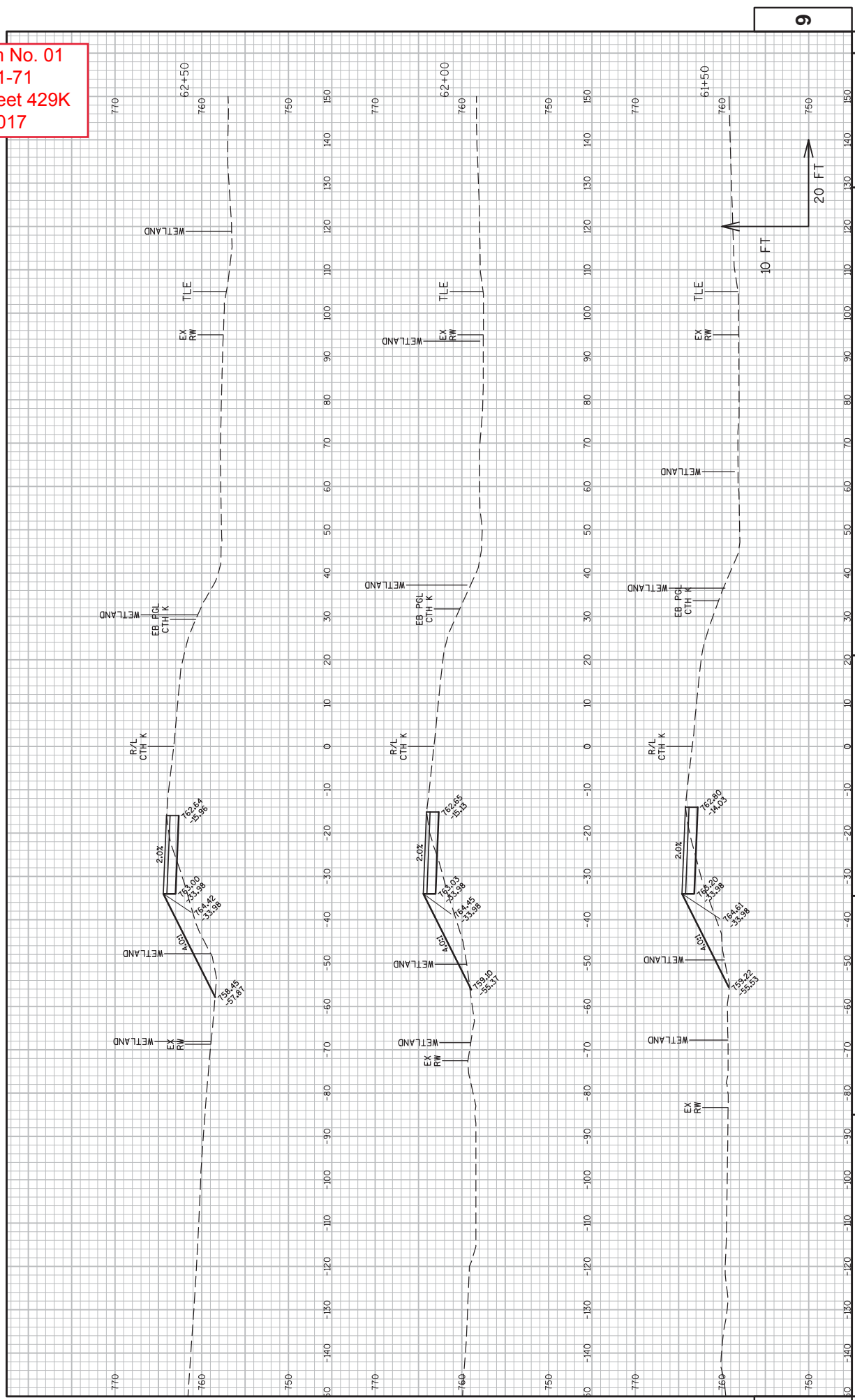
PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: EAST FRONTAGE RD - TEMP WIDENING (STAGE 1A) SHEET 429I
 E
 PLOT DATE: 5/4/2017 1:27 PM
 PLOT BY: JOHANSEN, AMANDA A
 PLOT NAME:
 PLOT SCALE: 1 IN:20 FT
 WSDOT/CADD SHEET 49

Addendum No. 01
 ID 1030-11-71
 Added Sheet 429J
 May 16, 2017



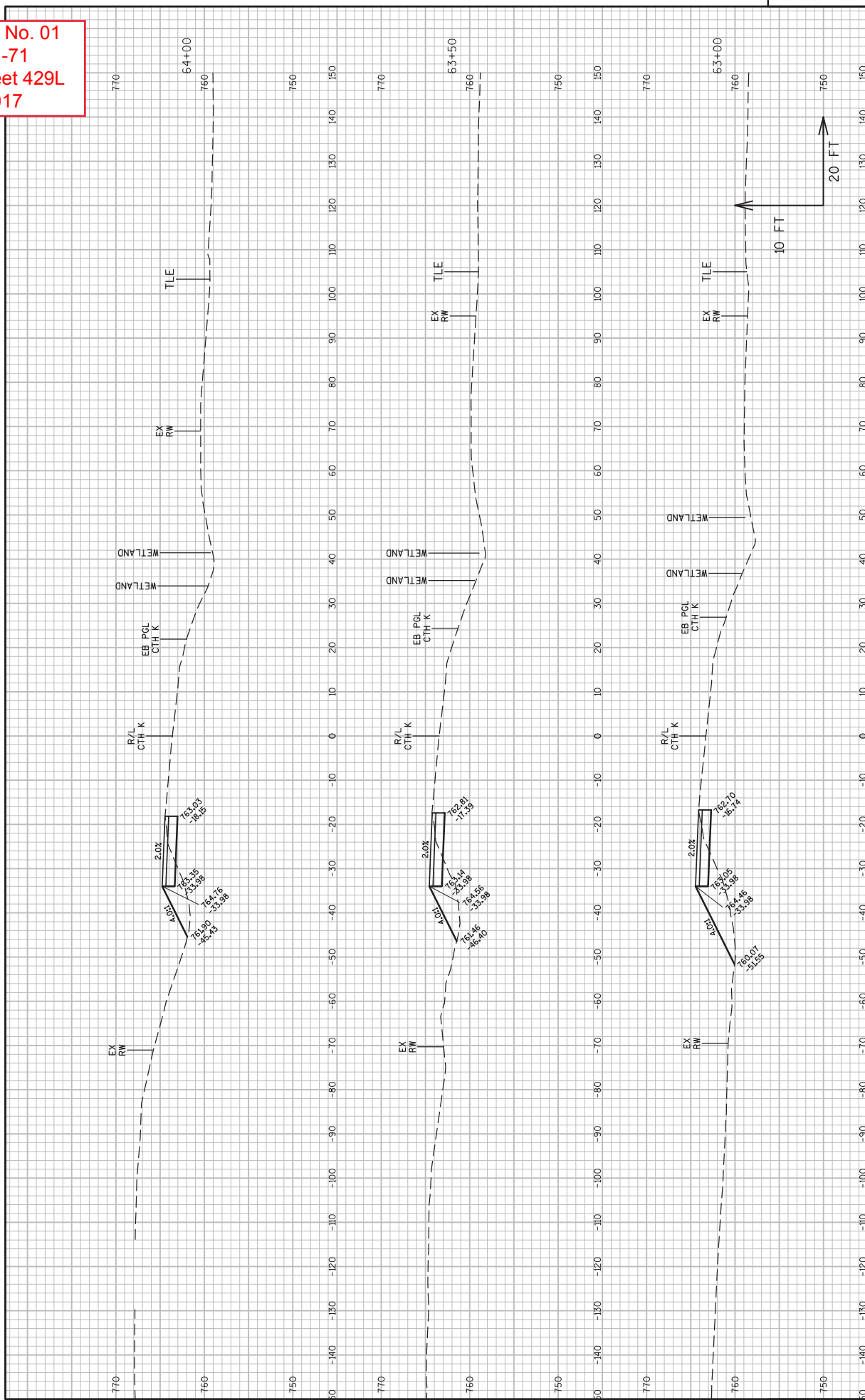
PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1B)
 SHEET 429J
 E
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 LAYOUT NAME - XS.KTS
 PLOT DATE : 5/4/2017 2:45 PM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 PLOT SCALE : 1 IN=20 FT
 WSDOT/CADD SHEET 49

Addendum No. 01
 ID 1030-11-71
 Added Sheet 429K
 May 16, 2017



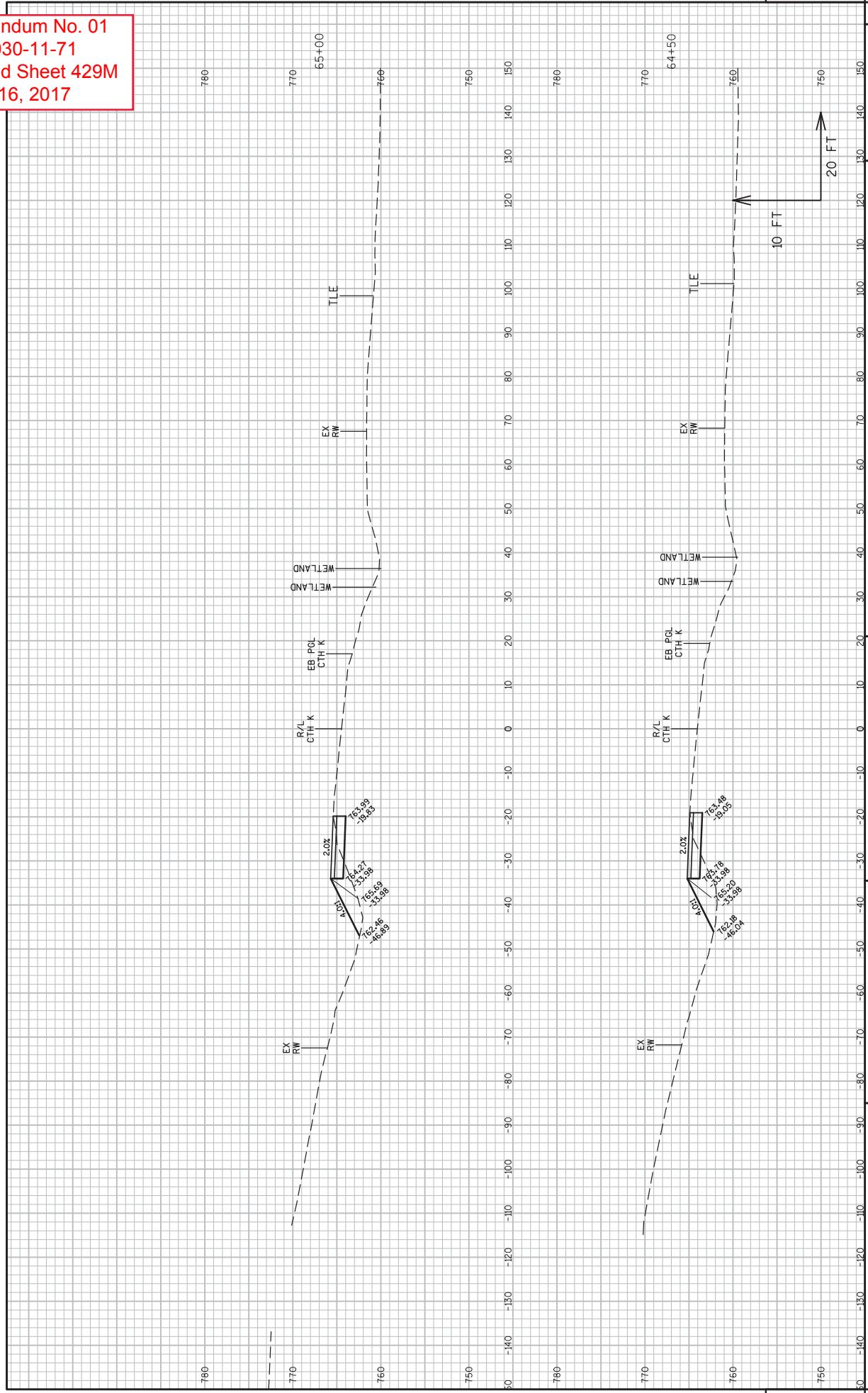
PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1B)
 SHEET 429K
 E
 9
 9
 10 FT
 20 FT
 PLOT DATE : 5/4/2017 2:46 PM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49
 FILE NAME : N:\VPOS\C3D\10301100\SHEETS\PLAN\1030-11-71\090206-XS.DWG
 LAYOUT NAME - XS_K16

Addendum No. 01
 ID 1030-11-71
 Added Sheet 429L
 May 16, 2017

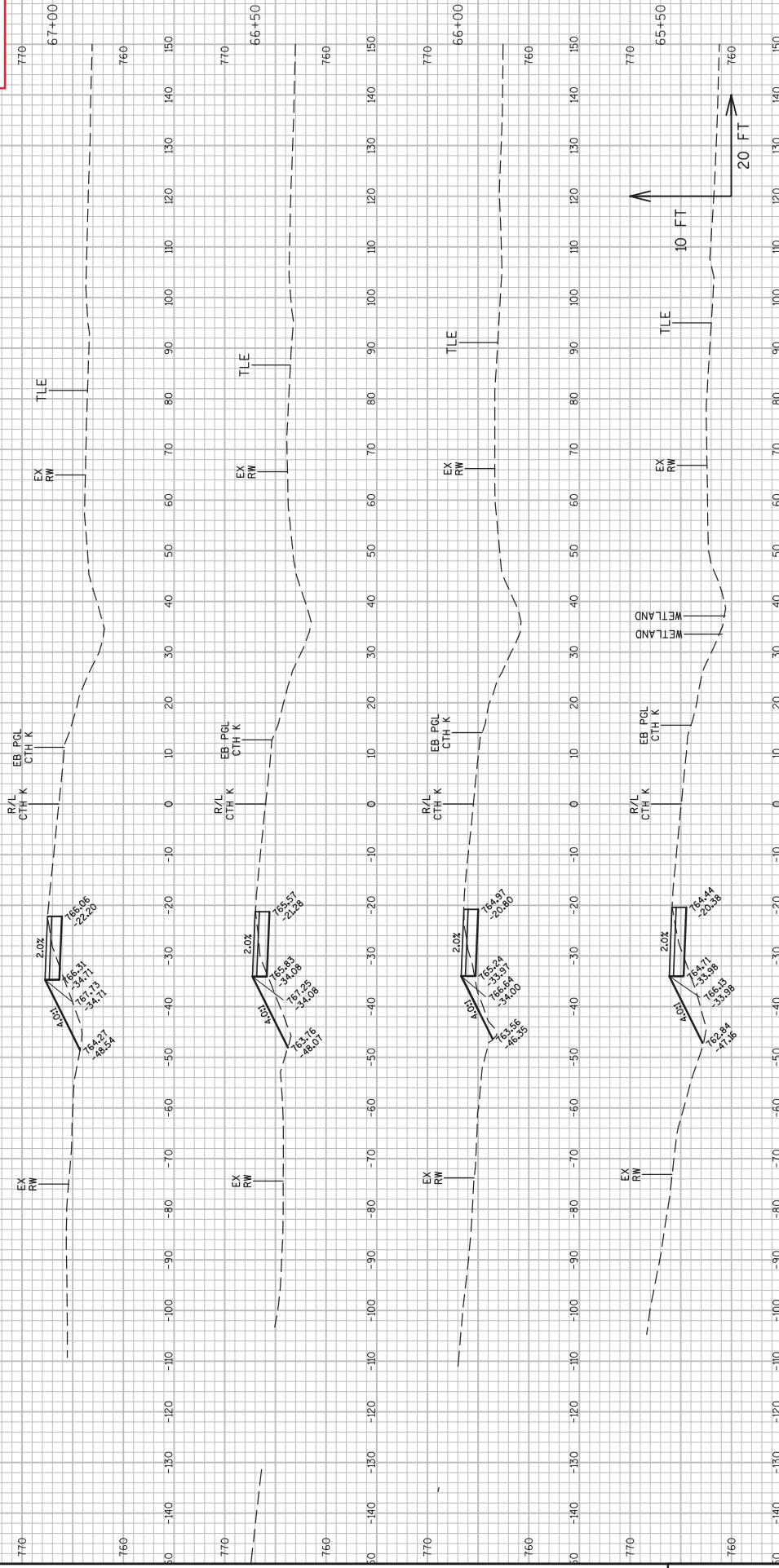


PROJECT NO: 1030-11-71	CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1B)	SHEET 429L	E
HWY: IH 94/CTH K	COUNTY: RACINE	9	9
FILE NAME : N:\VPOS\C3D\10301100\SHEETS\PLAN\1030-11-71\090206-X5.DWG	PLLOT BY : JOHANSEN, AMANDA A	PLLOT SCALE : 1 IN=20 FT	WSDOT/CADD SHEET 49
LAYOUT NAME - X5 KIT	PLLOT DATE : 5/4/2017 2:48 PM	PLLOT NAME :	

Addendum No. 01
ID 1030-11-71
Added Sheet 429M
May 16, 2017



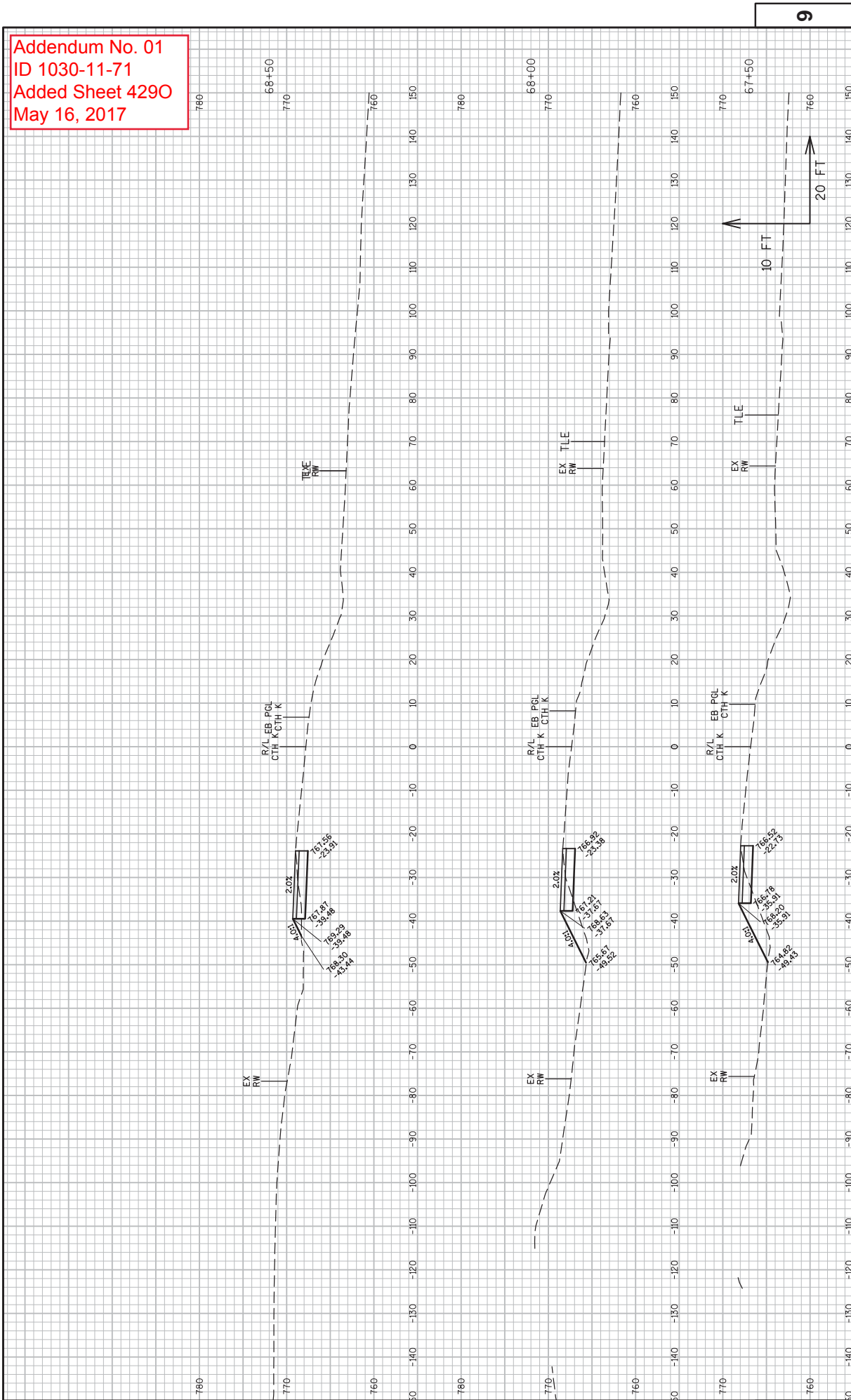
Addendum No. 01
 ID 1030-11-71
 Added Sheet 429N
 May 16, 2017



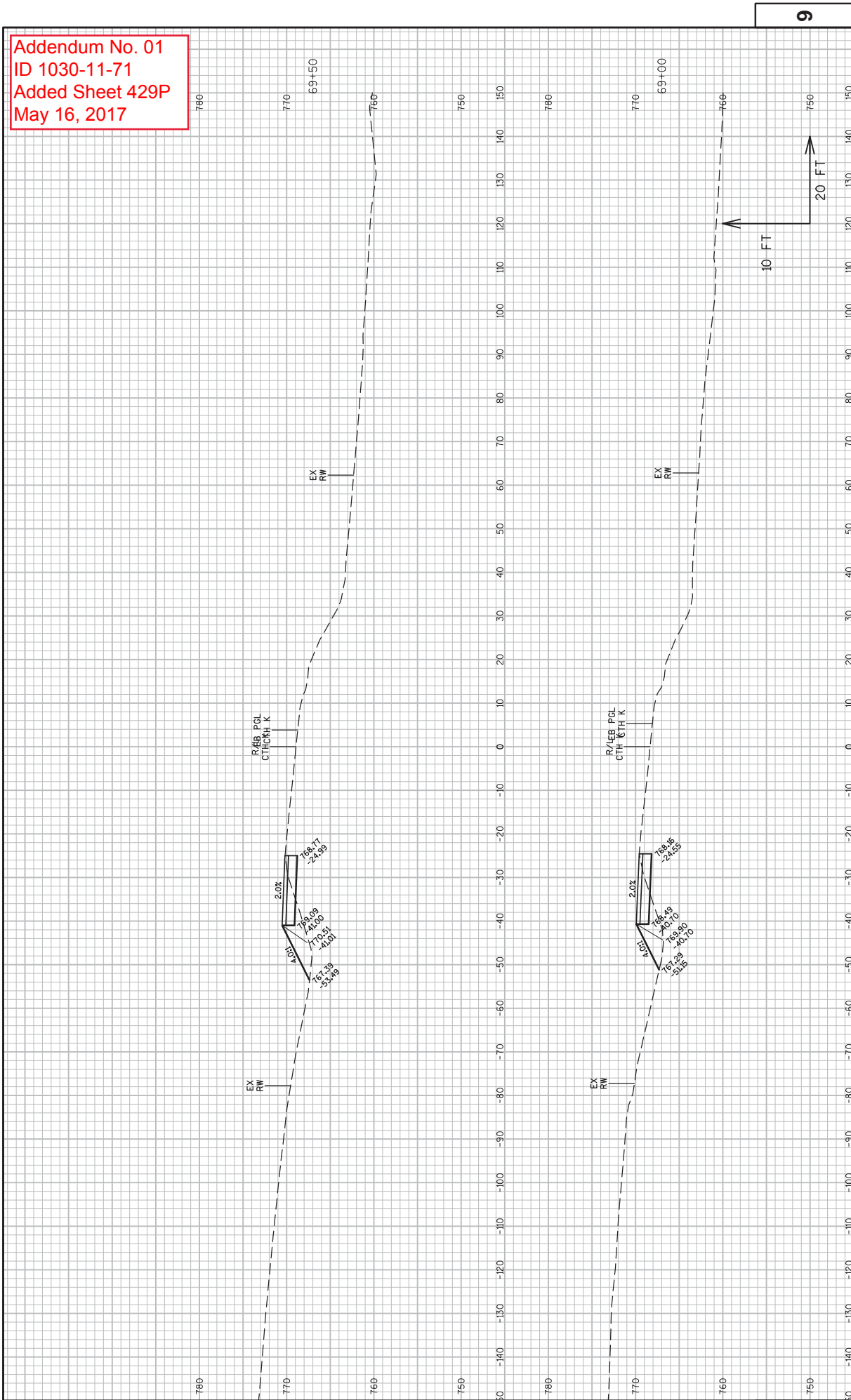
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Addendum No. 01
 ID 1030-11-71
 Added Sheet 4290
 May 16, 2017



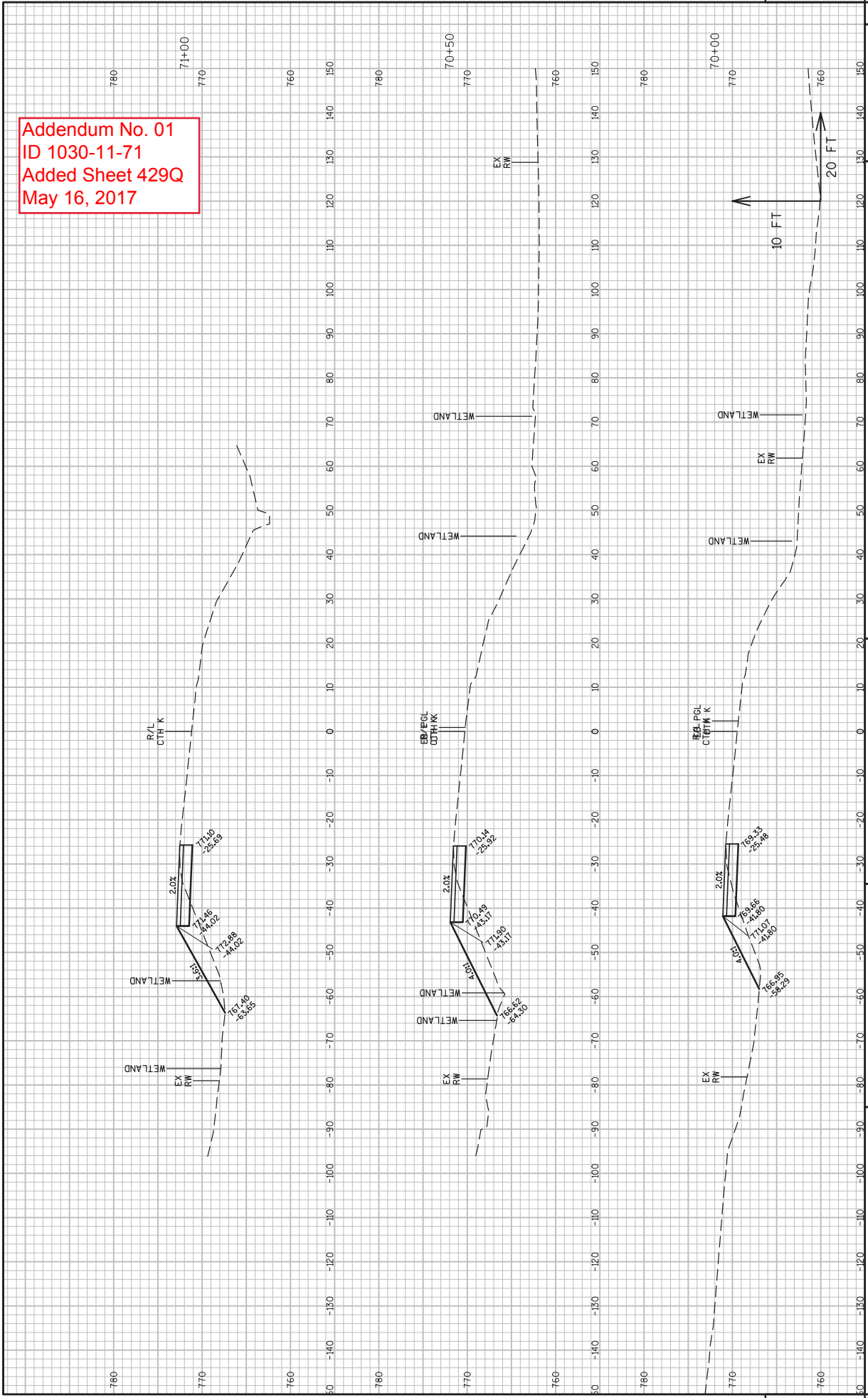
Addendum No. 01
 ID 1030-11-71
 Added Sheet 429P
 May 16, 2017



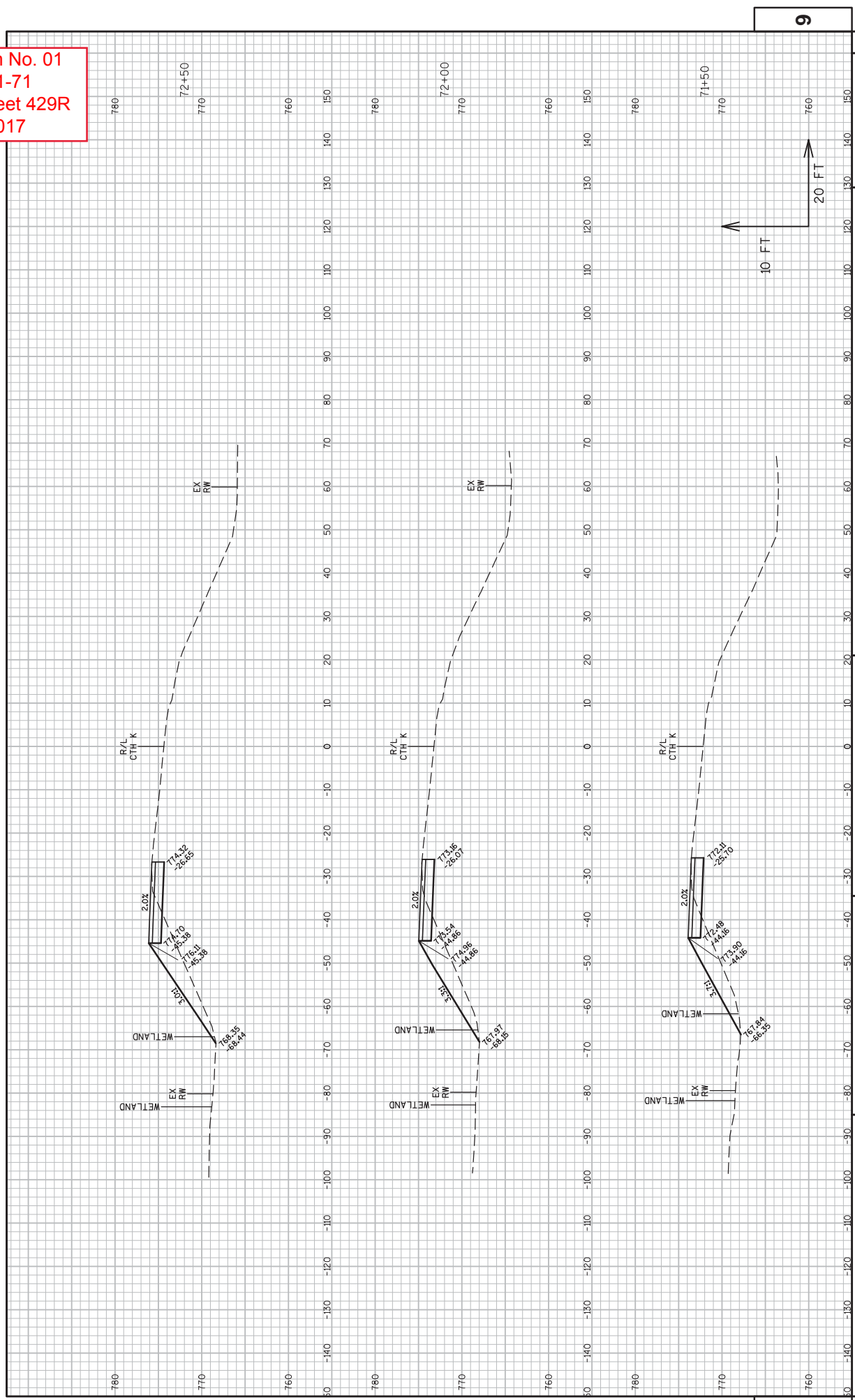
PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1B)
 SHEET 429P
 E

FILE NAME : N:\VPOS\330\10301100\SHEETS\PLAN\1030-11-71\090206-X5.DWG
 LAYOUT NAME - XS KT11
 PLOT DATE : 5/4/2017 2:52 PM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

Addendum No. 01
 ID 1030-11-71
 Added Sheet 429Q
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Added Sheet 429R
 May 16, 2017



9

10 FT 20 FT

CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1B)

COUNTY: RACINE

HWY: IH 94/CTH K

PROJECT NO: 1030-11-71

SHEET 429R

E

PLOT DATE : 5/4/2017 2:53 PM

PLOT BY : JOHANSEN, AMANDA A

PLOT NAME :

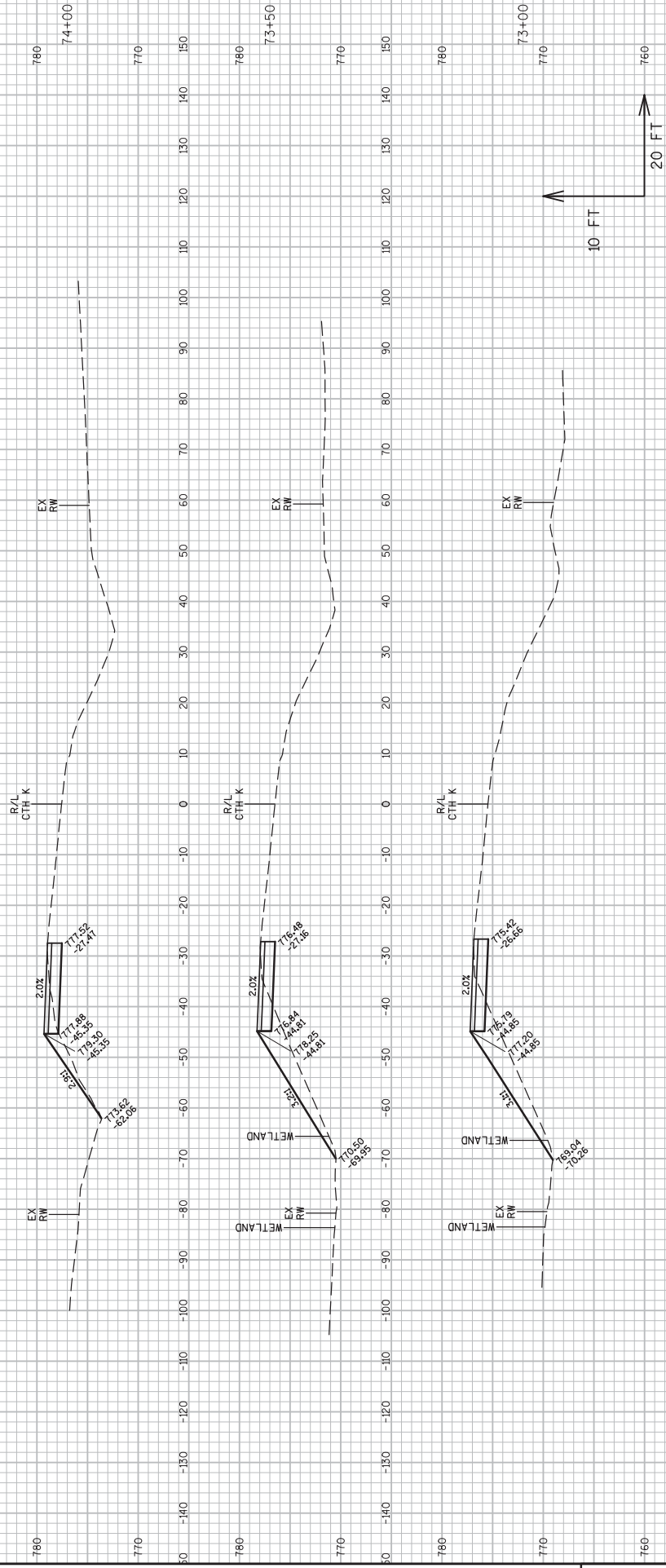
PLOT SCALE : 1 IN=20 FT

WSDOT/CADD SHEET 49

FILE NAME : N:\PDS\C3D\10301100\SHEETS\PLAN\1030-11-71\090206-XS.DWG

LAYOUT NAME - XS KT13

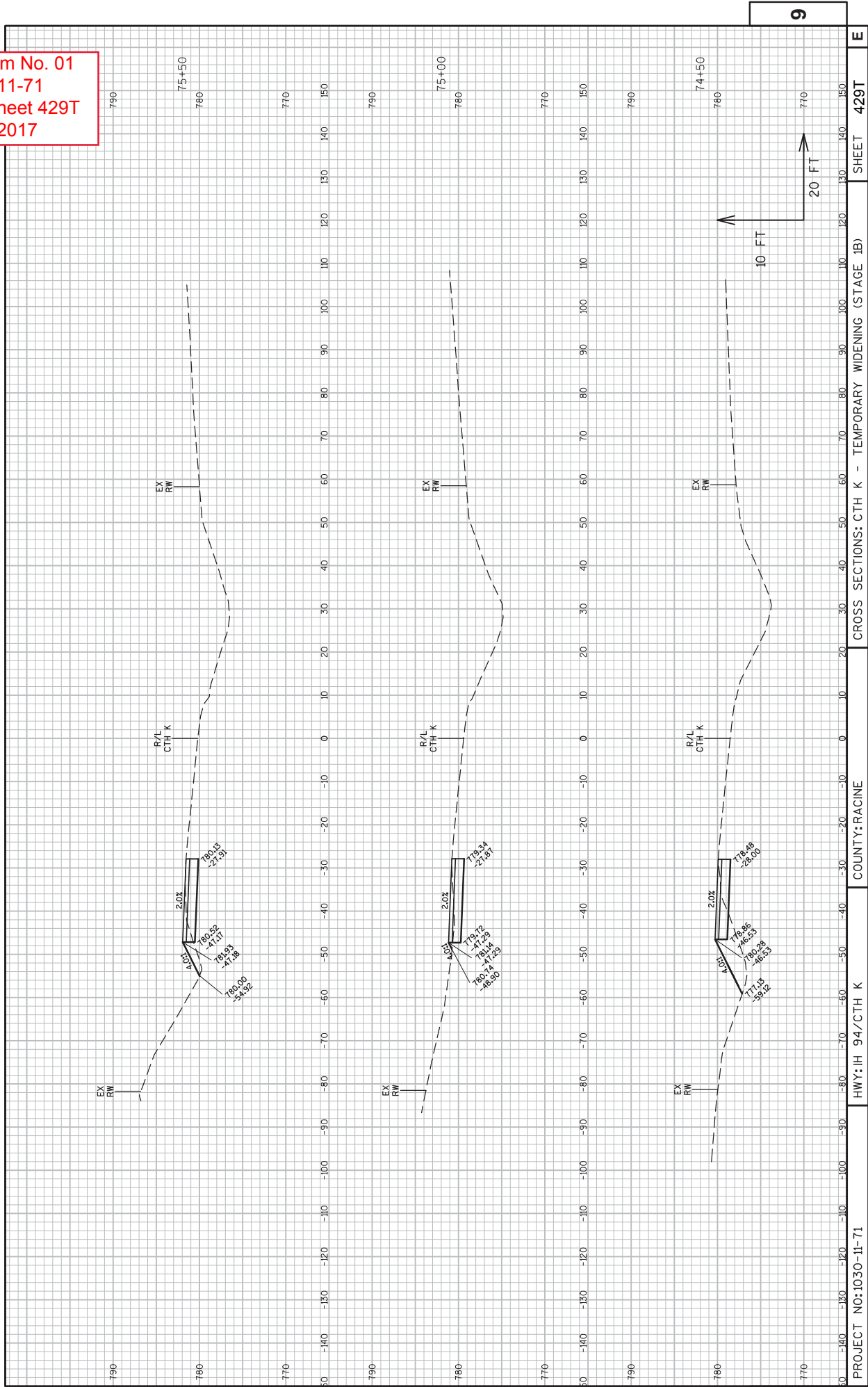
Addendum No. 01
 ID 1030-11-71
 Added Sheet 429S
 May 16, 2017



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Addendum No. 01
 ID 1030-11-71
 Added Sheet 429T
 May 16, 2017

