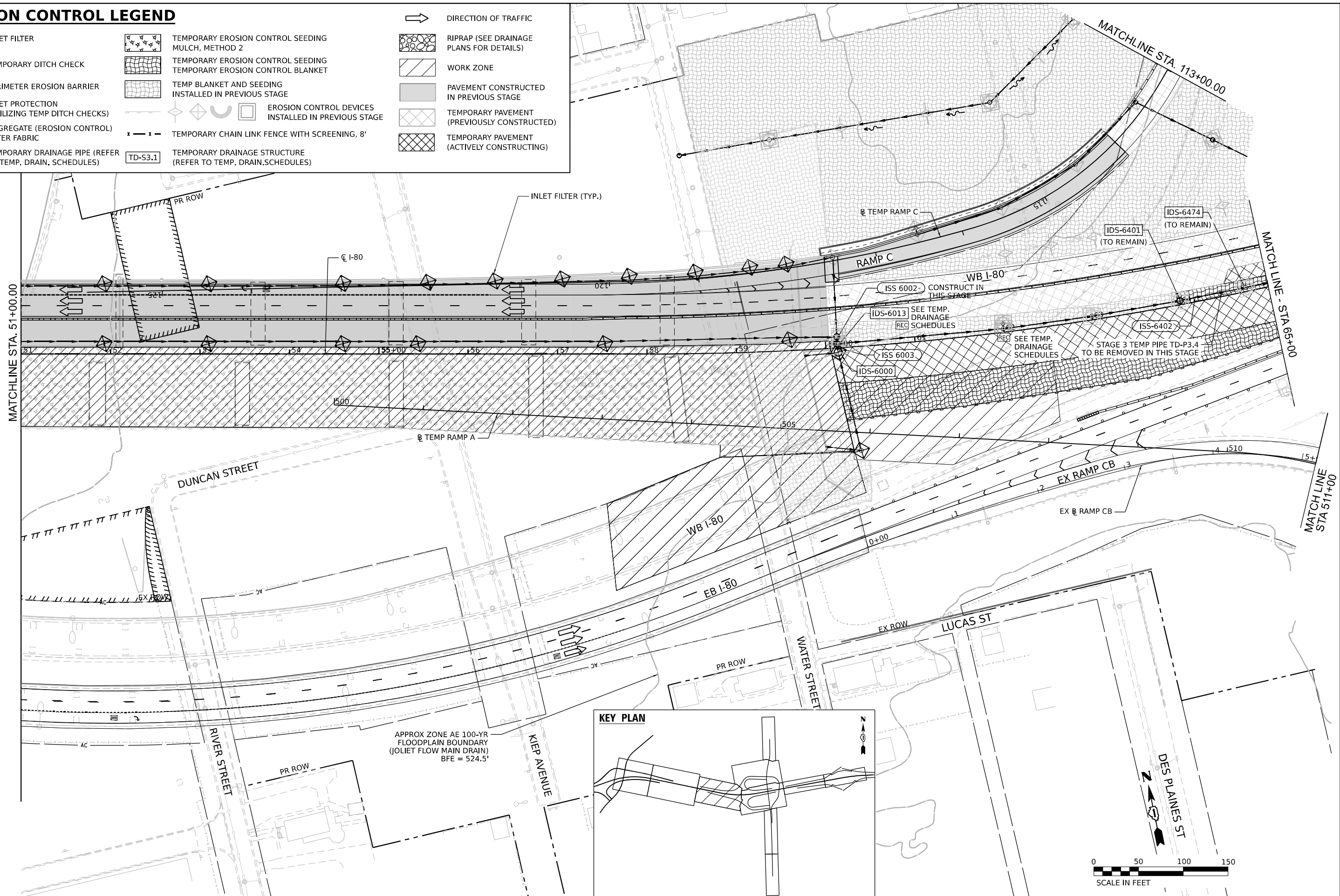


# EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- AGGREGATE (EROSION CONTROL) FILTER FABRIC
- TEMPORARY DRAINAGE PIPE (REFER TO TEMP. DRAIN. SCHEDULES)
- TEMPORARY DRAINAGE STRUCTURE (REFER TO TEMP. DRAIN. SCHEDULES)
- TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMP BLANKET AND SEEDING INSTALLED IN PREVIOUS STAGE
- EROSION CONTROL DEVICES INSTALLED IN PREVIOUS STAGE
- TEMPORARY CHAIN LINK FENCE WITH SCREENING, 8'
- RIPRAP (SEE DRAINAGE PLANS FOR DETAILS)
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT (PREVIOUSLY CONSTRUCTED)
- TEMPORARY PAVEMENT (ACTIVELY CONSTRUCTING)
- DIRECTION OF TRAFFIC



MODEL: D:\full\...  
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 PROJECT: ...  
 DATE: 11/7/2025



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DRAWN - XL	REVISOR -	REVISED -
CHECKED - KS	REVISOR -	REVISED -
DATE - 11/7/2025	REVISOR -	REVISED -

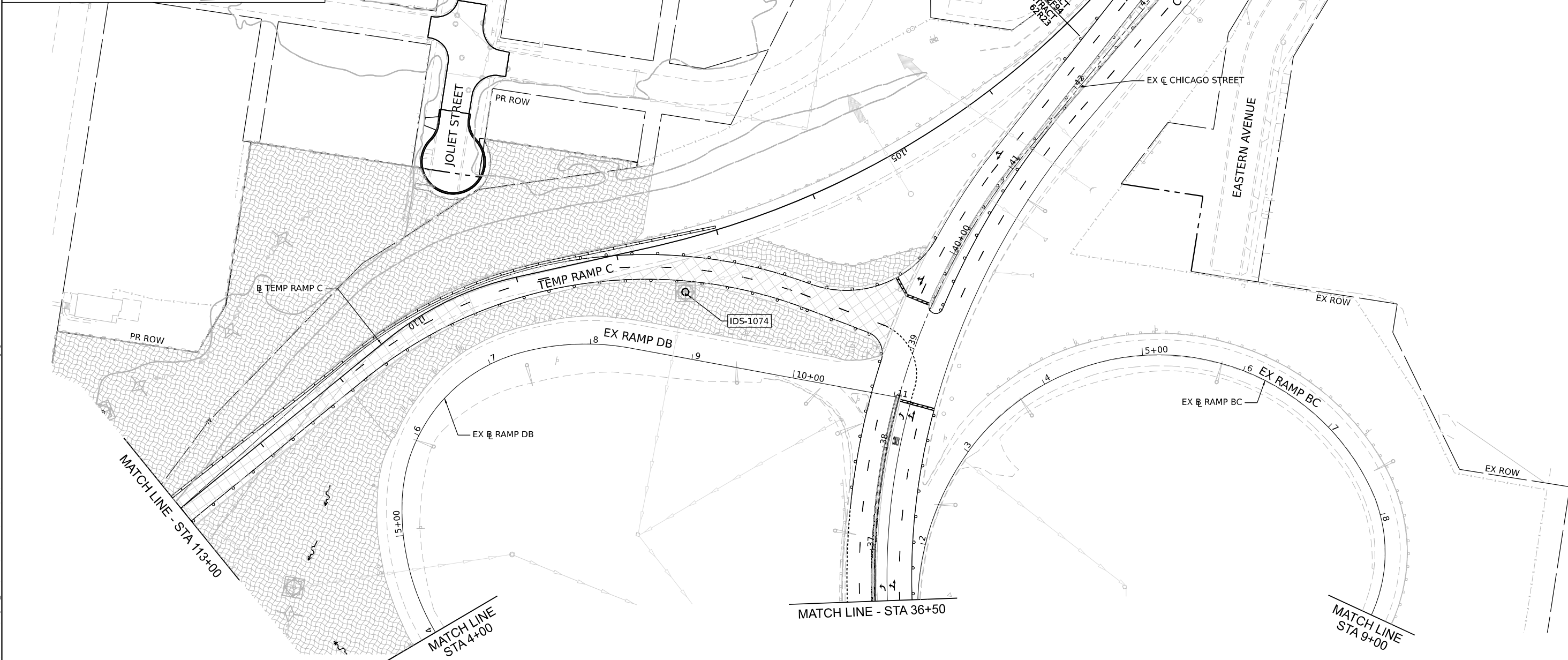
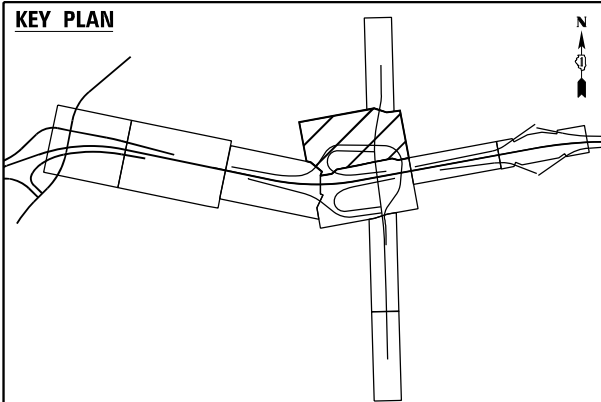
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DRAWN - XL	REVISOR -
CHECKED - KS	REVISOR -
DATE - 11/7/2025	REVISOR -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL PLAN	
STAGE 4	
SCALE: 1" = 50'	SHEET 3 OF 5 SHEETS
STA.	TO STA.

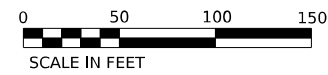
F.A.I. R.T.E. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 301
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

KEY PLAN



**EROSION CONTROL LEGEND**

- |  |  |  |  |  |   |  |   |
|--|--|--|--|--|---|--|---|
|  | INLET FILTER                                   |  | TEMPORARY DRAINAGE PIPE (REFER TO TEMP. DRAIN. SCHEDULES)      |  | WORK ZONE                                   |  | TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2                   |
|  | TEMPORARY DITCH CHECK                          |  | TEMPORARY DRAINAGE STRUCTURE (REFER TO TEMP. DRAIN. SCHEDULES) |  | PAVEMENT CONSTRUCTED IN PREVIOUS STAGE      |  | TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET |
|  | PERIMETER EROSION BARRIER                      |  | AGGREGATE (EROSION CONTROL) FILTER FABRIC                      |  | TEMPORARY PAVEMENT (PREVIOUSLY CONSTRUCTED) |  | RIPRAP (SEE DRAINAGE PLANS FOR DETAILS)                             |
|  | TEMPORARY CHAIN LINK FENCE WITH SCREENING, 8'  |  | EROSION CONTROL DEVICES INSTALLED IN PREVIOUS STAGE            |  | TEMPORARY PAVEMENT (ACTIVELY CONSTRUCTING)  |  | TEMP BLANKET AND SEEDING INSTALLED IN PREVIOUS STAGE                |
|  | INLET PROTECTION (UTILIZING TEMP DITCH CHECKS) |  |  |  | DIRECTION OF TRAFFIC                        |  |   |



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 PROJECT: ...  
 DATE: 11/5/2025



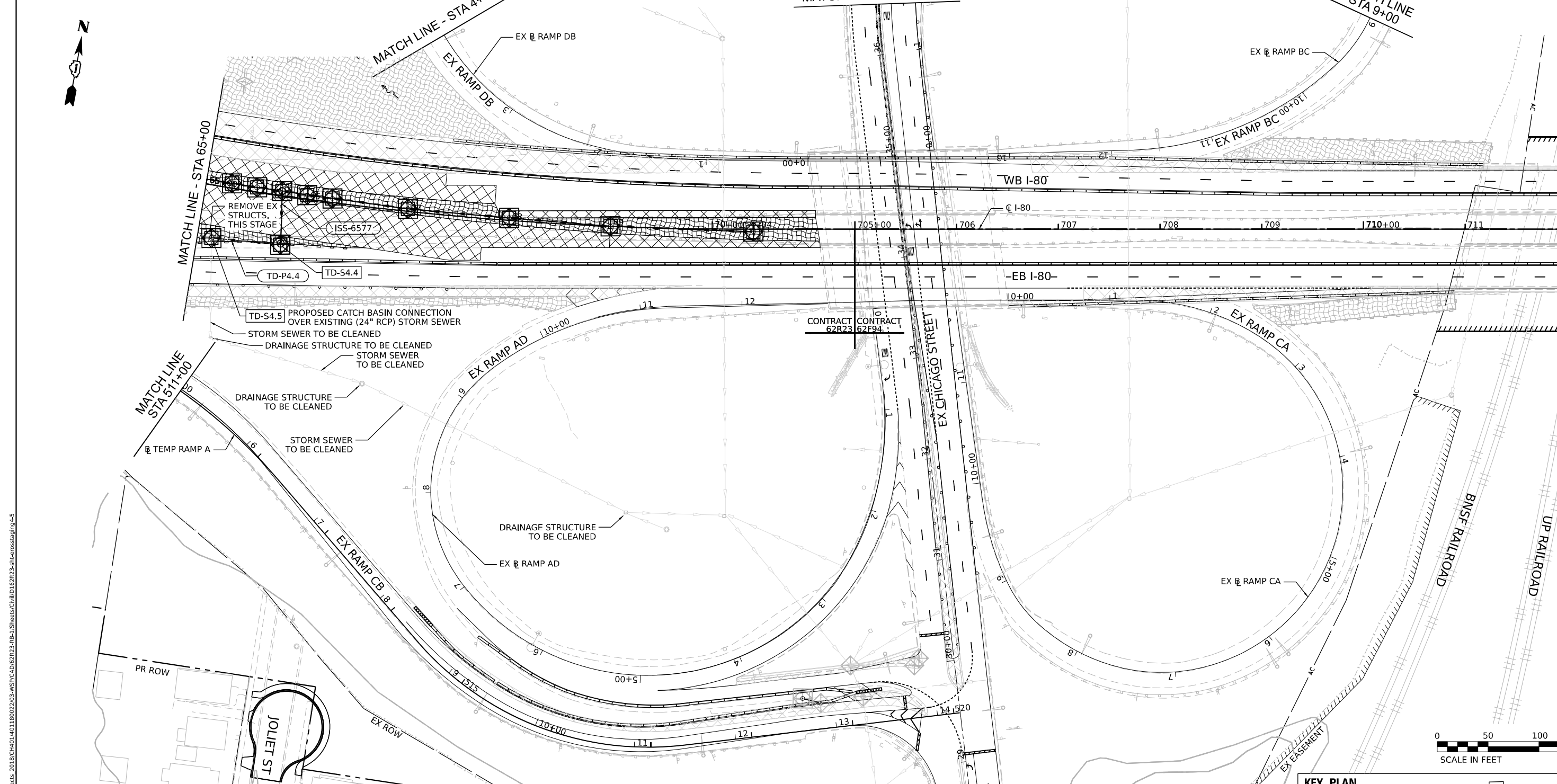
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PLOT DATE = 11/5/2025	DATE - 11/7/2025	REVISIONS -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN  
STAGE 4**