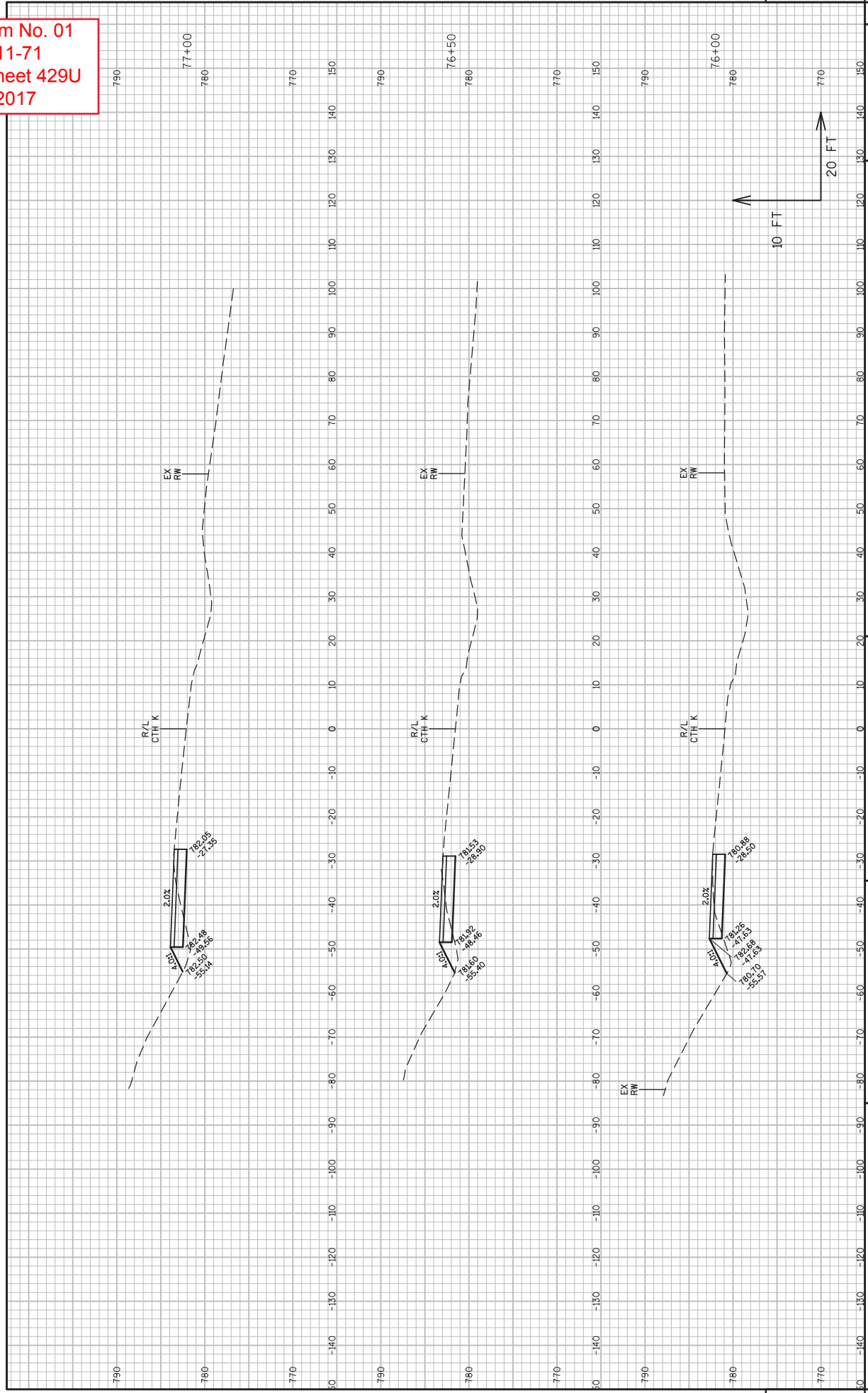


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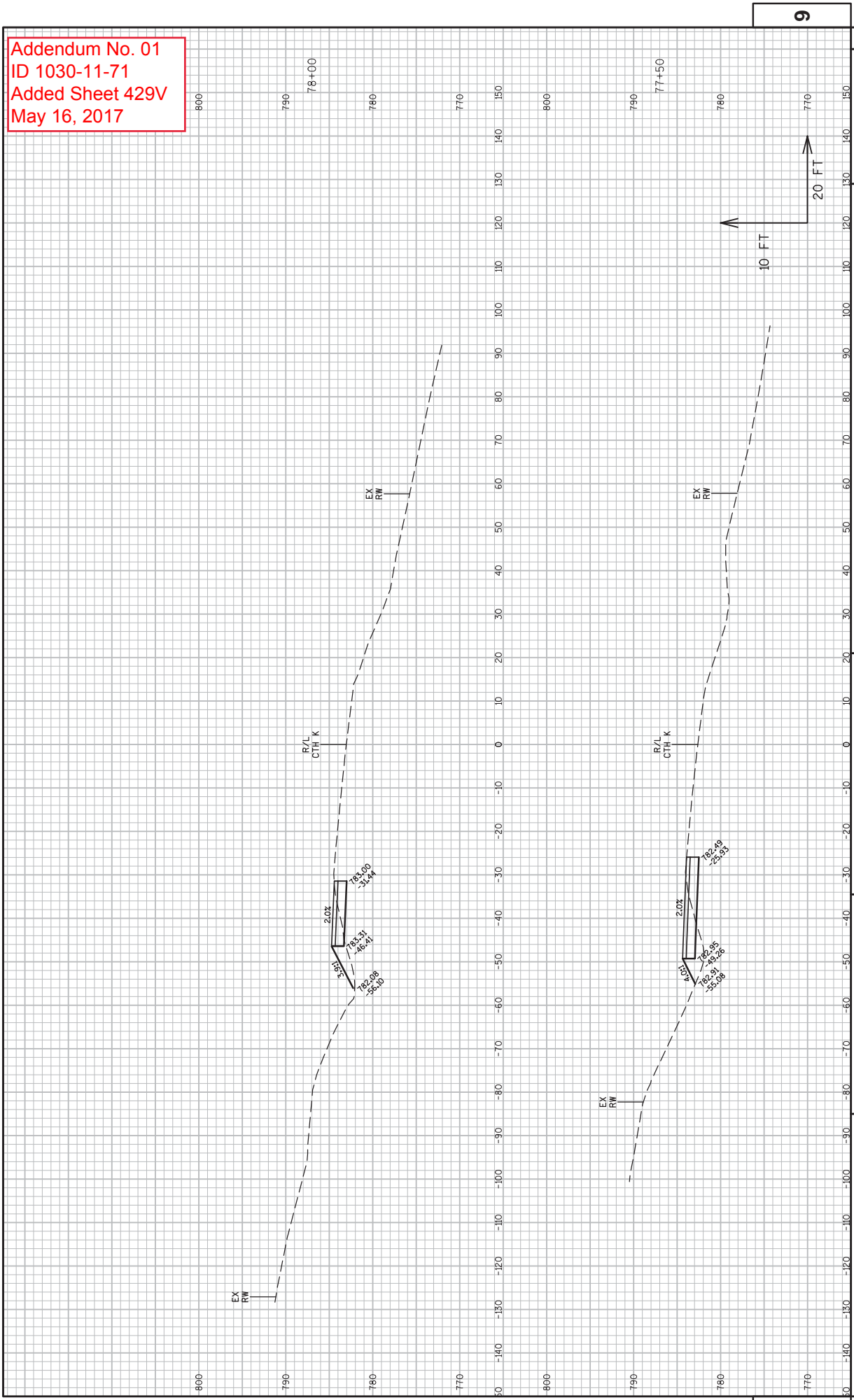
PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1B)
 SHEET 429T
 E
 FILE NAME : N:\VPOS\C3D\10301100\SHEETS\PLAN\1030-11-71\090206-XS.DWG
 PLOT DATE : 5/4/2017 2:54 PM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 PLOT SCALE : 1 IN=20 FT
 WSDOT/CADD SHEET 49

Addendum No. 01
 ID 1030-11-71
 Added Sheet 429U
 May 16, 2017



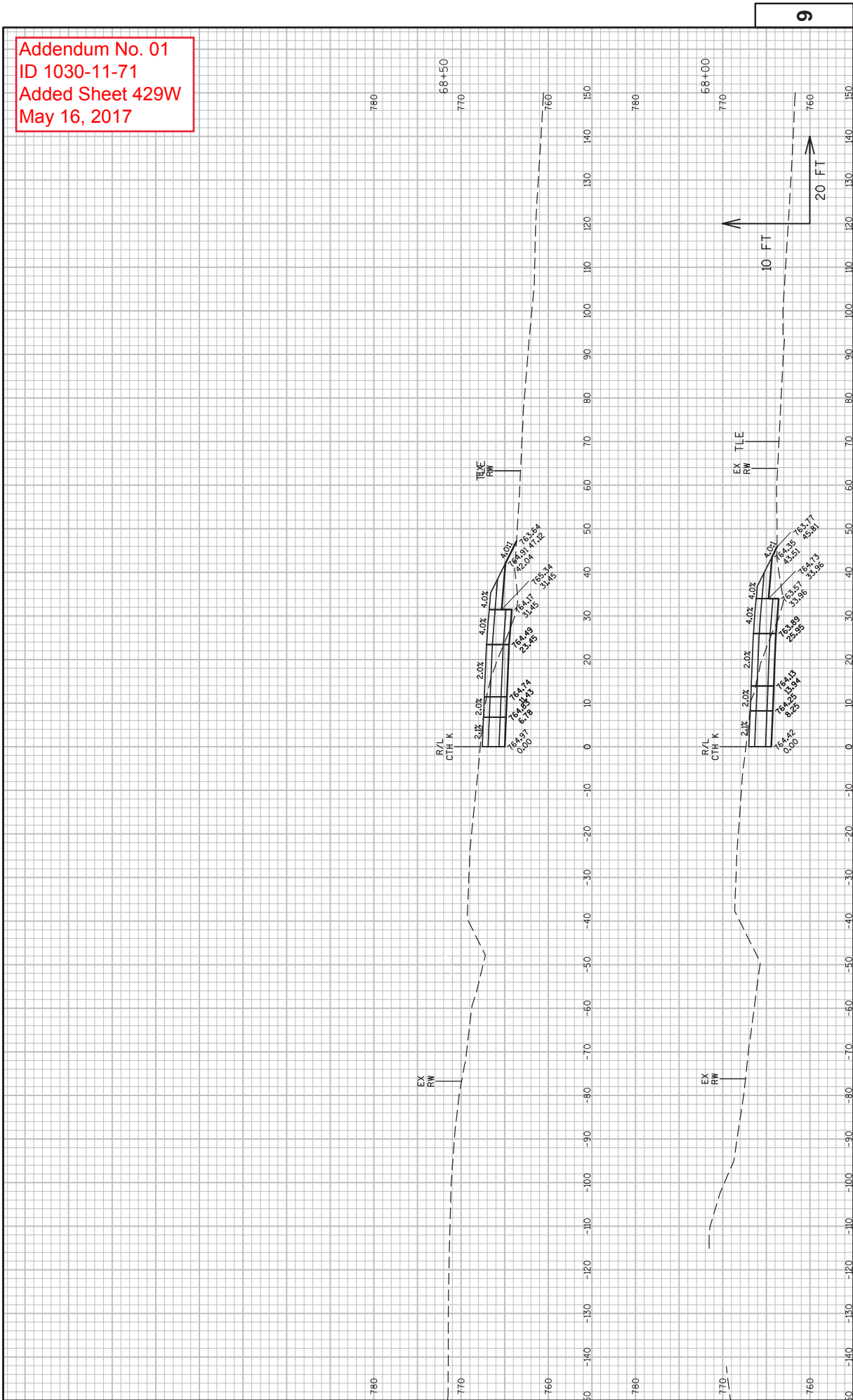
PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1B)
 SHEET 429U
 E
 9
 9
 10 FT
 20 FT
 PLOT DATE : 5/4/2017 2:57 PM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 FILE NAME : N:\VPOS\C3D\10301100\SHEETS\PLAN\1030-11-71\090206-X5.DWG
 LAYOUT NAME - XS KT16
 WSDOT/CADD SHEET 49

Addendum No. 01
 ID 1030-11-71
 Added Sheet 429V
 May 16, 2017



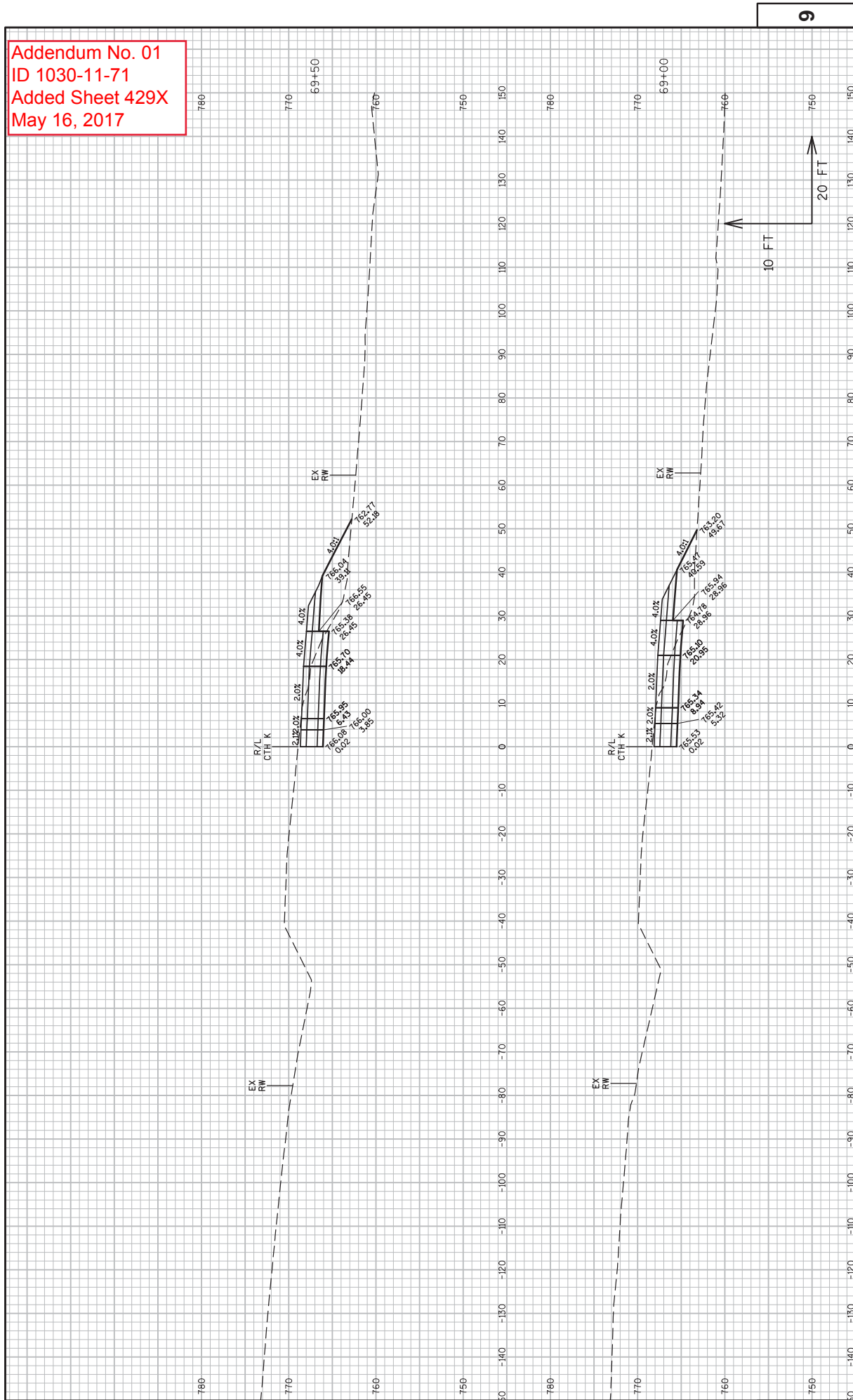
PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1B)
 SHEET 429V
 E
 PLOT DATE : 5/4/2017 2:58 PM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49
 FILE NAME : N:\VPOS\C3D\10301100\SHEETS\PLAN\1030-11-71\090206-X5.DWG
 LAYOUT NAME - XS_KT17

Addendum No. 01
 ID 1030-11-71
 Added Sheet 429W
 May 16, 2017



PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1D)
 SHEET 429W
 E
 PLOT DATE : 5/10/2017 9:45 AM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 PLOT SCALE : 1 IN=20 FT
 WSDOT/CADD SHEET 49
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 LAYOUT NAME - XS.KTS

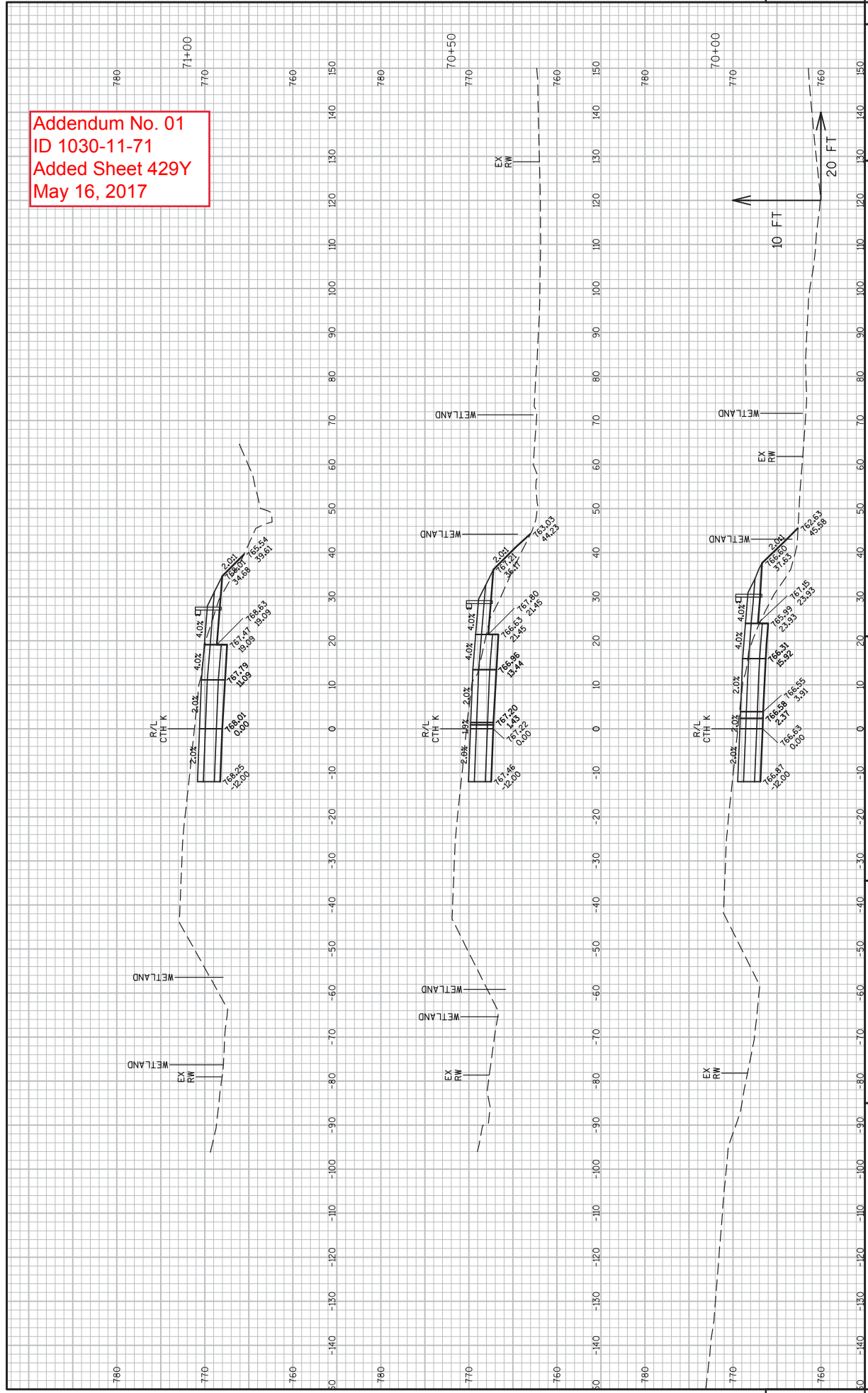
Addendum No. 01
 ID 1030-11-71
 Added Sheet 429X
 May 16, 2017



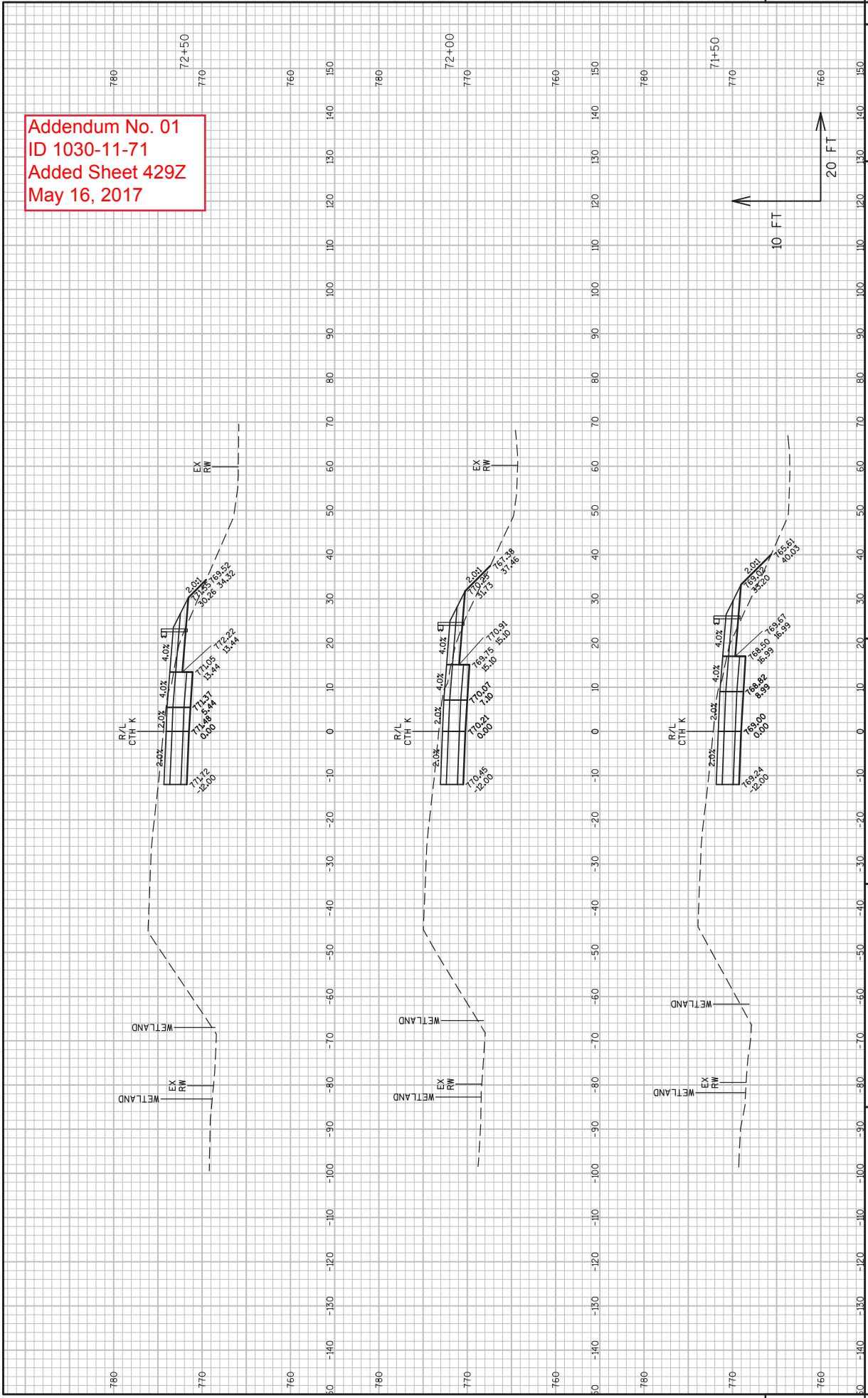
PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1D)
 SHEET 429X
 E

FILE NAME : N:\VPOS\330\10301100\SHEETS\PLAN\1030-11-71\090204-X5.DWG
 LAYOUT NAME - XS KT6
 PLOT DATE : 5/10/2017 9:47 AM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

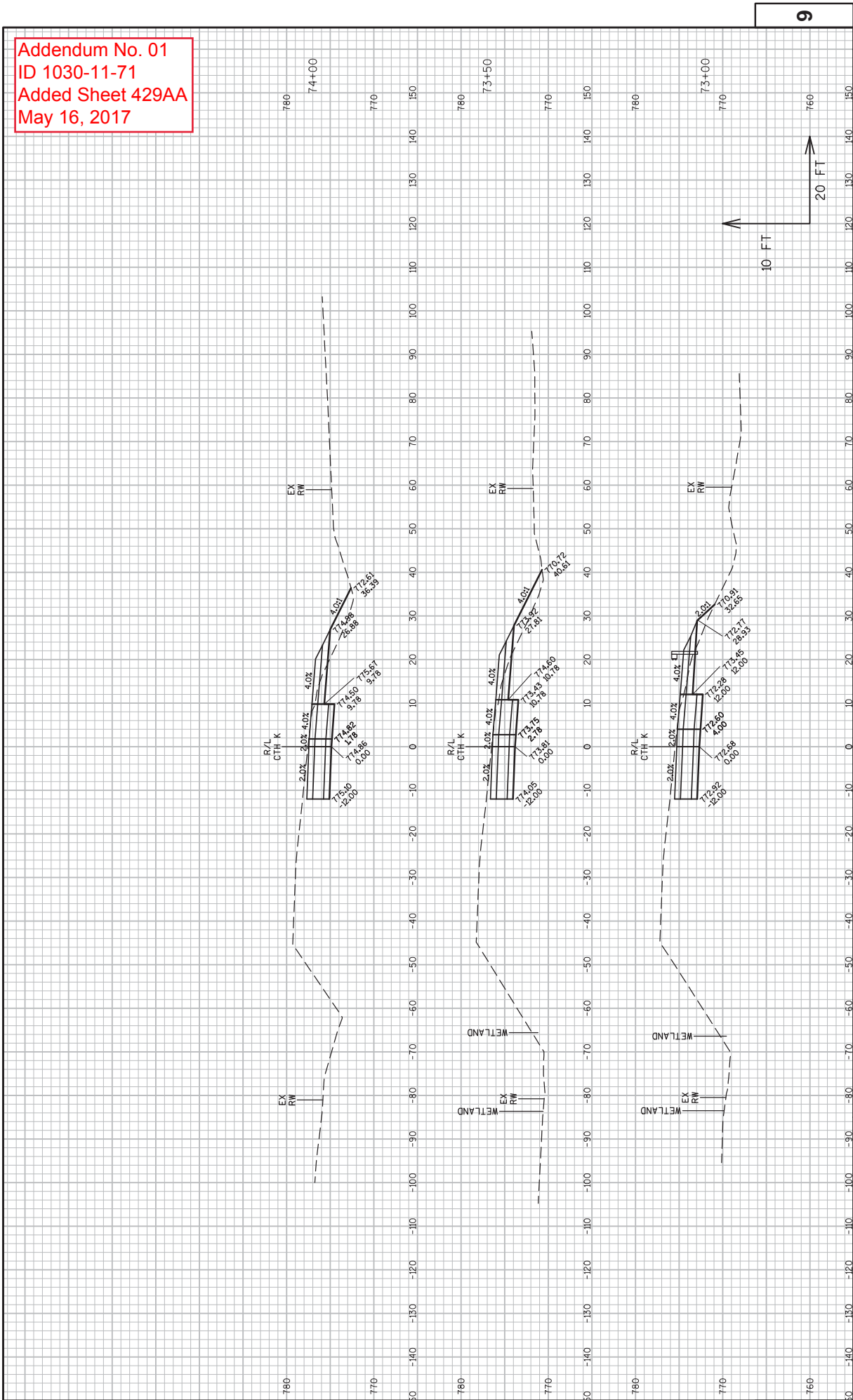
Addendum No. 01
 ID 1030-11-71
 Added Sheet 429Y
 May 16, 2017



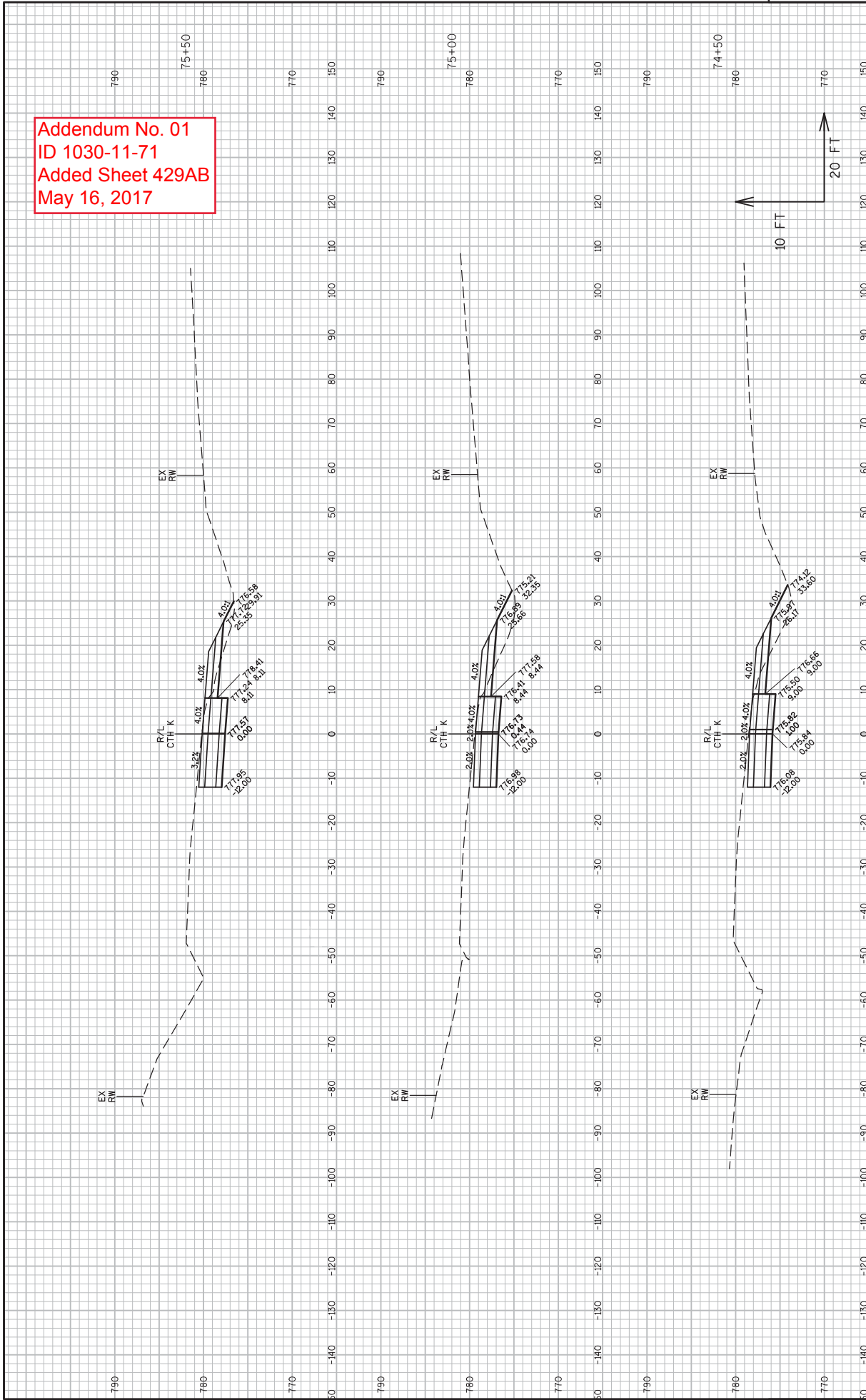
Addendum No. 01
 ID 1030-11-71
 Added Sheet 429Z
 May 16, 2017



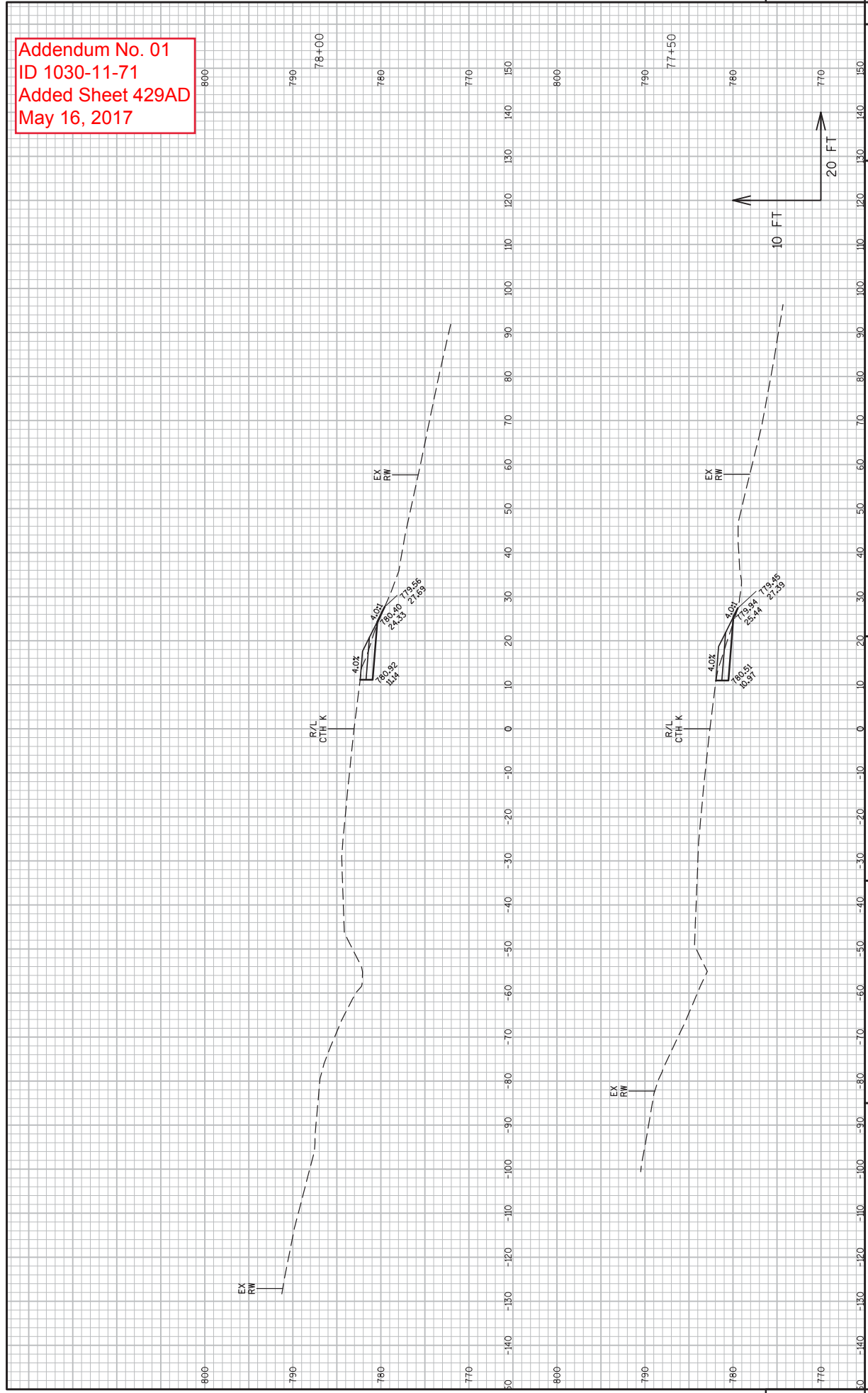
Addendum No. 01
ID 1030-11-71
Added Sheet 429AA
May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Added Sheet 429AB
 May 16, 2017

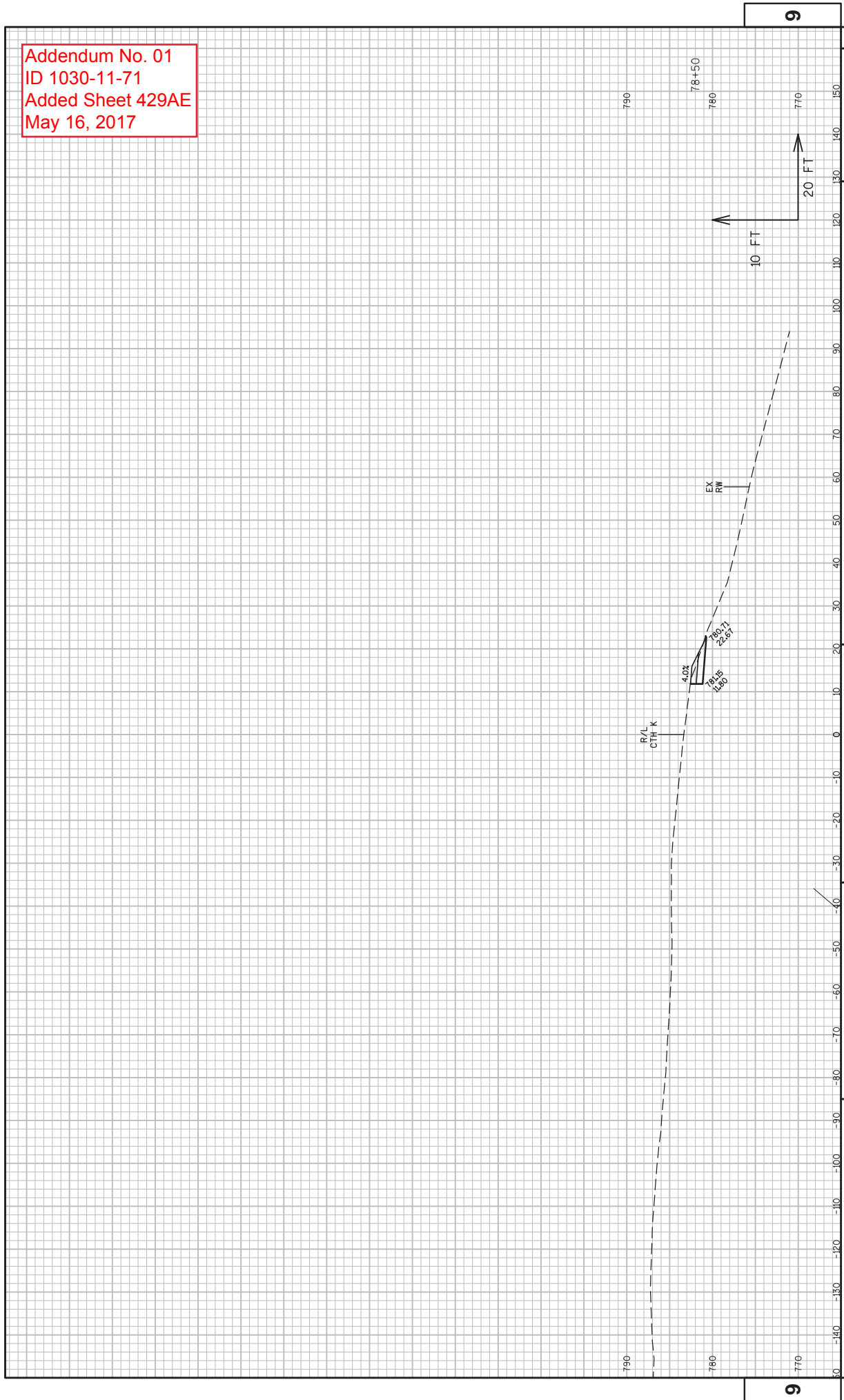


Addendum No. 01
 ID 1030-11-71
 Added Sheet 429AD
 May 16, 2017



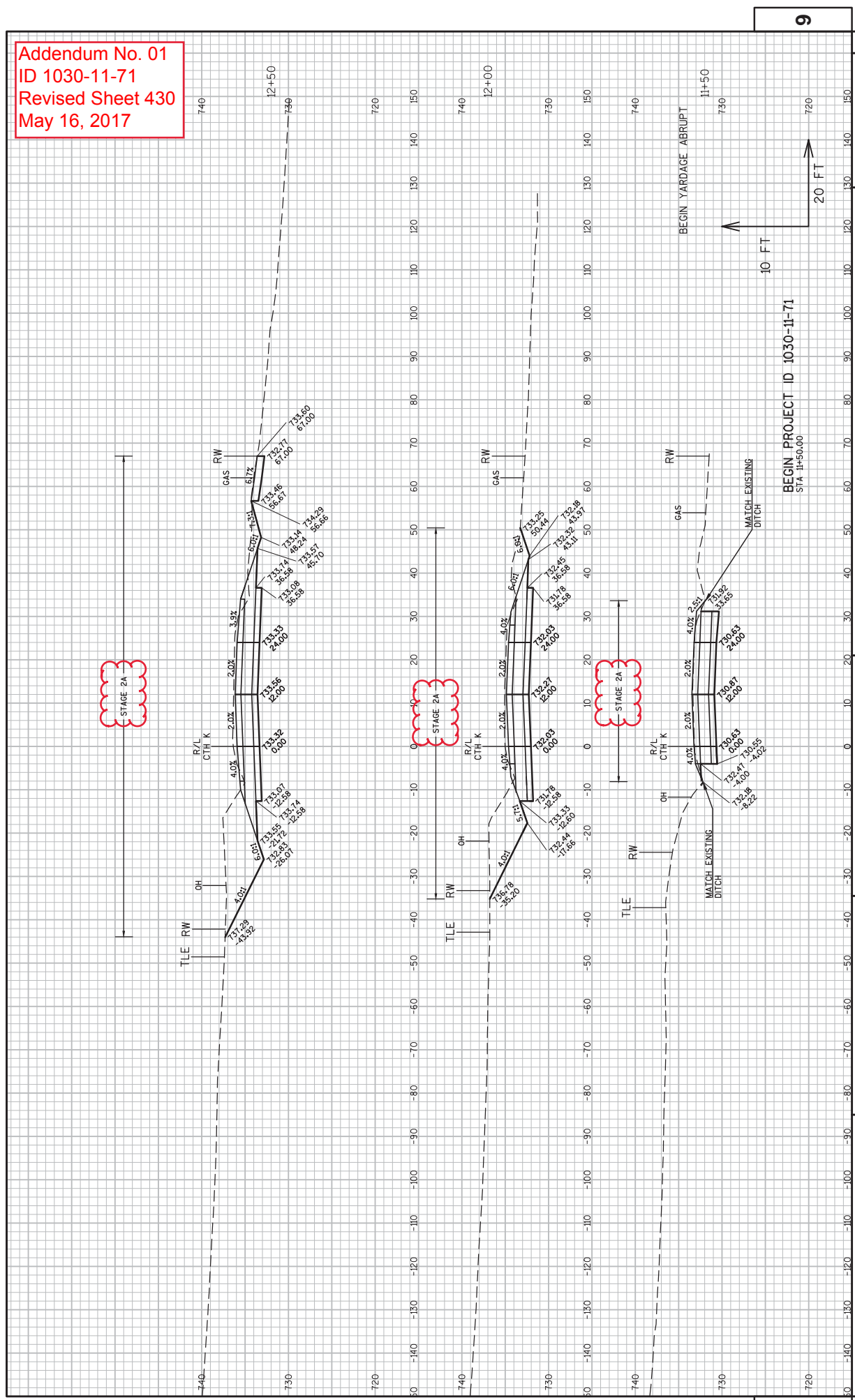
PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1D)
 SHEET 429AD E
 PLOT DATE: 5/10/2017 10:17 AM
 PLOT BY: JOHANSEN, AMANDA A
 PLOT NAME: WSDOT/CADD SHEET 49
 FILE NAME: N:\VPOS\C3D\10301100\SHEETS\PLAN\1030-11-71\090204-X5.DWG
 LAYOUT NAME: - XS KT12

Addendum No. 01
ID 1030-11-71
Added Sheet 429AE
May 16, 2017



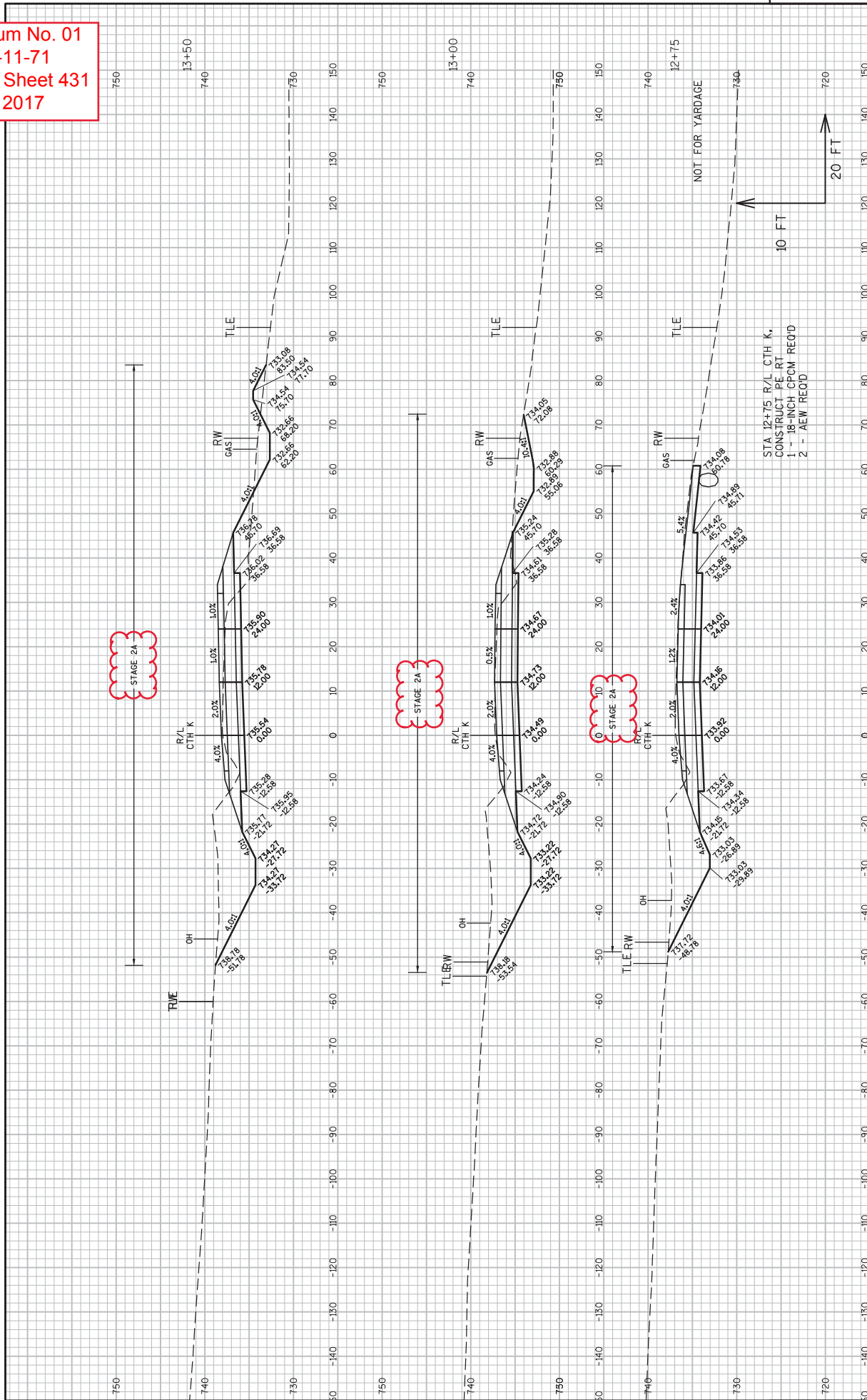
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PROJECT NO: 1030-11-71
HWY: IH 94/CTH K
COUNTY: RACINE
CROSS SECTIONS: CTH K - TEMPORARY WIDENING (STAGE 1D)
SHEET 429AE
E
PLOT DATE : 5/10/2017 10:19 AM
PLOT BY : JOHANSEN, AMANDA A
PLOT NAME :
PLOT SCALE : 1 IN=20 FT
WSDOT/CADD SHEET 49
FILE NAME : N:\VPOS\330\10301100\SHEETS\PLAN\1030-11-71\090204-X5.DWG
LAYOUT NAME - XS KT13

Addendum No. 01
 ID 1030-11-71
 Revised Sheet 430
 May 16, 2017

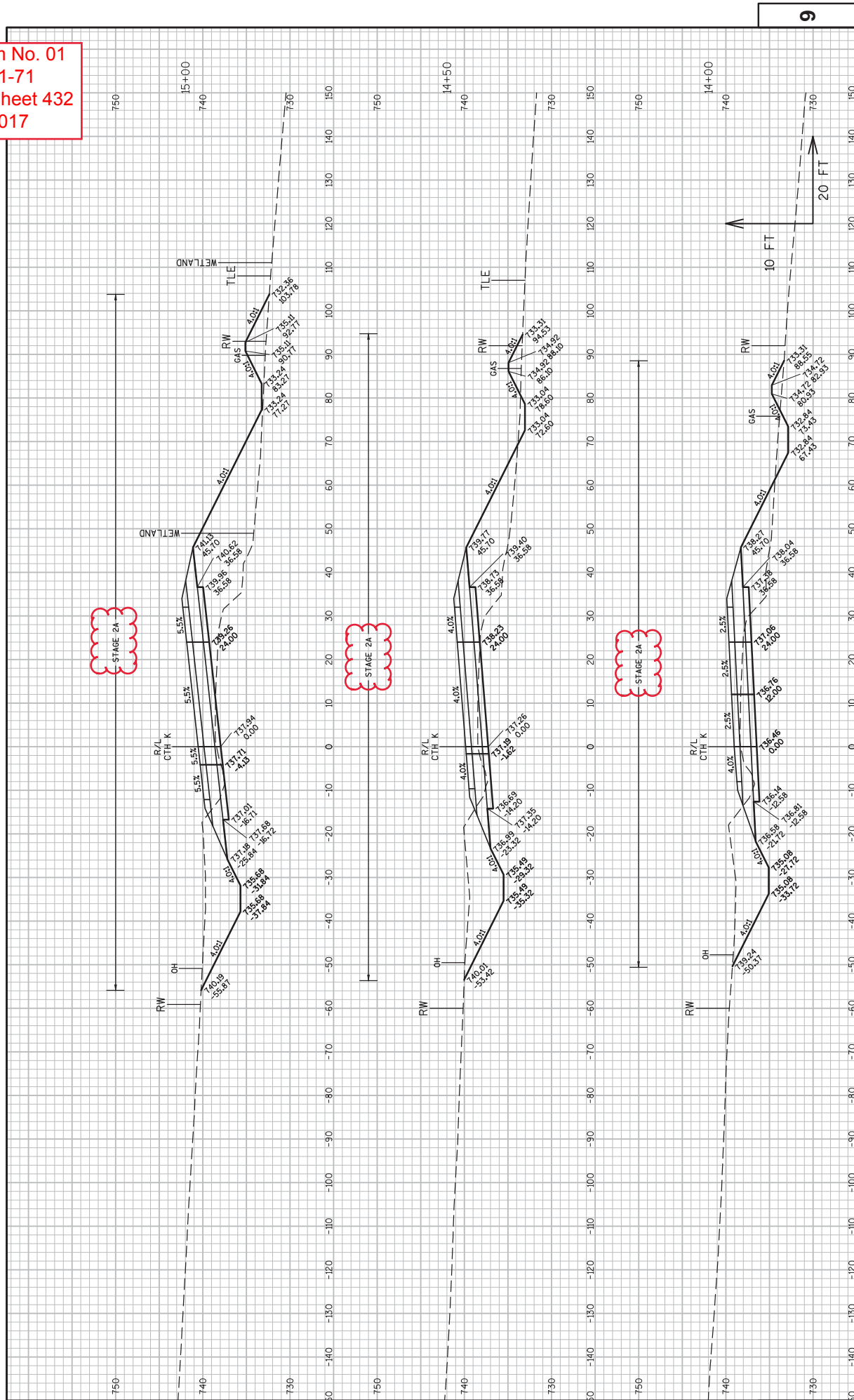


BEGIN PROJECT ID 1030-11-71
 STA 11+50.00

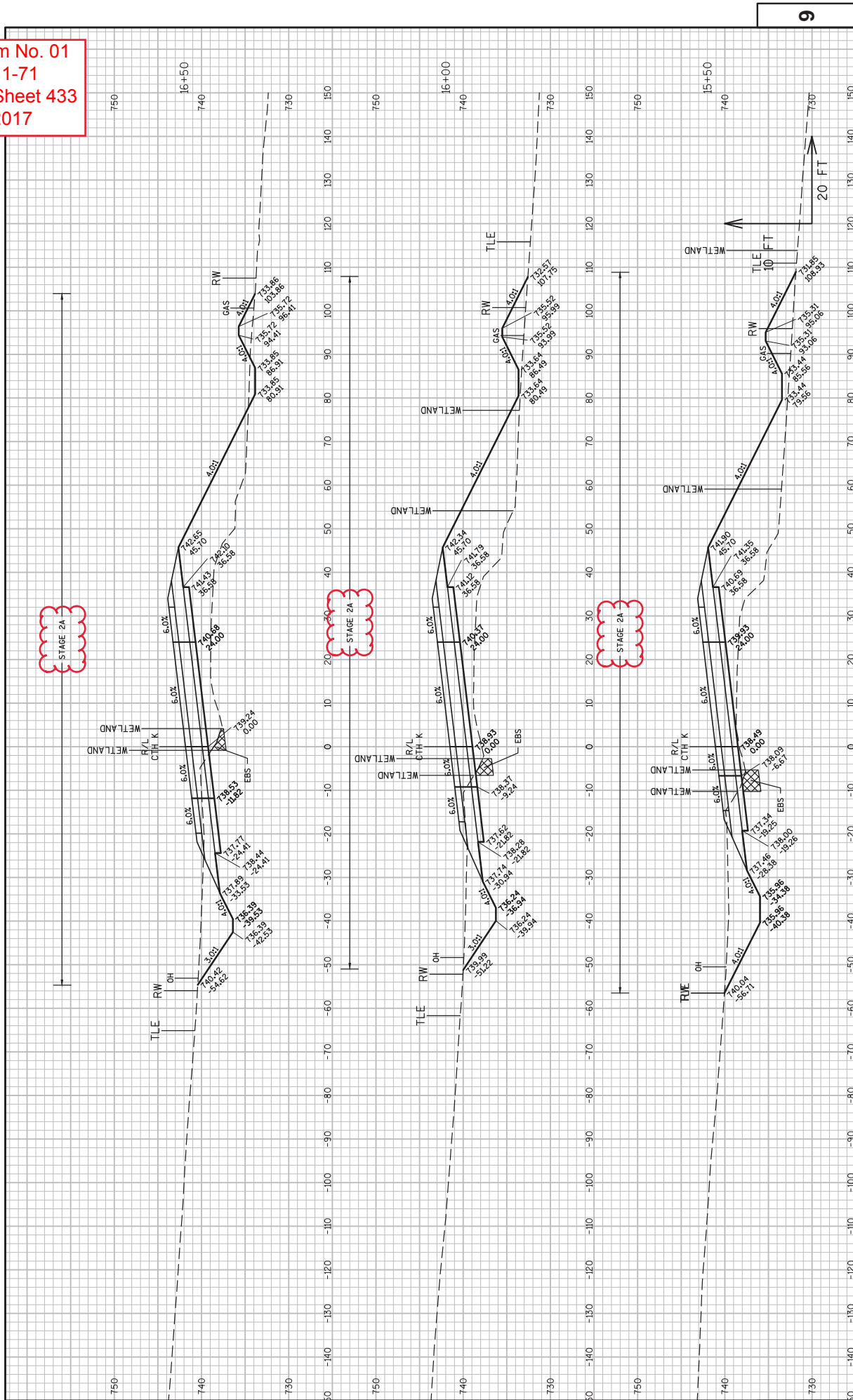
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 431
 May 16, 2017



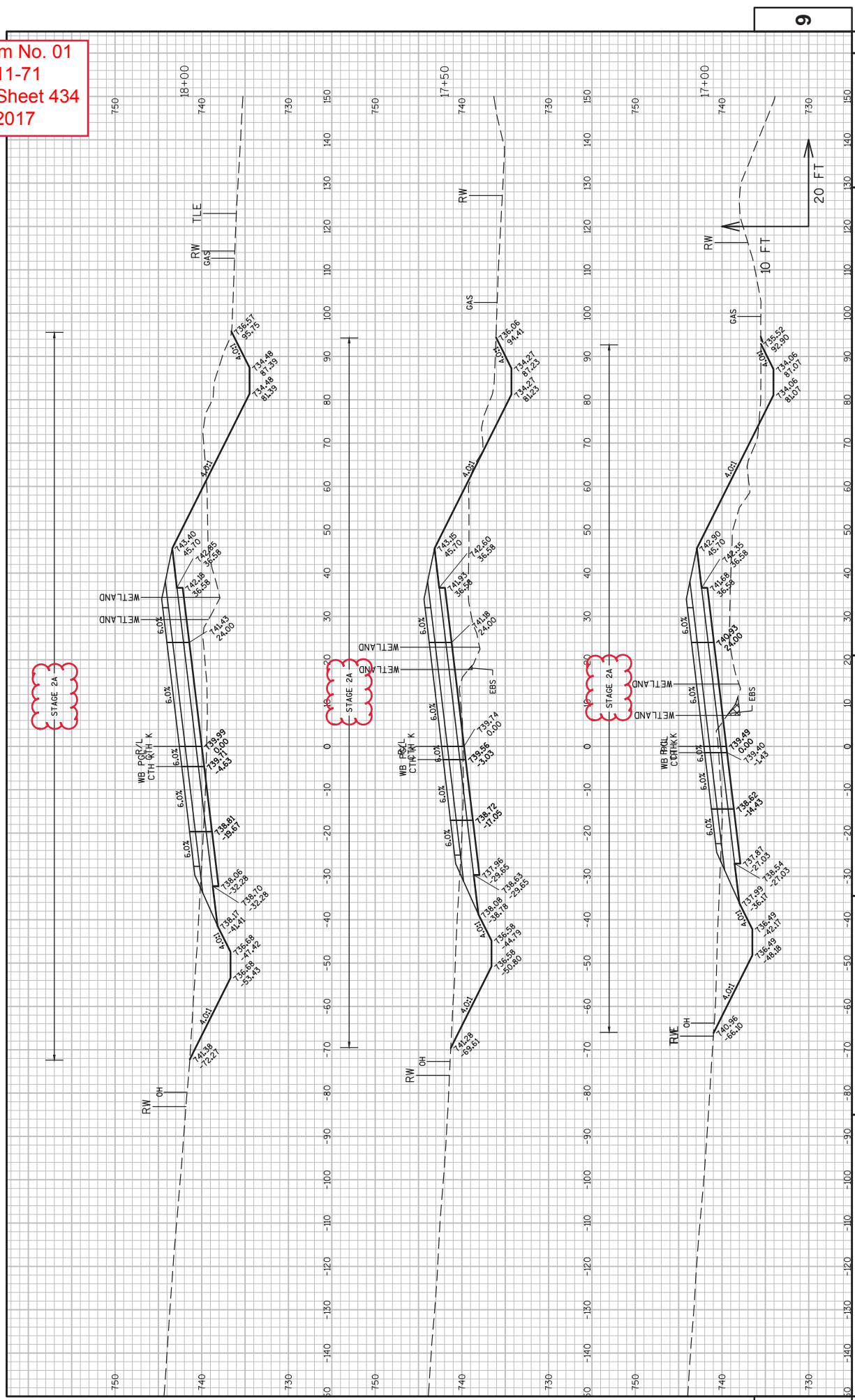
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 432
 May 16, 2017



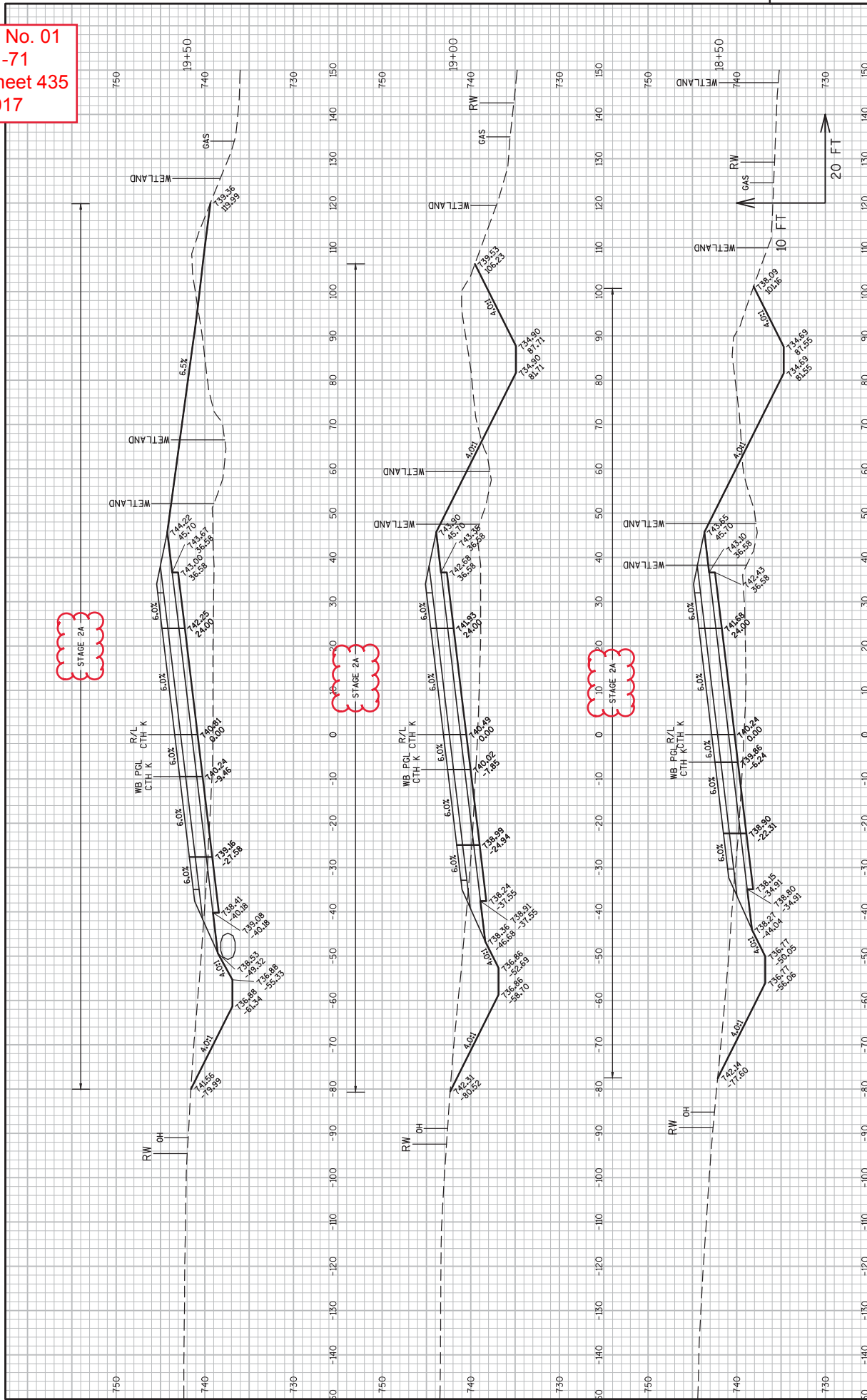
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 433
 May 16, 2017



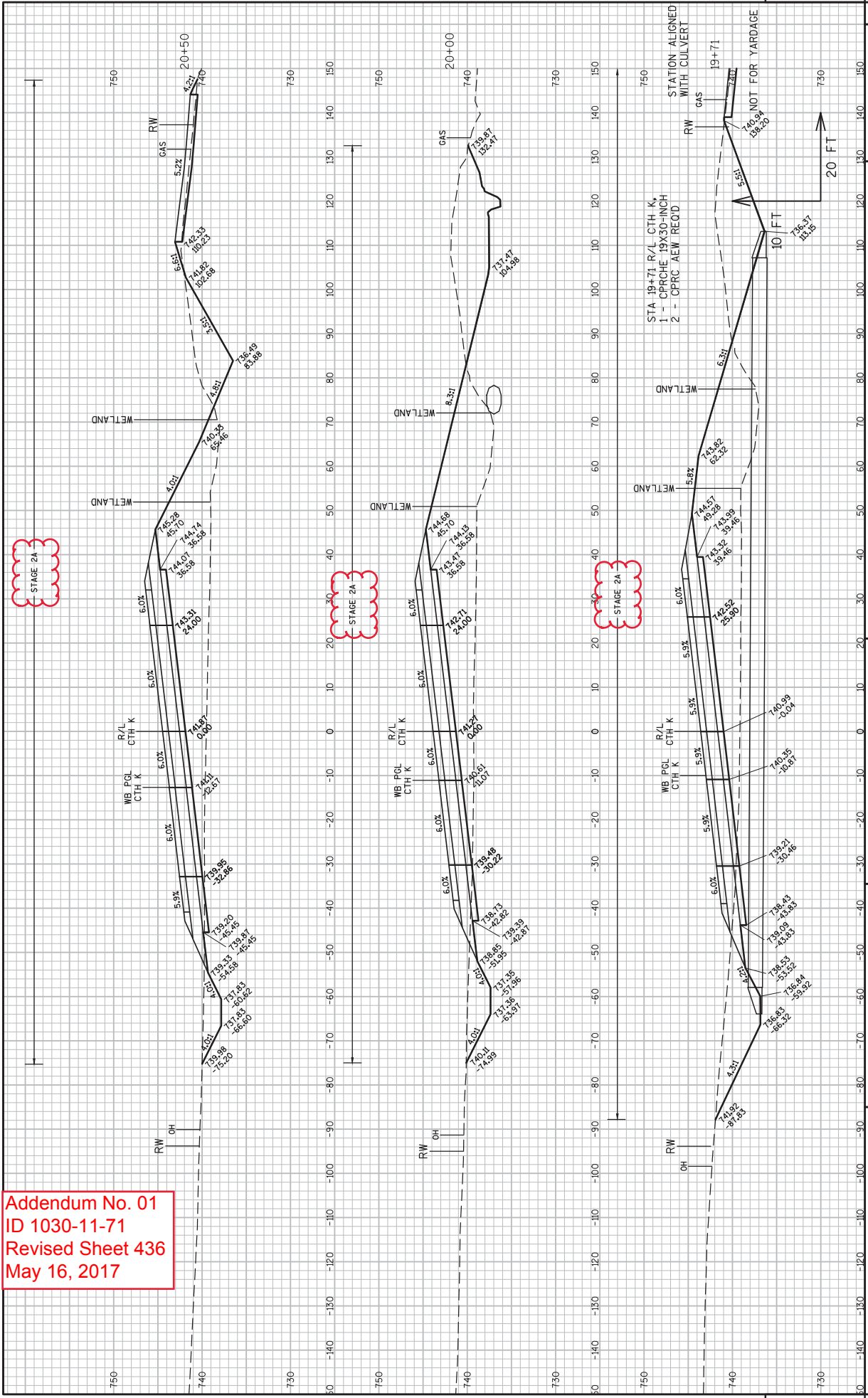
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 434
 May 16, 2017



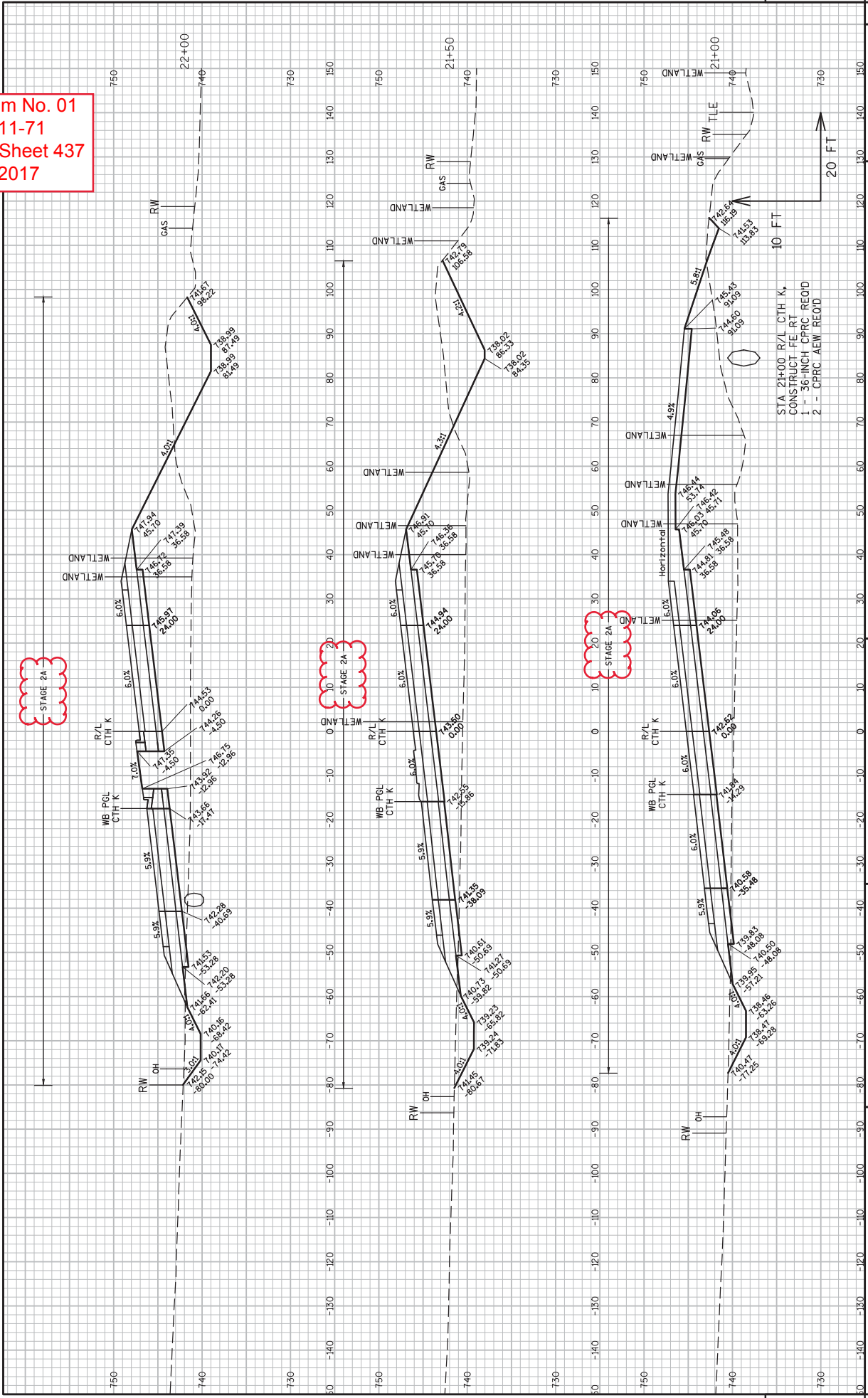
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 435
 May 16, 2017



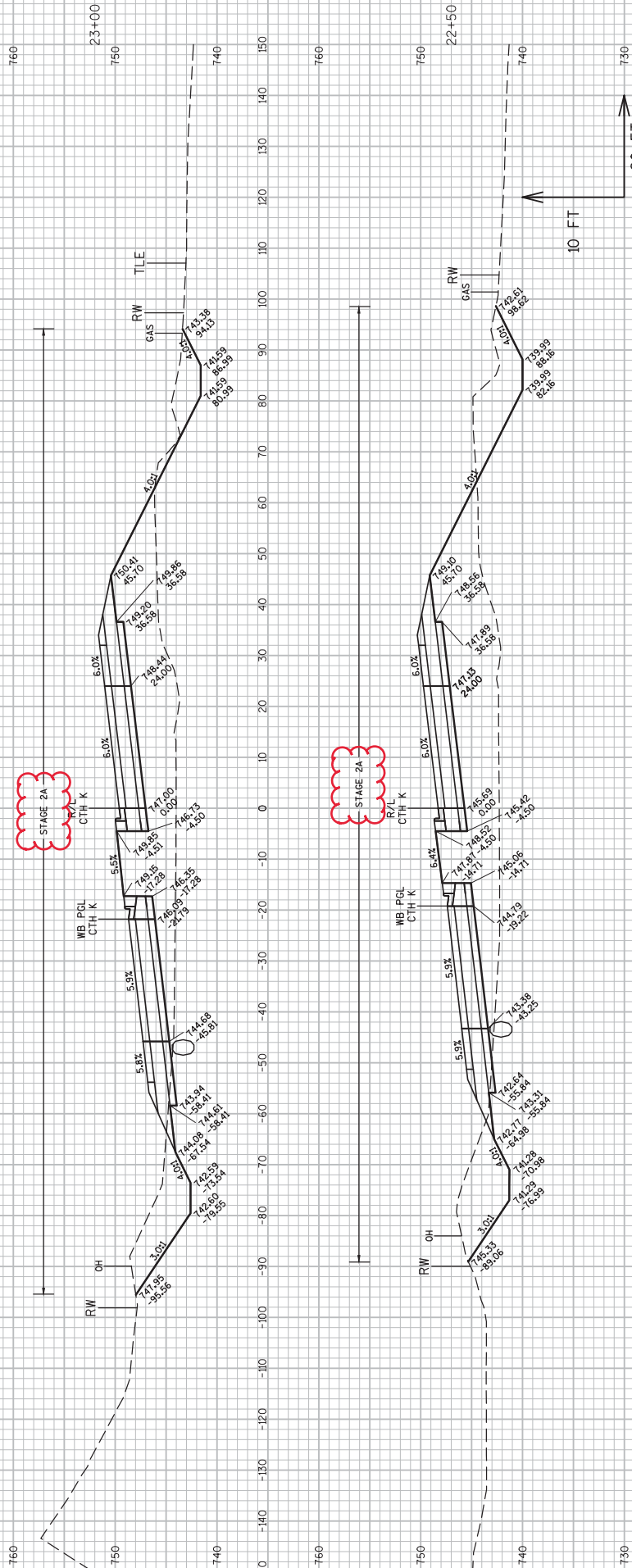
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 436
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Revised Sheet 437
 May 16, 2017



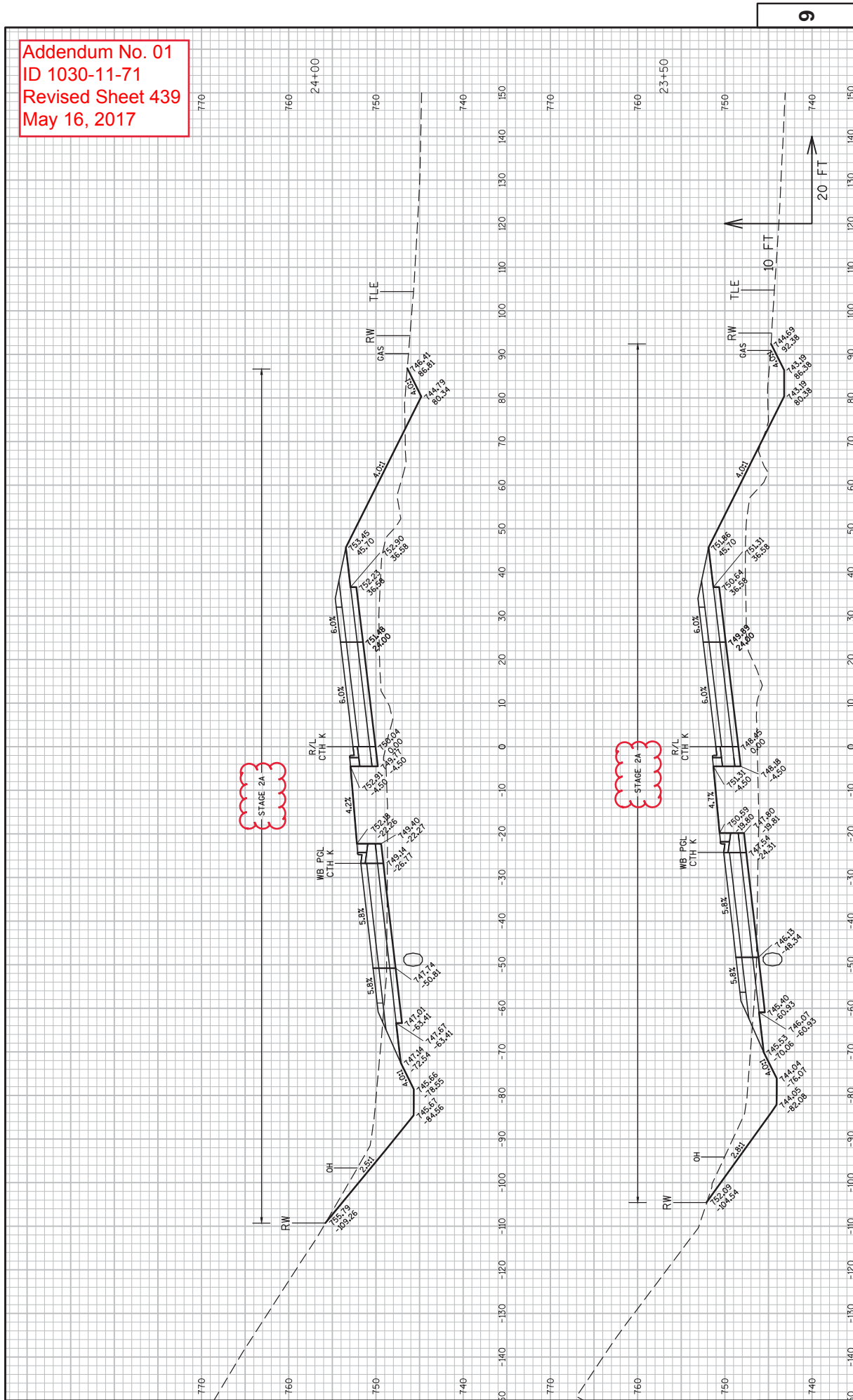
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 438
 May 16, 2017



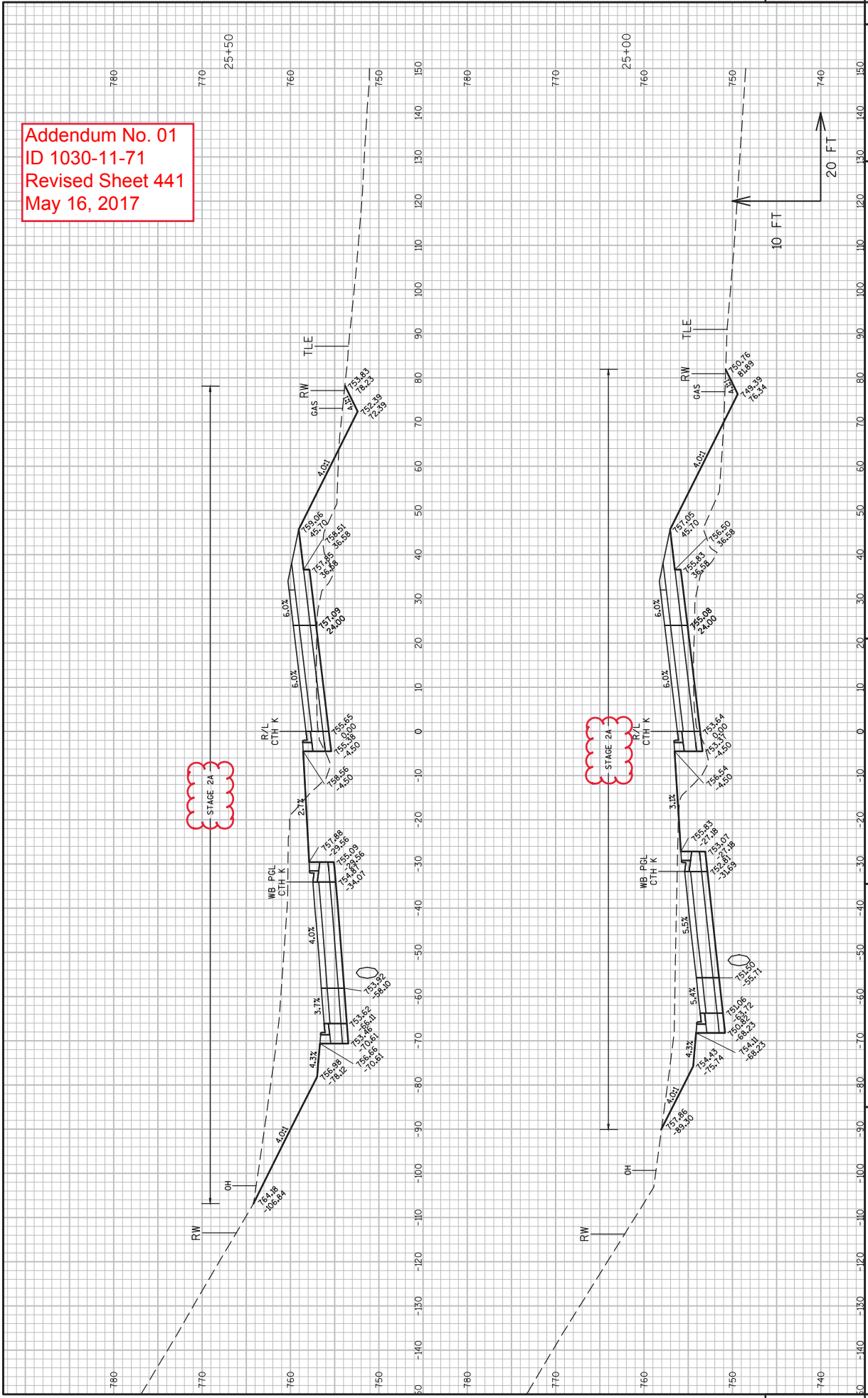
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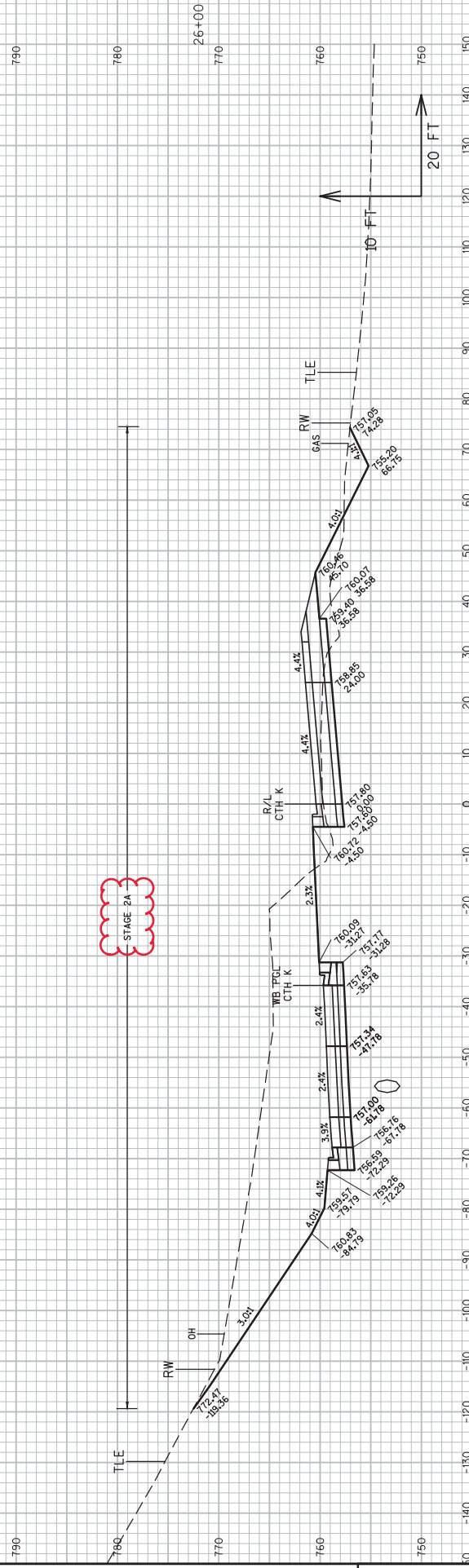
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 439
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Revised Sheet 441
 May 16, 2017