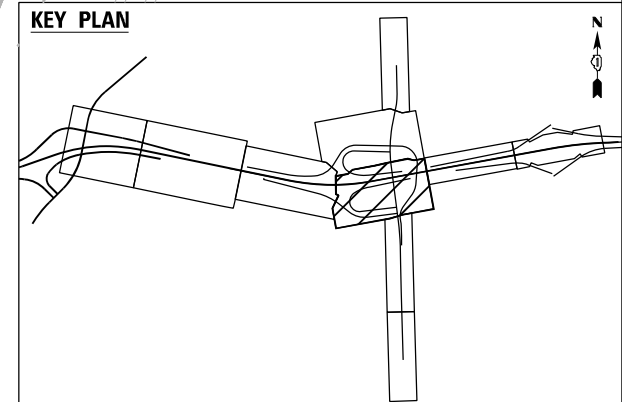
SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 302
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	



**EROSION CONTROL LEGEND**

- |  |   |  |  |  |   |
|--|---|--|--|--|---|
|  | INLET FILTER  |  | TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2                      |  | DIRECTION OF TRAFFIC                        |
|  | TEMPORARY DITCH CHECK   |  | TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET    |  | WORK ZONE                                   |
|  | PERIMETER EROSION BARRIER   |  | TEMP BLANKET AND SEEDING INSTALLED IN PREVIOUS STAGE                   |  | PAVEMENT CONSTRUCTED IN PREVIOUS STAGE      |
|  | INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)                    |  | EROSION CONTROL DEVICES INSTALLED IN PREVIOUS STAGE                    |  | TEMPORARY PAVEMENT (PREVIOUSLY CONSTRUCTED) |
|  | AGGREGATE (EROSION CONTROL) FILTER FABRIC                         |  | TEMPORARY CHAIN LINK FENCE WITH SCREENING, 8'                          |  | TEMPORARY PAVEMENT (ACTIVELY CONSTRUCTING)  |
|  | TD-P3.1 TEMPORARY DRAINAGE PIPE (REFER TO TEMP. DRAIN. SCHEDULES) |  | TD-S3.1 TEMPORARY DRAINAGE STRUCTURE (REFER TO TEMP. DRAIN. SCHEDULES) |  |   |



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 PROJECTS: 2018\CH4011401180022703-MS9\CAD\62R23\_BB-1\Sheet\Civil\62R23-eh-erosionplan-5



WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-8150

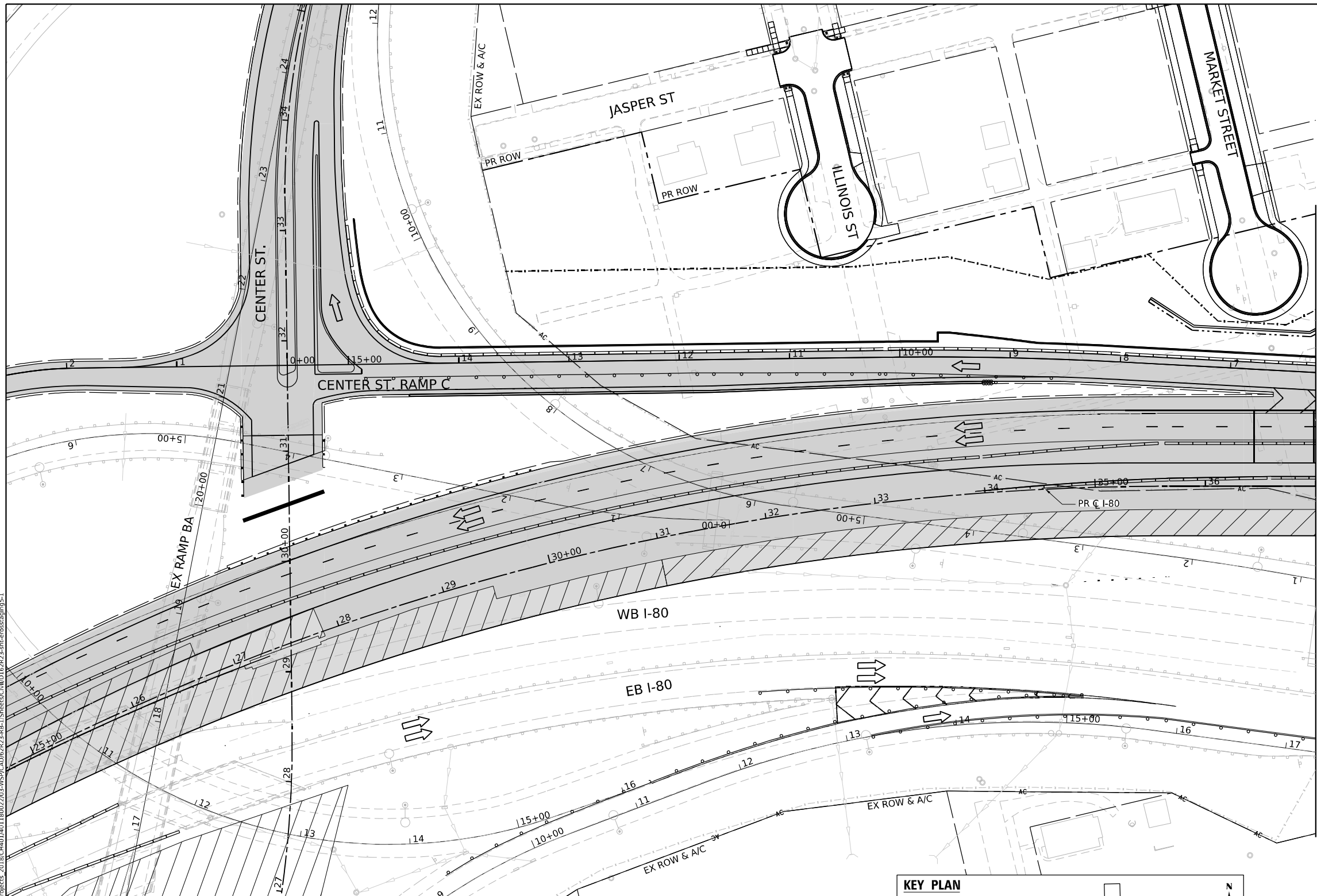
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	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN  
STAGE 4**

SCALE: 1" = 50' SHEET 5 OF 5 SHEETS STA. TO STA.

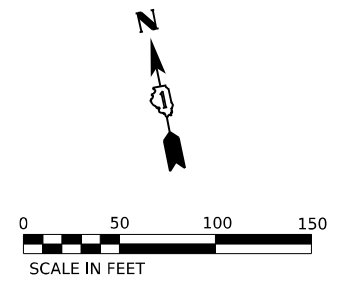
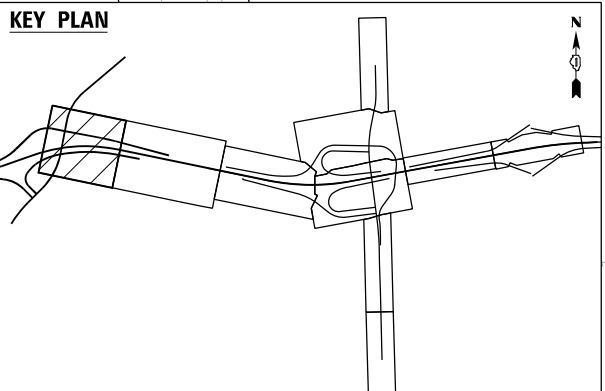
F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 303
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R23	



MATCHLINE STA. 37+00.00

**EROSION CONTROL LEGEND**

- |  |   |  |   |  |   |
|--|---|--|---|--|---|
|  | INLET FILTER  |  | TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2                   |  | DIRECTION OF TRAFFIC                        |
|  | TEMPORARY DITCH CHECK                                     |  | TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET |  | RIPRAP (SEE DRAINAGE PLANS FOR DETAILS)     |
|  | PERIMETER EROSION BARRIER                                 |  | TEMP BLANKET AND SEEDING INSTALLED IN PREVIOUS STAGE                |  | WORK ZONE                                   |
|  | INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)            |  | EROSION CONTROL DEVICES INSTALLED IN PREVIOUS STAGE                 |  | PAVEMENT CONSTRUCTED IN PREVIOUS STAGE      |
|  | AGGREGATE (EROSION CONTROL) FILTER FABRIC                 |  | TEMPORARY CHAIN LINK FENCE WITH SCREENING, 8'                       |  | TEMPORARY PAVEMENT (PREVIOUSLY CONSTRUCTED) |
|  | TEMPORARY DRAINAGE PIPE (REFER TO TEMP. DRAIN. SCHEDULES) |  | TEMPORARY DRAINAGE STRUCTURE (REFER TO TEMP. DRAIN. SCHEDULES)      |  | TEMPORARY PAVEMENT (ACTIVELY CONSTRUCTING)  |



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USER NAME = USGP718052	DESIGNED - DB	REVISED -
30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-8150	DRAWN - XL	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - KS	REVISED -
PLOT DATE = 11/5/2025	DATE - 11/7/2025	REVISED -



















**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

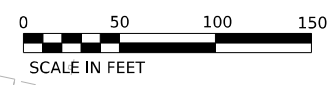
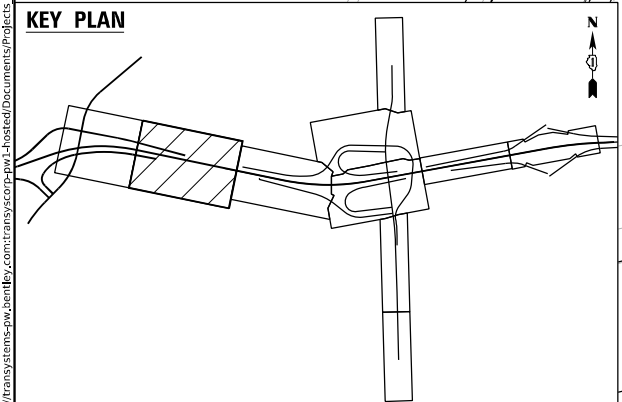
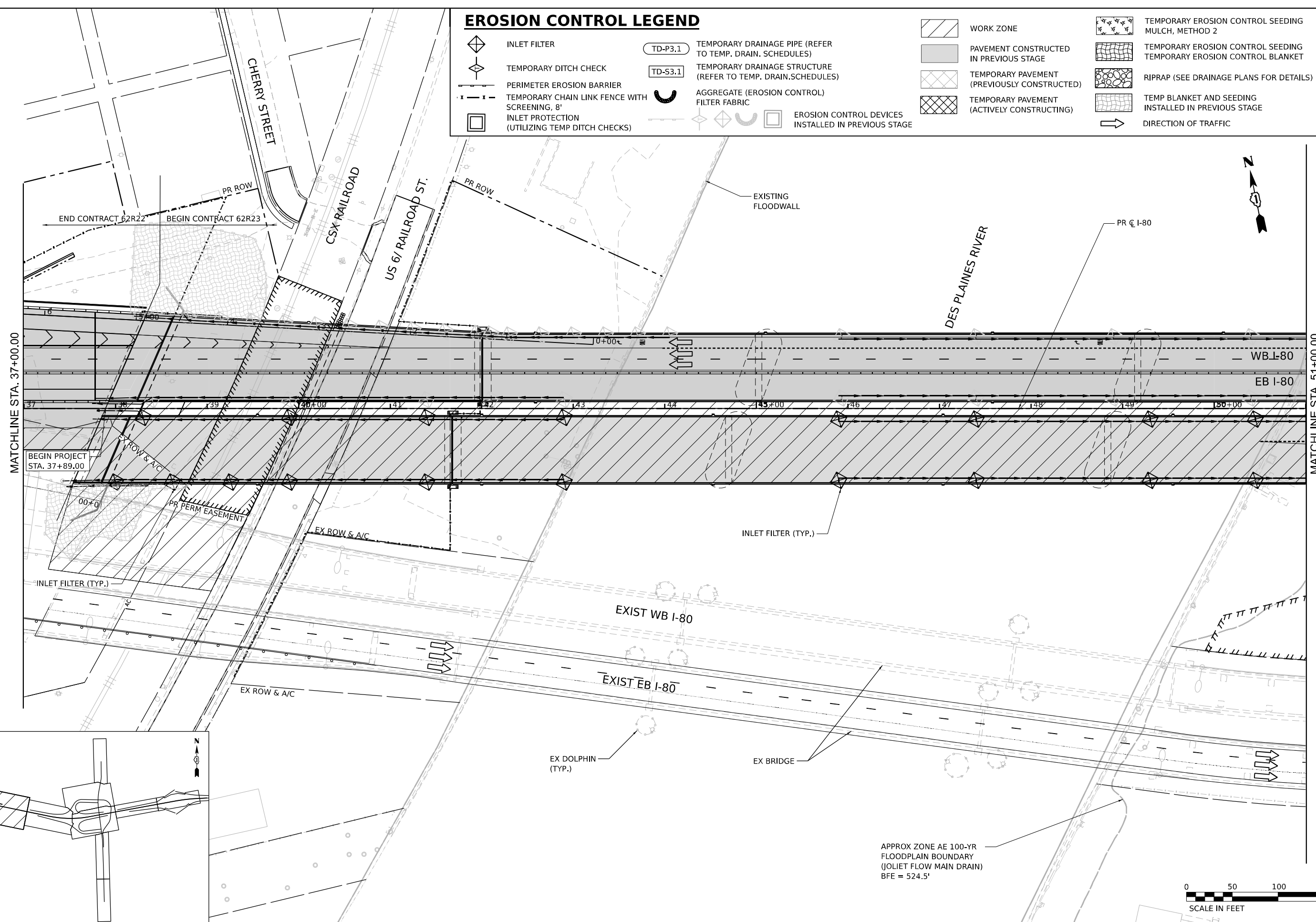
**EROSION CONTROL PLAN  
STAGE 5**

SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	304
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

### EROSION CONTROL LEGEND

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  TEMPORARY CHAIN LINK FENCE WITH SCREENING, 8'
-  INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
-  TD-P3.1 TEMPORARY DRAINAGE PIPE (REFER TO TEMP. DRAIN. SCHEDULES)
-  TD-S3.1 TEMPORARY DRAINAGE STRUCTURE (REFER TO TEMP. DRAIN. SCHEDULES)
-  AGGREGATE (EROSION CONTROL) FILTER FABRIC
-  EROSION CONTROL DEVICES INSTALLED IN PREVIOUS STAGE
-  WORK ZONE
-  PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
-  TEMPORARY PAVEMENT (PREVIOUSLY CONSTRUCTED)
-  TEMPORARY PAVEMENT (ACTIVELY CONSTRUCTING)
-  TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
-  RIPRAP (SEE DRAINAGE PLANS FOR DETAILS)
-  TEMP BLANKET AND SEEDING INSTALLED IN PREVIOUS STAGE
-  DIRECTION OF TRAFFIC



**wsp**  
 WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-8150

USER NAME = USGP718052	DESIGNED - DB	REVISED -
DRAWN - XL	REVISOR -	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - KS	REVISED -
PLOT DATE = 11/5/2025	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