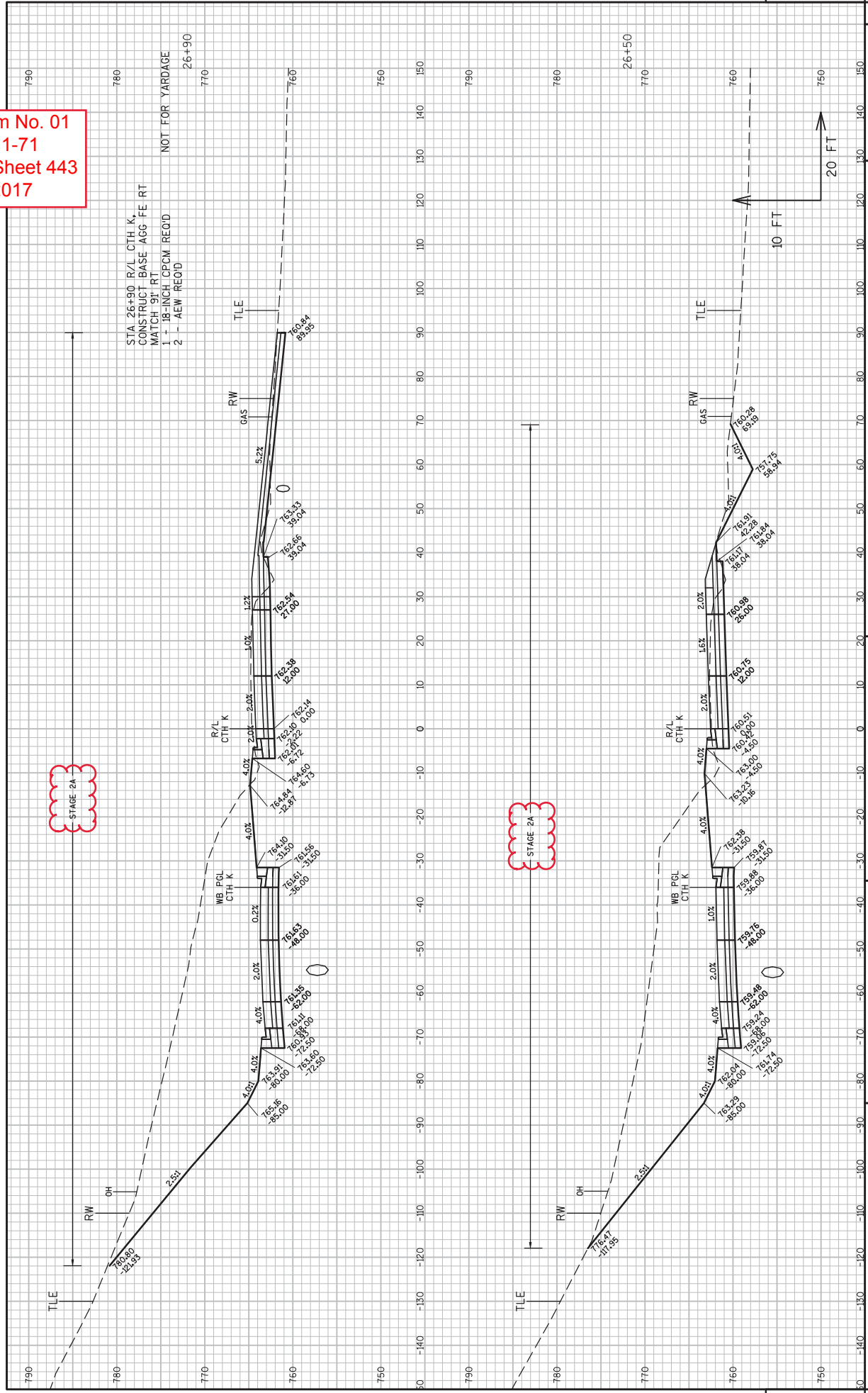
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 442
 May 16, 2017



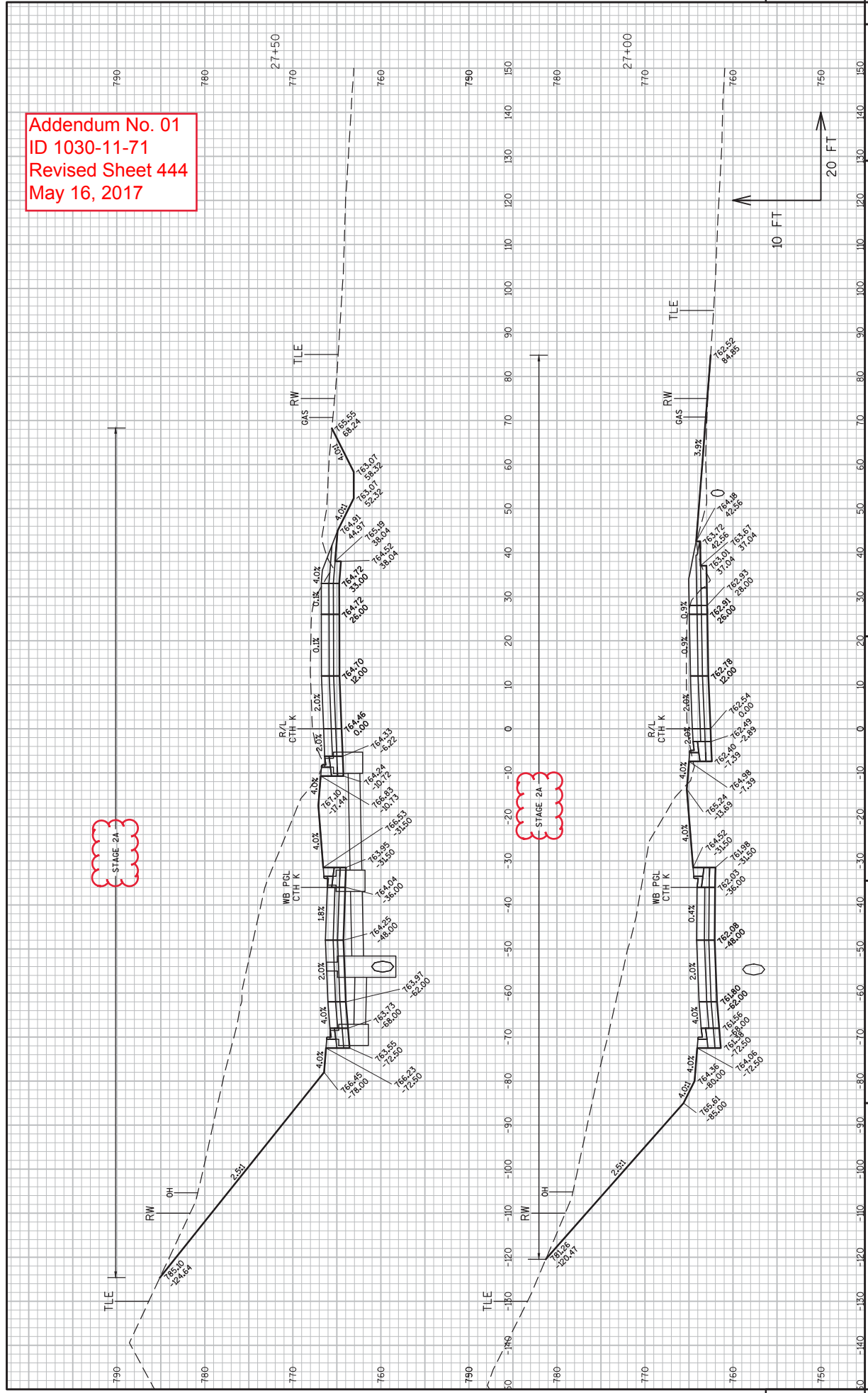
PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K
 SHEET 442
 E

FILE NAME : N:\VPOS\C3D\10301100\SHEETS\PLAN\1030-11-71\090201.XS.DWG
 LAYOUT NAME - XS 13
 PLOT DATE : 5/4/2017 11:08 AM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

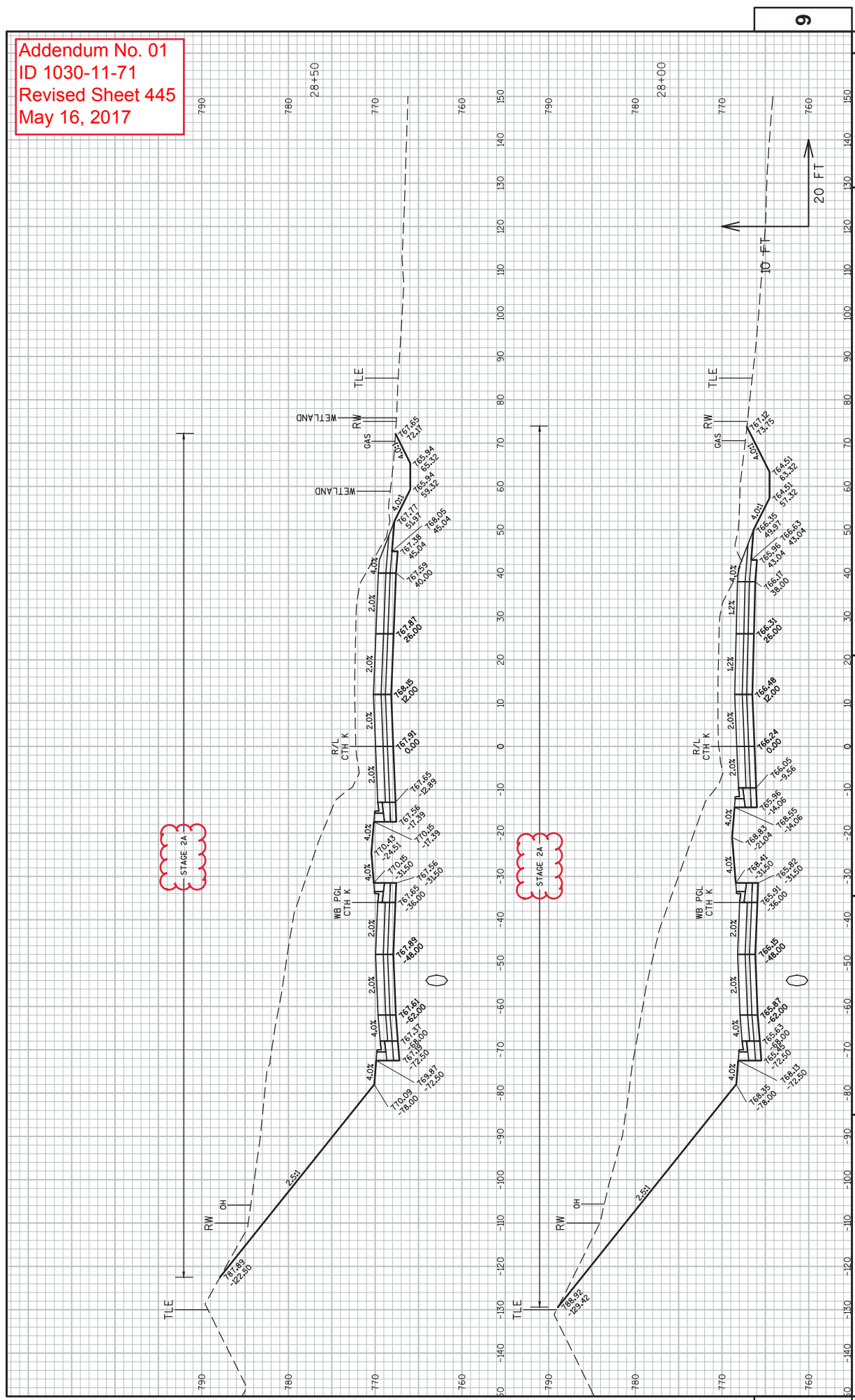
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 443
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Revised Sheet 444
 May 16, 2017



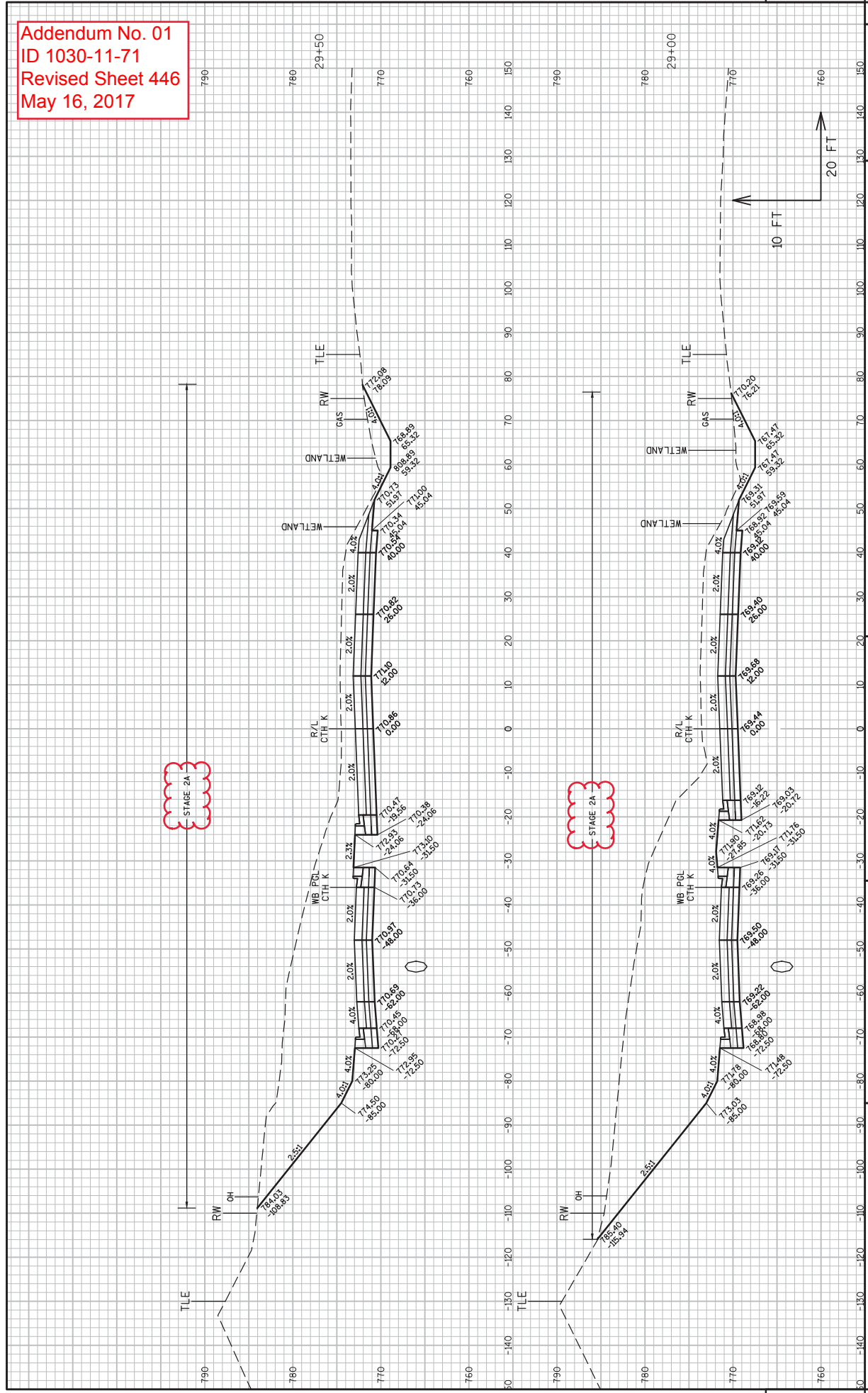
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 445
 May 16, 2017



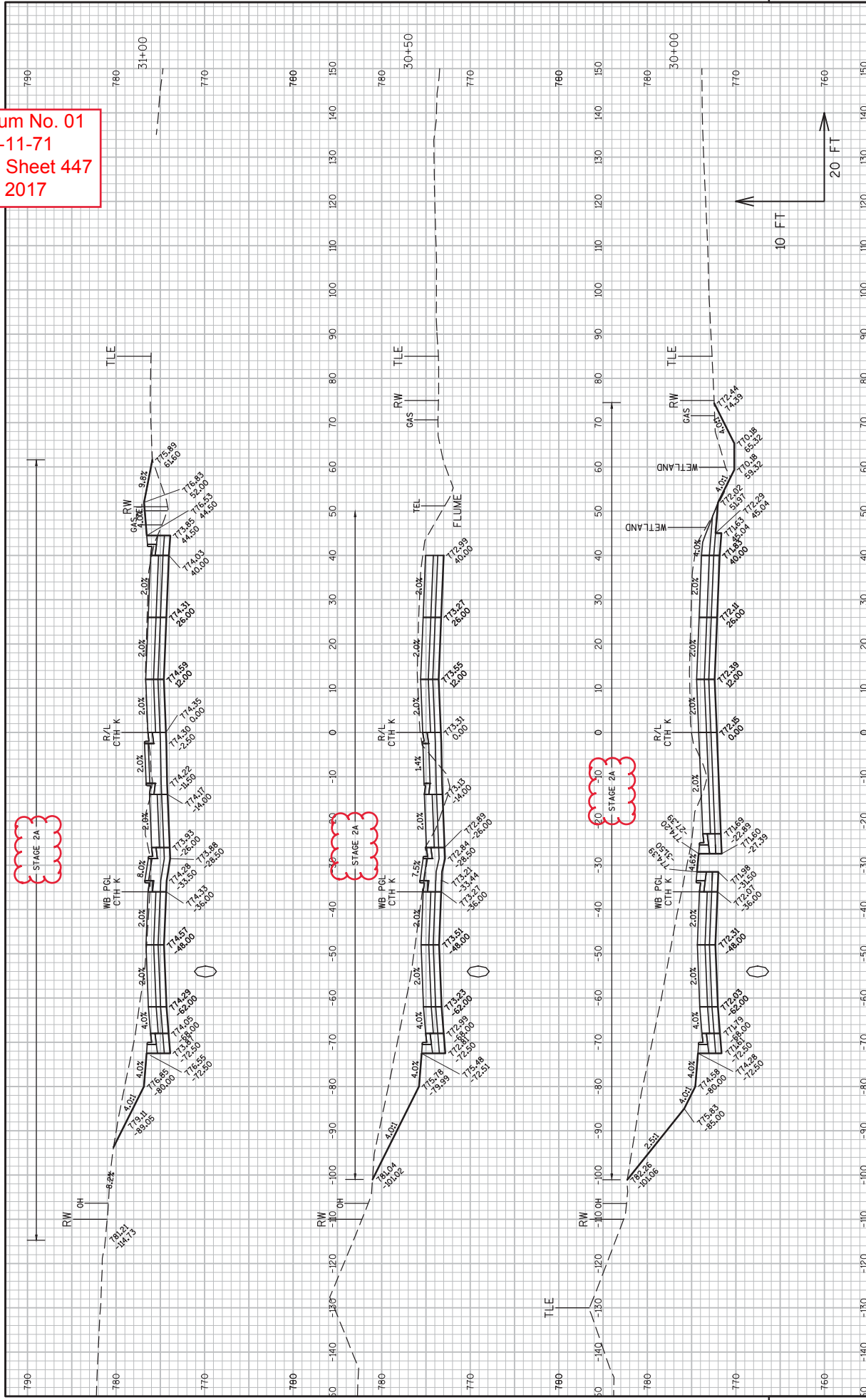
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 446
 May 16, 2017

STAKE 2A

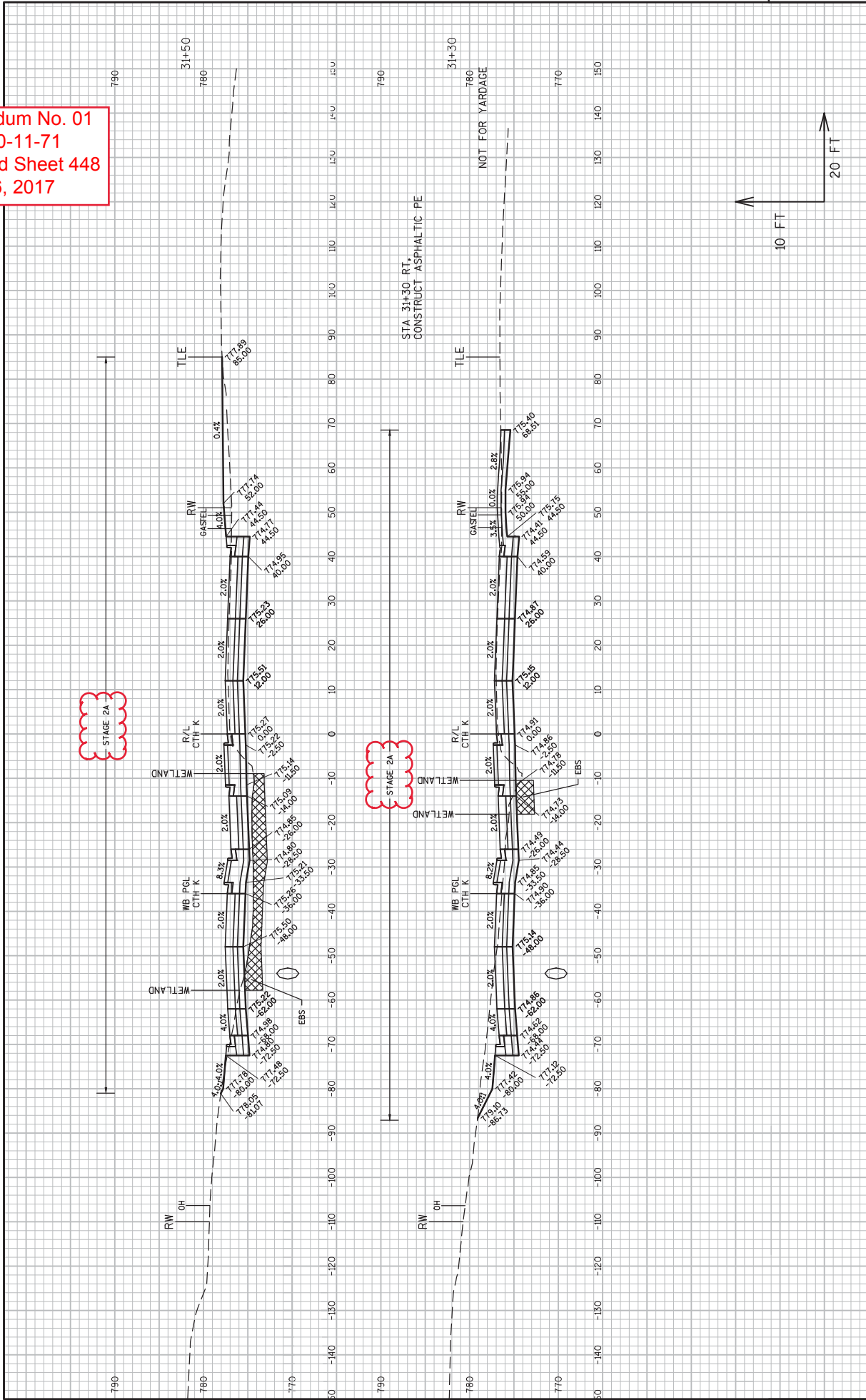
STAKE 2A



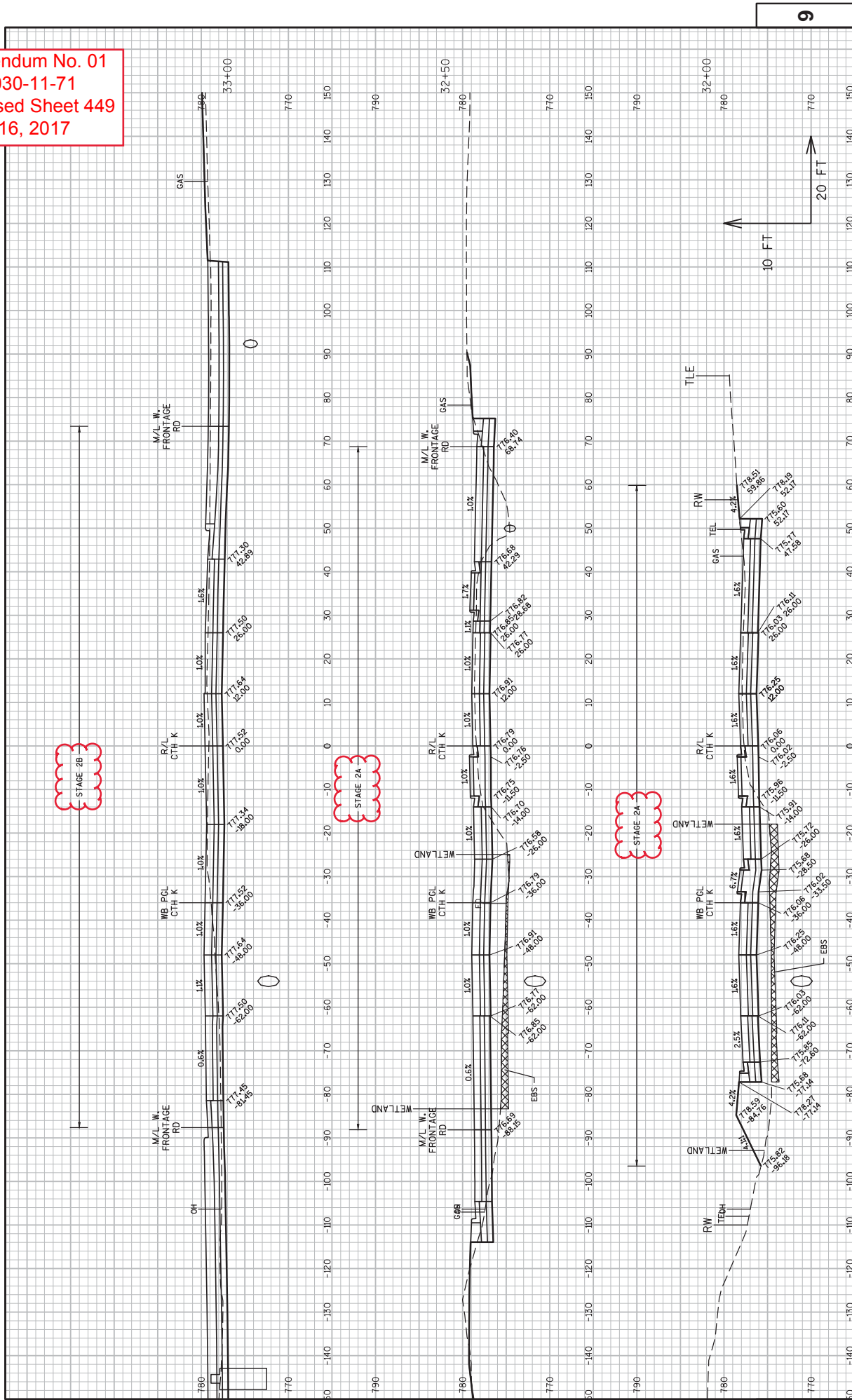
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 447
 May 16, 2017



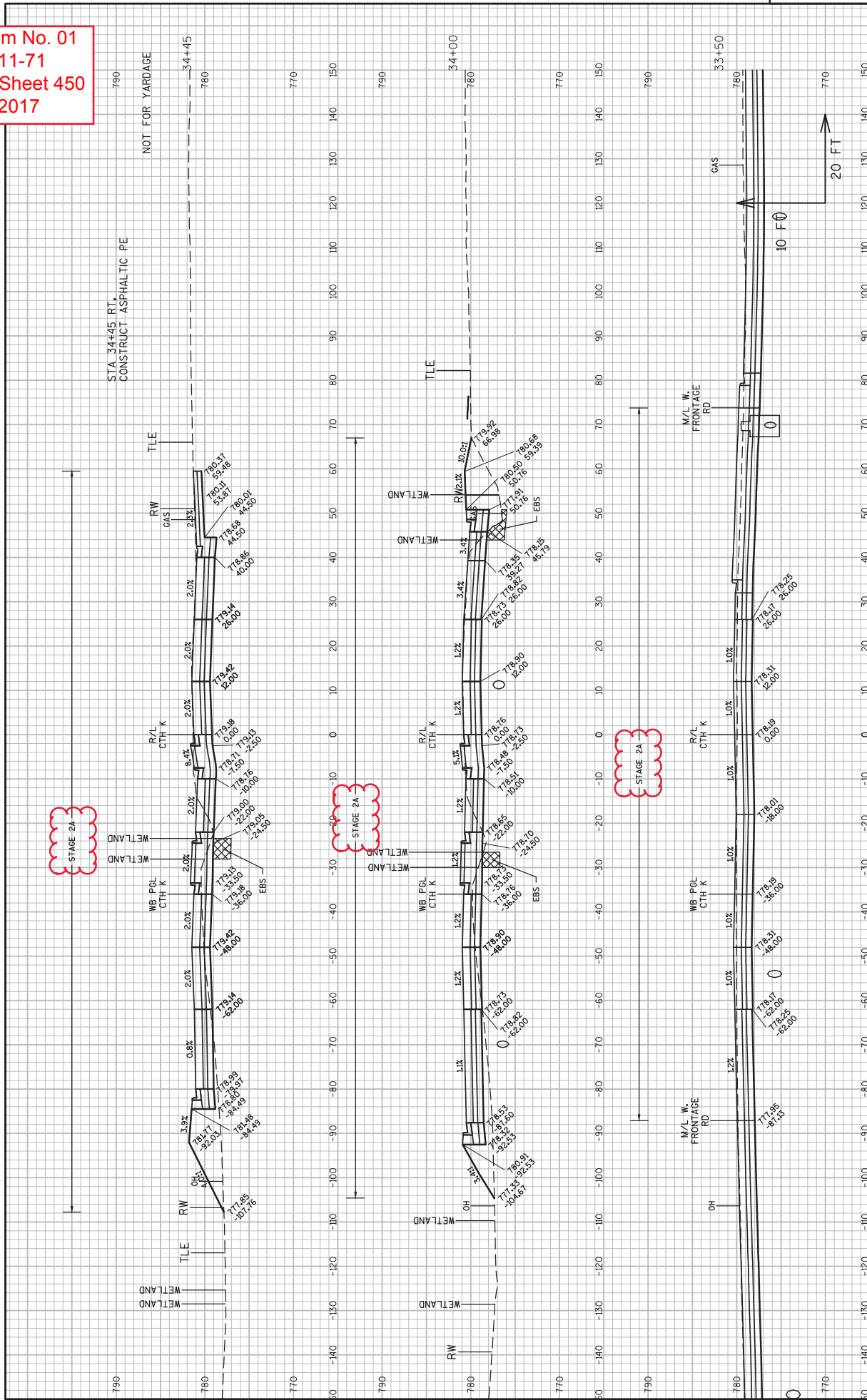
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 448
 May 16, 2017



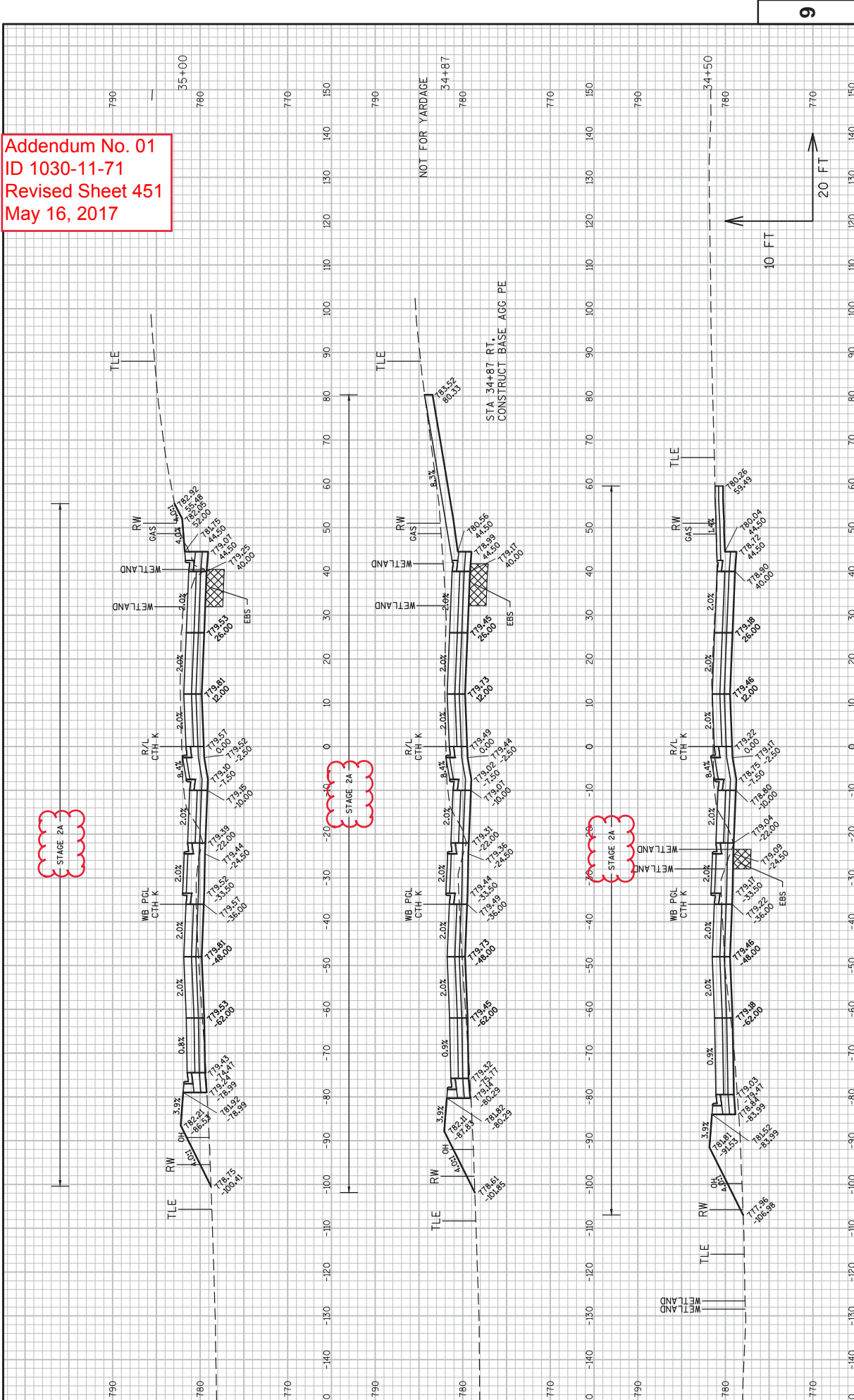
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 449
 May 16, 2017



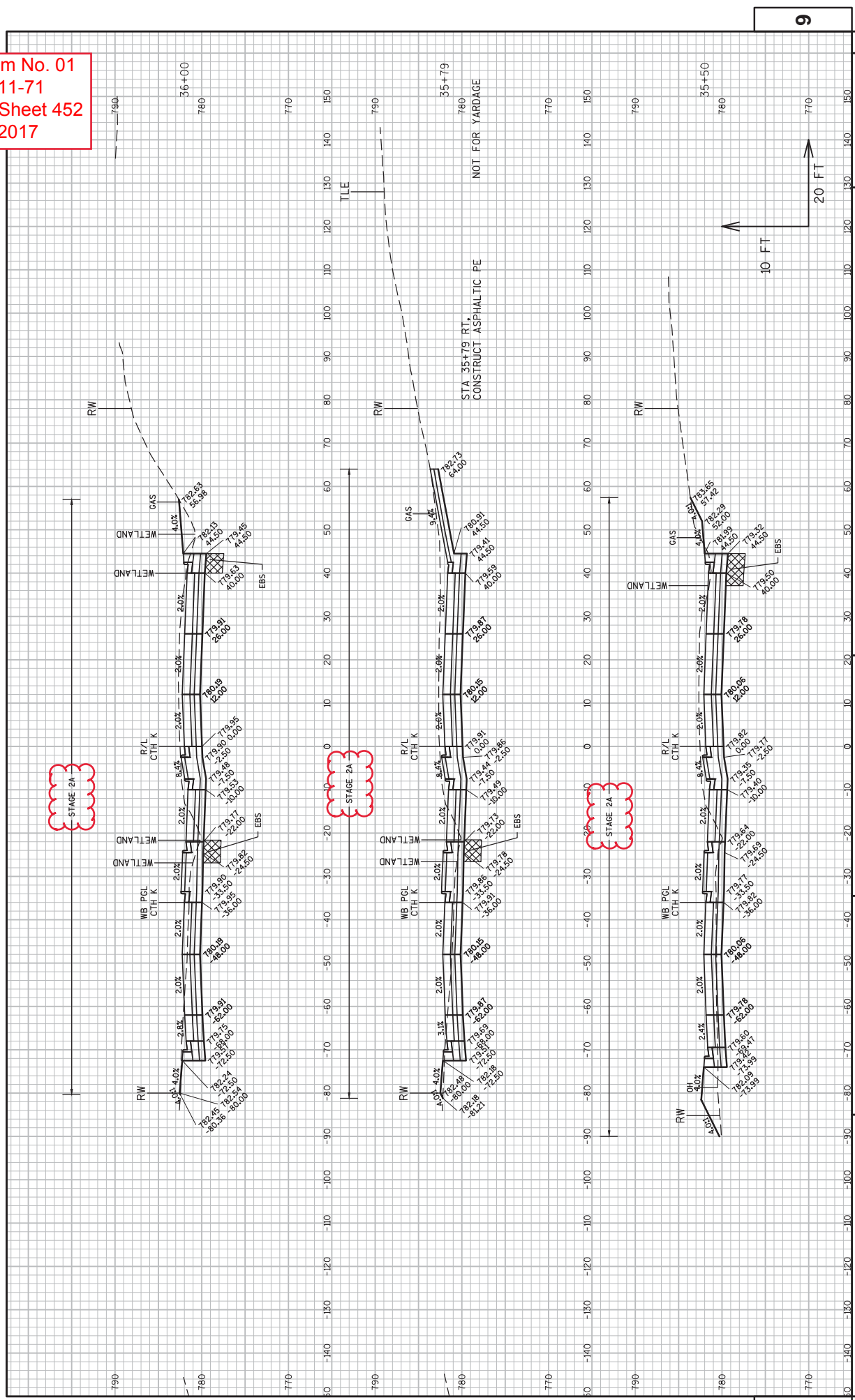
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 450
 May 16, 2017