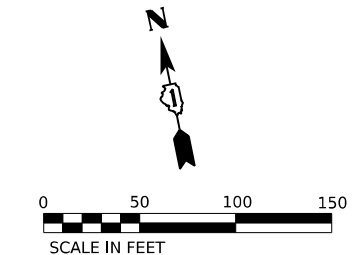
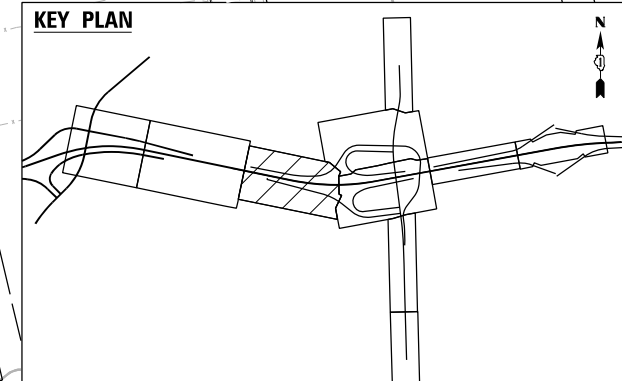
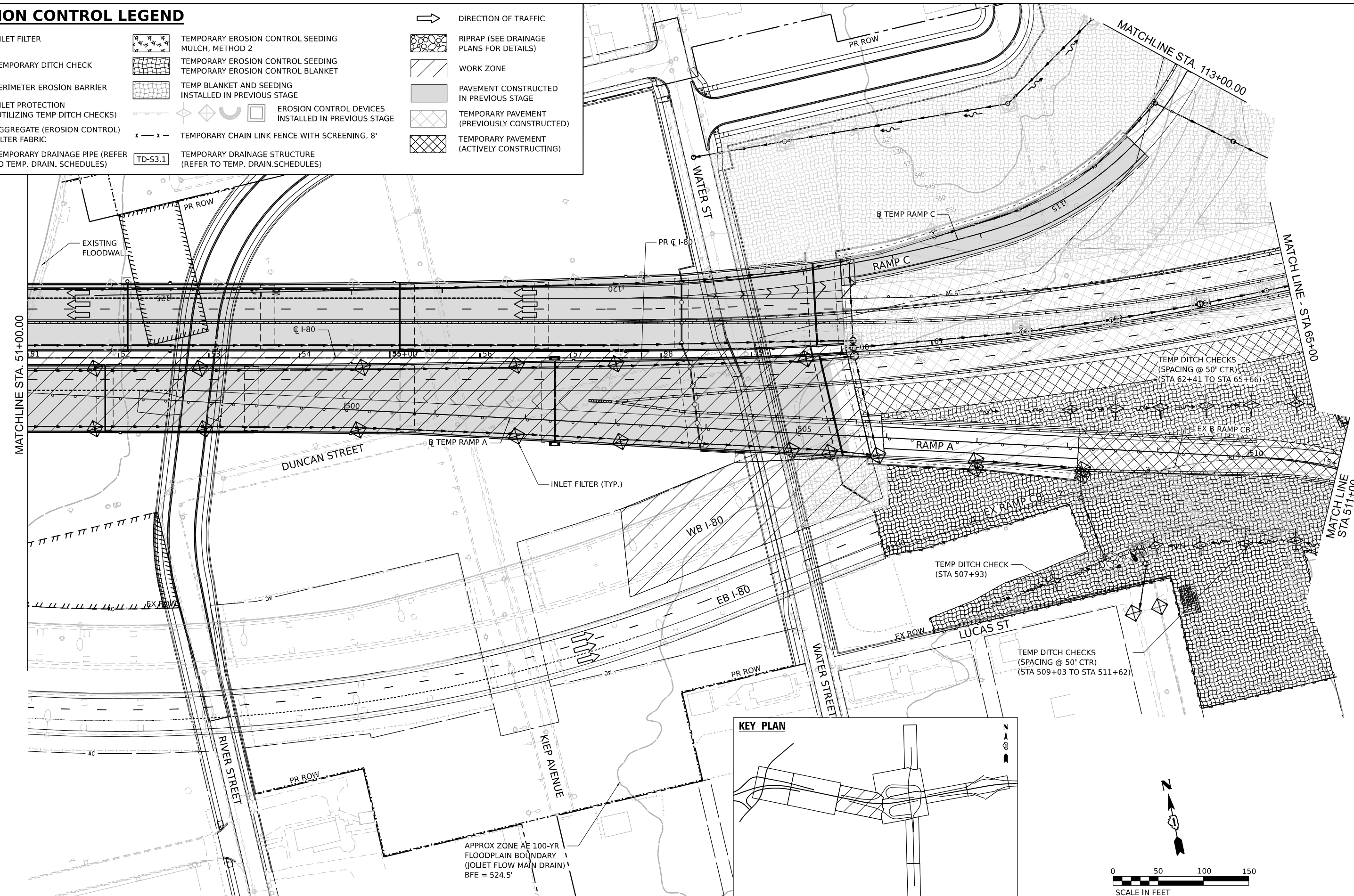
<b>EROSION CONTROL PLAN</b>	
<b>STAGE 5</b>	
SCALE: 1" = 50'	SHEET 2 OF 5 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	305
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

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# EROSION CONTROL LEGEND

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
- AGGREGATE (EROSION CONTROL) FILTER FABRIC
- TD-P3.1 TEMPORARY DRAINAGE PIPE (REFER TO TEMP. DRAIN. SCHEDULES)
- TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2
- TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- TEMP BLANKET AND SEEDING INSTALLED IN PREVIOUS STAGE
- EROSION CONTROL DEVICES INSTALLED IN PREVIOUS STAGE
- TEMPORARY CHAIN LINK FENCE WITH SCREENING, 8'
- TD-S3.1 TEMPORARY DRAINAGE STRUCTURE (REFER TO TEMP. DRAIN. SCHEDULES)
- DIRECTION OF TRAFFIC
- RIPRAP (SEE DRAINAGE PLANS FOR DETAILS)
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TEMPORARY PAVEMENT (PREVIOUSLY CONSTRUCTED)
- TEMPORARY PAVEMENT (ACTIVELY CONSTRUCTING)



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PLOT DATE = 11/5/2025	DATE - 11/7/2025	REVISED -

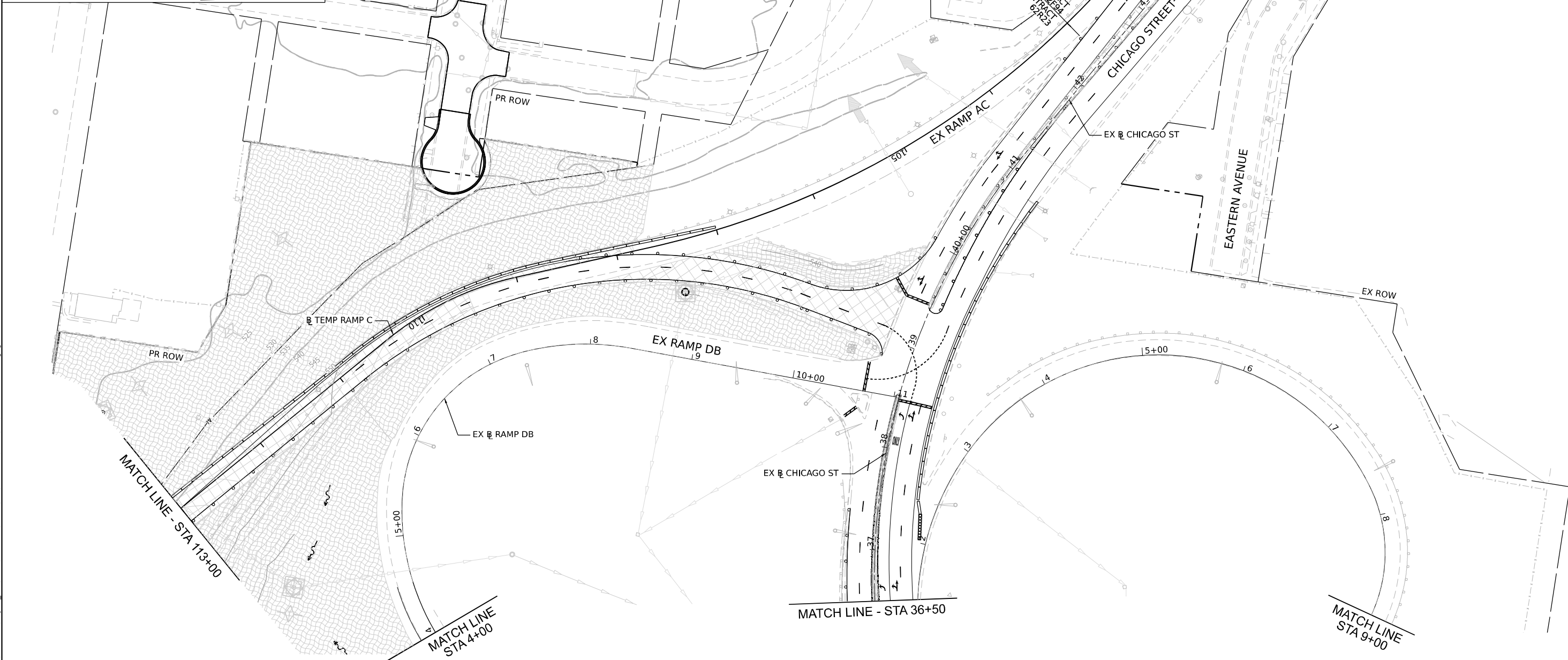
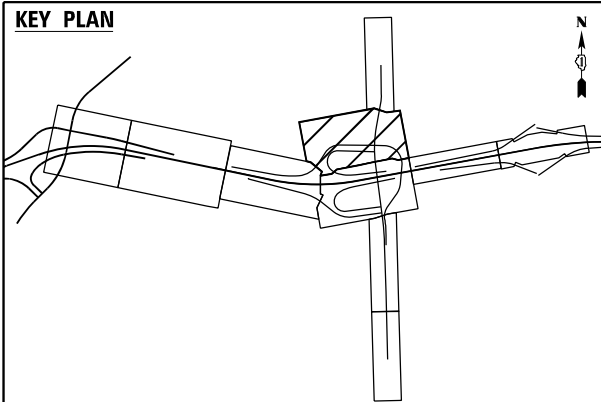
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN  
STAGE 5**

SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. TO STA.

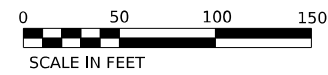
F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 306
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

KEY PLAN



**EROSION CONTROL LEGEND**

	INLET FILTER		TEMPORARY DRAINAGE PIPE (REFER TO TEMP. DRAIN. SCHEDULES)		WORK ZONE		TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2
	TEMPORARY DITCH CHECK		TEMPORARY DRAINAGE STRUCTURE (REFER TO TEMP. DRAIN. SCHEDULES)		PAVEMENT CONSTRUCTED IN PREVIOUS STAGE		TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
	PERIMETER EROSION BARRIER		AGGREGATE (EROSION CONTROL) FILTER FABRIC		TEMPORARY PAVEMENT (PREVIOUSLY CONSTRUCTED)		RIPRAP (SEE DRAINAGE PLANS FOR DETAILS)
	TEMPORARY CHAIN LINK FENCE WITH SCREENING, 8'		EROSION CONTROL DEVICES INSTALLED IN PREVIOUS STAGE		TEMPORARY PAVEMENT (ACTIVELY CONSTRUCTING)		TEMP BLANKET AND SEEDING INSTALLED IN PREVIOUS STAGE
	INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)						DIRECTION OF TRAFFIC



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 PROJECT: ...  
 DATE: 11/5/2025



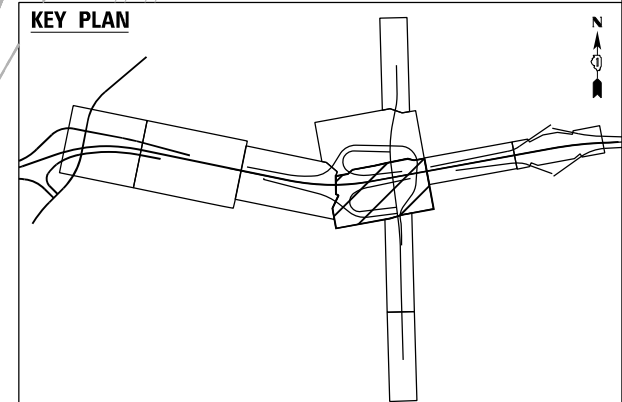
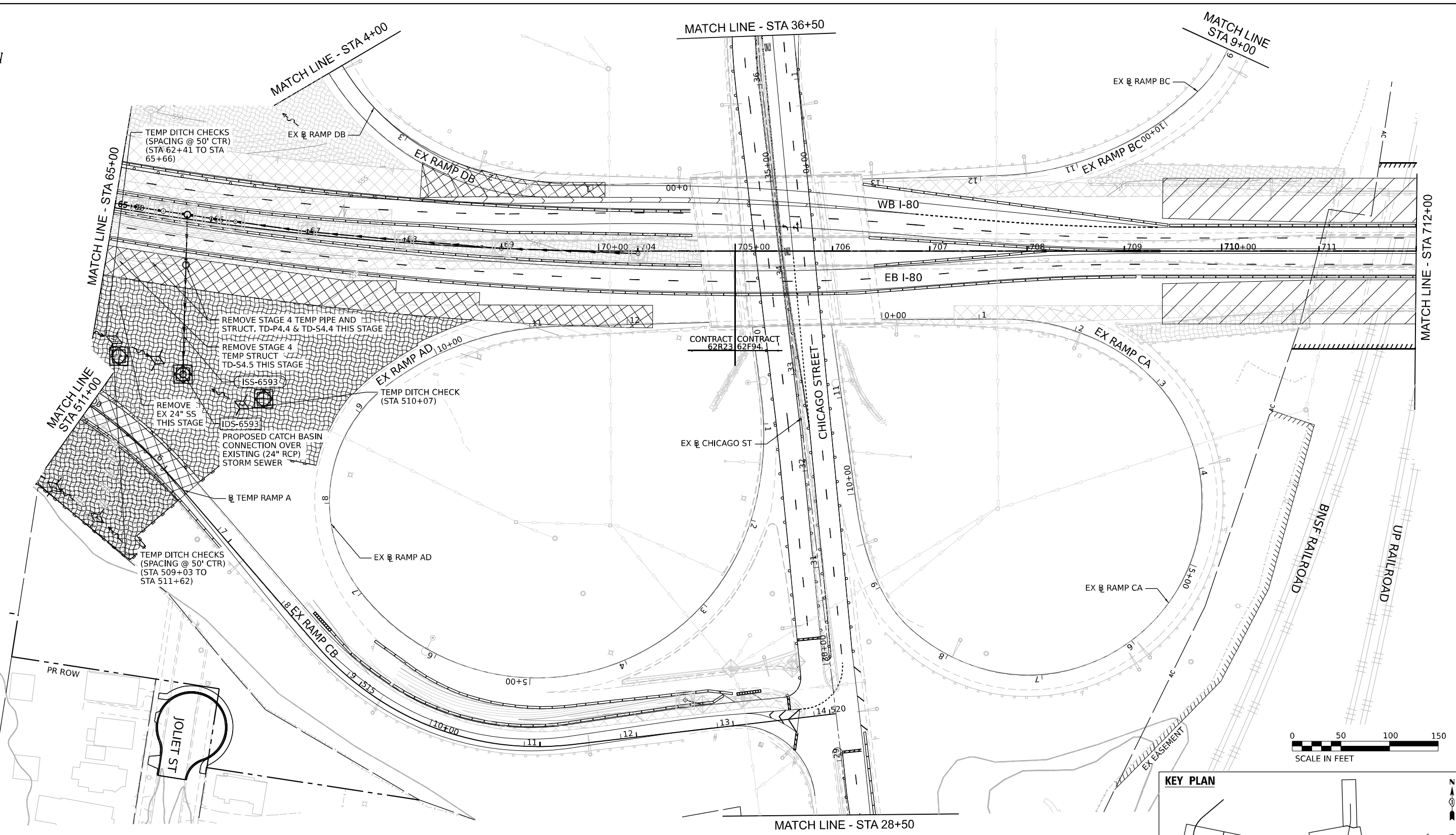
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DESIGNED - DB	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN  
STAGE 5**