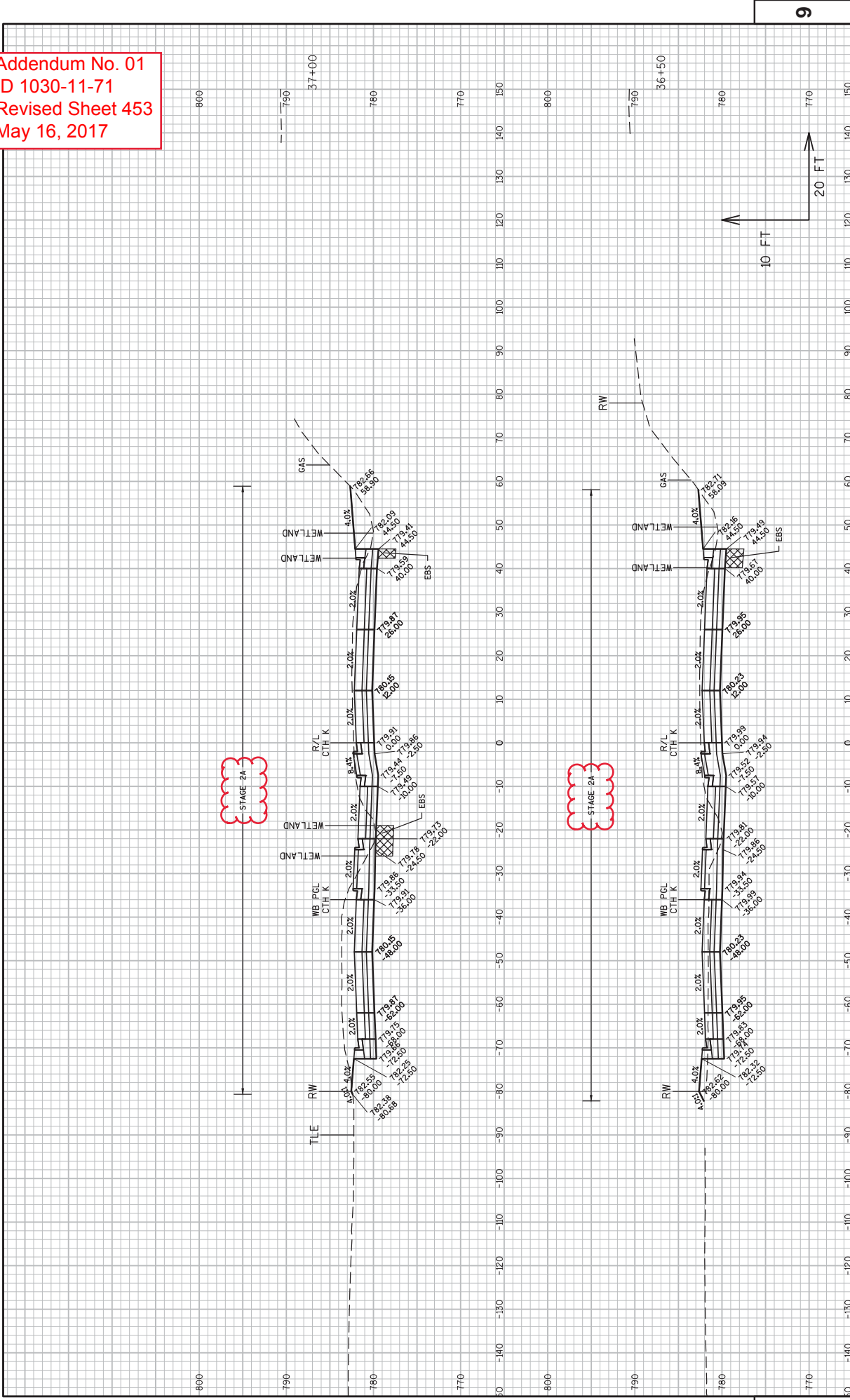
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 451
 May 16, 2017



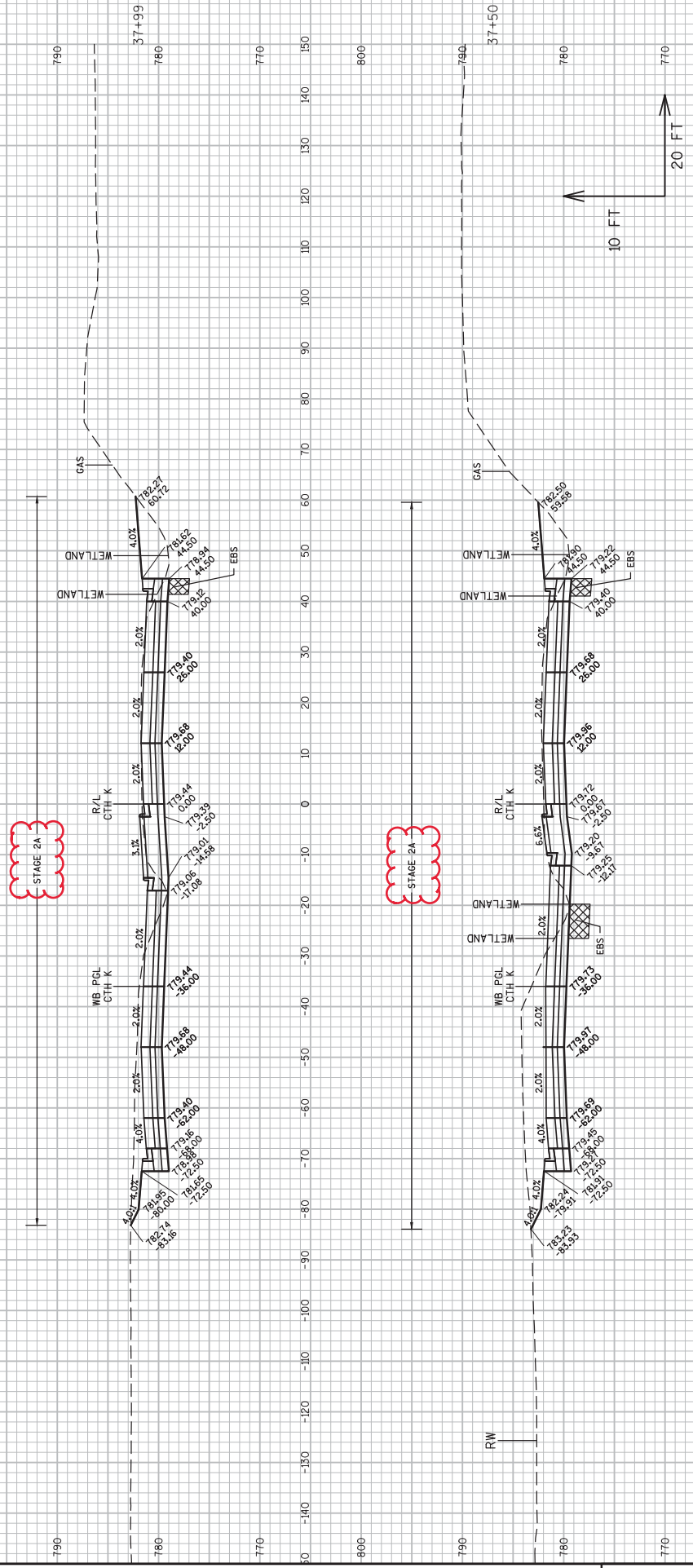
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 452
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Revised Sheet 453
 May 16, 2017



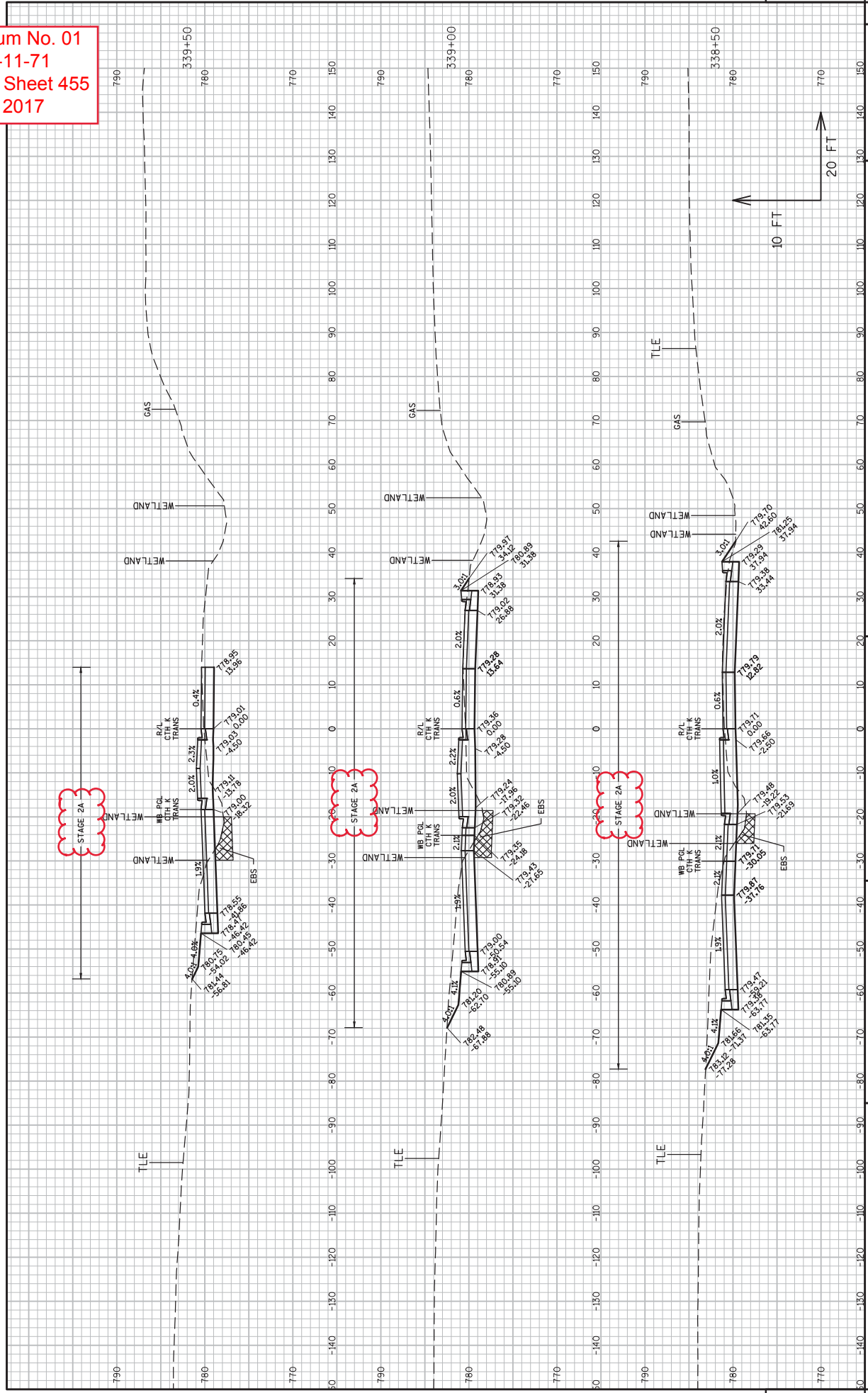
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 454
 May 16, 2017



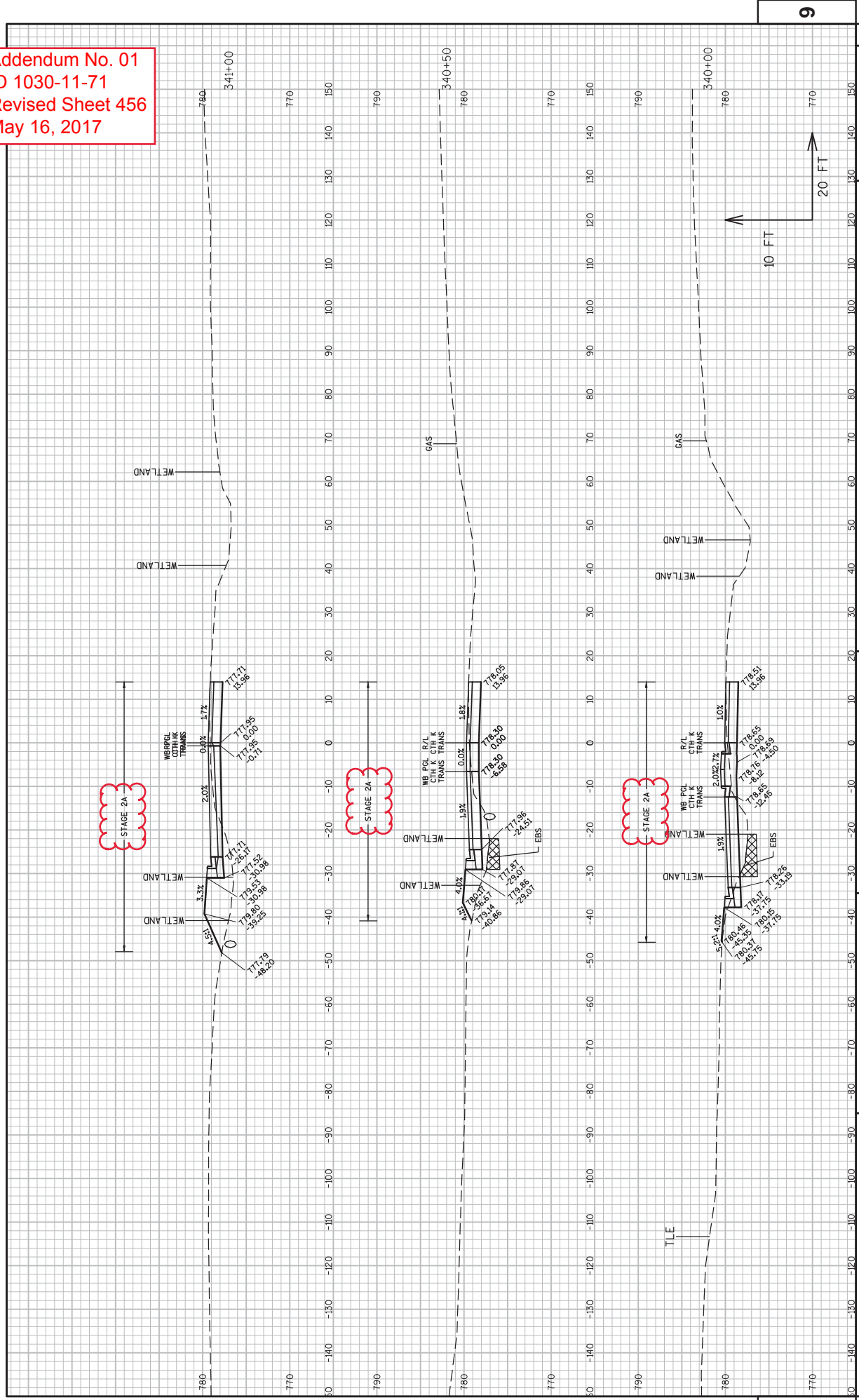
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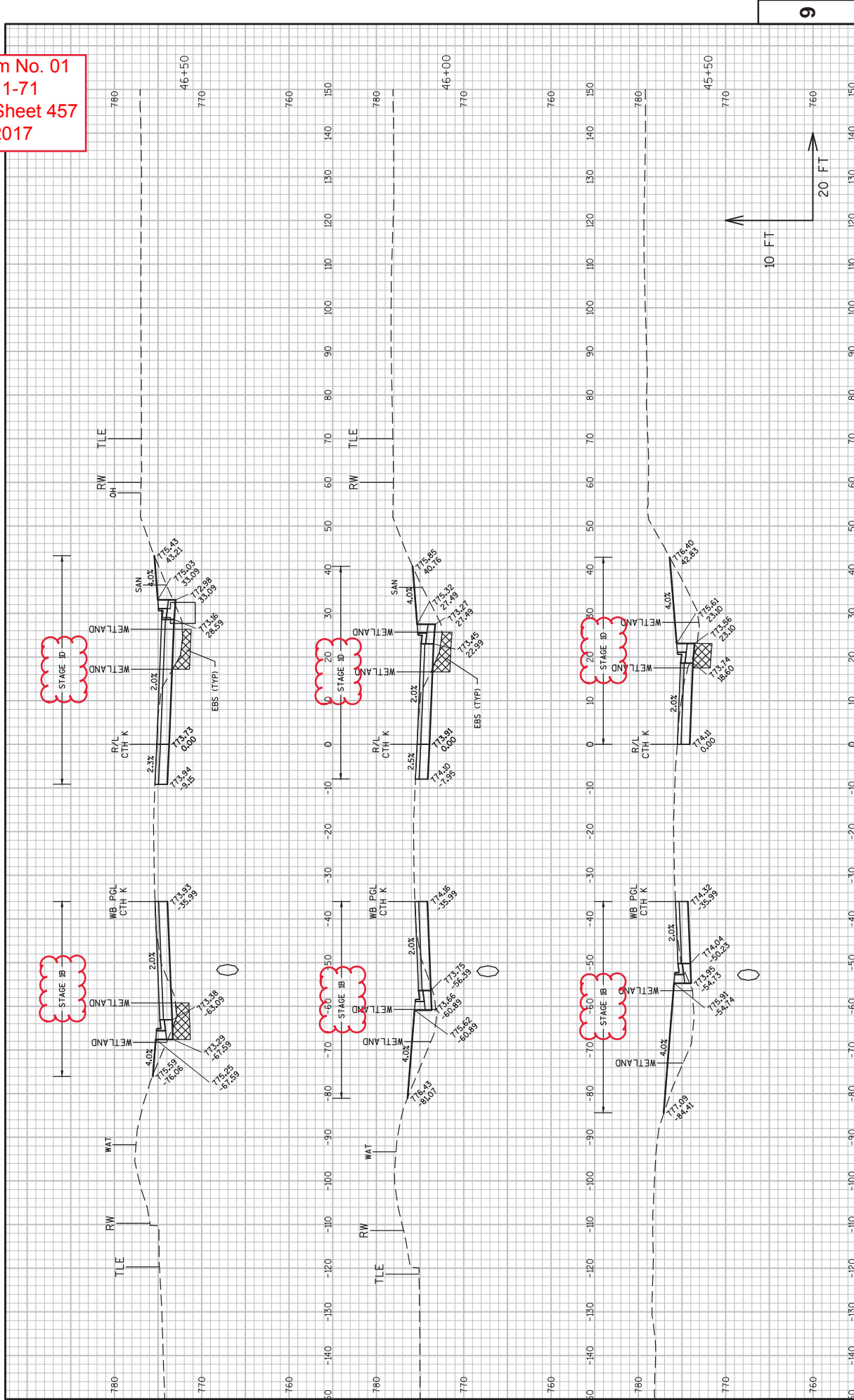
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 455
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Revised Sheet 456
 May 16, 2017

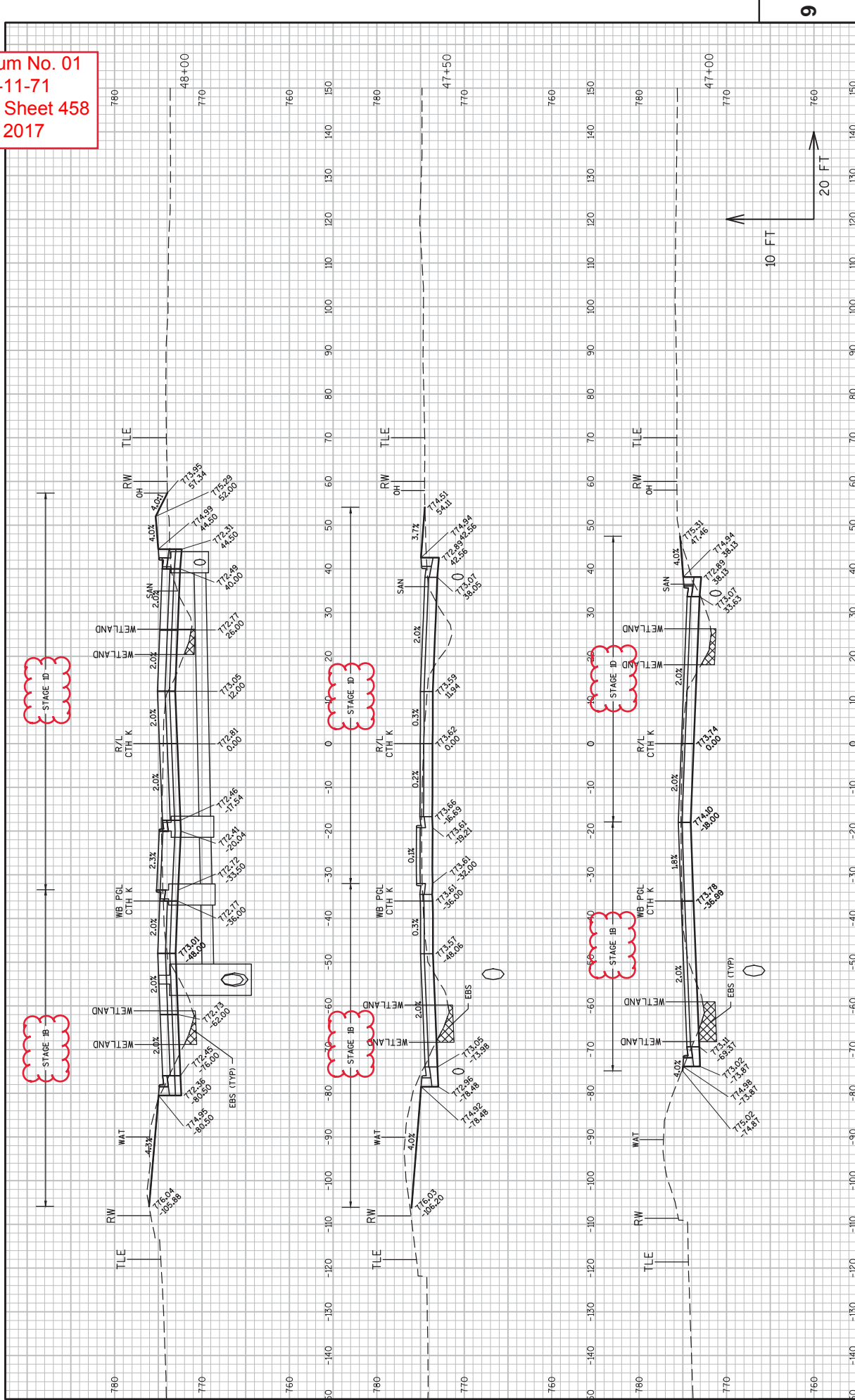


Addendum No. 01
 ID 1030-11-71
 Revised Sheet 457
 May 16, 2017

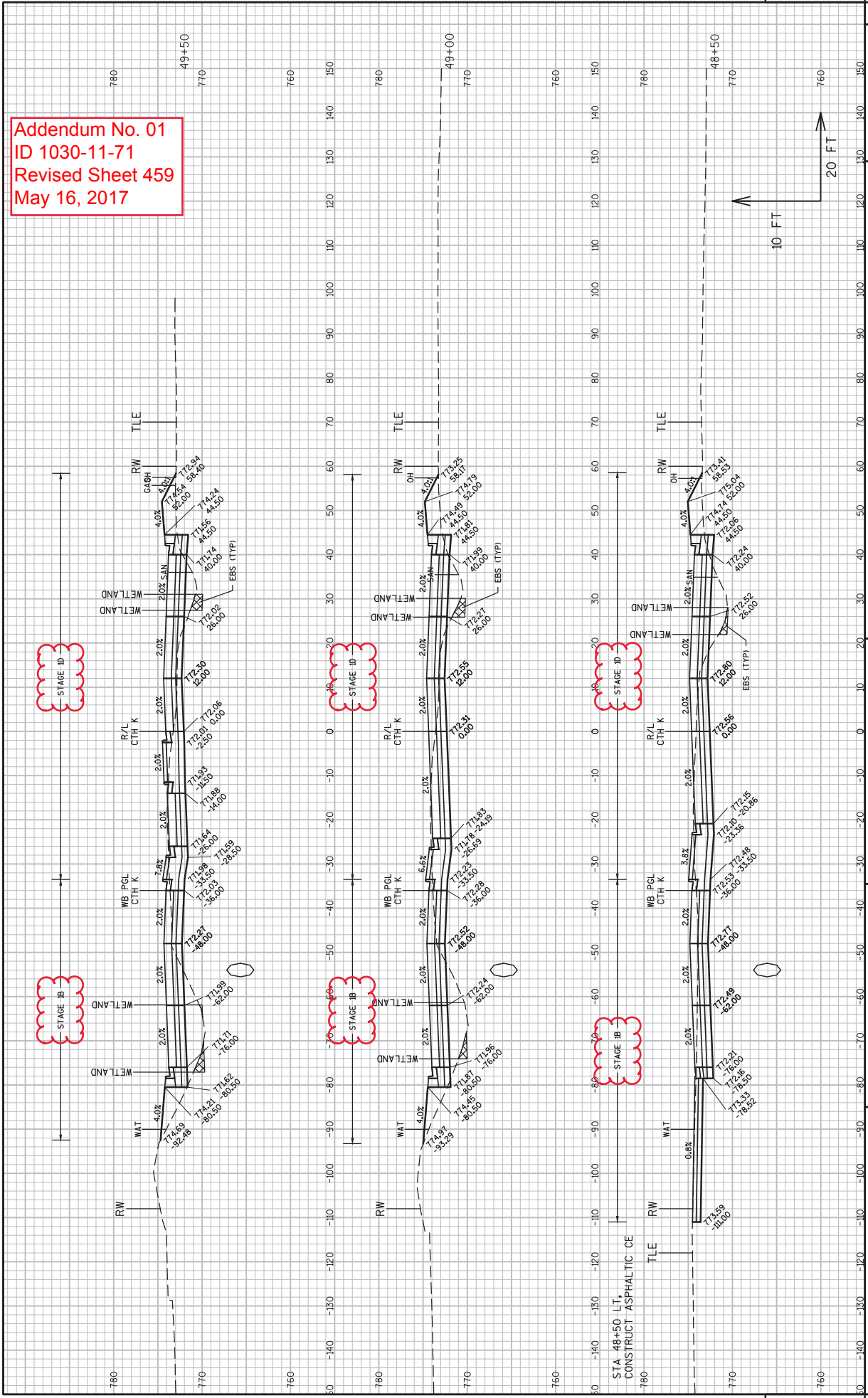


PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K
 SHEET 457
 E
 9
 9
 10 FT
 20 FT
 PLOT DATE : 5/4/2017 4:01 PM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 FILE NAME : N:\VPOS\C3D\10301100\SHEETS\PLAN\1030-11-71\090202-X5.DWG
 LAYOUT NAME - X5 1
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 49

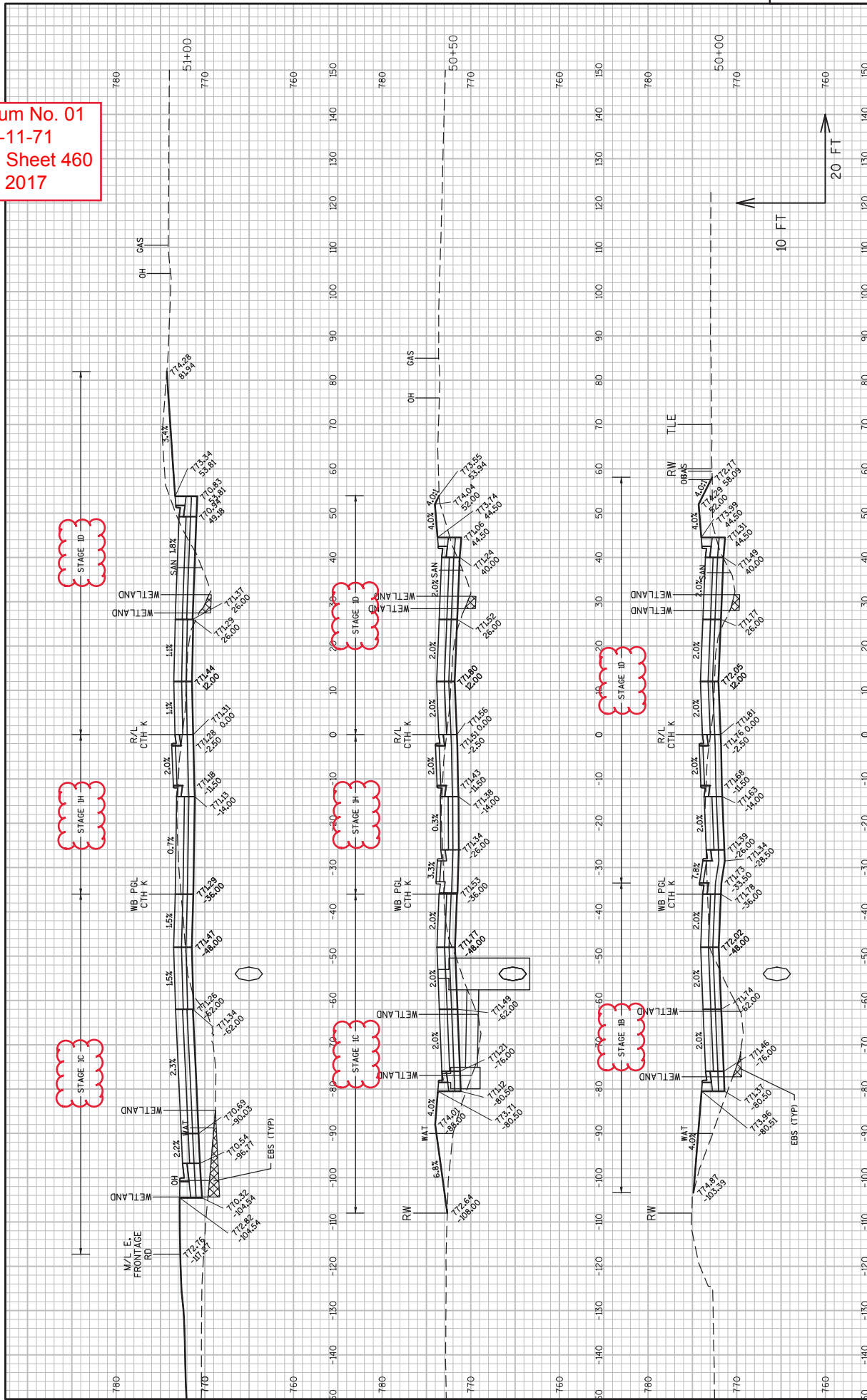
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 458
 May 16, 2017



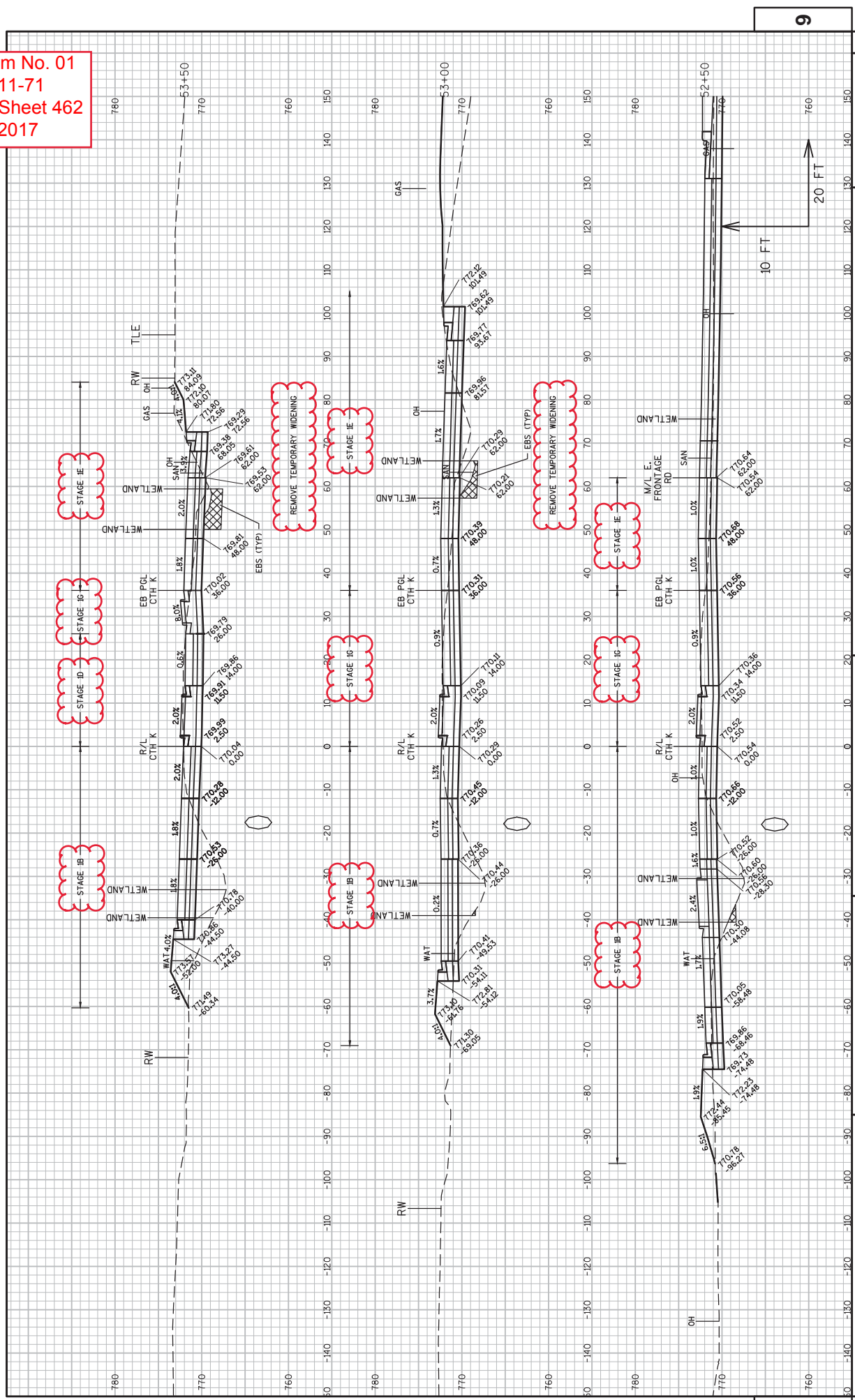
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 459
 May 16, 2017



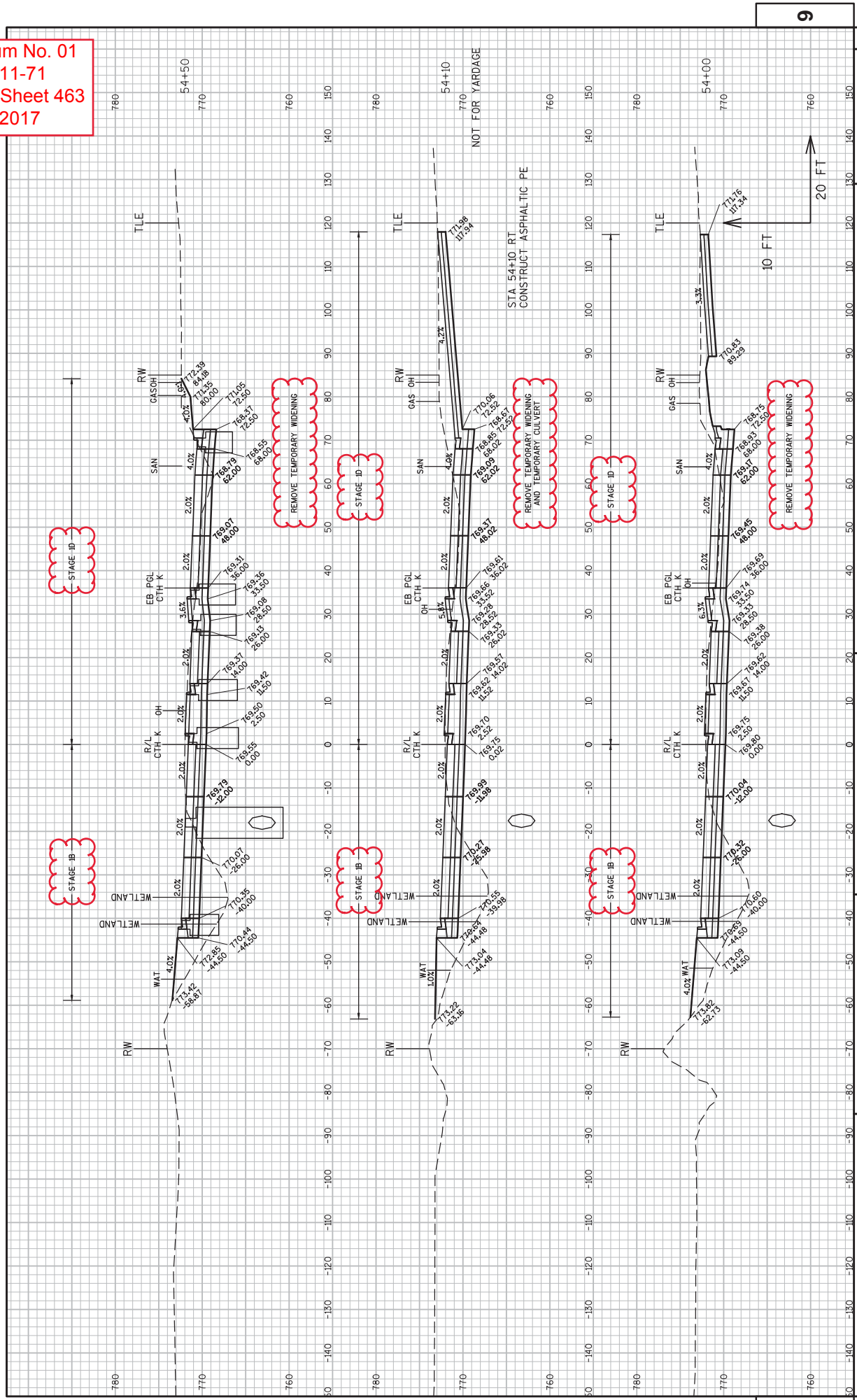
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 460
 May 16, 2017



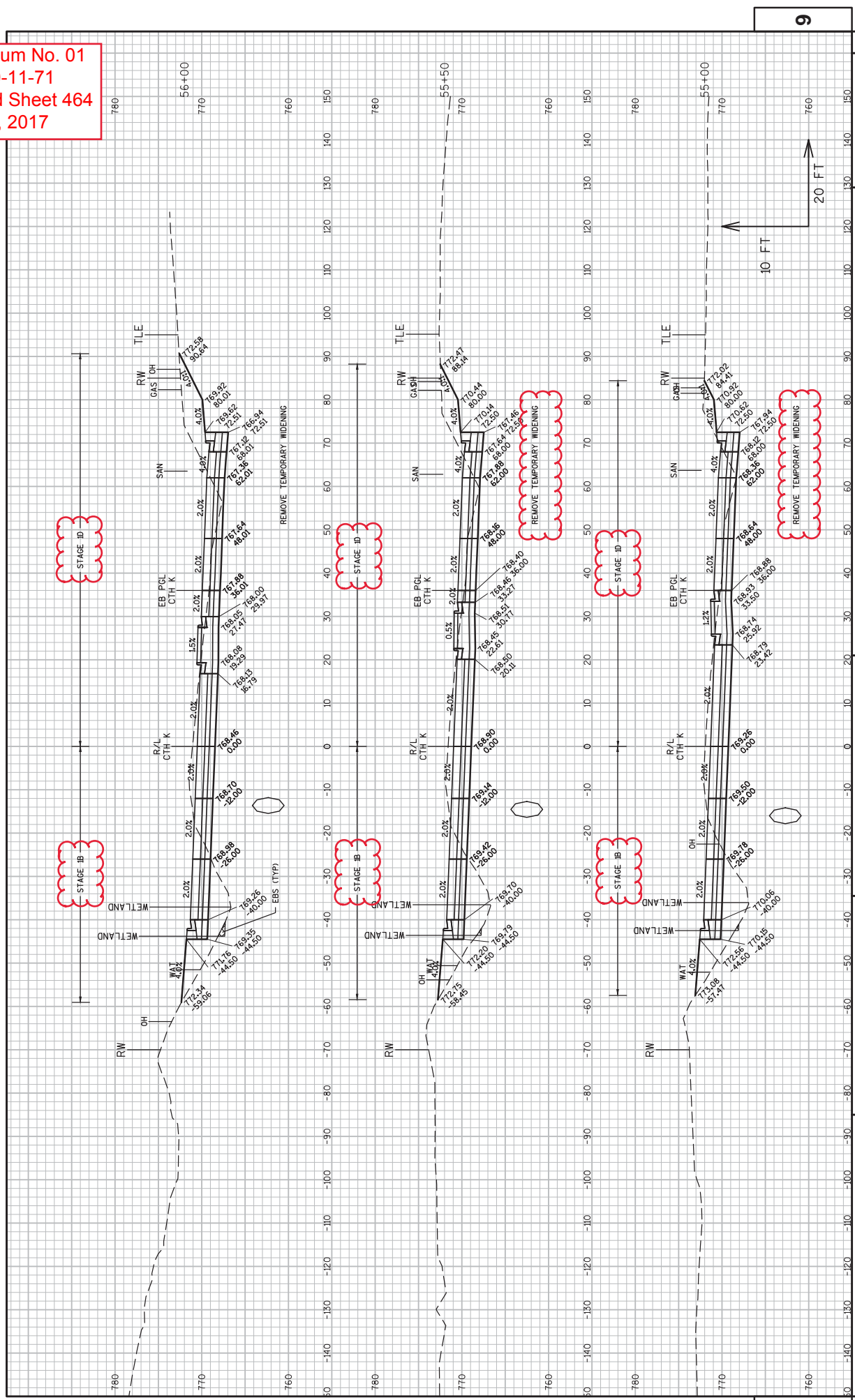
Addendum No. 01
ID 1030-11-71
Revised Sheet 462
May 16, 2017