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 307
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



**EROSION CONTROL LEGEND**

- |  |  |  |   |  |   |
|--|--|--|---|--|---|
|  | INLET FILTER   |  | WORK ZONE   |  | TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2                   |
|  | TEMPORARY DITCH CHECK  |  | PAVEMENT CONSTRUCTED IN PREVIOUS STAGE              |  | TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET |
|  | PERIMETER EROSION BARRIER                                      |  | TEMPORARY PAVEMENT (PREVIOUSLY CONSTRUCTED)         |  | RIPRAP (SEE DRAINAGE PLANS FOR DETAILS)                             |
|  | TEMPORARY CHAIN LINK FENCE WITH SCREENING, 8'                  |  | TEMPORARY PAVEMENT (ACTIVELY CONSTRUCTING)          |  | TEMP BLANKET AND SEEDING INSTALLED IN PREVIOUS STAGE                |
|  | INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)                 |  | EROSION CONTROL DEVICES INSTALLED IN PREVIOUS STAGE |  | DIRECTION OF TRAFFIC  |
|  | TEMPORARY DRAINAGE PIPE (REFER TO TEMP. DRAIN. SCHEDULES)      |  |   |  |   |
|  | TEMPORARY DRAINAGE STRUCTURE (REFER TO TEMP. DRAIN. SCHEDULES) |  |   |  |   |
|  | AGGREGATE (EROSION CONTROL) FILTER FABRIC                      |  |   |  |   |

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 PROJECT: ...  
 DATE: 11/5/2025



USER NAME = USGP718052	DESIGNED - DB	REVISED -
DESIGNED - DB	DRAWN - XL	REVISED -
DRAWN - XL	CHECKED - KS	REVISED -
CHECKED - KS	DATE - 11/7/2025	REVISED -
DATE - 11/7/2025		

DESIGNED - DB	REVISED -
DRAWN - XL	REVISED -
CHECKED - KS	REVISED -
DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN  
STAGE 5**

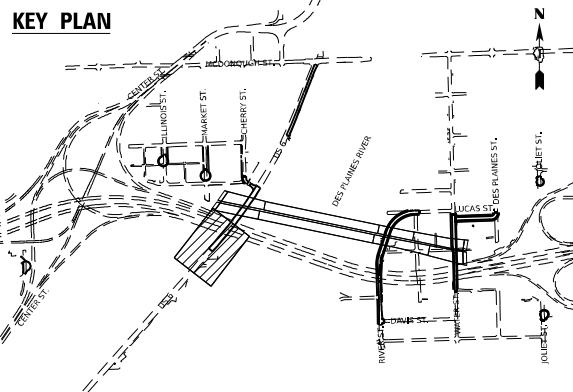
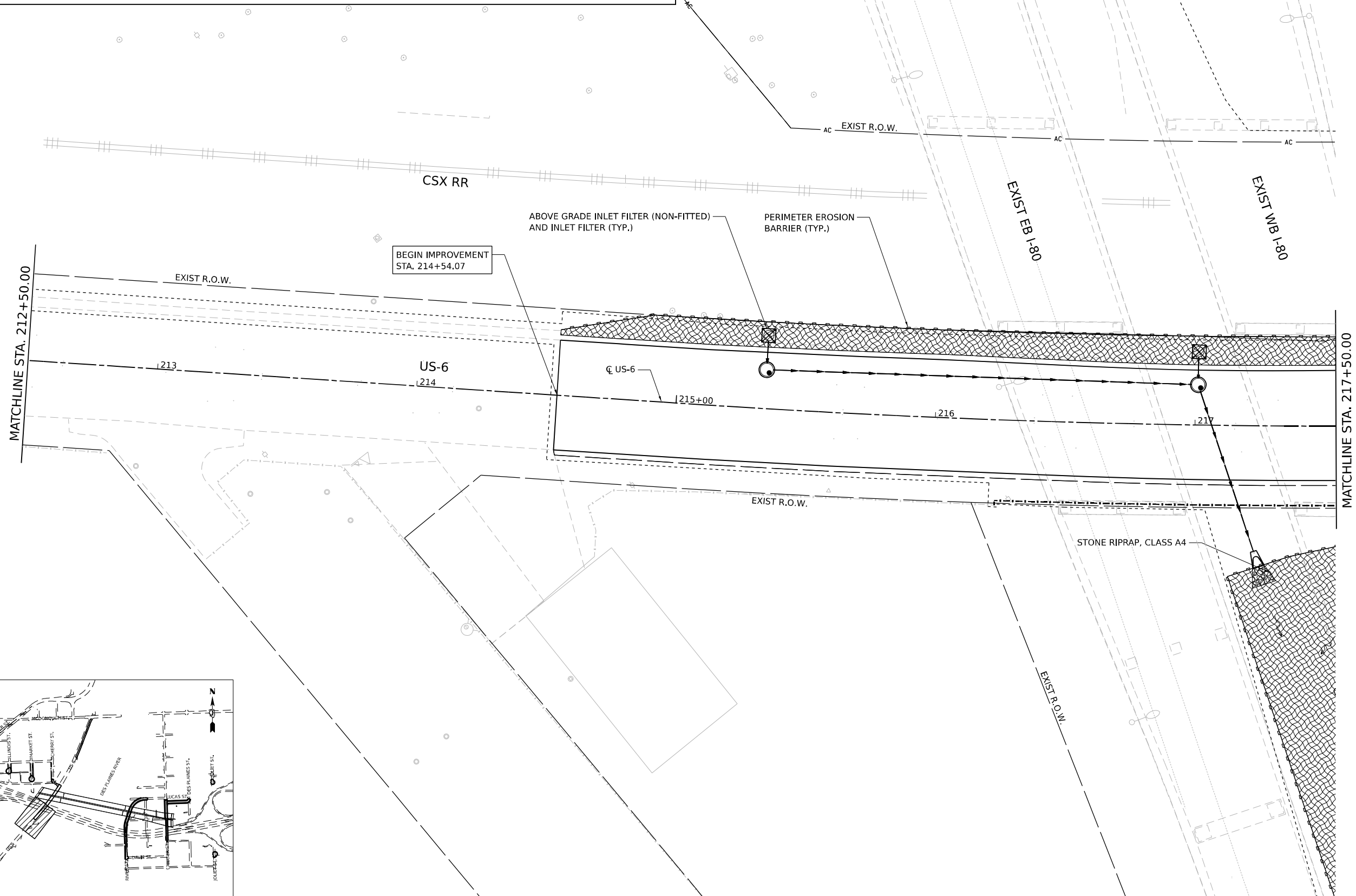
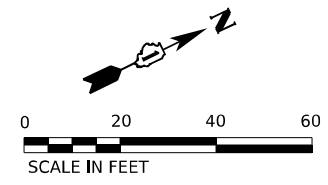
SCALE: 1" = 50' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	308
CONTRACT NO. 62R23				

ILLINOIS FED. AID PROJECT

# EROSION CONTROL LEGEND

- |  |   |  |  |  |   |
|--|---|--|--|--|---|
|  | INLET FILTER                            |  | TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2                    |  | TEMPORARY SEDIMENT BASIN                                |
|  | TEMPORARY DITCH CHECK                   |  | TEMPORARY EROSION CONTROL SEEDING EROSION CONTROL BLANKET            |  | INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)          |
|  | PERIMETER EROSION BARRIER               |  | TEMPORARY EROSION CONTROL SEEDING HEAVY DUTY EROSION CONTROL BLANKET |  | AGGREGATE (EROSION CONTROL) FILTER FABRIC               |
|  | RIPRAP (SEE DRAINAGE PLANS FOR DETAILS) |  | TEMPORARY PAVEMENT   |  | PAVEMENT CONSTRUCTED IN CURRENT STAGE OR PREVIOUS STAGE |



Model: D:\default\...  
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 Date: 11/7/2025



USER NAME = USHC706648  
 PLOT SCALE = 40,000' / in.  
 PLOT DATE = 11/6/2025

DESIGNED - CC  
 DRAWN - XL  
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 DATE - 11/7/2025

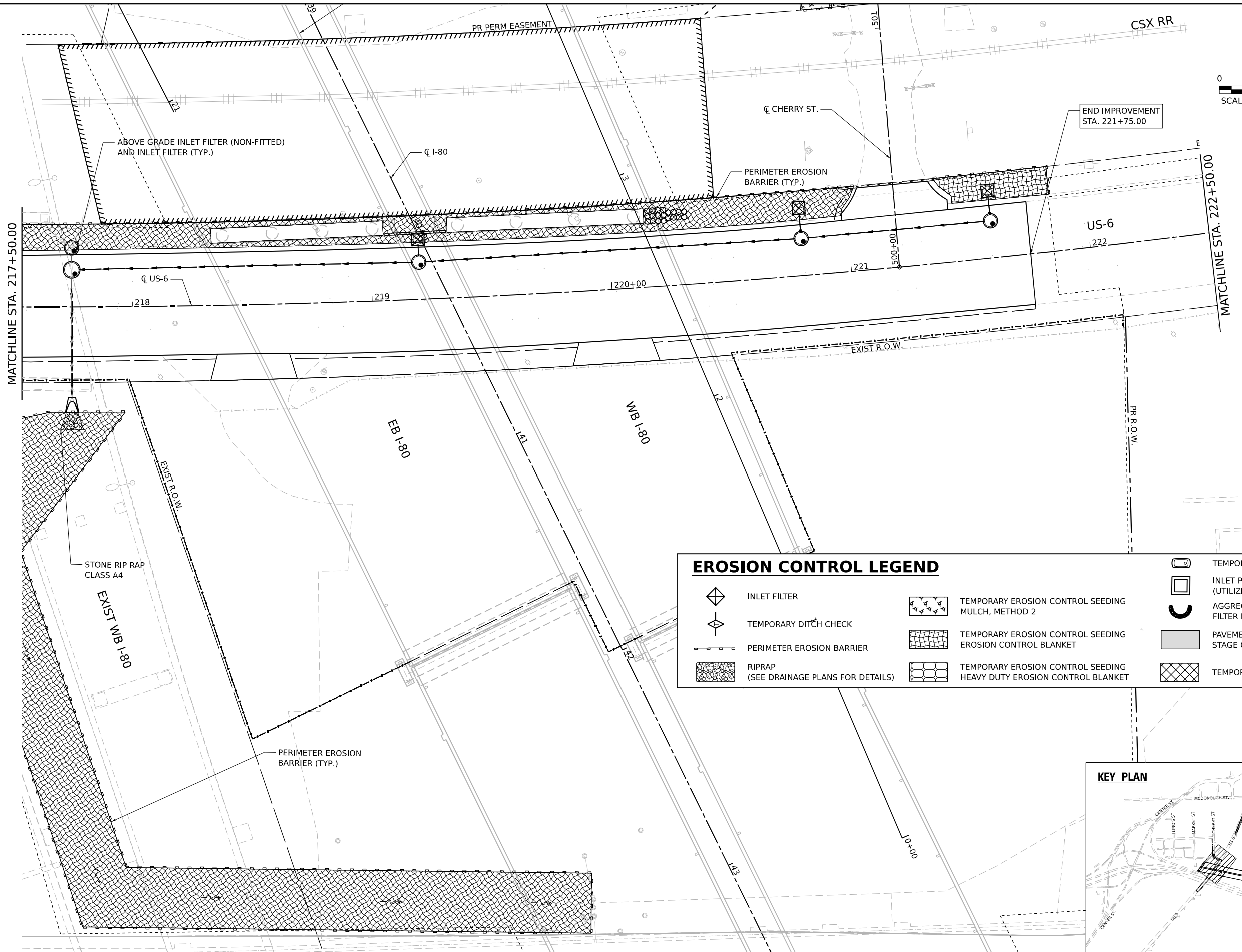
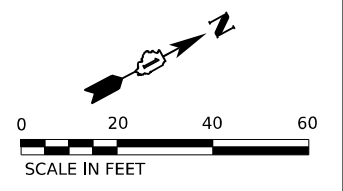
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN  
US-6

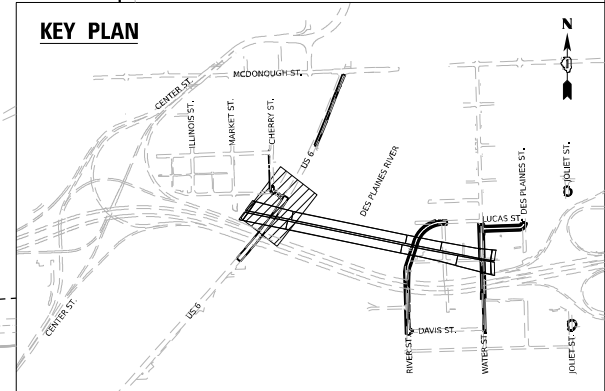
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	309
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



### EROSION CONTROL LEGEND

	INLET FILTER		TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2		TEMPORARY SEDIMENT BASIN
	TEMPORARY DITCH CHECK		TEMPORARY EROSION CONTROL SEEDING EROSION CONTROL BLANKET		INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
	PERIMETER EROSION BARRIER		TEMPORARY EROSION CONTROL SEEDING HEAVY DUTY EROSION CONTROL BLANKET		AGGREGATE (EROSION CONTROL) FILTER FABRIC
	RIPRAP (SEE DRAINAGE PLANS FOR DETAILS)				TEMPORARY PAVEMENT



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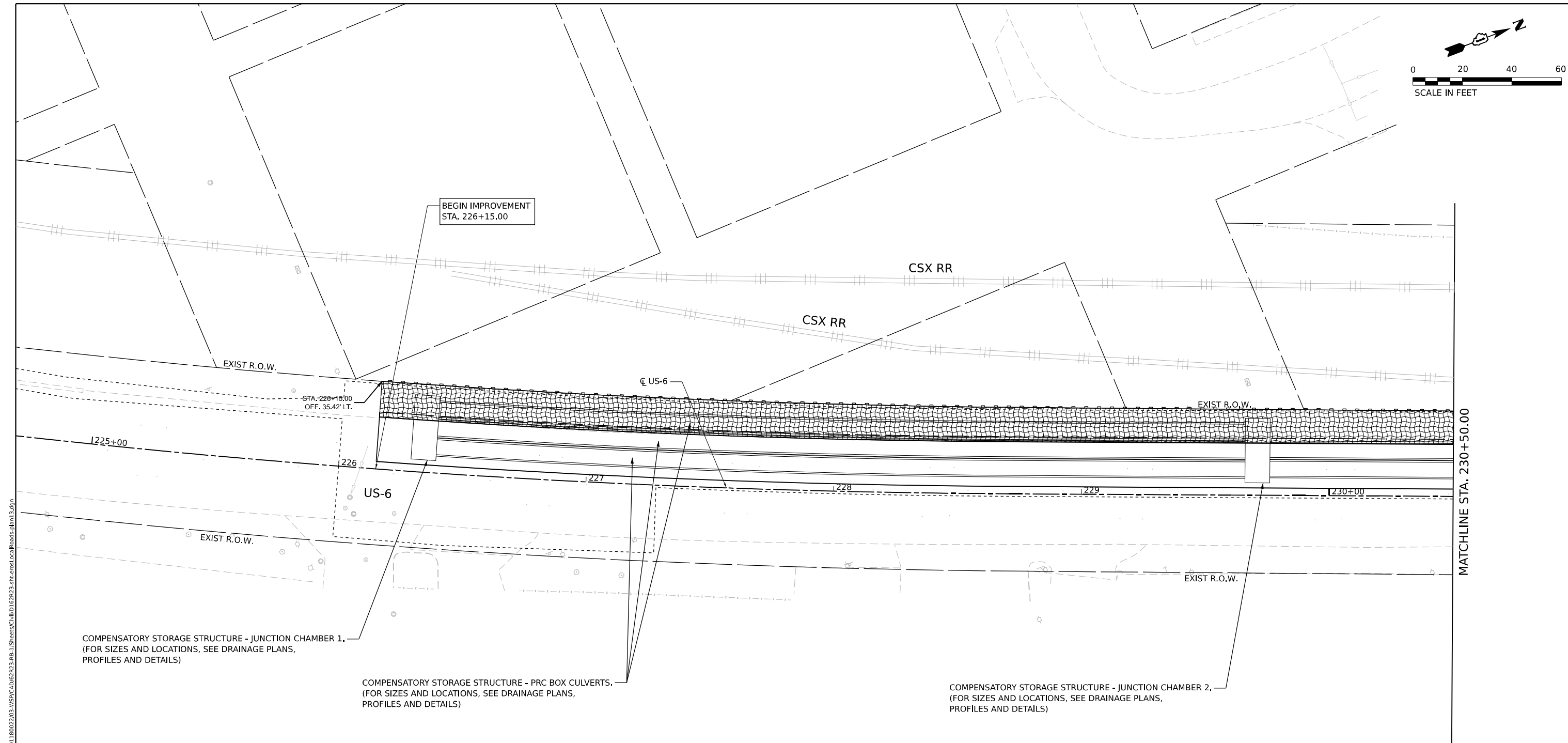
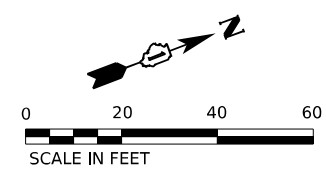
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PLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN  
US-6**

SCALE: 1"=20'      SHEET 2 OF 12 SHEETS      STA.      TO STA.

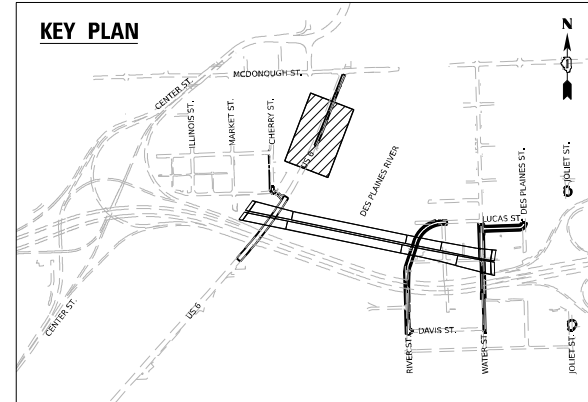
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CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



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### EROSION CONTROL LEGEND

- |  |   |  |  |  |   |
|--|---|--|--|--|---|
|  | INLET FILTER                            |  | TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2                    |  | TEMPORARY SEDIMENT BASIN                                |
|  | TEMPORARY DITCH CHECK                   |  | TEMPORARY EROSION CONTROL SEEDING EROSION CONTROL BLANKET            |  | INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)          |
|  | PERIMETER EROSION BARRIER               |  | TEMPORARY EROSION CONTROL SEEDING HEAVY DUTY EROSION CONTROL BLANKET |  | AGGREGATE (EROSION CONTROL) FILTER FABRIC               |
|  | RIPRAP (SEE DRAINAGE PLANS FOR DETAILS) |  | TEMPORARY PAVEMENT   |  | PAVEMENT CONSTRUCTED IN CURRENT STAGE OR PREVIOUS STAGE |



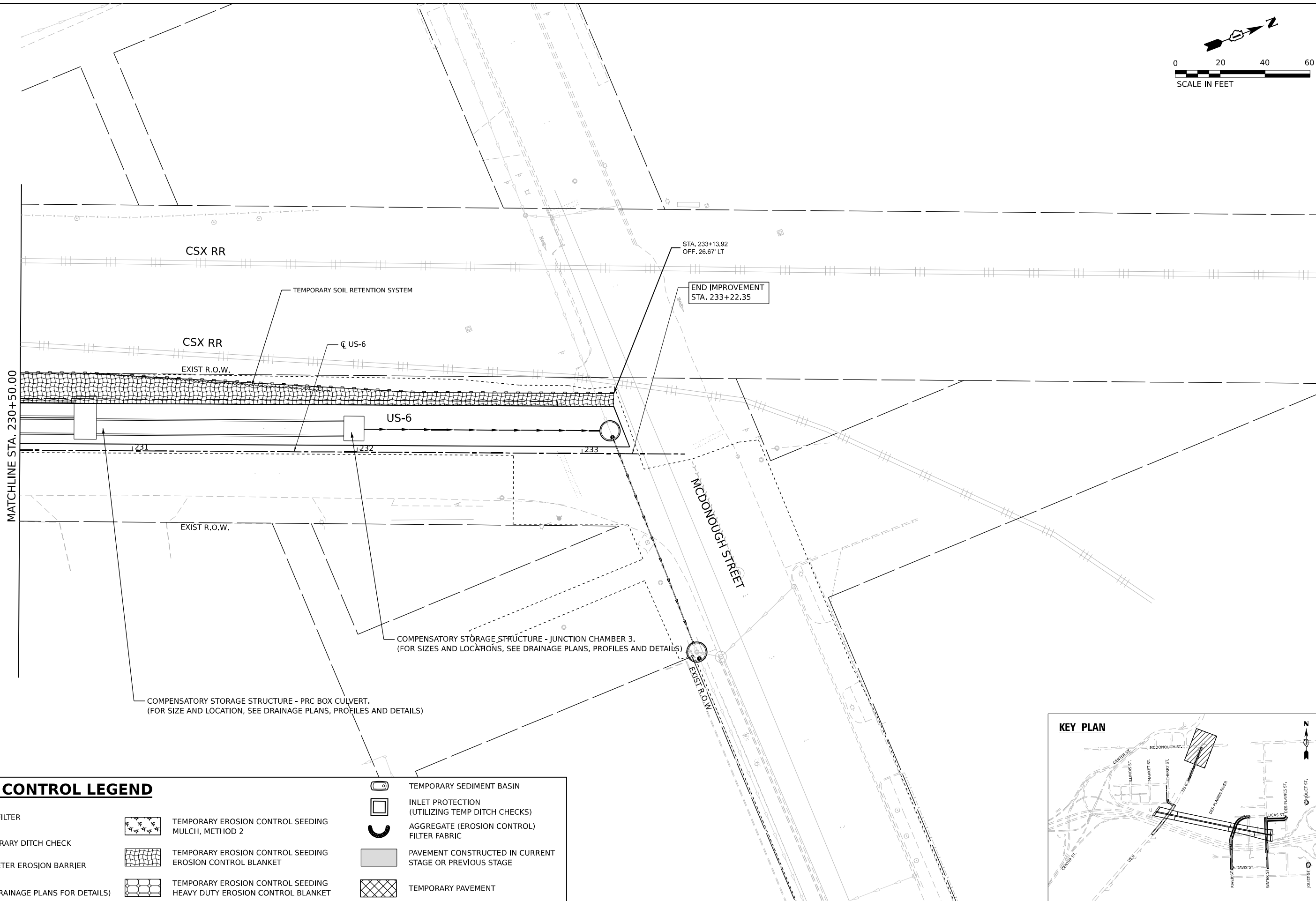
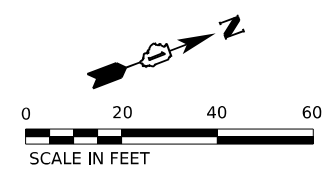
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN  
US-6**

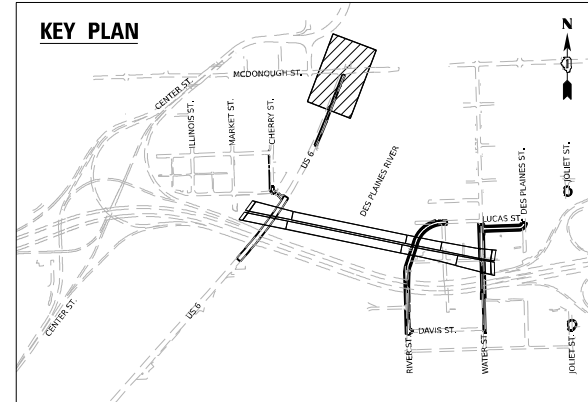
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	311
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



**EROSION CONTROL LEGEND**

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- RIPRAP  
(SEE DRAINAGE PLANS FOR DETAILS)
- TEMPORARY EROSION CONTROL SEEDING  
MULCH, METHOD 2
- TEMPORARY EROSION CONTROL SEEDING  
EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING  
HEAVY DUTY EROSION CONTROL BLANKET
- TEMPORARY SEDIMENT BASIN
- INLET PROTECTION  
(UTILIZING TEMP DITCH CHECKS)
- AGGREGATE (EROSION CONTROL)  
FILTER FABRIC
- PAVEMENT CONSTRUCTED IN CURRENT  
STAGE OR PREVIOUS STAGE
- TEMPORARY PAVEMENT



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







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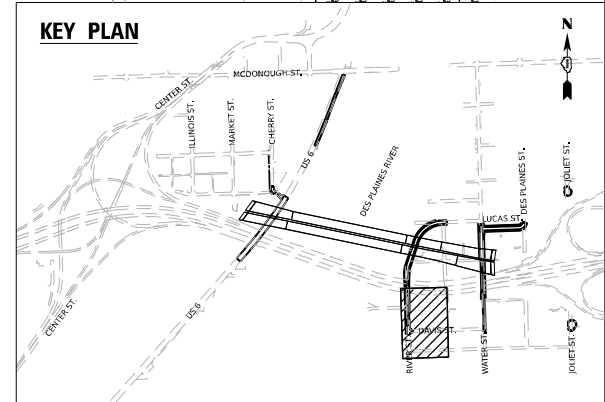
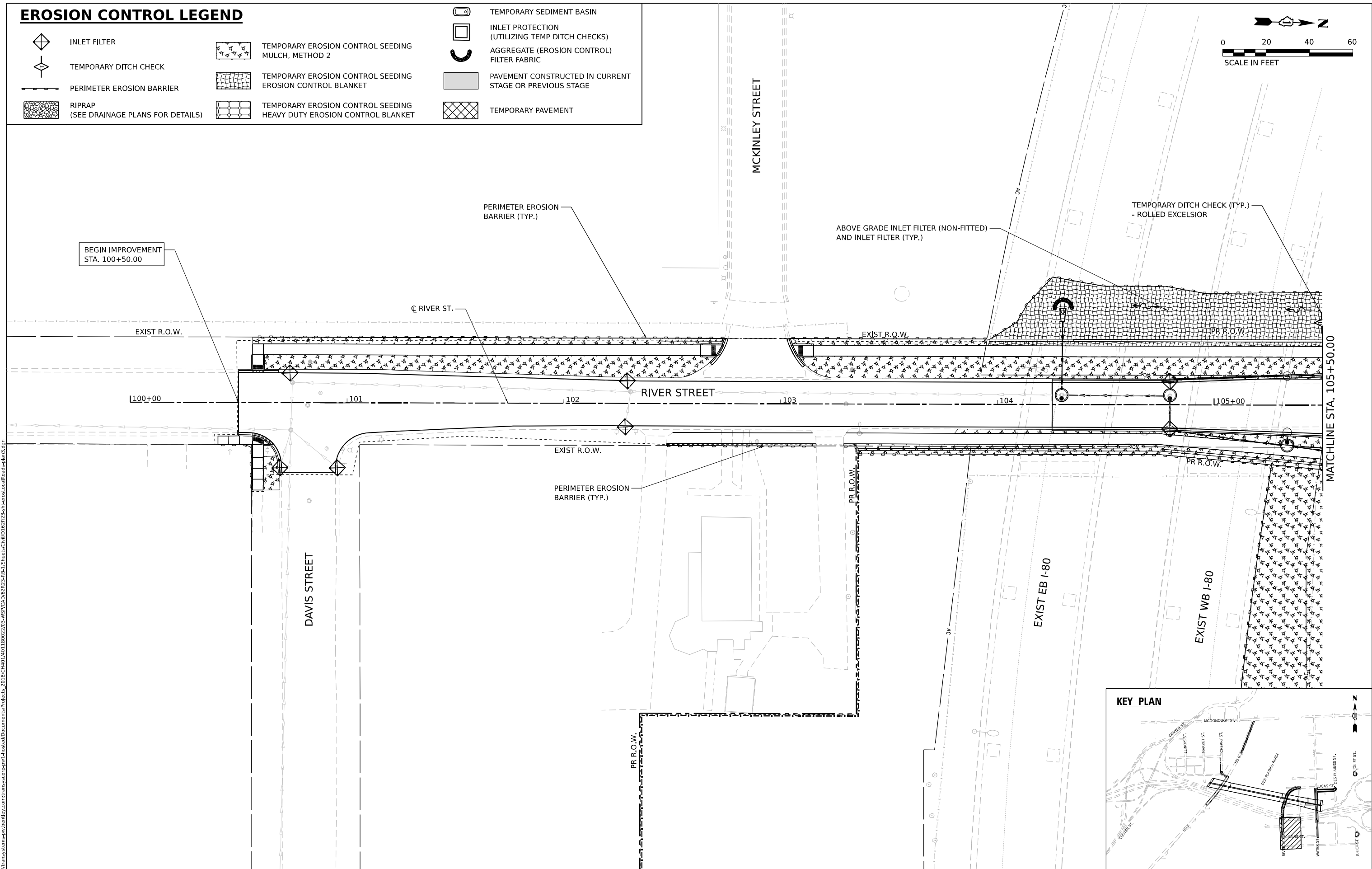
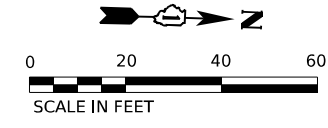
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>EROSION CONTROL PLAN</b> <b>US-6</b>		
SCALE: 1"=20'	SHEET 4 OF 12 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	312
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

# EROSION CONTROL LEGEND

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  RIPRAP (SEE DRAINAGE PLANS FOR DETAILS)
-  TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING EROSION CONTROL BLANKET
-  TEMPORARY EROSION CONTROL SEEDING HEAVY DUTY EROSION CONTROL BLANKET
-  TEMPORARY SEDIMENT BASIN
-  INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
-  AGGREGATE (EROSION CONTROL) FILTER FABRIC
-  PAVEMENT CONSTRUCTED IN CURRENT STAGE OR PREVIOUS STAGE
-  TEMPORARY PAVEMENT