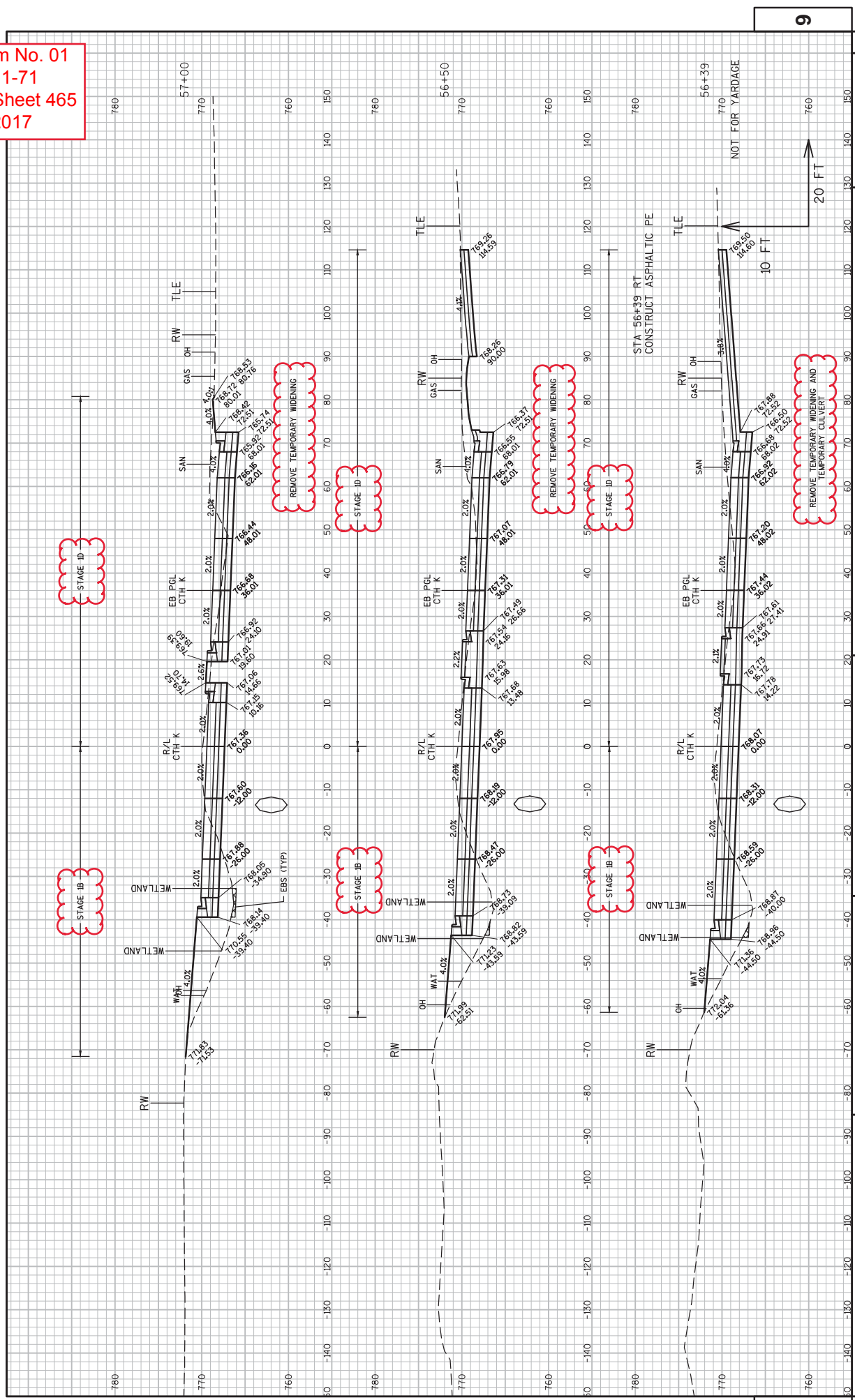
Addendum No. 01
 ID 1030-11-71
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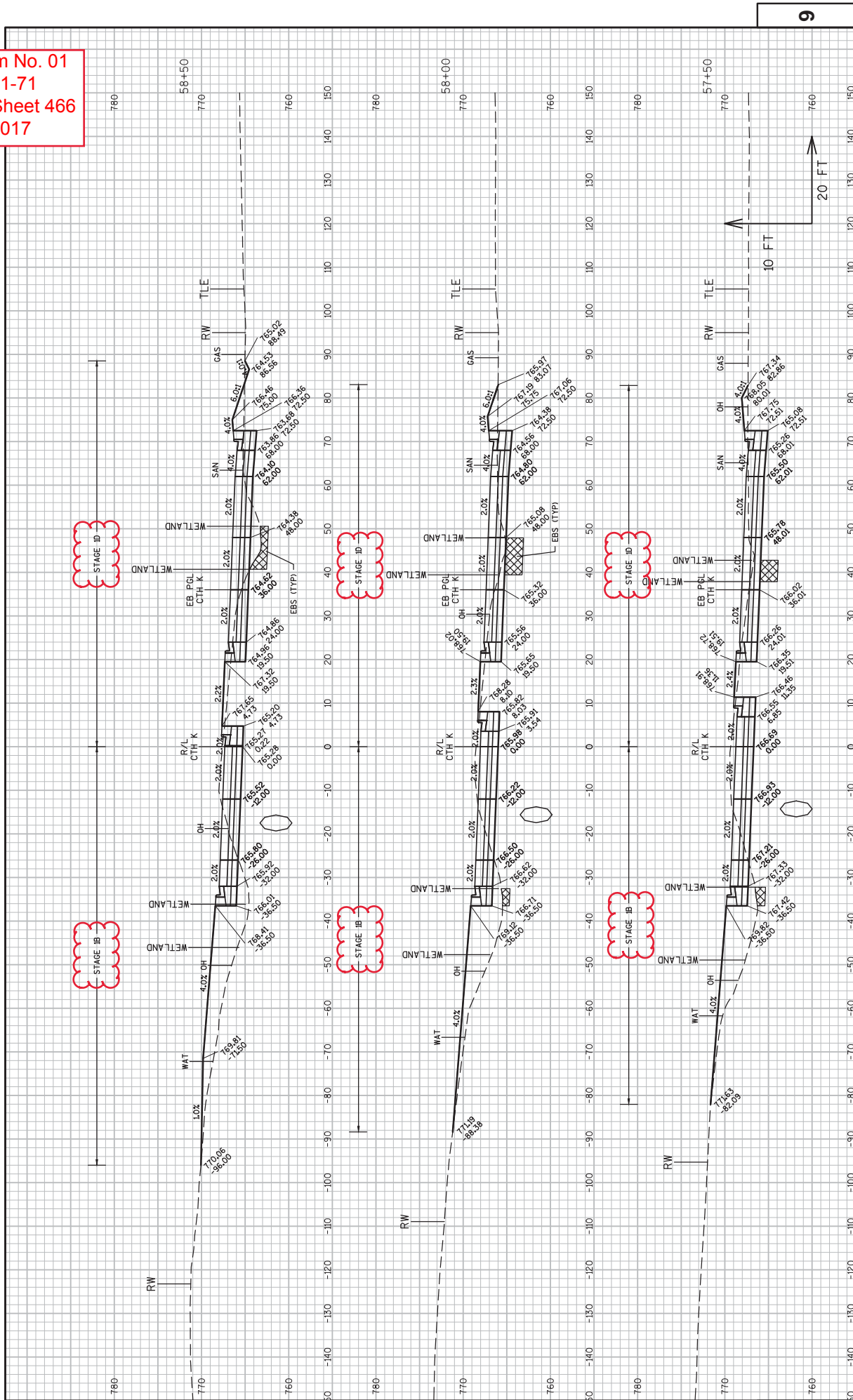
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 464
 May 16, 2017



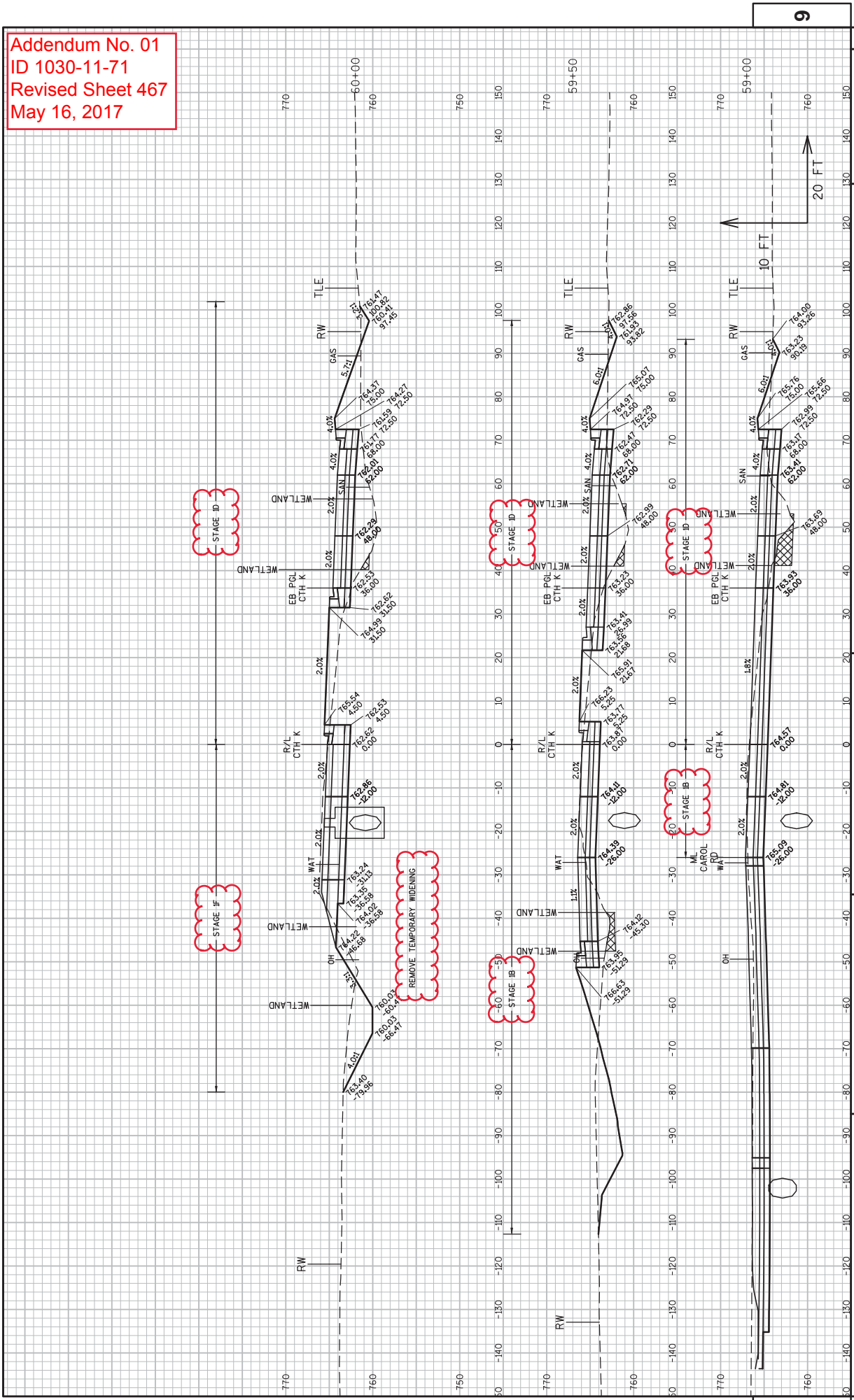
Addendum No. 01
ID 1030-11-71
Revised Sheet 465
May 16, 2017



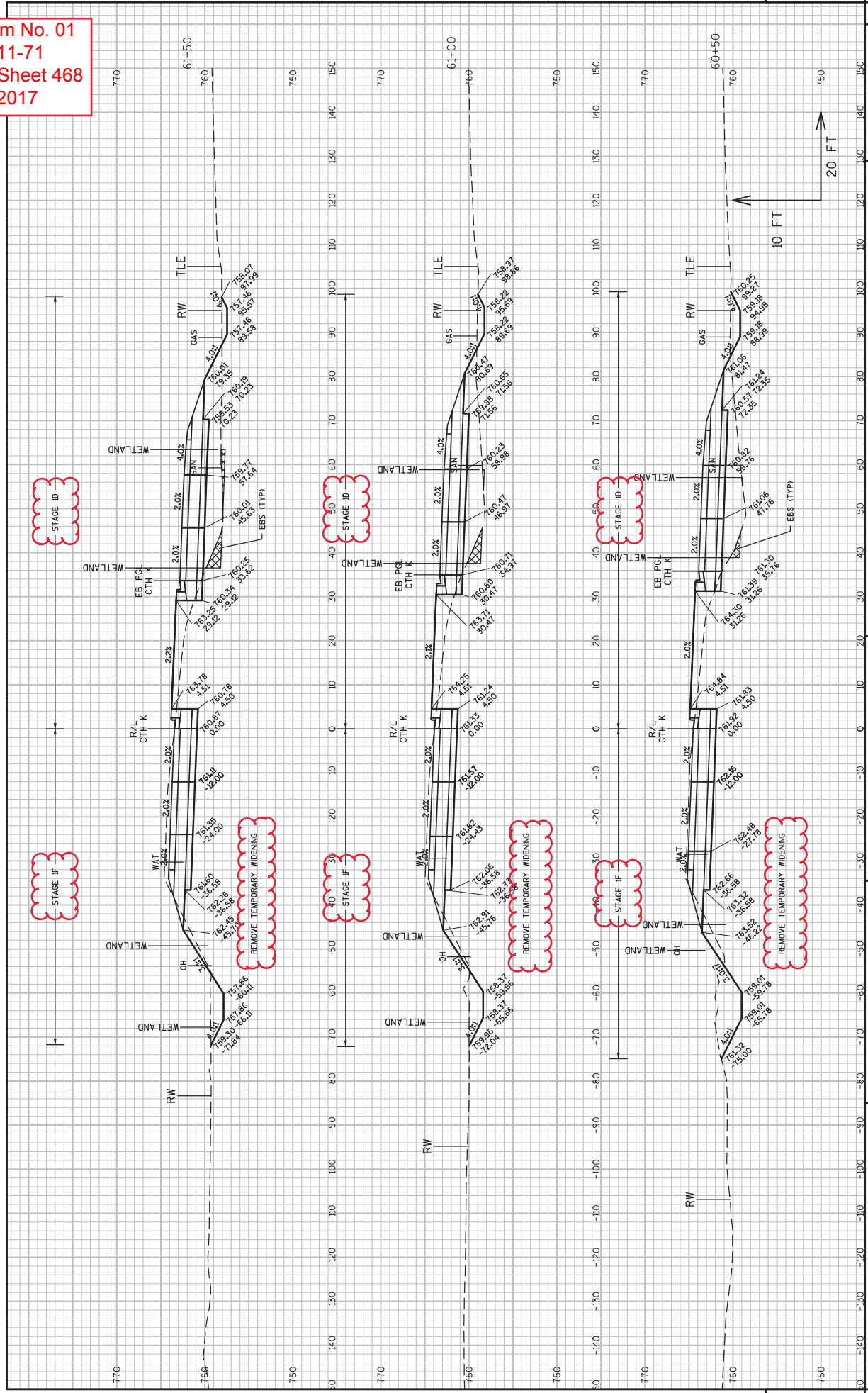
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 466
 May 16, 2017



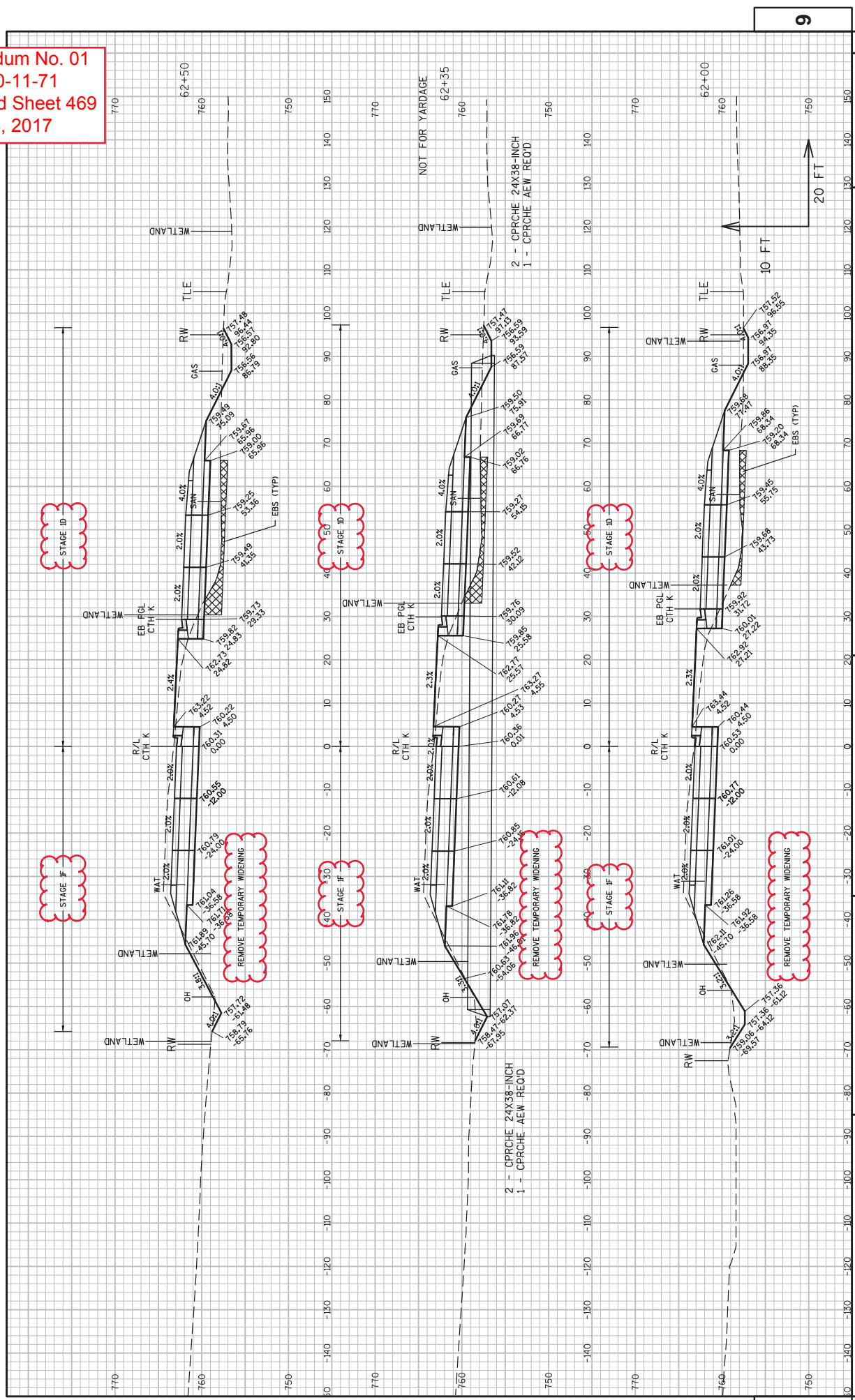
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 467
 May 16, 2017



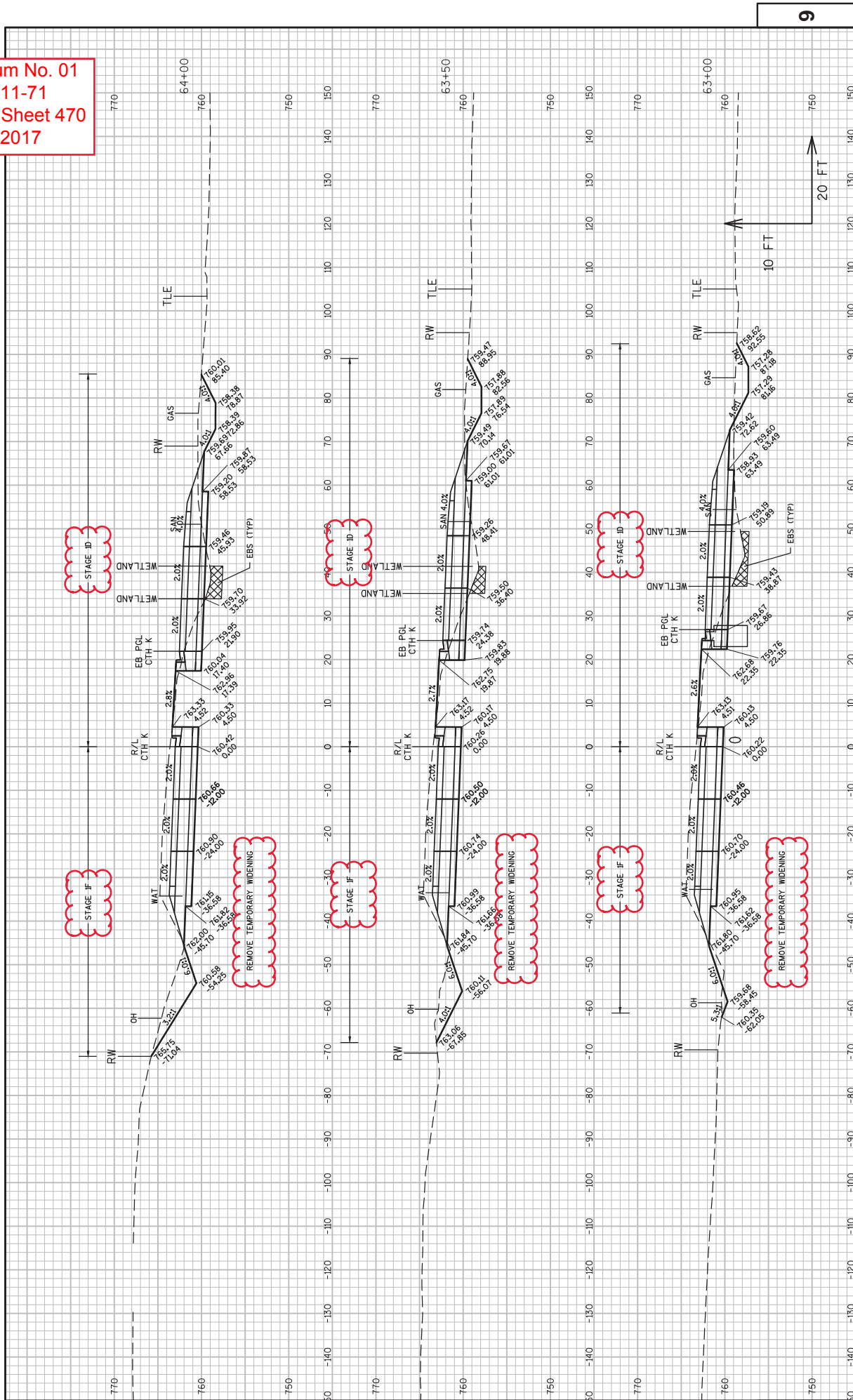
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 468
 May 16, 2017



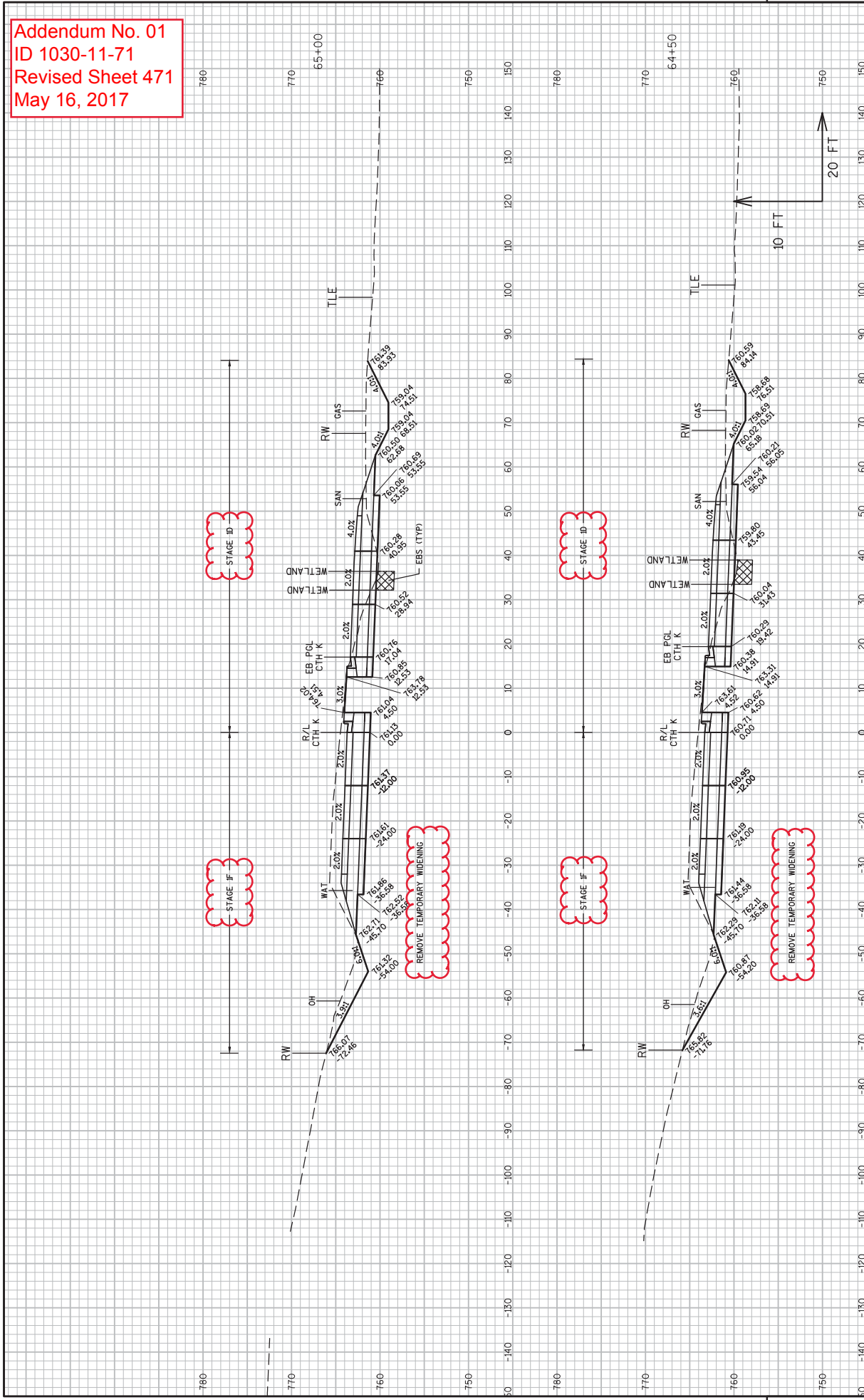
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 469
 May 16, 2017



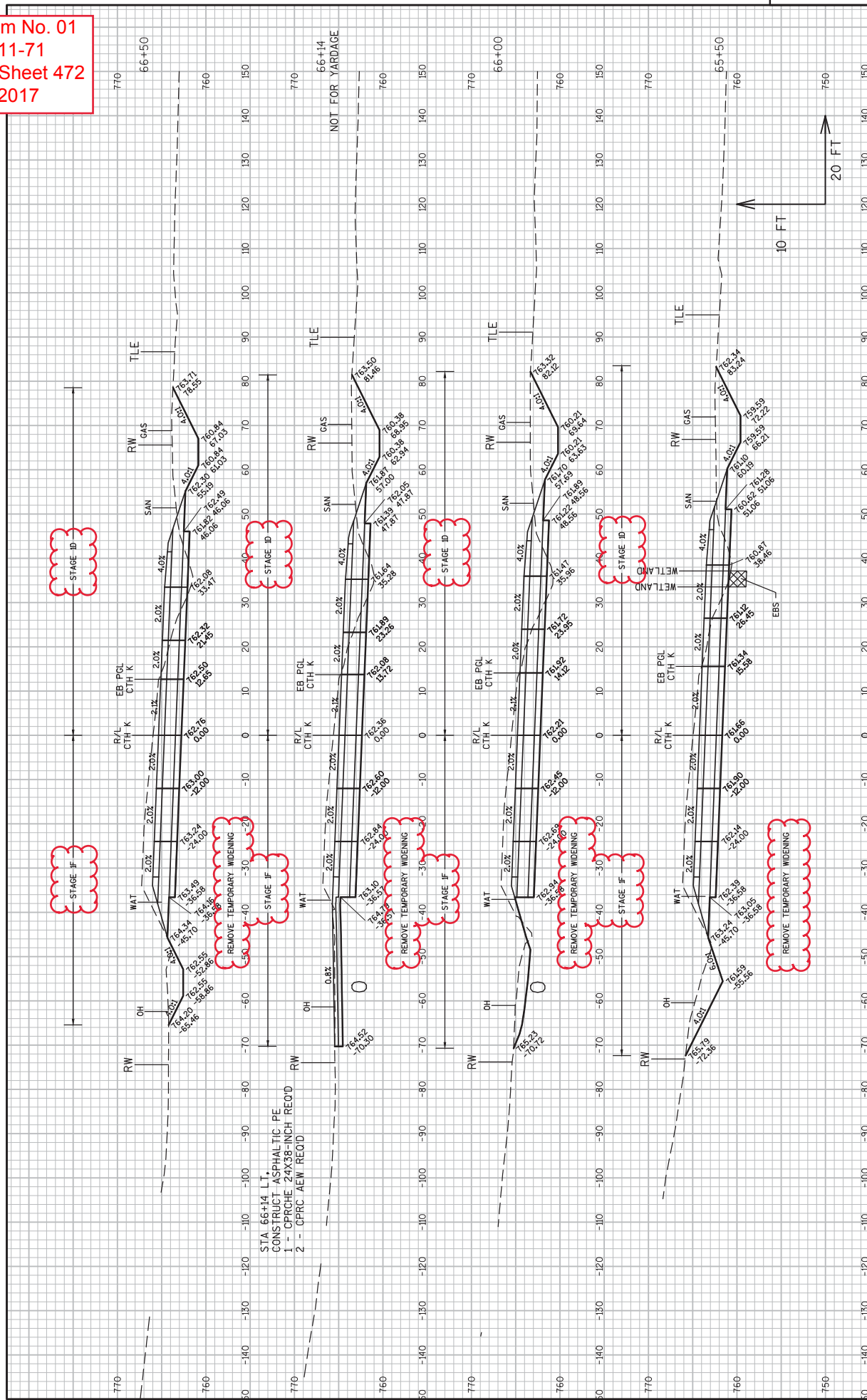
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 470
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Revised Sheet 471
 May 16, 2017

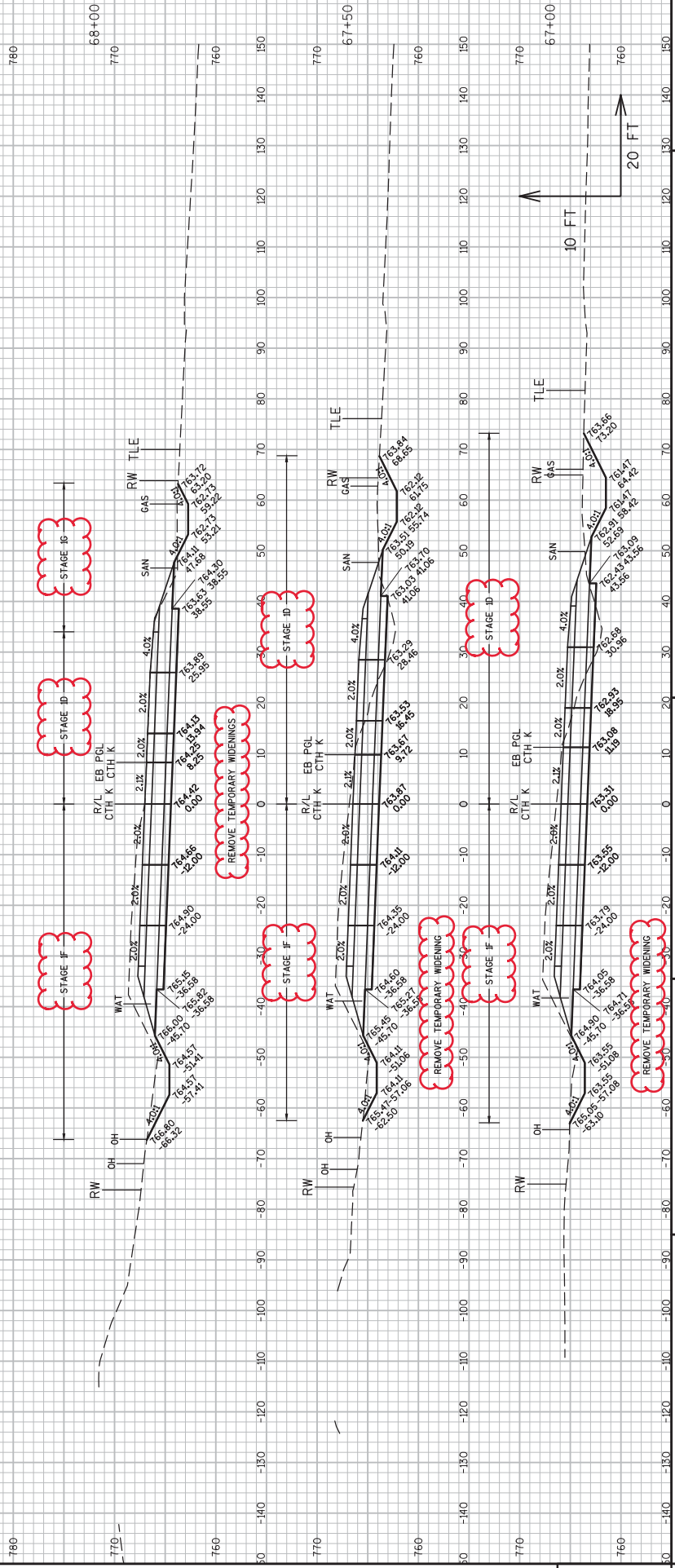


Addendum No. 01
 ID 1030-11-71
 Revised Sheet 472
 May 16, 2017

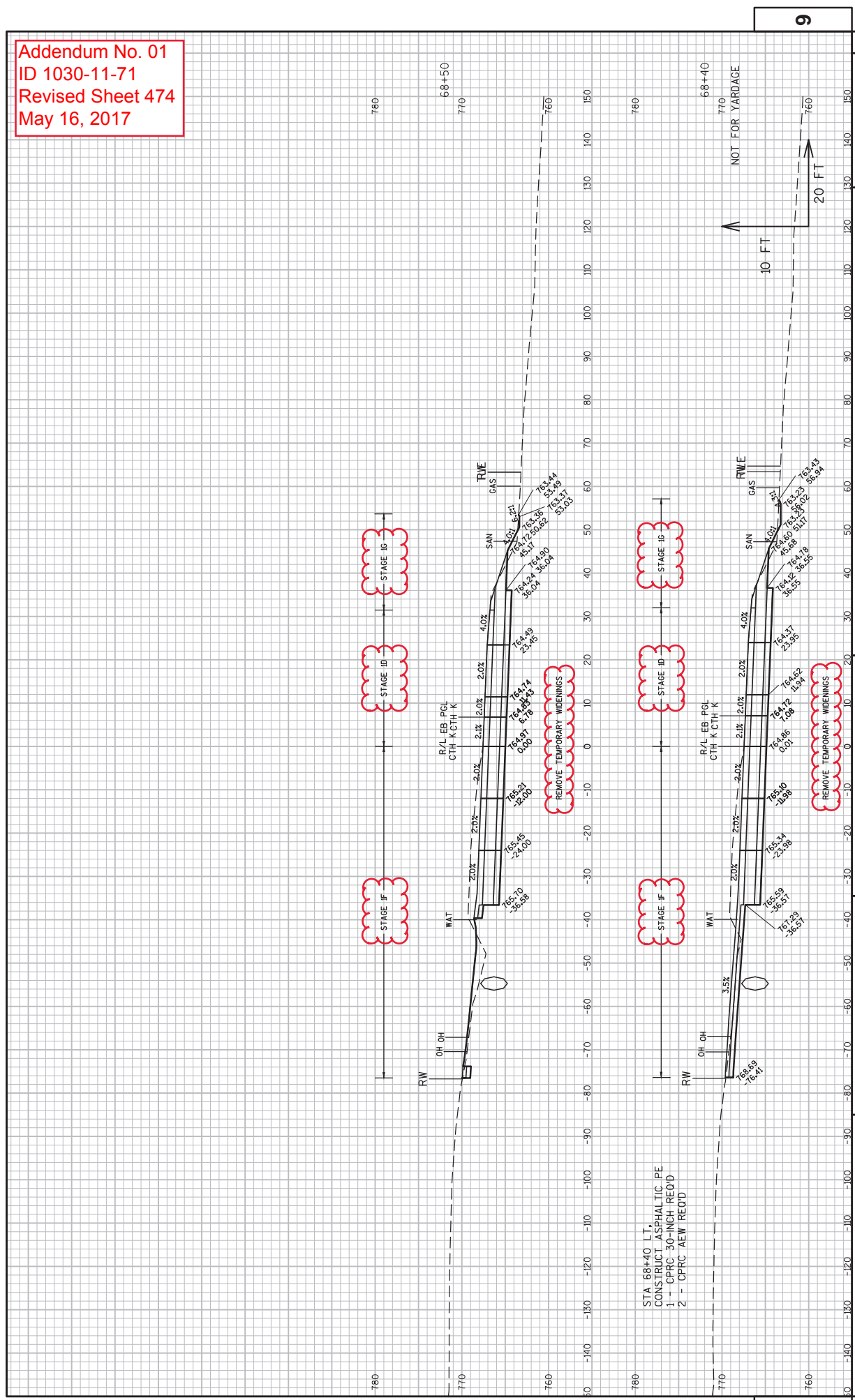


STA 66+14 L.T.
 CONSTRUCT ASPHALTIC PE
 1 - C/P/ROHE 24X38-INCH REQ'D
 2 - C/PRC AEW REQ'D

Addendum No. 01
 ID 1030-11-71
 Revised Sheet 473
 May 16, 2017

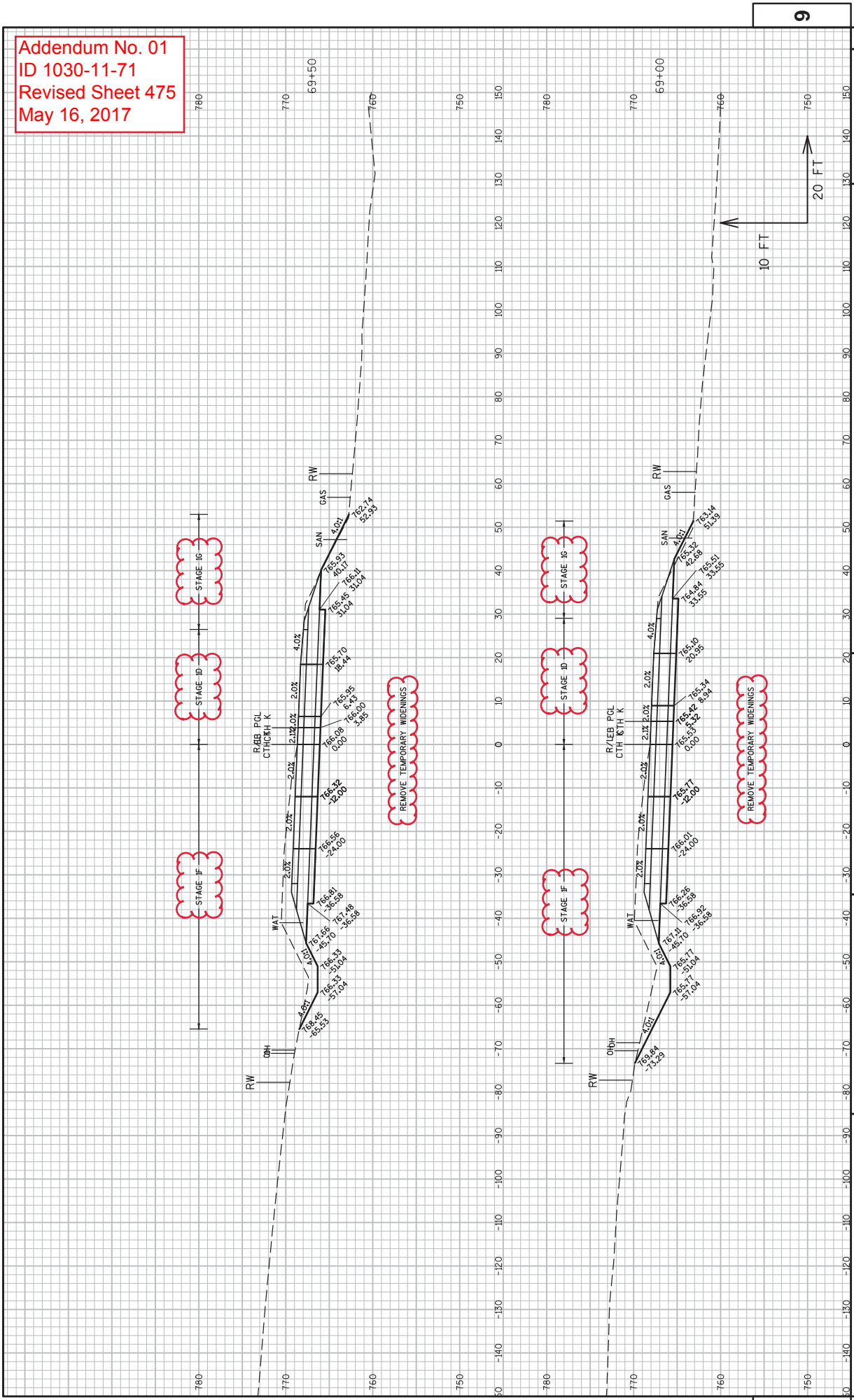


Addendum No. 01
 ID 1030-11-71
 Revised Sheet 474
 May 16, 2017

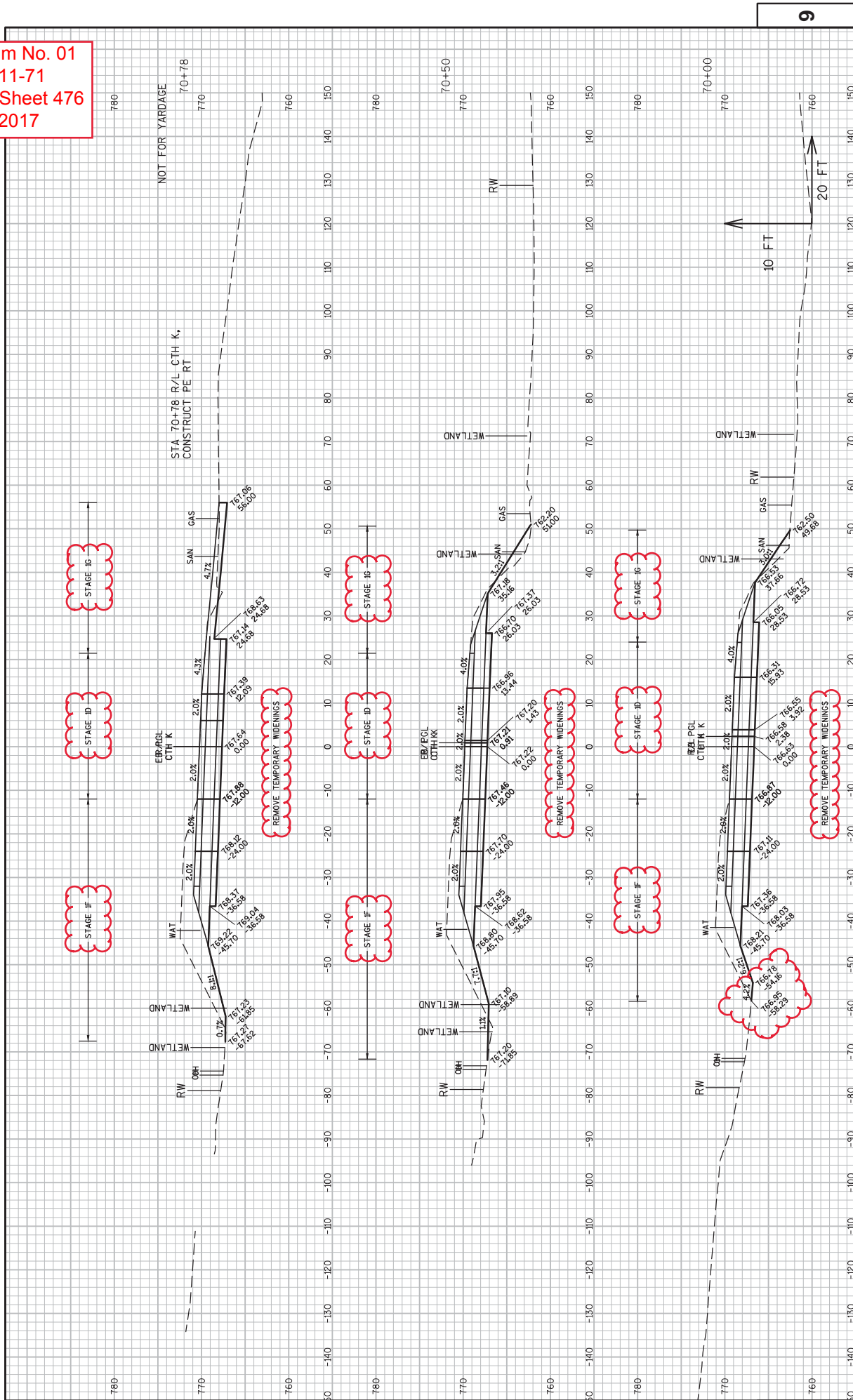


STA 68+40 LT.
 CONSTRUCT ASPHALTIC PE
 1 - CPRC 30-INCH RECD
 2 - CPRC AEW RECD

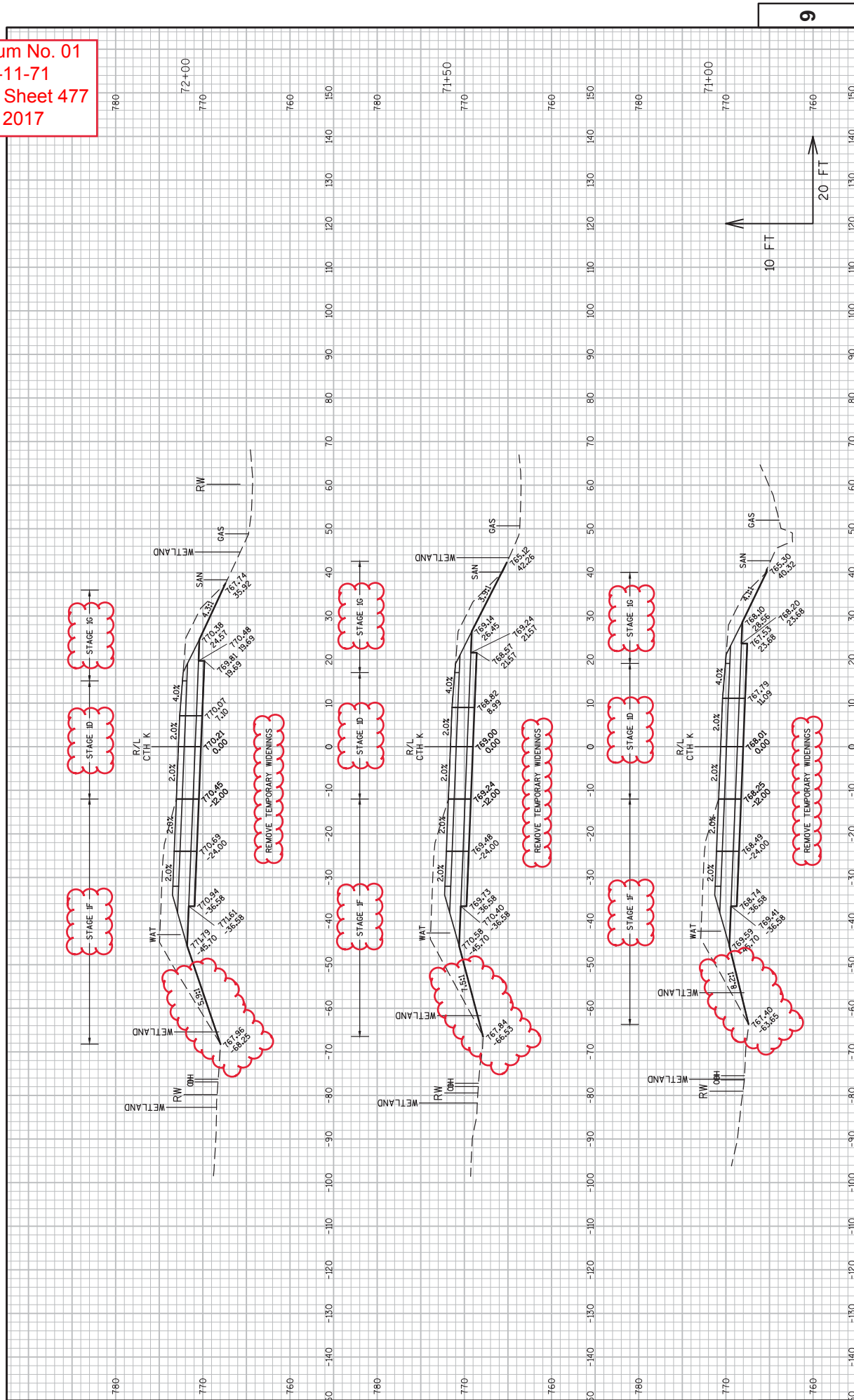
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 475
 May 16, 2017



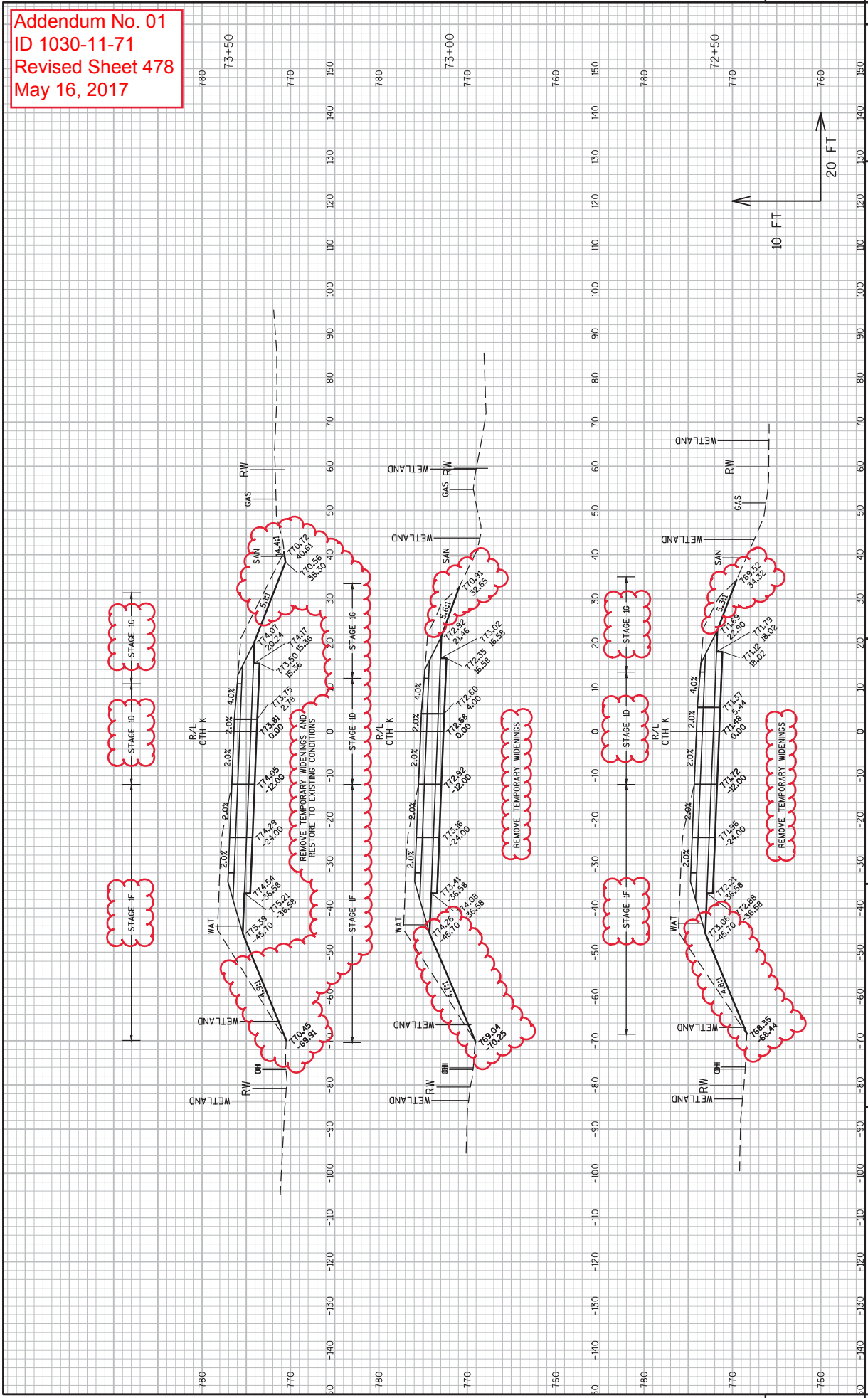
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 476
 May 16, 2017



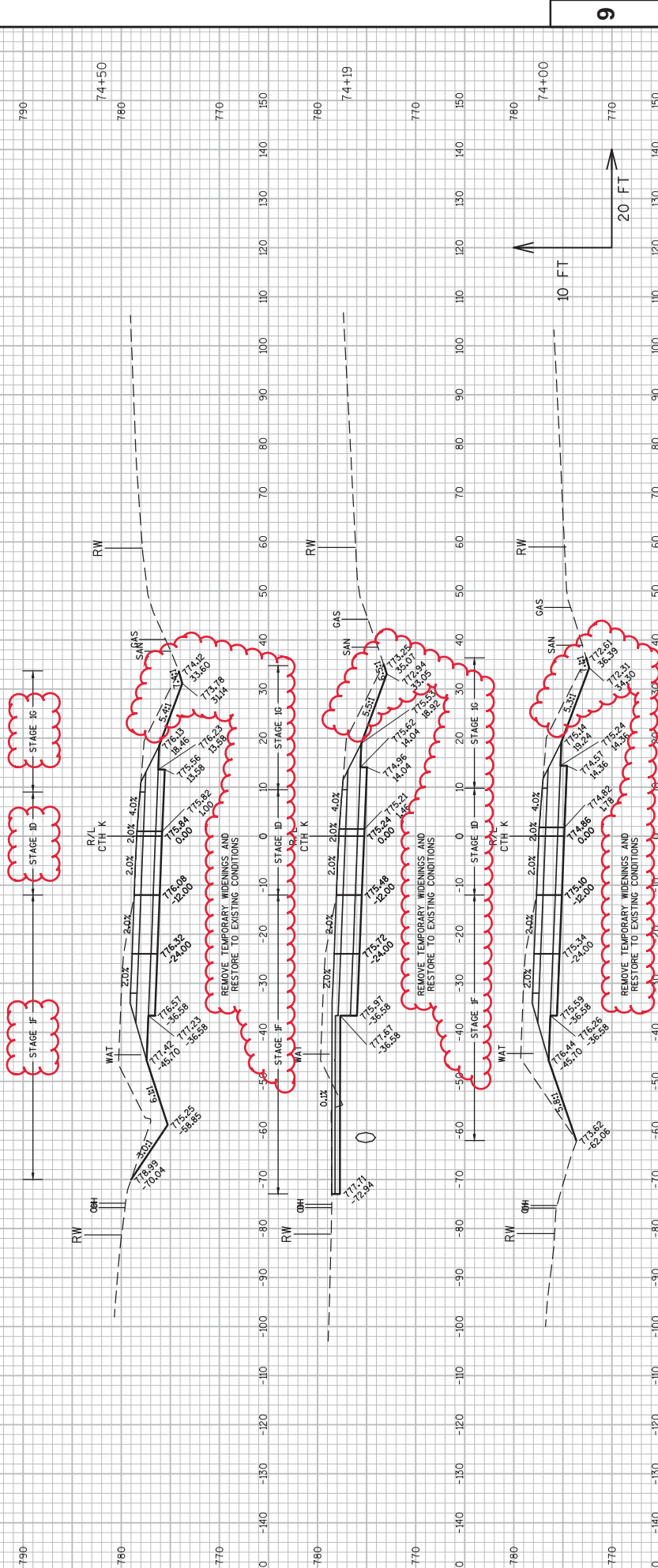
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 477
 May 16, 2017



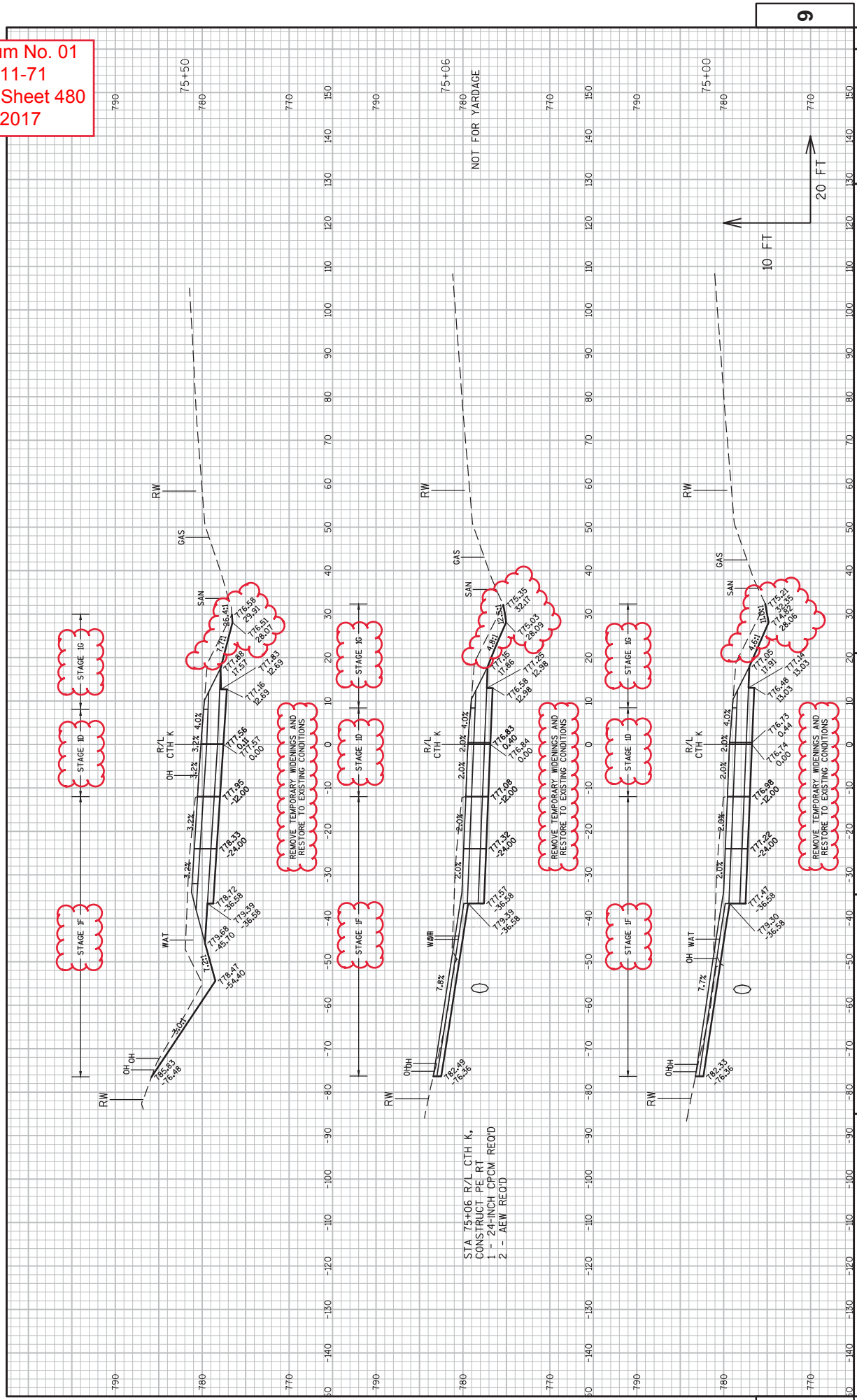
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 478
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Revised Sheet 479
 May 16, 2017

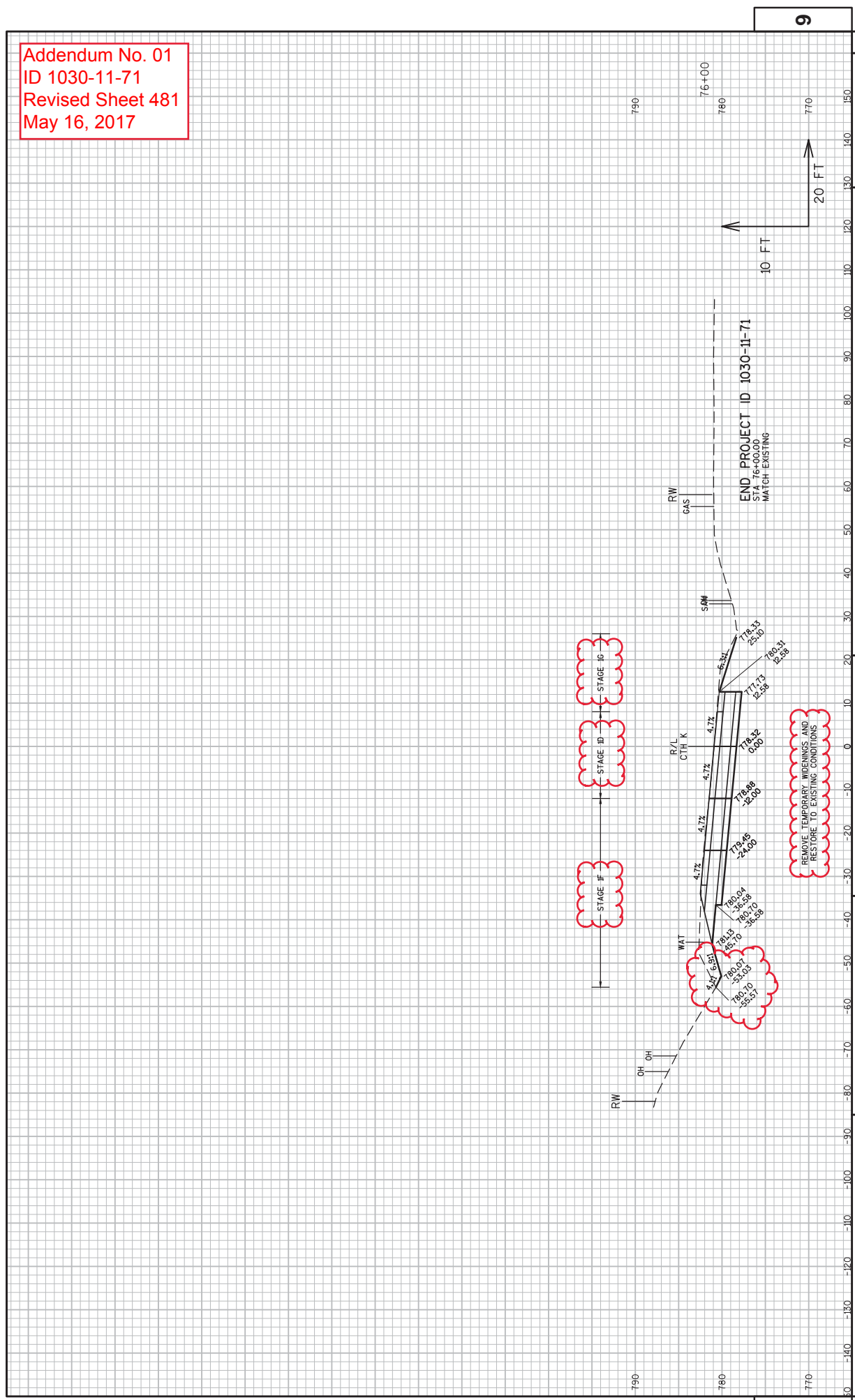


Addendum No. 01
ID 1030-11-71
Revised Sheet 480
May 16, 2017



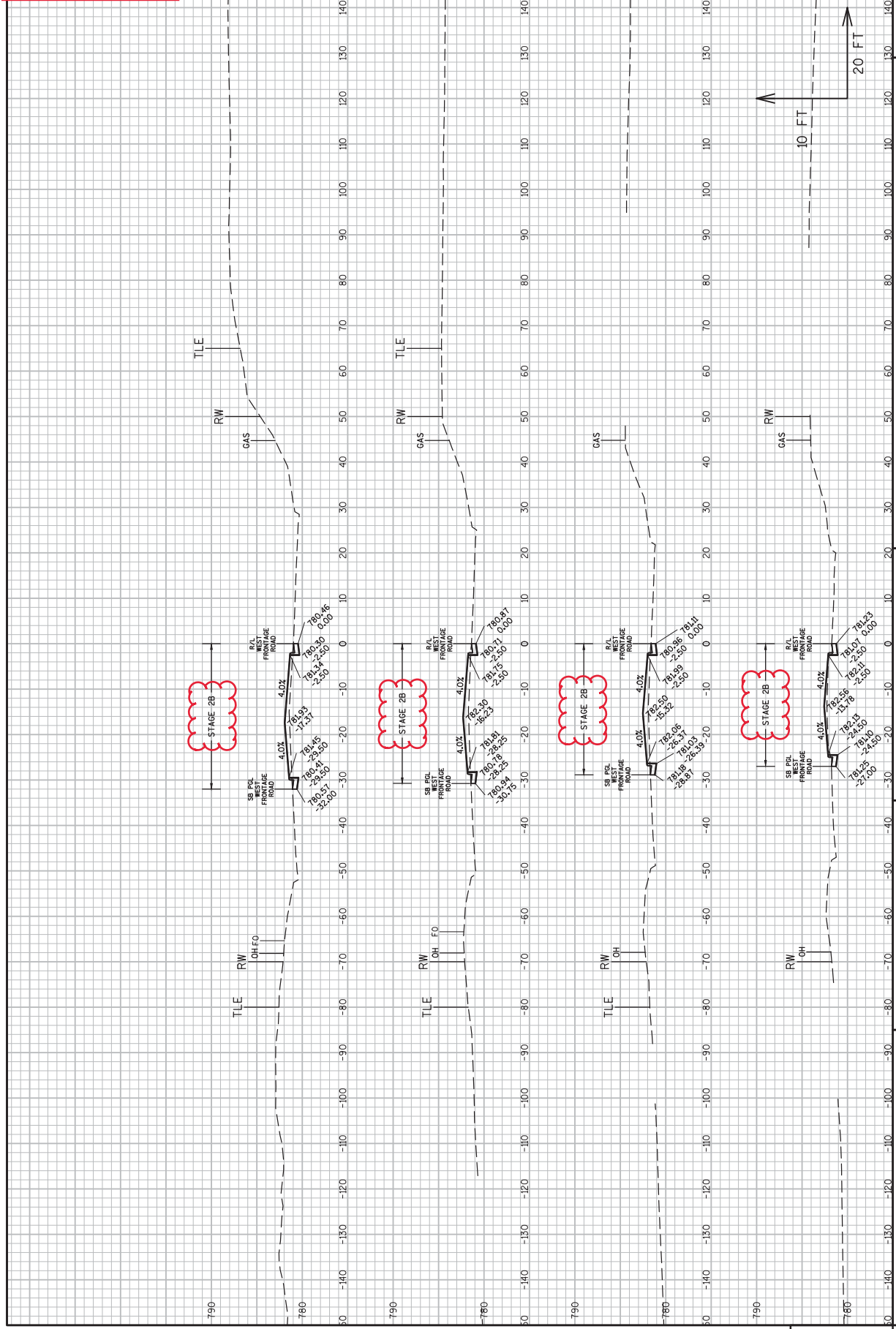
STA 75+06 R/L CTH K,
CONSTRUCT PE RT
1 - 24-INCH CPCM REQD
2 - AEW REQD

Addendum No. 01
 ID 1030-11-71
 Revised Sheet 481
 May 16, 2017

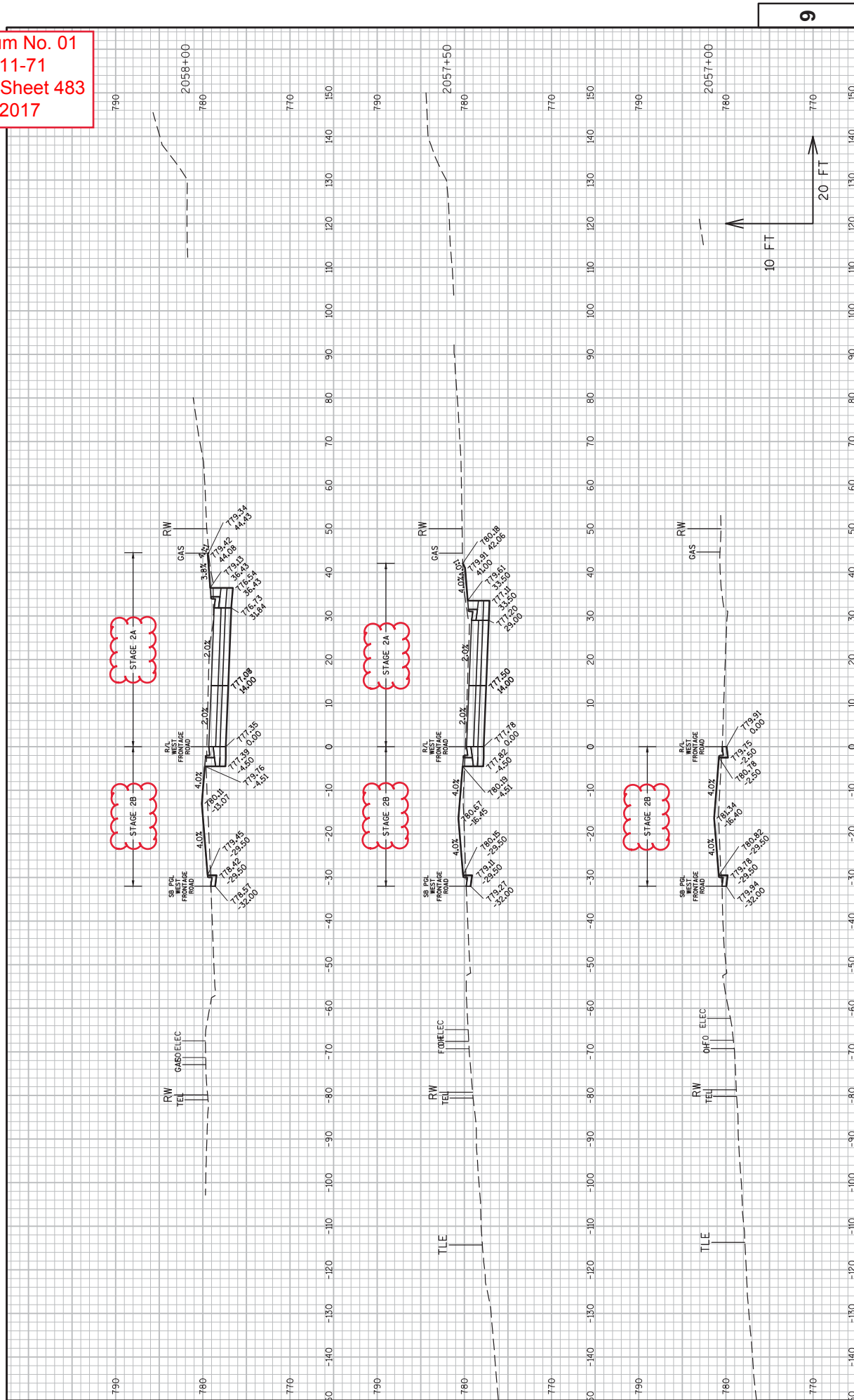


9
 PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: CTH K
 SHEET 481
 E
 FILE NAME : N:\VPOS\C3D\10301100\SHEETS\PLAN\1030-11-71\090202-XS.DWG
 LAYOUT NAME - XS 24
 PLOT DATE : 5/10/2017 2:40 PM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 PLOT SCALE : 1 IN:20 FT
 WSDOT/CADD SHEET 481

Addendum No. 01
 ID 1030-11-71
 Revised Sheet 482
 May 16, 2017

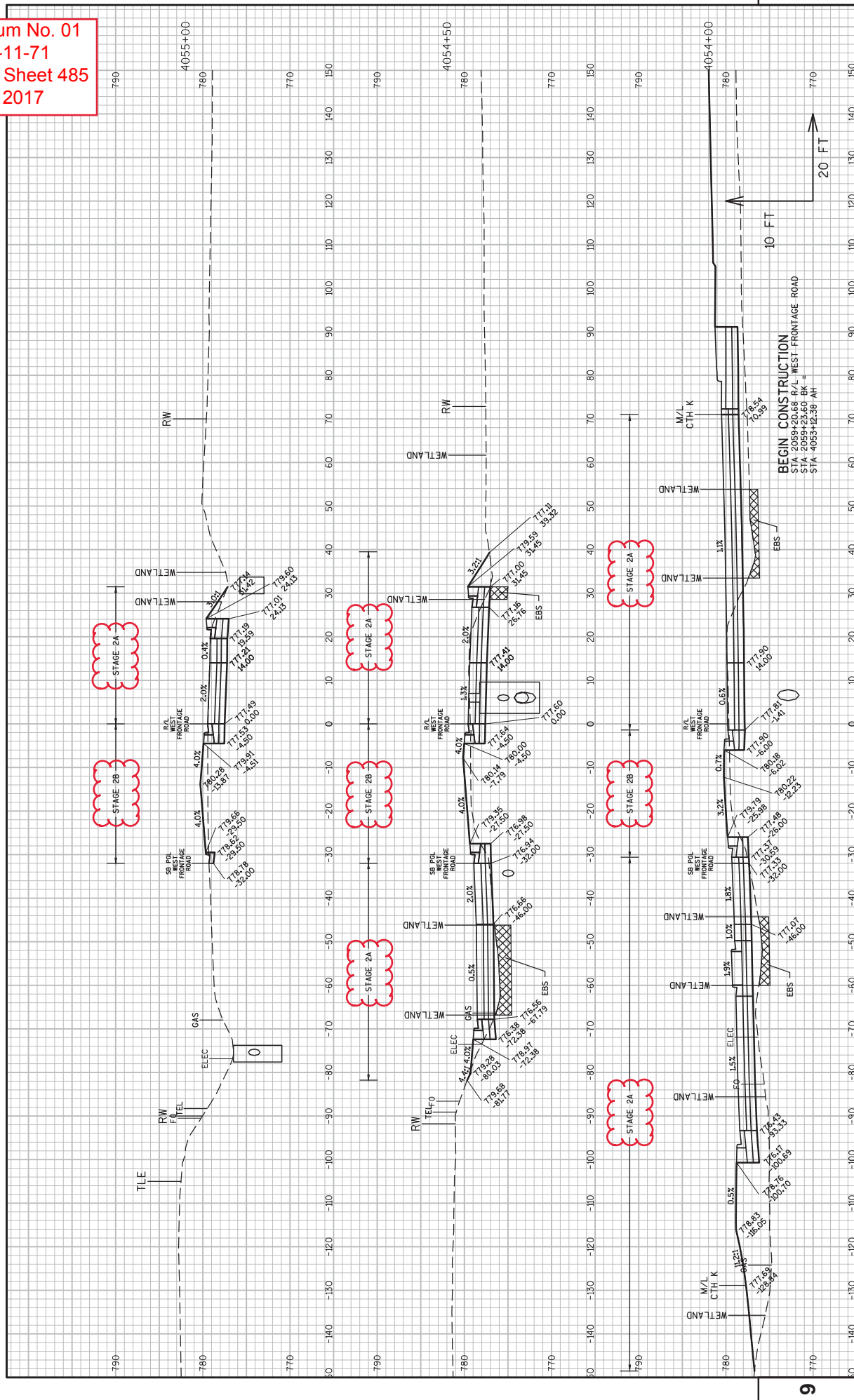


Addendum No. 01
 ID 1030-11-71
 Revised Sheet 483
 May 16, 2017

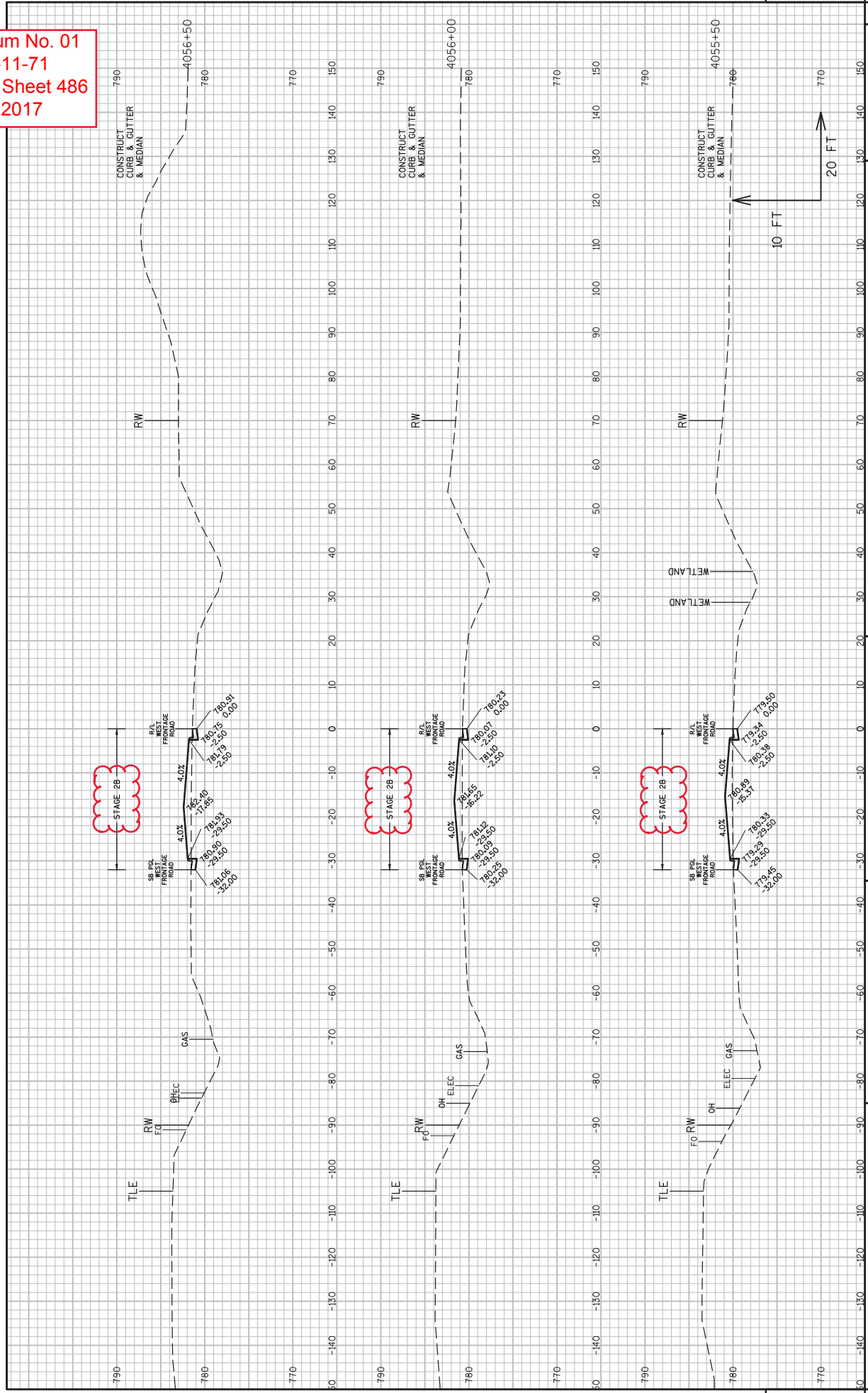


CROSS SECTIONS: WEST FRONTAGE ROAD
 COUNTY: RACINE
 HWY: IH 94/CTH K
 PROJECT NO: 1030-11-71
 SHEET 483
 PLOT SCALE: 1 IN:20 FT
 PLOT BY: JOHANSEN, AMANDA A
 PLOT NAME: COUNTY: RACINE
 PLOT DATE: 5/4/2017 11:26 AM
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 LAYOUT NAME: XS 28

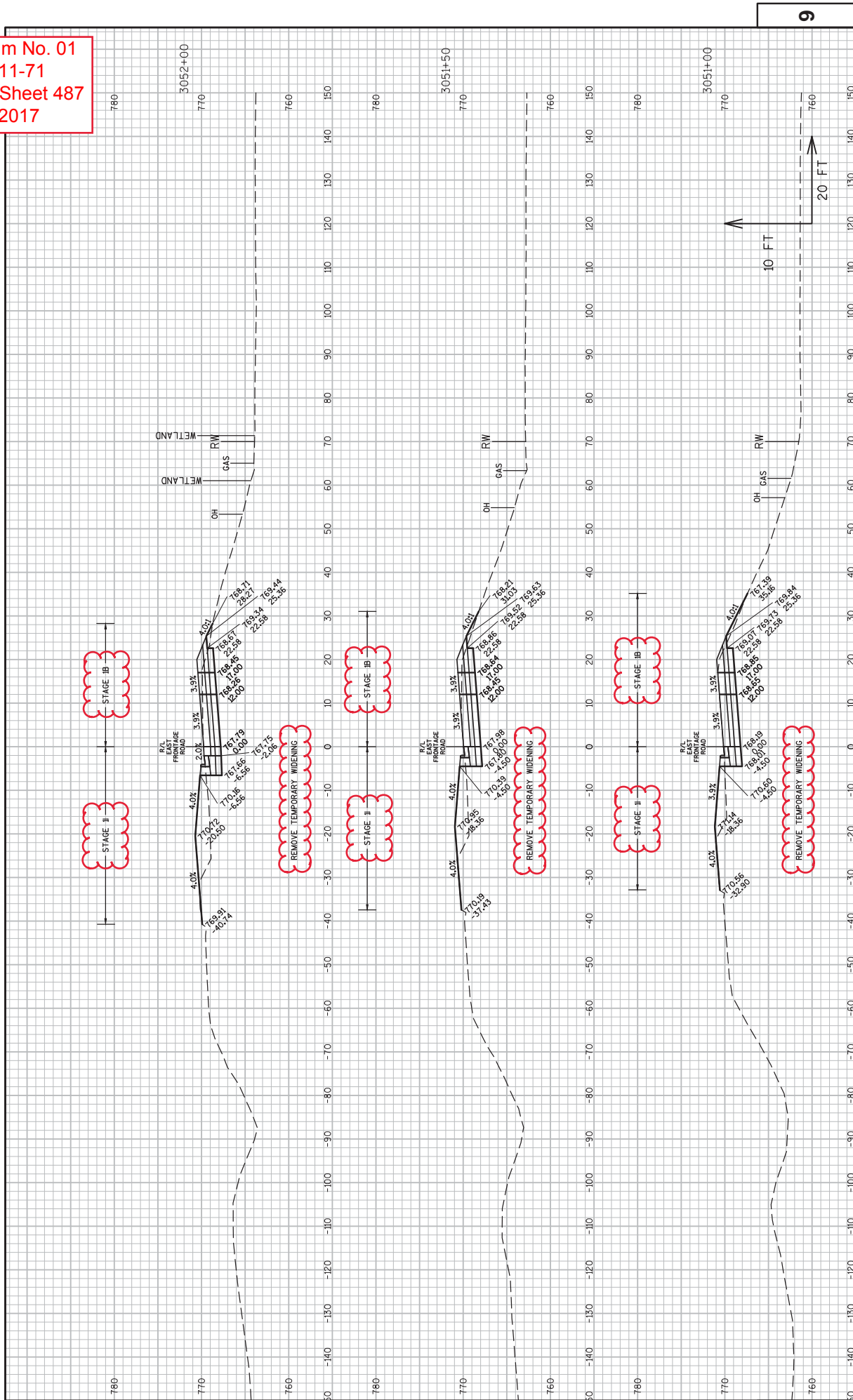
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 485
 May 16, 2017