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WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-8150

USER NAME = USHC706648	DESIGNED - CC	REVISED -
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







**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

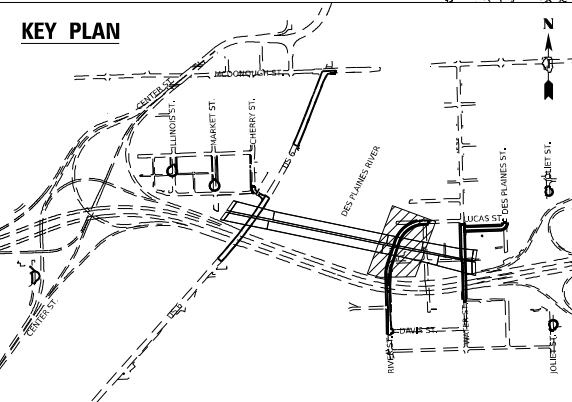
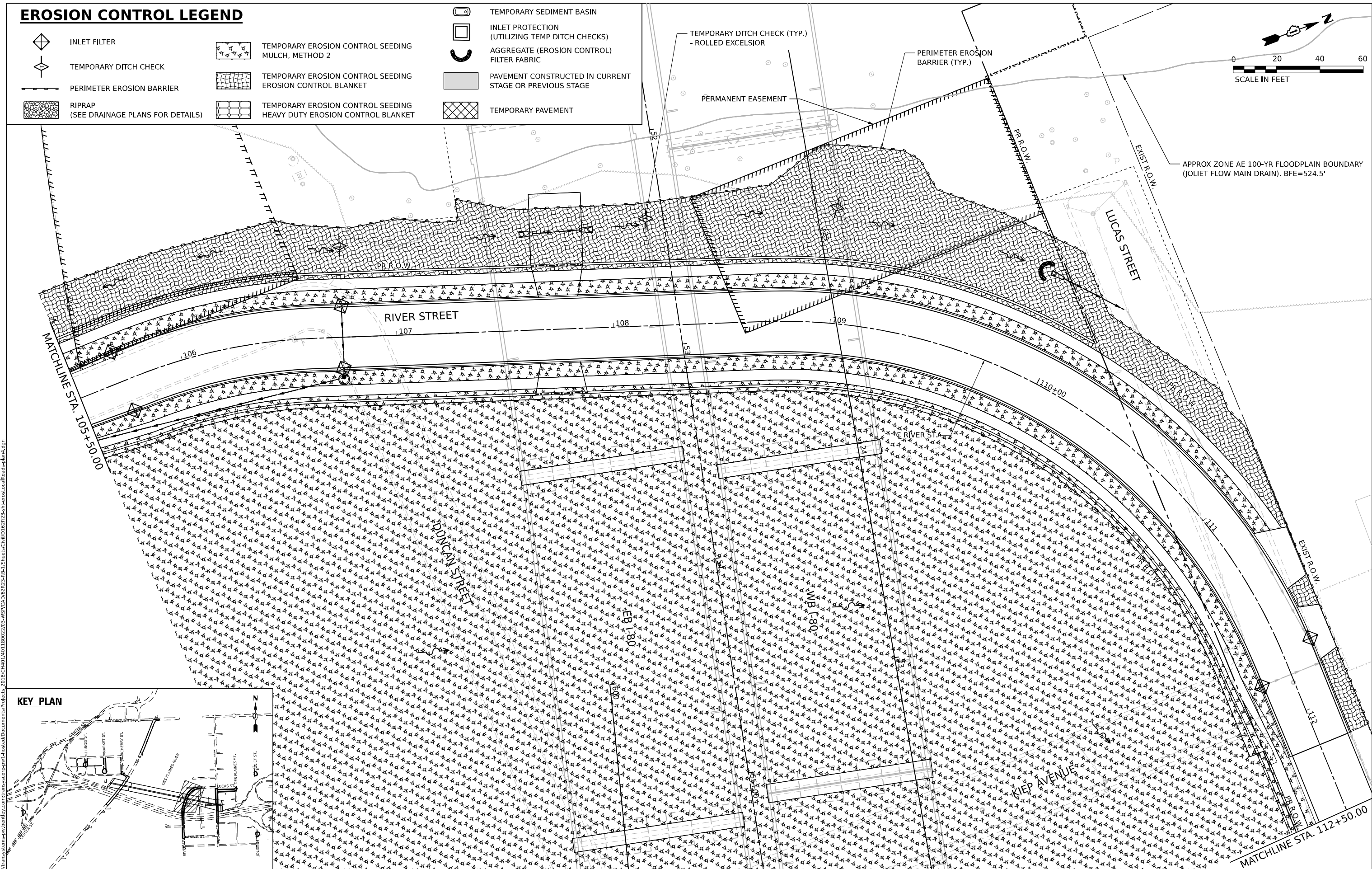
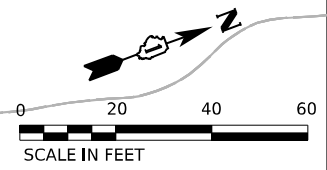
**EROSION CONTROL PLAN**  
**RIVER STREET**

SCALE: 1"=20'    SHEET 5 OF 12 SHEETS    STA.    TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 313
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

# EROSION CONTROL LEGEND

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  RIPRAP  
(SEE DRAINAGE PLANS FOR DETAILS)
-  TEMPORARY EROSION CONTROL SEEDING  
MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING  
EROSION CONTROL BLANKET
-  TEMPORARY EROSION CONTROL SEEDING  
HEAVY DUTY EROSION CONTROL BLANKET
-  TEMPORARY SEDIMENT BASIN
-  INLET PROTECTION  
(UTILIZING TEMP DITCH CHECKS)
-  AGGREGATE (EROSION CONTROL)  
FILTER FABRIC
-  PAVEMENT CONSTRUCTED IN CURRENT  
STAGE OR PREVIOUS STAGE
-  TEMPORARY PAVEMENT



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







**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

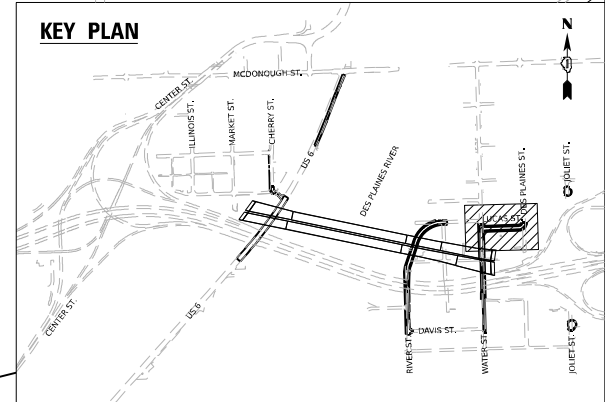
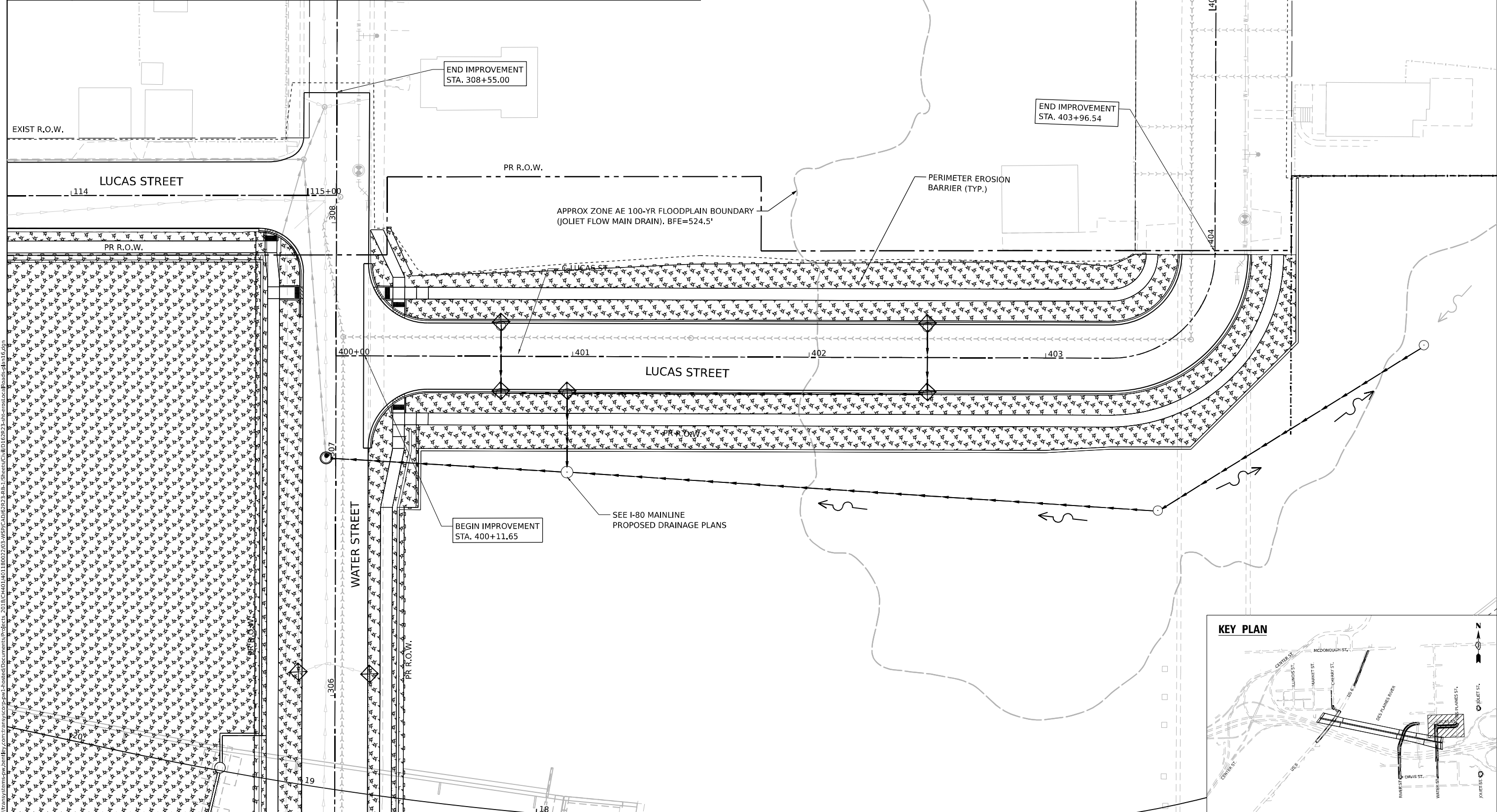
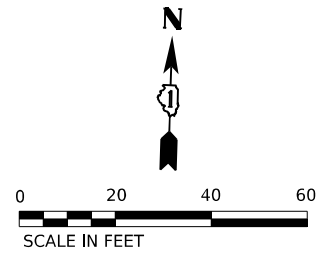
**EROSION CONTROL PLAN**  
**RIVER STREET**

SCALE: 1"=20' SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

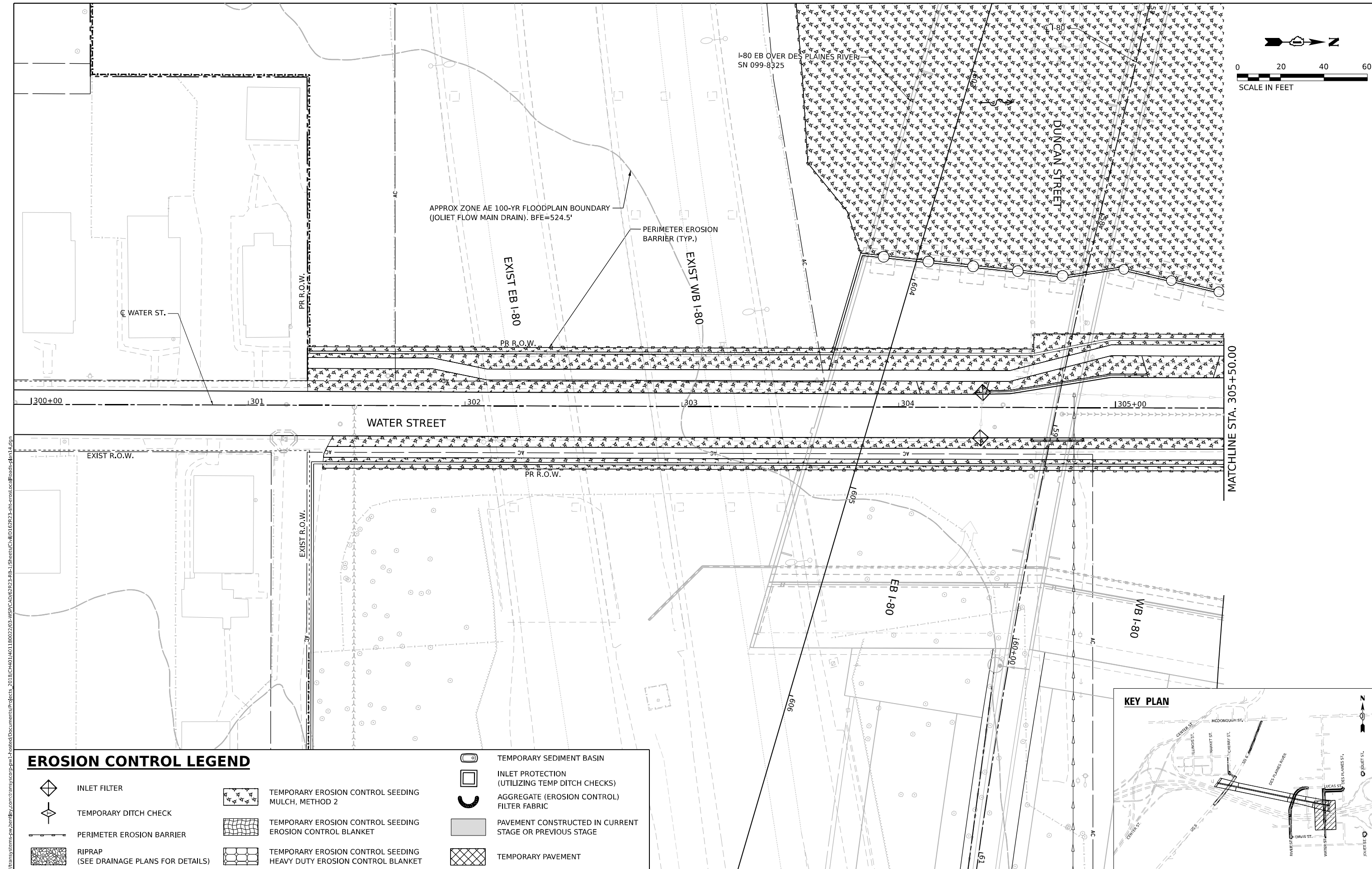
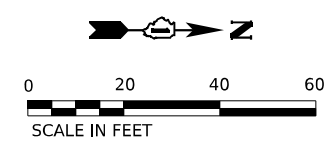
# EROSION CONTROL LEGEND

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  RIPRAP (SEE DRAINAGE PLANS FOR DETAILS)
-  TEMPORARY EROSION CONTROL SEEDING MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING EROSION CONTROL BLANKET
-  TEMPORARY EROSION CONTROL SEEDING HEAVY DUTY EROSION CONTROL BLANKET
-  TEMPORARY SEDIMENT BASIN
-  INLET PROTECTION (UTILIZING TEMP DITCH CHECKS)
-  AGGREGATE (EROSION CONTROL) FILTER FABRIC
-  PAVEMENT CONSTRUCTED IN CURRENT STAGE OR PREVIOUS STAGE
-  TEMPORARY PAVEMENT



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 WSP USA INC. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-8150

	USER NAME = USHC706648	DESIGNED - CC	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL PLAN LUCAS STREET</b>		F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 315
	PLOT SCALE = 40,000' / in.	CHECKED - DB	REVISED -		SCALE: 1"=20'	SHEET 7 OF 12 SHEETS	STA. TO STA.	CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT
	PLOT DATE = 11/6/2025	DATE = 11/7/2025	REVISED -								



APPROX ZONE AE 100-YR FLOODPLAIN BOUNDARY  
(JOLIET FLOW MAIN DRAIN). BFE=524.5'

PERIMETER EROSION BARRIER (TYP.)

EXIST EB 1-80

EXIST WB 1-80

WATER ST.

WATER STREET

EXIST R.O.W.

EXIST R.O.W.

PR R.O.W.

EB 1-80

WB 1-80

MATCHLINE STA. 305+50.00

**EROSION CONTROL LEGEND**

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- RIPRAP  
(SEE DRAINAGE PLANS FOR DETAILS)
- TEMPORARY EROSION CONTROL SEEDING  
MULCH, METHOD 2
- TEMPORARY EROSION CONTROL SEEDING  
EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING  
HEAVY DUTY EROSION CONTROL BLANKET
- INLET PROTECTION  
(UTILIZING TEMP DITCH CHECKS)
- AGGREGATE (EROSION CONTROL)  
FILTER FABRIC
- PAVEMENT CONSTRUCTED IN CURRENT  
STAGE OR PREVIOUS STAGE
- TEMPORARY PAVEMENT

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DESIGNED - CC  
 DRAWN - XL  
 CHECKED - DB  
 DATE - 11/7/2025

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**  
**WATER STREET**

SCALE: 1"=20'    SHEET 8 OF 12 SHEETS    STA.    TO STA.













F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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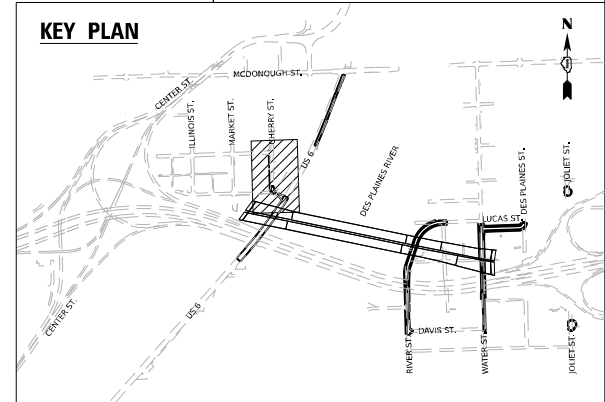
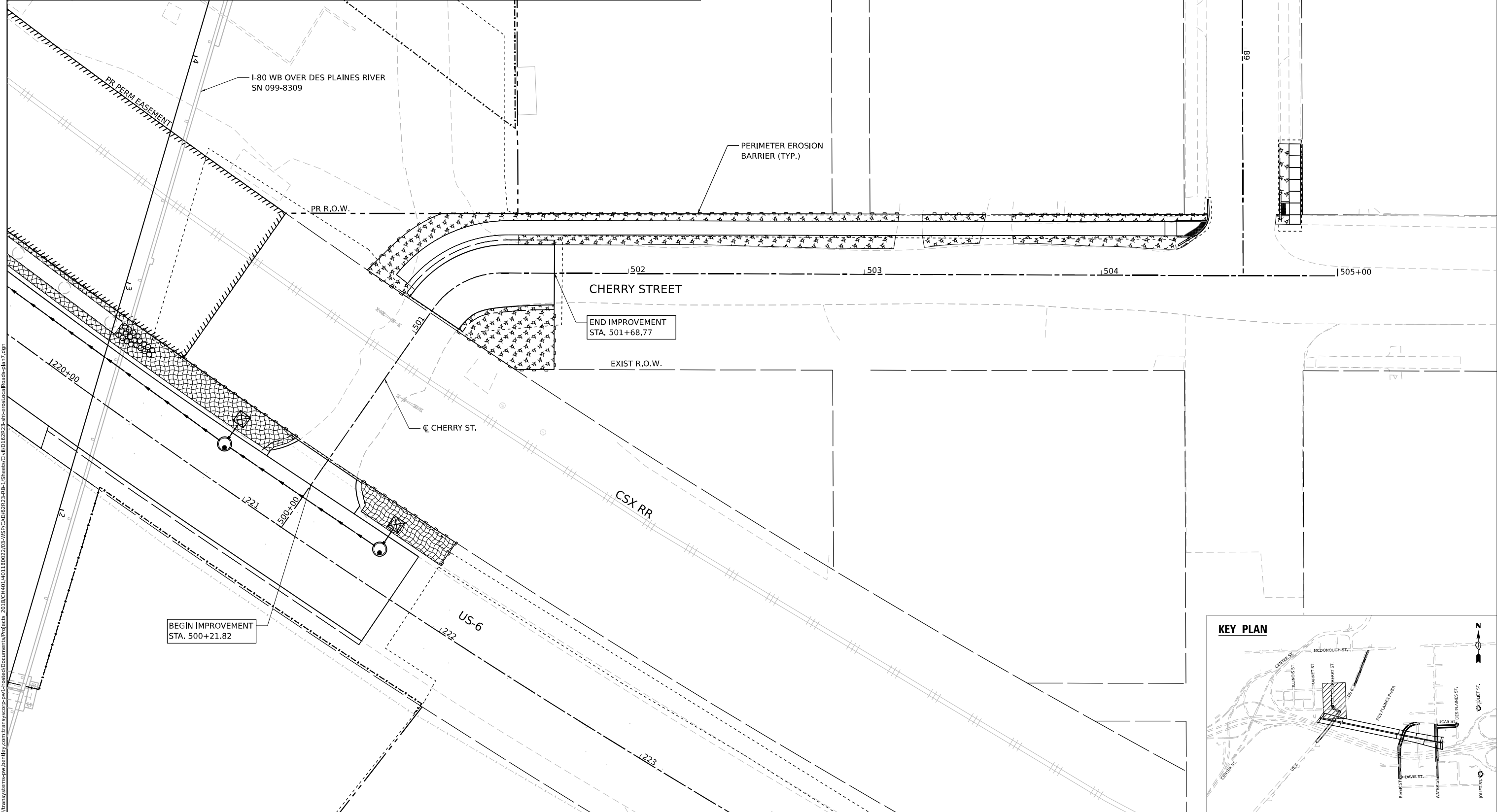
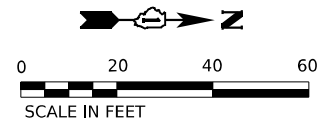
CONTRACT NO. 62R23

ILLINOIS FED. AID PROJECT



# EROSION CONTROL LEGEND

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  RIPRAP  
(SEE DRAINAGE PLANS FOR DETAILS)
-  TEMPORARY EROSION CONTROL SEEDING  
MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING  
EROSION CONTROL BLANKET
-  TEMPORARY EROSION CONTROL SEEDING  
HEAVY DUTY EROSION CONTROL BLANKET
-  TEMPORARY SEDIMENT BASIN
-  INLET PROTECTION  
(UTILIZING TEMP DITCH CHECKS)
-  AGGREGATE (EROSION CONTROL)  
FILTER FABRIC
-  PAVEMENT CONSTRUCTED IN CURRENT  
STAGE OR PREVIOUS STAGE
-  TEMPORARY PAVEMENT



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







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PLLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISIONS -

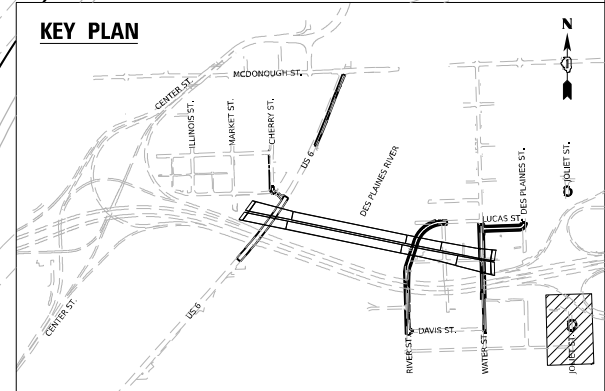
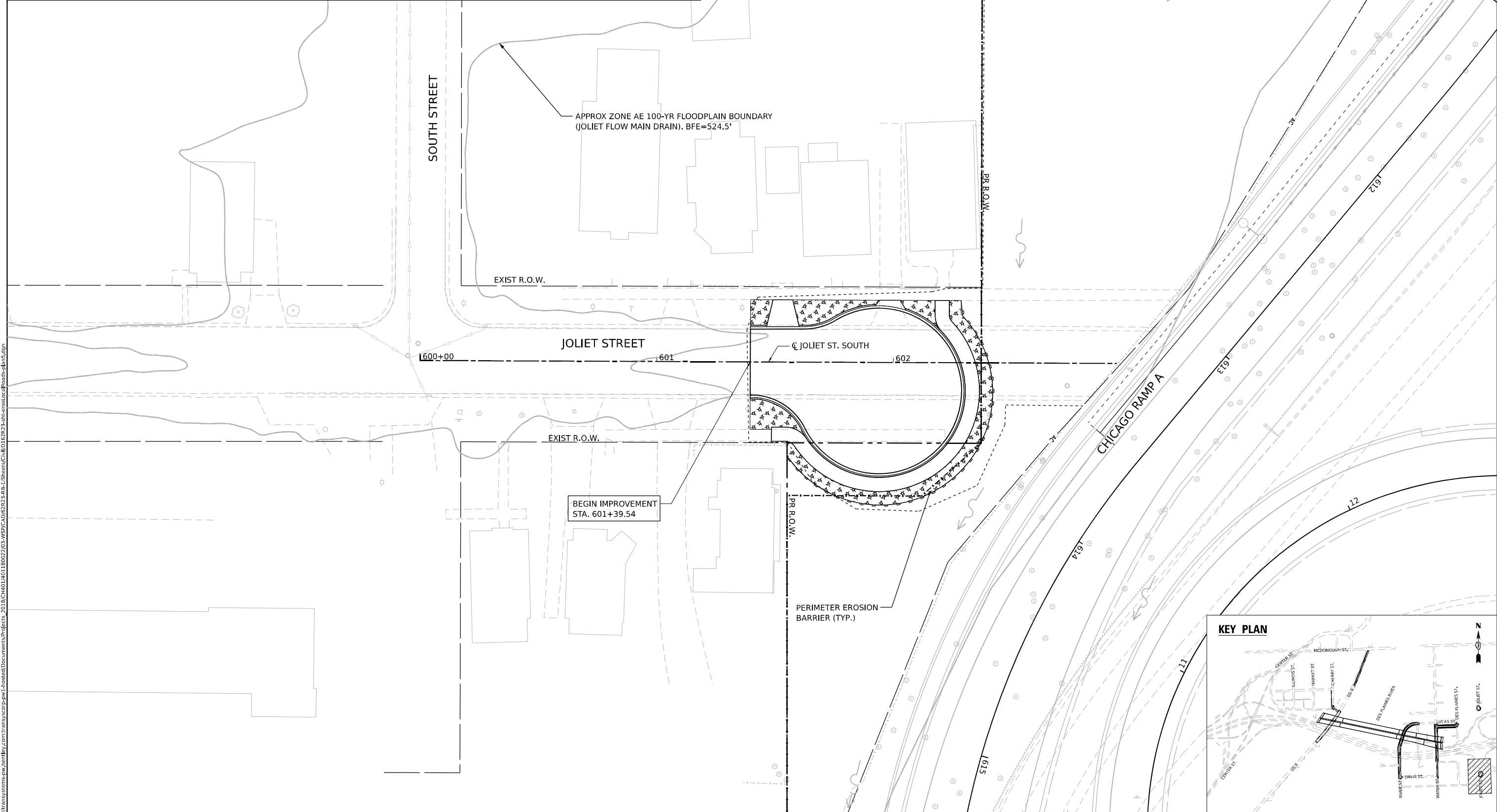
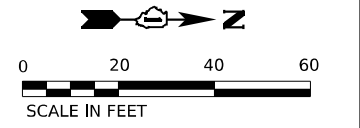
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EROSION CONTROL PLAN CHERRY STREET</b>	
SCALE: 1"=20'	SHEET 10 OF 12 SHEETS STA. TO STA.