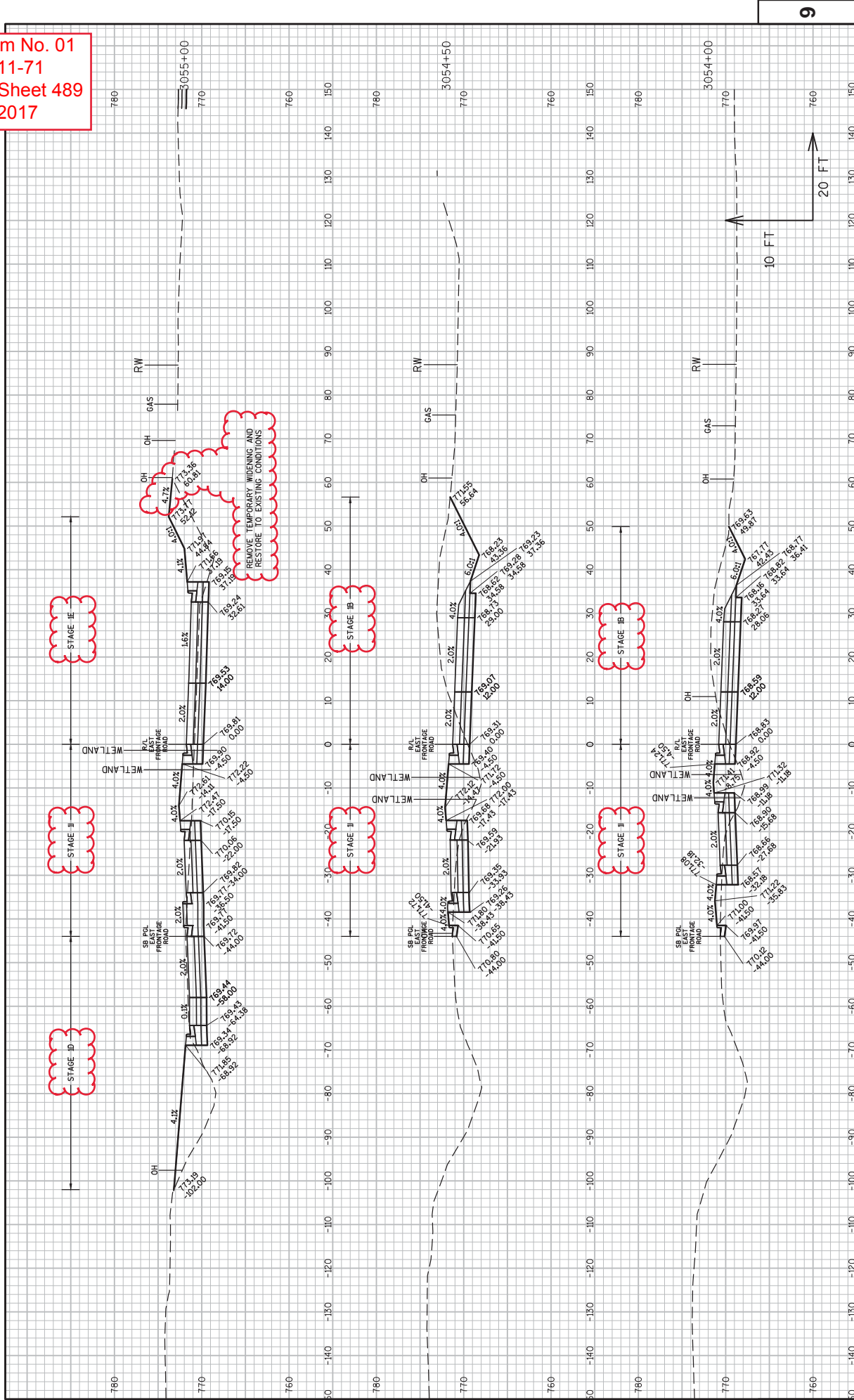
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 486
 May 16, 2017



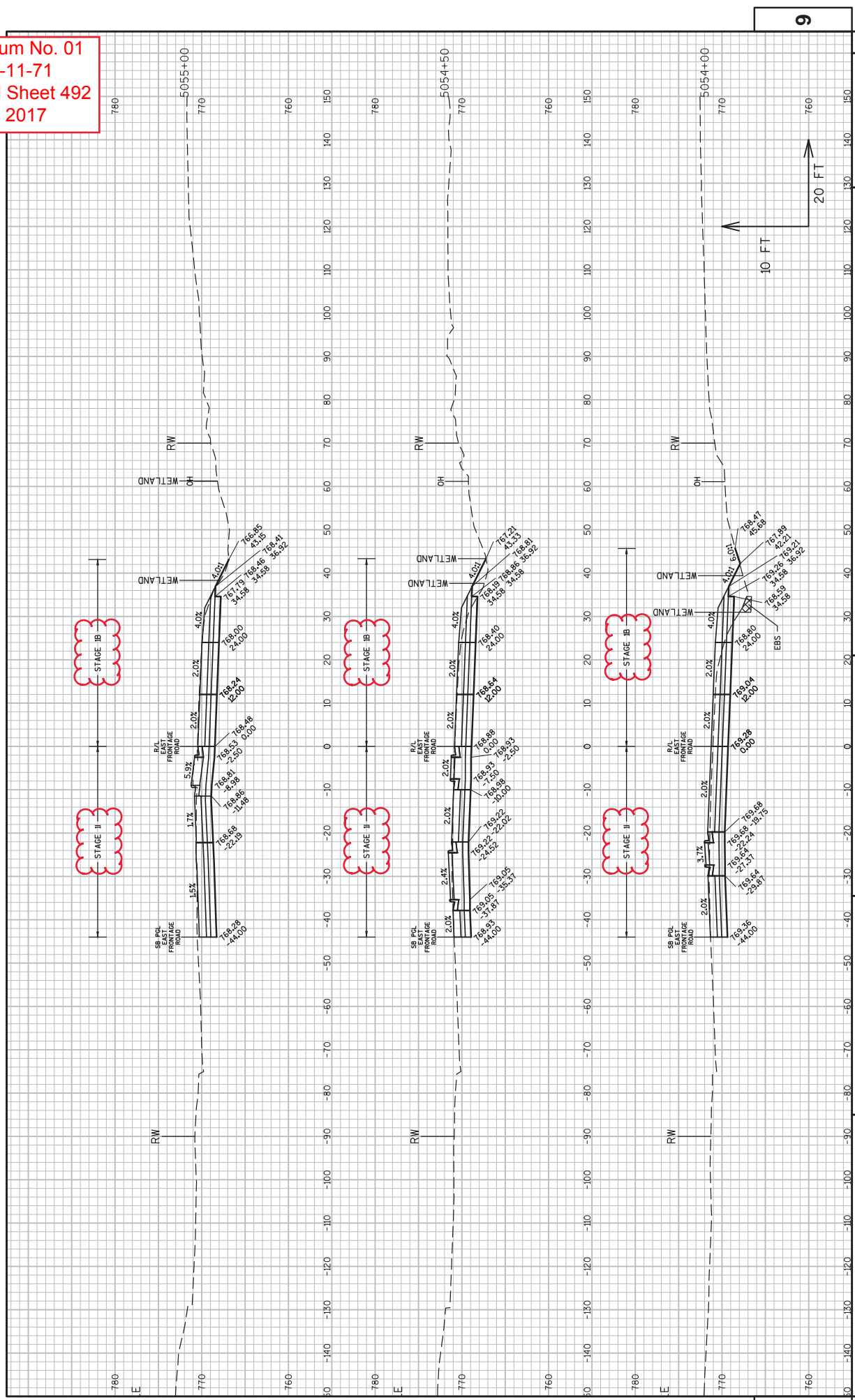
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 487
 May 16, 2017



Addendum No. 01
 ID 1030-11-71
 Revised Sheet 489
 May 16, 2017



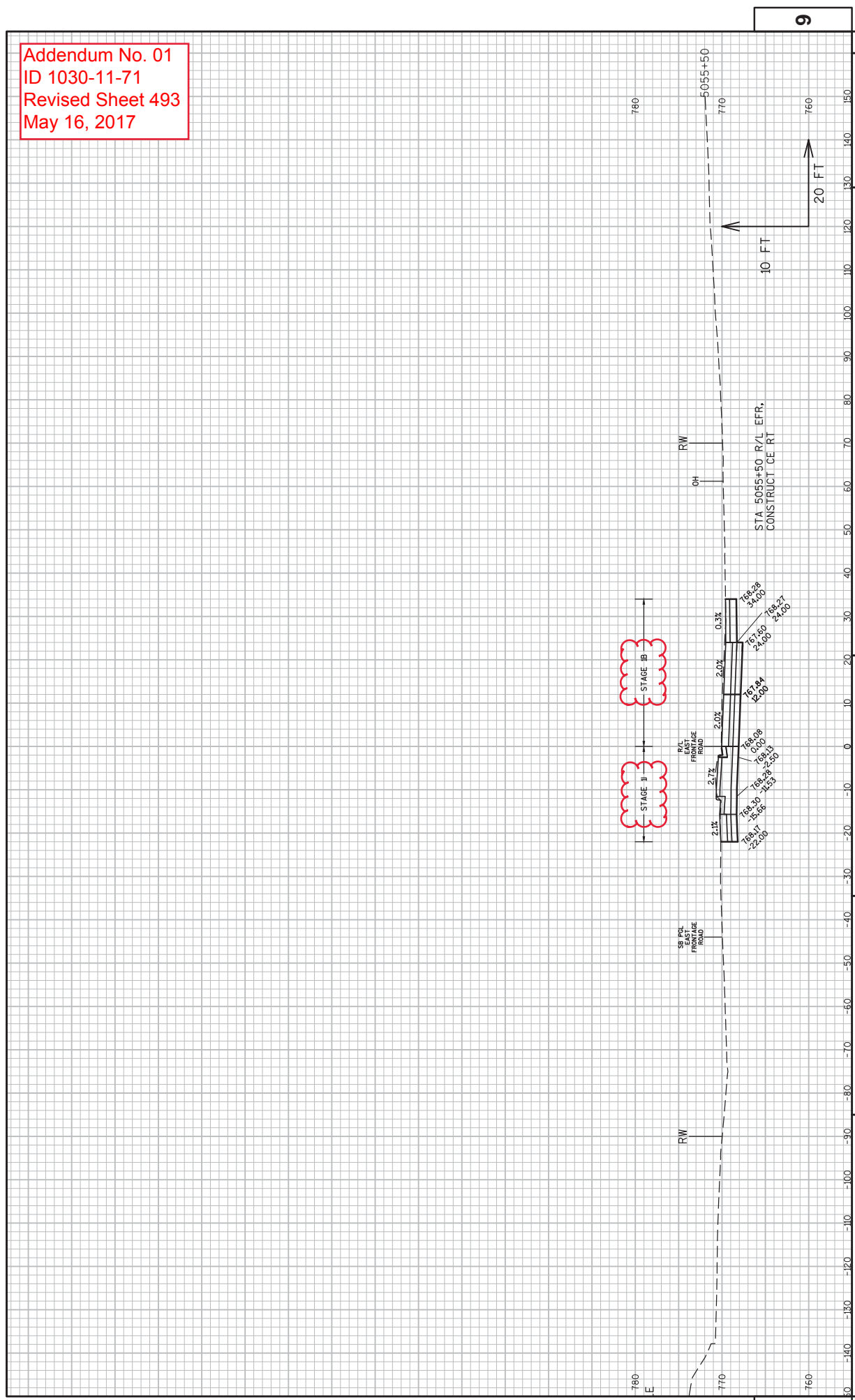
Addendum No. 01
 ID 1030-11-71
 Revised Sheet 492
 May 16, 2017



PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: EAST FRONTAGE ROAD
 SHEET 492
 E

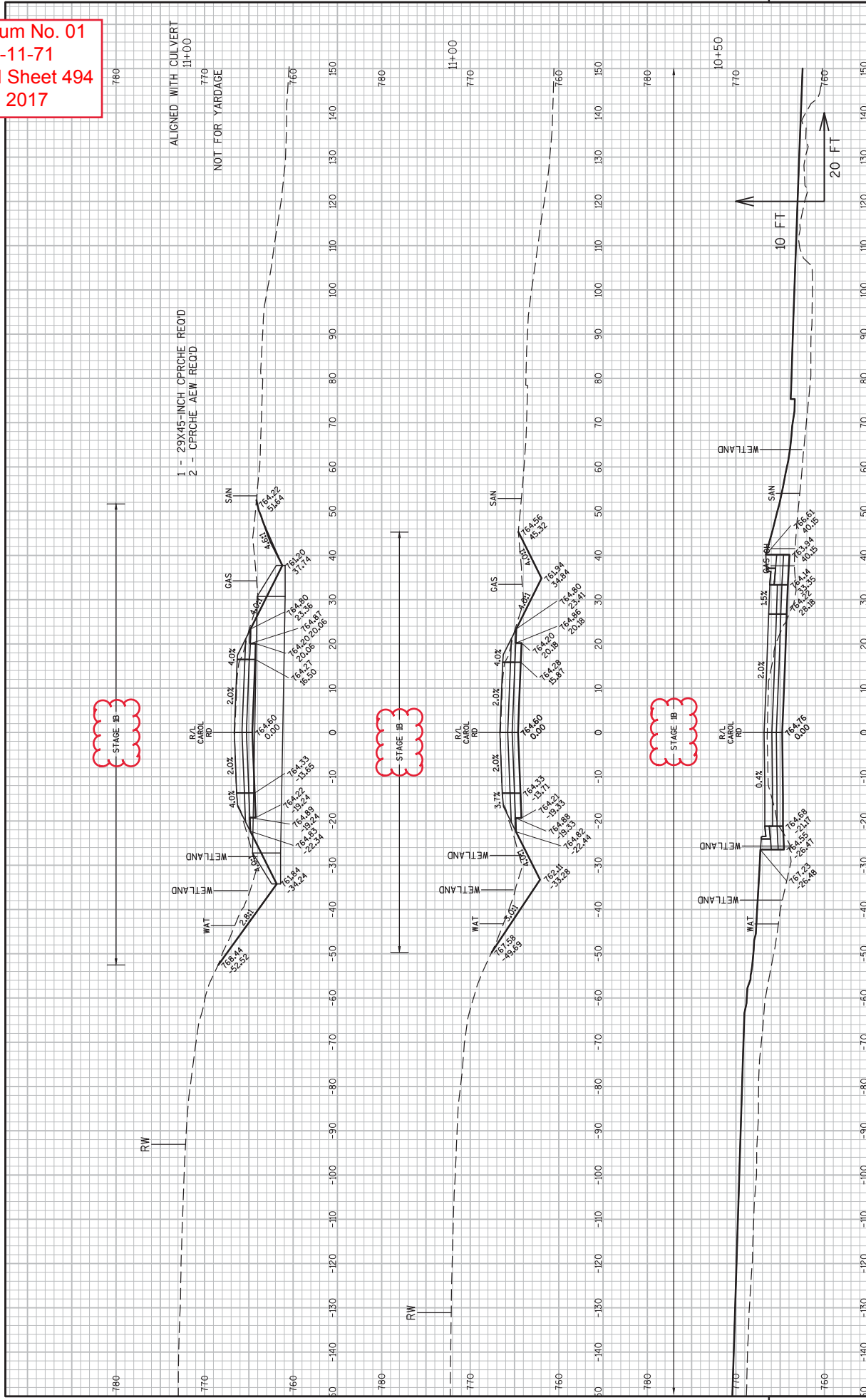
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 PLOT DATE : 5/9/2017 7:28 AM
 PLOT BY : JOHANSEN, AMANDA A
 PLOT NAME :
 PLOT SCALE : 1 IN=20 FT
 WSDOT/CADD SHEET 49

Addendum No. 01
 ID 1030-11-71
 Revised Sheet 493
 May 16, 2017



PROJECT NO: 1030-11-71
 COUNTY: RACINE
 HWY: IH 94/CTH K
 CROSS SECTIONS: EAST FRONTAGE ROAD
 SHEET 493
 E

Addendum No. 01
 ID 1030-11-71
 Revised Sheet 494
 May 16, 2017





Proposal Schedule of Items

Proposal ID: 20170613006 Project(s): 1030-11-71

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0010	108.4400 CPM Progress Schedule	1.000 EACH	_____.	_____.
0020	201.0105 Clearing	11.000 STA	_____.	_____.
0030	201.0120 Clearing	120.000 ID	_____.	_____.
0040	201.0205 Grubbing	11.000 STA	_____.	_____.
0050	201.0220 Grubbing	120.000 ID	_____.	_____.
0060	203.0100 Removing Small Pipe Culverts	21.000 EACH	_____.	_____.
0070	204.0100 Removing Pavement	14,558.000 SY	_____.	_____.
0080	204.0150 Removing Curb & Gutter	180.000 LF	_____.	_____.
0090	204.0210 Removing Manholes	3.000 EACH	_____.	_____.
0100	204.0245 Removing Storm Sewer (size) 008. 18-Inch	35.000 LF	_____.	_____.
0110	204.0245 Removing Storm Sewer (size) 014. 24x38-Inch	59.000 LF	_____.	_____.
0120	204.9060.S Removing (item description) 001. Wooden Bollards	4.000 EACH	_____.	_____.
0130	204.9060.S Removing (item description) 002. Cover Plates Left In Place	3.000 EACH	_____.	_____.
0150	205.0100 Excavation Common	64,077.000 CY	_____.	_____.
0160	213.0100 Finishing Roadway (project) 002. 1030-11-71	1.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613006 Project(s): 1030-11-71

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0170	305.0110 Base Aggregate Dense 3/4-Inch	1,166.000 TON	_____	_____
0180	305.0120 Base Aggregate Dense 1 1/4-Inch	47,556.000 TON	_____	_____
0190	310.0115 Base Aggregate Open-Graded	30.000 CY	_____	_____
0200	312.0110 Select Crushed Material	29,190.000 TON	_____	_____
0210	371.1000.S QMP Base Aggregate Dense 1 1/4-Inch Compaction	47,556.000 TON	_____	_____
0220	415.0095 Concrete Pavement 9 1/2-Inch	8,334.000 SY	_____	_____
0230	415.0105 Concrete Pavement 10 1/2-Inch	22,835.000 SY	_____	_____
0240	416.0160 Concrete Driveway 6-Inch	68.000 SY	_____	_____
0250	416.1010 Concrete Surface Drains	26.000 CY	_____	_____
0260	440.4410 Incentive IRI Ride	7,651.000 DOL	1.00000	7,651.00
0270	455.0605 Tack Coat	2,331.000 GAL	_____	_____
0280	460.2000 Incentive Density HMA Pavement	5,410.000 DOL	1.00000	5,410.00
0290	460.7223 HMA Pavement 3 HT 58-28 S	6,407.000 TON	_____	_____
0300	460.7224 HMA Pavement 4 HT 58-28 S	2,135.000 TON	_____	_____
0310	465.0120 Asphaltic Surface Driveways and Field Entrances	236.000 TON	_____	_____
0320	465.0125 Asphaltic Surface Temporary	3,636.000 TON	_____	_____



Proposal Schedule of Items

Proposal ID: 20170613006 Project(s): 1030-11-71

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0330	495.1000.S Cold patch	20.000 TON	_____.	_____.
0340	504.0900 Concrete Masonry Endwalls	3.800 CY	_____.	_____.
0350	520.1018 Apron Endwalls for Culvert Pipe 18-Inch	2.000 EACH	_____.	_____.
0360	520.1024 Apron Endwalls for Culvert Pipe 24-Inch	4.000 EACH	_____.	_____.
0370	520.1030 Apron Endwalls for Culvert Pipe 30-Inch	2.000 EACH	_____.	_____.
0380	520.1036 Apron Endwalls for Culvert Pipe 36-Inch	2.000 EACH	_____.	_____.
0390	520.3318 Culvert Pipe Class III-A 18-Inch	42.000 LF	_____.	_____.
0400	520.3324 Culvert Pipe Class III-A 24-Inch	89.000 LF	_____.	_____.
0410	520.3330 Culvert Pipe Class III-A 30-Inch	35.000 LF	_____.	_____.
0420	520.3336 Culvert Pipe Class III-A 36-Inch	77.000 LF	_____.	_____.
0430	520.8000 Concrete Collars for Pipe	5.000 EACH	_____.	_____.
0440	522.1012 Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	2.000 EACH	_____.	_____.
0450	522.1015 Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	1.000 EACH	_____.	_____.
0460	522.1036 Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	2.000 EACH	_____.	_____.
0470	523.0419 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	211.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613006 Project(s): 1030-11-71

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0480	523.0424 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	327.000 LF	_____.	_____.
0490	523.0429 Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	58.000 LF	_____.	_____.
0500	523.0519 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	4.000 EACH	_____.	_____.
0510	523.0524 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	2.000 EACH	_____.	_____.
0520	523.0529 Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	2.000 EACH	_____.	_____.
0530	601.0409 Concrete Curb & Gutter 30-Inch Type A	13,865.000 LF	_____.	_____.
0540	601.0411 Concrete Curb & Gutter 30-Inch Type D	4,155.000 LF	_____.	_____.
0550	602.0410 Concrete Sidewalk 5-Inch	60,692.000 SF	_____.	_____.
0560	602.2400 Concrete Safety Islands	3,457.000 SF	_____.	_____.
0570	606.0100 Riprap Light	57.000 CY	_____.	_____.
0580	606.0200 Riprap Medium	96.000 CY	_____.	_____.
0590	608.0312 Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	279.000 LF	_____.	_____.
0600	608.0315 Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	126.000 LF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613006 Project(s): 1030-11-71

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0610	608.0318 Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	68.000 LF	_____.	_____.
0620	608.0324 Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	1,387.000 LF	_____.	_____.
0630	608.0330 Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	651.000 LF	_____.	_____.
0640	608.0336 Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	631.000 LF	_____.	_____.
0650	608.0412 Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	1,696.000 LF	_____.	_____.
0660	608.0415 Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	140.000 LF	_____.	_____.
0670	608.0436 Storm Sewer Pipe Reinforced Concrete Class IV 36-Inch	88.000 LF	_____.	_____.
0680	608.3012 Storm Sewer Pipe Class III-A 12-Inch	61.000 LF	_____.	_____.
0690	608.3015 Storm Sewer Pipe Class III-A 15-Inch	47.000 LF	_____.	_____.
0700	610.0419 Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	282.000 LF	_____.	_____.
0710	611.0535 Manhole Covers Type J-Special	17.000 EACH	_____.	_____.
0720	611.0606 Inlet Covers Type B	2.000 EACH	_____.	_____.
0730	611.0624 Inlet Covers Type H	86.000 EACH	_____.	_____.
0740	611.0642 Inlet Covers Type MS	2.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613006 Project(s): 1030-11-71

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0750	611.2004 Manholes 4-FT Diameter	5.000 EACH	_____.	_____.
0760	611.2006 Manholes 6-FT Diameter	15.000 EACH	_____.	_____.
0770	611.2007 Manholes 7-FT Diameter	1.000 EACH	_____.	_____.
0780	611.3003 Inlets 3-FT Diameter	2.000 EACH	_____.	_____.
0790	611.3004 Inlets 4-FT Diameter	79.000 EACH	_____.	_____.
0800	611.3901 Inlets Median 1 Grate	2.000 EACH	_____.	_____.
0810	611.8115 Adjusting Inlet Covers	2.000 EACH	_____.	_____.
0820	611.8120.S Cover Plates Temporary	15.000 EACH	_____.	_____.
0830	611.9800.S Pipe Grates	6.000 EACH	_____.	_____.
0840	612.0106 Pipe Underdrain 6-Inch	815.000 LF	_____.	_____.
0850	612.0700 Drain Tile Exploration	2,000.000 LF	_____.	_____.
0860	616.0700.S Fence Safety	5,000.000 LF	_____.	_____.
0870	618.0100 Maintenance And Repair of Haul Roads (project) 002. 1030-11-71	1.000 EACH	_____.	_____.
0880	619.1000 Mobilization	1.000 EACH	_____.	_____.
0890	620.0100 Concrete Corrugated Median	1,169.000 SF	_____.	_____.
0900	620.0300 Concrete Median Sloped Nose	2,736.000 SF	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613006 Project(s): 1030-11-71

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
0910	621.0100 Landmark Reference Monuments	3.000 EACH	_____.	_____.
0920	623.0200 Dust Control Surface Treatment	63,855.000 SY	_____.	_____.
0930	624.0100 Water	841.000 MGAL	_____.	_____.
0940	625.0500 Salvaged Topsoil	48,676.000 SY	_____.	_____.
0950	627.0200 Mulching	48,676.000 SY	_____.	_____.
0960	628.1104 Erosion Bales	36.000 EACH	_____.	_____.
0970	628.1504 Silt Fence	4,845.000 LF	_____.	_____.
0980	628.1520 Silt Fence Maintenance	4,845.000 LF	_____.	_____.
0990	628.1905 Mobilizations Erosion Control	6.000 EACH	_____.	_____.
1000	628.1910 Mobilizations Emergency Erosion Control	6.000 EACH	_____.	_____.
1010	628.1920 Cleaning Sediment Basins	6.000 CY	_____.	_____.
1020	628.2004 Erosion Mat Class I Type B	61,227.000 SY	_____.	_____.
1030	628.7005 Inlet Protection Type A	108.000 EACH	_____.	_____.
1040	628.7020 Inlet Protection Type D	103.000 EACH	_____.	_____.
1050	628.7504 Temporary Ditch Checks	453.000 LF	_____.	_____.
1060	628.7555 Culvert Pipe Checks	13.000 EACH	_____.	_____.
1070	628.7560 Tracking Pads	4.000 EACH	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613006 Project(s): 1030-11-71

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1080	629.0210 Fertilizer Type B	31.000 CWT	_____.	_____.
1090	630.0130 Seeding Mixture No. 30	875.000 LB	_____.	_____.
1100	630.0200 Seeding Temporary	219.000 LB	_____.	_____.
1110	633.5200 Markers Culvert End	13.000 EACH	_____.	_____.
1120	634.0618 Posts Wood 4x6-Inch X 18-FT	153.000 EACH	_____.	_____.
1130	637.2210 Signs Type II Reflective H	943.240 SF	_____.	_____.
1140	637.2215 Signs Type II Reflective H Folding	82.160 SF	_____.	_____.
1150	637.2230 Signs Type II Reflective F	272.500 SF	_____.	_____.
1160	638.2102 Moving Signs Type II	29.000 EACH	_____.	_____.
1170	638.2602 Removing Signs Type II	74.000 EACH	_____.	_____.
1180	638.3000 Removing Small Sign Supports	109.000 EACH	_____.	_____.
1190	641.8100 Overhead Sign Support (structure) 001. S-51-217	LS	LUMP SUM	_____.
1200	641.8100 Overhead Sign Support (structure) 002. S-51-240	LS	LUMP SUM	_____.
1210	641.8100 Overhead Sign Support (structure) 003. S-51-216	LS	LUMP SUM	_____.
1220	643.0100 Traffic Control (project) 002. 1030-11-71	1.000 EACH	_____.	_____.
1230	643.0300 Traffic Control Drums	32,296.000 DAY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613006 Project(s): 1030-11-71

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1240	643.0420 Traffic Control Barricades Type III	3,896.000 DAY	_____.	_____.
1250	643.0500 Traffic Control Flexible Tubular Marker Posts	29.000 EACH	_____.	_____.
1260	643.0600 Traffic Control Flexible Tubular Marker Bases	29.000 EACH	_____.	_____.
1270	643.0705 Traffic Control Warning Lights Type A	7,792.000 DAY	_____.	_____.
1280	643.0715 Traffic Control Warning Lights Type C	9,074.000 DAY	_____.	_____.
1290	643.0900 Traffic Control Signs	7,929.000 DAY	_____.	_____.
1300	643.0910 Traffic Control Covering Signs Type I	1.000 EACH	_____.	_____.
1310	643.0920 Traffic Control Covering Signs Type II	1.000 EACH	_____.	_____.
1320	643.1000 Traffic Control Signs Fixed Message	448.000 SF	_____.	_____.
1330	643.1050 Traffic Control Signs PCMS	481.000 DAY	_____.	_____.
1340	643.2000 Traffic Control Detour (project) 001. 1030-11-71	1.000 EACH	_____.	_____.
1350	643.3000 Traffic Control Detour Signs	23,196.000 DAY	_____.	_____.
1360	645.0111 Geotextile Type DF Schedule A	4,075.000 SY	_____.	_____.
1370	645.0120 Geotextile Type HR	228.000 SY	_____.	_____.
1380	645.0130 Geotextile Type R	172.000 SY	_____.	_____.
1390	645.0220 Geogrid Type SR	65,675.000 SY	_____.	_____.



Proposal Schedule of Items

Proposal ID: 20170613006 Project(s): 1030-11-71

Federal ID(s): N/A

SECTION: 0001

Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1400	646.0103 Pavement Marking Paint 4-Inch	20,544.000 LF	_____.	_____.
1410	646.0106 Pavement Marking Epoxy 4-Inch	32,735.000 LF	_____.	_____.
1420	646.0690.S Removing Pavement Markings Water Blasting	817.000 LF	_____.	_____.
1430	646.0842.S Pavement Marking Grooved Contrast Wet Reflective Epoxy 4-Inch	4,294.000 LF	_____.	_____.
1440	646.0844.S Pavement Marking Grooved Contrast Wet Reflective Epoxy 8-Inch	7,312.000 LF	_____.	_____.
1450	647.0156 Pavement Marking Arrows Epoxy Type 1	3.000 EACH	_____.	_____.
1460	647.0166 Pavement Marking Arrows Epoxy Type 2	31.000 EACH	_____.	_____.
1470	647.0176 Pavement Marking Arrows Epoxy Type 3	1.000 EACH	_____.	_____.
1480	647.0356 Pavement Marking Words Epoxy	28.000 EACH	_____.	_____.
1490	647.0456 Pavement Marking Curb Epoxy	398.000 LF	_____.	_____.
1500	647.0566 Pavement Marking Stop Line Epoxy 18-Inch	582.000 LF	_____.	_____.
1510	647.0606 Pavement Marking Island Nose Epoxy	15.000 EACH	_____.	_____.
1520	647.0726 Pavement Marking Diagonal Epoxy 12-Inch	1,370.000 LF	_____.	_____.
1530	647.0856 Pavement Marking Concrete Corrugated Median Epoxy	328.000 SF	_____.	_____.
1540	649.0400 Temporary Pavement Marking Removable Tape 4-Inch	45,313.000 LF	_____.	_____.



Proposal Schedule of Items

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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1550	652.0225 Conduit Rigid Nonmetallic Schedule 40 2-Inch	3,908.000 LF	_____.	_____.
1560	652.0235 Conduit Rigid Nonmetallic Schedule 40 3-Inch	2,252.000 LF	_____.	_____.
1570	652.0605 Conduit Special 2-Inch	61.000 LF	_____.	_____.
1580	652.0800 Conduit Loop Detector	1,376.000 LF	_____.	_____.
1590	653.0135 Pull Boxes Steel 24x36-Inch	7.000 EACH	_____.	_____.
1600	653.0140 Pull Boxes Steel 24x42-Inch	34.000 EACH	_____.	_____.
1610	653.0905 Removing Pull Boxes	6.000 EACH	_____.	_____.
1620	654.0101 Concrete Bases Type 1	6.000 EACH	_____.	_____.
1630	654.0105 Concrete Bases Type 5	14.000 EACH	_____.	_____.
1640	654.0113 Concrete Bases Type 13	4.000 EACH	_____.	_____.
1650	654.0217 Concrete Control Cabinet Bases Type 9 Special	1.000 EACH	_____.	_____.
1660	655.0230 Cable Traffic Signal 5-14 AWG	512.000 LF	_____.	_____.
1670	655.0240 Cable Traffic Signal 7-14 AWG	1,033.000 LF	_____.	_____.
1680	655.0260 Cable Traffic Signal 12-14 AWG	3,307.000 LF	_____.	_____.
1690	655.0305 Cable Type UF 2-12 AWG Grounded	2,896.000 LF	_____.	_____.
1700	655.0515 Electrical Wire Traffic Signals 10 AWG	5,044.000 LF	_____.	_____.



Proposal Schedule of Items

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Contract Items

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1710	655.0610 Electrical Wire Lighting 12 AWG	3,960.000 LF	_____.	_____.
1720	655.0615 Electrical Wire Lighting 10 AWG	550.000 LF	_____.	_____.
1730	655.0620 Electrical Wire Lighting 8 AWG	8,880.000 LF	_____.	_____.
1740	655.0630 Electrical Wire Lighting 4 AWG	8,250.000 LF	_____.	_____.
1750	655.0700 Loop Detector Lead In Cable	6,031.000 LF	_____.	_____.
1760	655.0800 Loop Detector Wire	5,018.000 LF	_____.	_____.
1770	656.0200 Electrical Service Meter Breaker Pedestal (location) 001. CTH K & East Frontage Rd	LS	LUMP SUM	_____.
1780	657.0100 Pedestal Bases	6.000 EACH	_____.	_____.
1790	657.0255 Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	14.000 EACH	_____.	_____.
1800	657.0322 Poles Type 5-Aluminum	14.000 EACH	_____.	_____.
1810	657.0420 Traffic Signal Standards Aluminum 13-FT	2.000 EACH	_____.	_____.
1820	657.0425 Traffic Signal Standards Aluminum 15-FT	4.000 EACH	_____.	_____.
1830	657.0610 Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	24.000 EACH	_____.	_____.
1840	657.1360 Install Poles Type 13	4.000 EACH	_____.	_____.
1850	657.1545 Install Monotube Arms 45-FT	1.000 EACH	_____.	_____.



Proposal Schedule of Items

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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
1860	657.1550 Install Monotube Arms 50-FT	3.000 EACH	_____.	_____.
1870	657.1815 Install Luminaire Arms Steel 15-FT	8.000 EACH	_____.	_____.
1880	658.0110 Traffic Signal Face 3-12 Inch Vertical	12.000 EACH	_____.	_____.
1890	658.0115 Traffic Signal Face 4-12 Inch Vertical	8.000 EACH	_____.	_____.
1900	658.0215 Backplates Signal Face 3 Section 12-Inch	12.000 EACH	_____.	_____.
1910	658.0220 Backplates Signal Face 4 Section 12-Inch	8.000 EACH	_____.	_____.
1920	658.0600 Led Modules 12-Inch Red Ball	12.000 EACH	_____.	_____.
1930	658.0605 Led Modules 12-Inch Yellow Ball	12.000 EACH	_____.	_____.
1940	658.0610 Led Modules 12-Inch Green Ball	12.000 EACH	_____.	_____.
1950	658.0615 Led Modules 12-Inch Red Arrow	8.000 EACH	_____.	_____.
1960	658.0620 Led Modules 12-Inch Yellow Arrow	16.000 EACH	_____.	_____.
1970	658.0625 Led Modules 12-Inch Green Arrow	8.000 EACH	_____.	_____.
1980	658.5069 Signal Mounting Hardware (location) 001. CTH K & East Frontage Rd	LS	LUMP SUM	_____.
1990	659.1125 Luminaires Utility LED C	32.000 EACH	_____.	_____.
2000	670.0100 Field System Integrator 300. 1030-11-71 Traffic Signals	LS	LUMP SUM	_____.



Proposal Schedule of Items

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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
2010	670.0200 ITS Documentation 300. 1030-11-71 Traffic Signals	LS	LUMP SUM	_____.
2020	678.0500 Communication System Testing 300. 1030-11-71 Traffic Signals	LS	LUMP SUM	_____.
2030	690.0150 Sawing Asphalt	1,331.000 LF	_____.	_____.
2040	690.0250 Sawing Concrete	267.000 LF	_____.	_____.
2050	715.0415 Incentive Strength Concrete Pavement	9,350.000 DOL	1.00000	9,350.00
2060	SPV.0060 Special 001. Field Facilities Office Space	1.000 EACH	_____.	_____.
2070	SPV.0060 Special 005. Erosion Control Filter Bags	25.000 EACH	_____.	_____.
2080	SPV.0060 Special 010. Removing Flashing Beacon and Pole WB CTH K RT at E Frontage Road	1.000 EACH	_____.	_____.
2090	SPV.0060 Special 011. Removing Flashing Beacon and Pole WB CTH K LT at E Frontage Road	1.000 EACH	_____.	_____.
2100	SPV.0060 Special 012. Moving Flashing Beacon and Pole EB CTH K RT at W Frontage Road	1.000 EACH	_____.	_____.
2110	SPV.0060 Special 013. Moving Flashing Beacon and Pole EB CTH K LT at W Frontage Road	1.000 EACH	_____.	_____.
2120	SPV.0060 Special 030. Silt Fence Drainage Outlet Erosion Control Filter Bags	1.000 EACH	_____.	_____.
2130	SPV.0060 Special 101. Removing Lighting Units	8.000 EACH	_____.	_____.



Proposal Schedule of Items

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SECTION: 0001

Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
2140	SPV.0060 Special 102. Lamp Disposal High Intensity Discharge	8.000 EACH	_____.	_____.
2150	SPV.0060 Special 500. Adjusting Water Valves	13.000 EACH	_____.	_____.
2160	SPV.0060 Special 502. Remove And Reinstall Mailboxes	13.000 EACH	_____.	_____.
2170	SPV.0075 Special 009. Pavement Cleanup	100.000 HRS	_____.	_____.
2180	SPV.0090 Special 101. Removing Electrical Wire From Conduit	2,520.000 LF	_____.	_____.
2190	SPV.0090 Special 300. Fiber Optic Tracer Wire	936.000 LF	_____.	_____.
2200	SPV.0105 Special 002. Survey Project 1030-11-71	LS	LUMP SUM	_____.
2210	SPV.0105 Special 003. Concrete Pavement Joint Layout	LS	LUMP SUM	_____.
2220	SPV.0105 Special 101. Maintenance of Lighting System	LS	LUMP SUM	_____.
2230	SPV.0105 Special 102. Freeway Lighting Integrator Id 1030-11-71	LS	LUMP SUM	_____.
2240	SPV.0105 Special 103. Lighting System Survey	LS	LUMP SUM	_____.
2250	SPV.0105 Special 104. Temporary Mailboxes	LS	LUMP SUM	_____.
2260	SPV.0105 Special 300. Install State Furnished Traffic Signal Cabinet CTH K & East Frontage Rd	LS	LUMP SUM	_____.
2270	SPV.0105 Special 301. Transport Traffic Signal & Intersection Lighting Materials CTH K & East Frontage Rd	LS	LUMP SUM	_____.



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Contract Items

Alt Set ID:

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount
2280	SPV.0105 Special 302. Install Fiber Optic Communications in Cabinet CTH K & East Frontage Rd (CB S51-1438)	LS	LUMP SUM	_____.
2290	204.0165 Removing Guardrail	74.000 LF	_____.	_____.
2300	520.2012 Culvert Pipe Temporary 12-Inch	50.000 LF	_____.	_____.
2310	614.0345 Steel Plate Beam Guard Short Radius	74.000 LF	_____.	_____.
2320	614.0360 Steel Plate Beam Guard Temporary	308.000 LF	_____.	_____.
2330	614.0380 Steel Plate Beam Guard Energy Absorbing Terminal Temporary	2.000 EACH	_____.	_____.
2340	614.0390 Steel Plate Beam Guard Short Radius Terminal	2.000 EACH	_____.	_____.
2350	646.0123 Pavement Marking Paint 8-Inch	36.000 LF	_____.	_____.
2360	647.0563 Pavement Marking Stop Line Paint 18-Inch	270.000 LF	_____.	_____.
2370	649.0801 Temporary Pavement Marking Removable Tape 8-Inch	282.000 LF	_____.	_____.
2380	649.1200 Temporary Pavement Marking Stop Line Removable Tape 18-Inch	543.000 LF	_____.	_____.
2390	649.1800 Temporary Pavement Marking Arrows Removable Tape	1.000 EACH	_____.	_____.
2400	649.2000 Temporary Pavement Marking Words Removable Tape	1.000 EACH	_____.	_____.
Section: 0001			Total:	_____.
			Total Bid:	_____.