F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 318
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

# EROSION CONTROL LEGEND

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  RIPRAP  
(SEE DRAINAGE PLANS FOR DETAILS)
-  TEMPORARY EROSION CONTROL SEEDING  
MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING  
EROSION CONTROL BLANKET
-  TEMPORARY EROSION CONTROL SEEDING  
HEAVY DUTY EROSION CONTROL BLANKET
-  TEMPORARY SEDIMENT BASIN
-  INLET PROTECTION  
(UTILIZING TEMP DITCH CHECKS)
-  AGGREGATE (EROSION CONTROL)  
FILTER FABRIC
-  PAVEMENT CONSTRUCTED IN CURRENT  
STAGE OR PREVIOUS STAGE
-  TEMPORARY PAVEMENT















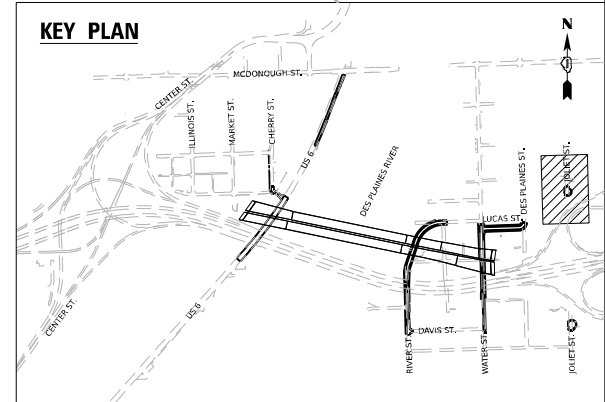
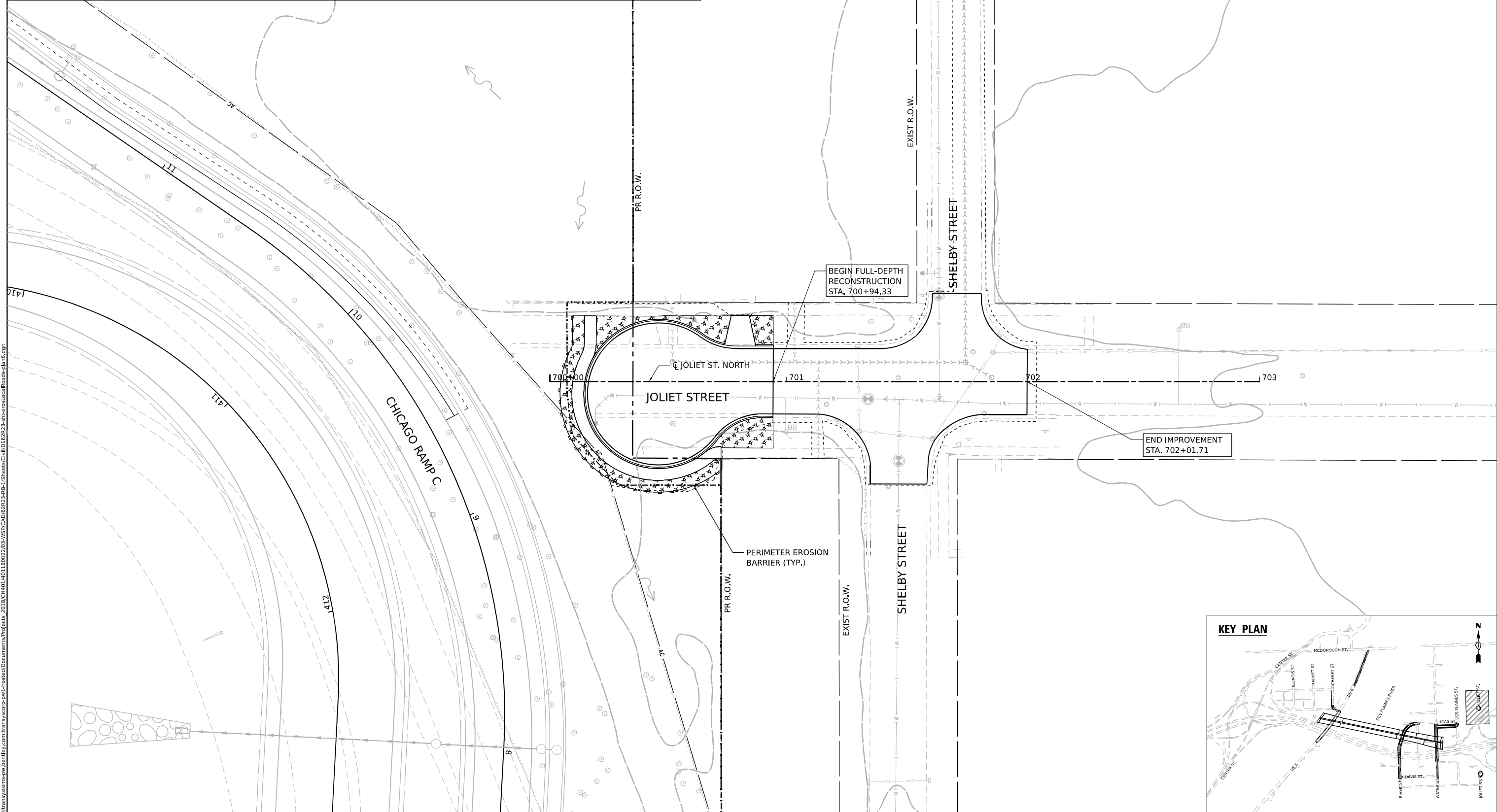
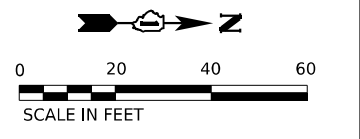
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	PLOT DATE = 11/6/2025 DATE = 11/7/2025	REVISED -
	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	

<b>EROSION CONTROL PLAN</b> <b>JOLIET STREET - SOUTH</b>		F.A.I. RTE. 80 SECTION FAI 80 21 STRUCTURE 2 COUNTY WILL TOTAL SHEETS 1230 SHEET NO. 319
SCALE: 1"=20' SHEET 11 OF 12 SHEETS STA. TO STA.	CONTRACT NO. 62R23 ILLINOIS FED. AID PROJECT	

# EROSION CONTROL LEGEND

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  RIPRAP  
(SEE DRAINAGE PLANS FOR DETAILS)
-  TEMPORARY EROSION CONTROL SEEDING  
MULCH, METHOD 2
-  TEMPORARY EROSION CONTROL SEEDING  
EROSION CONTROL BLANKET
-  TEMPORARY EROSION CONTROL SEEDING  
HEAVY DUTY EROSION CONTROL BLANKET
-  TEMPORARY SEDIMENT BASIN
-  INLET PROTECTION  
(UTILIZING TEMP DITCH CHECKS)
-  AGGREGATE (EROSION CONTROL)  
FILTER FABRIC
-  PAVEMENT CONSTRUCTED IN CURRENT  
STAGE OR PREVIOUS STAGE
-  TEMPORARY PAVEMENT



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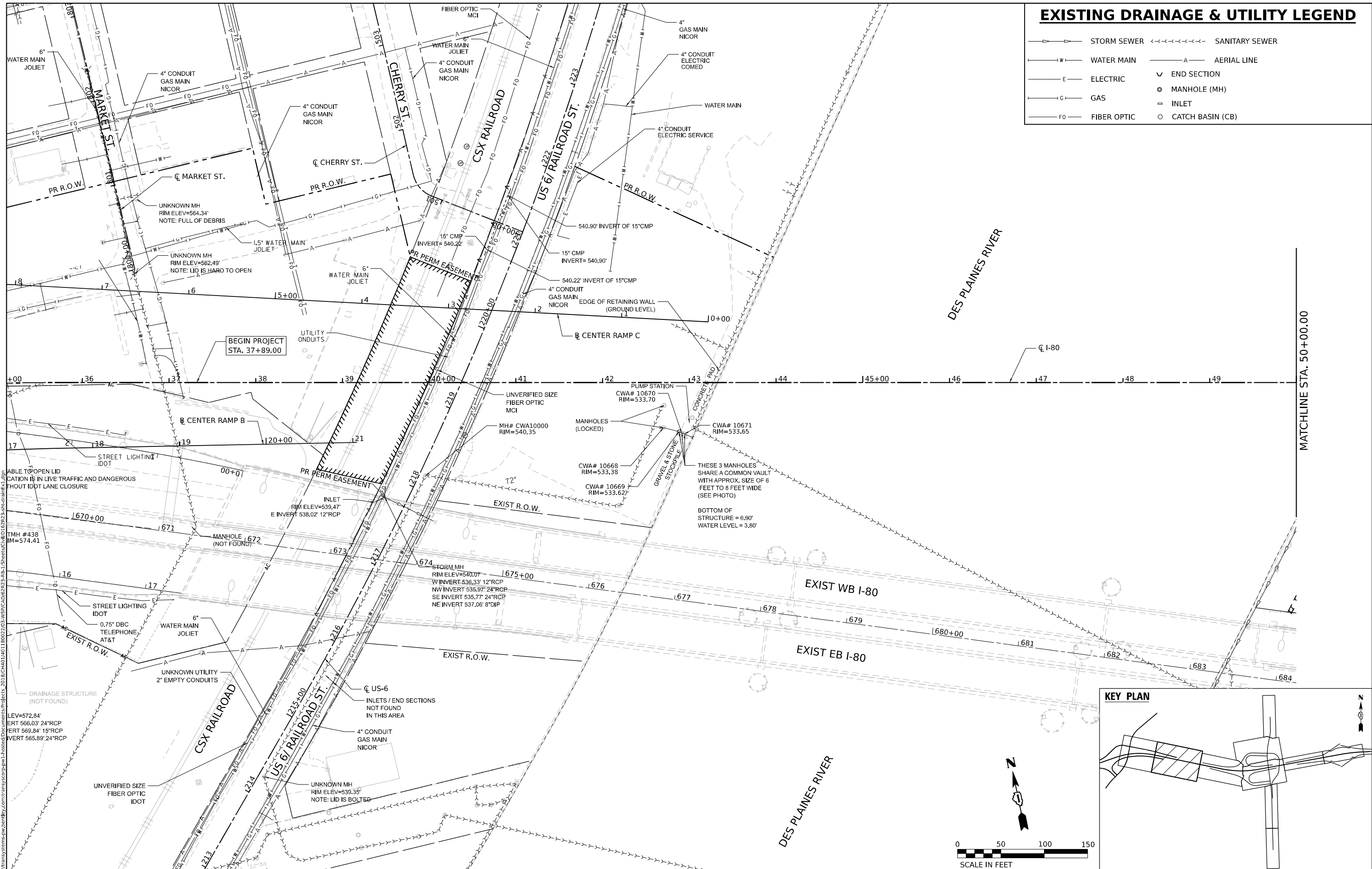
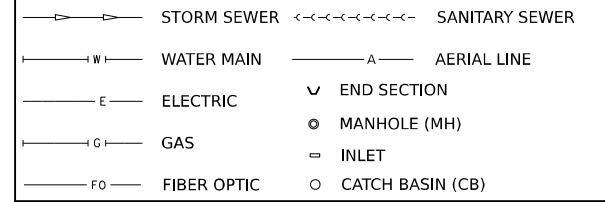
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN  
JOLIET STREET - NORTH**

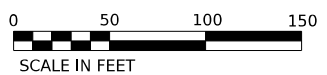
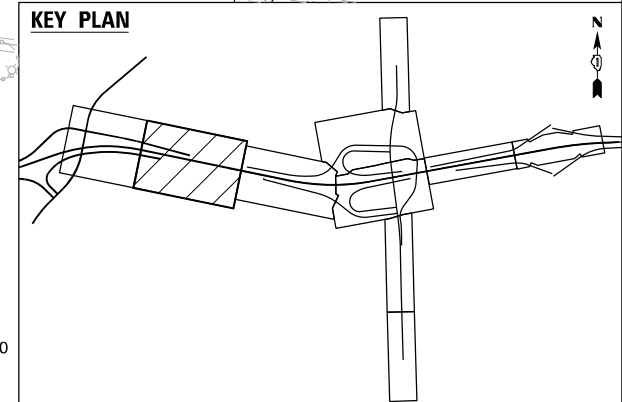
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F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 320
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

# EXISTING DRAINAGE & UTILITY LEGEND



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 LEV=572.84'  
 ERT 566.03' 24"RCP  
 FERT 569.84' 15"RCP  
 VERT 565.89' 24"RCP  
 DRAINAGE STRUCTURE (NOT FOUND)



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 PLOT SCALE = 1/4" = 100.000' / in.  
 PLOT DATE = 11/6/2025

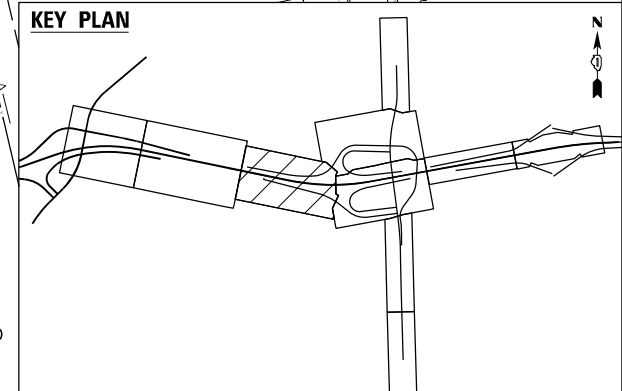
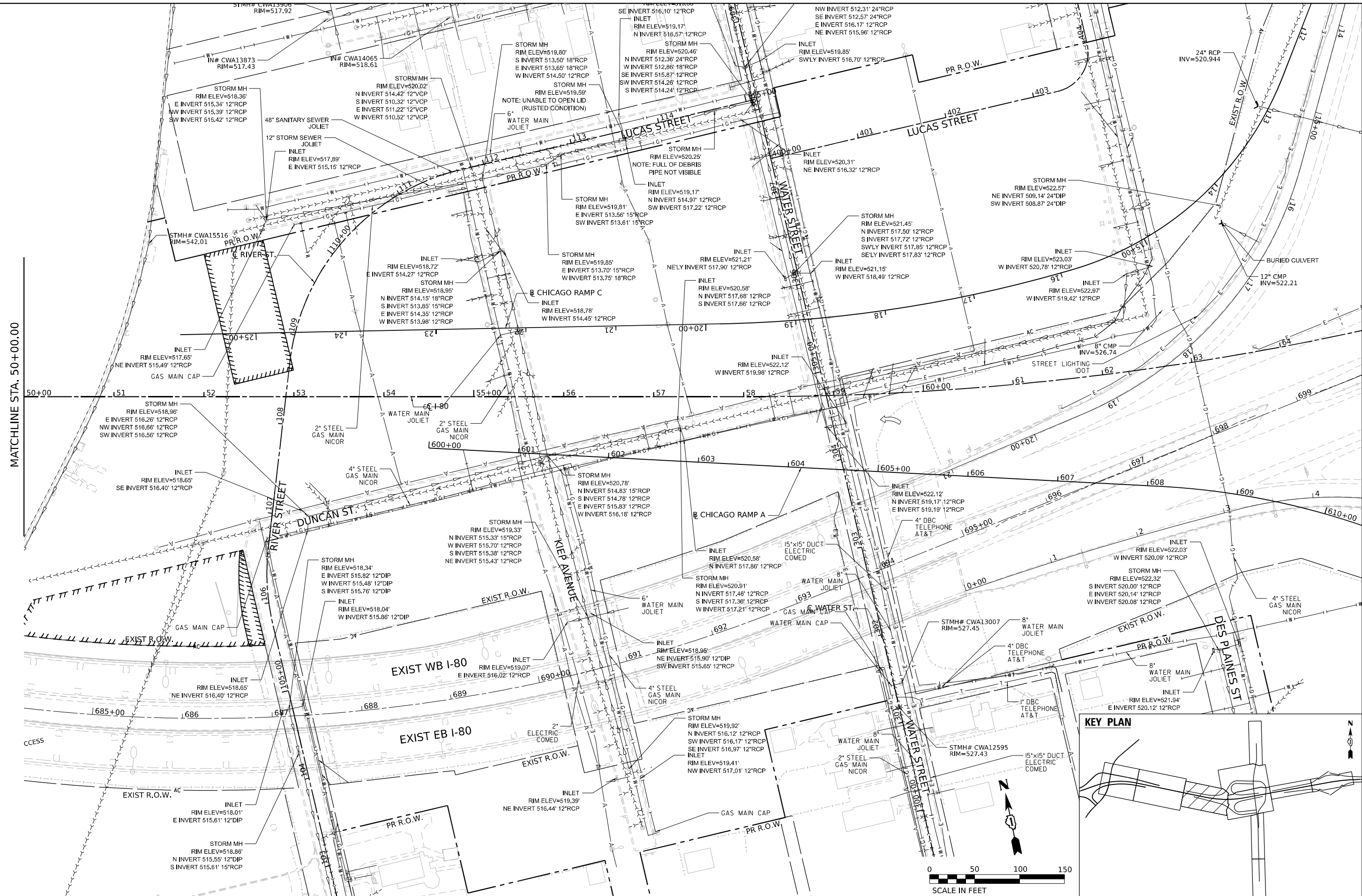
DESIGNED - SSM  
 DRAWN - CC  
 CHECKED - HC  
 DATE - 11/7/2025

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**EXISTING DRAINAGE AND UTILITIES PLAN**  
**I-80**  
 SCALE: 1" = 50' SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	321
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

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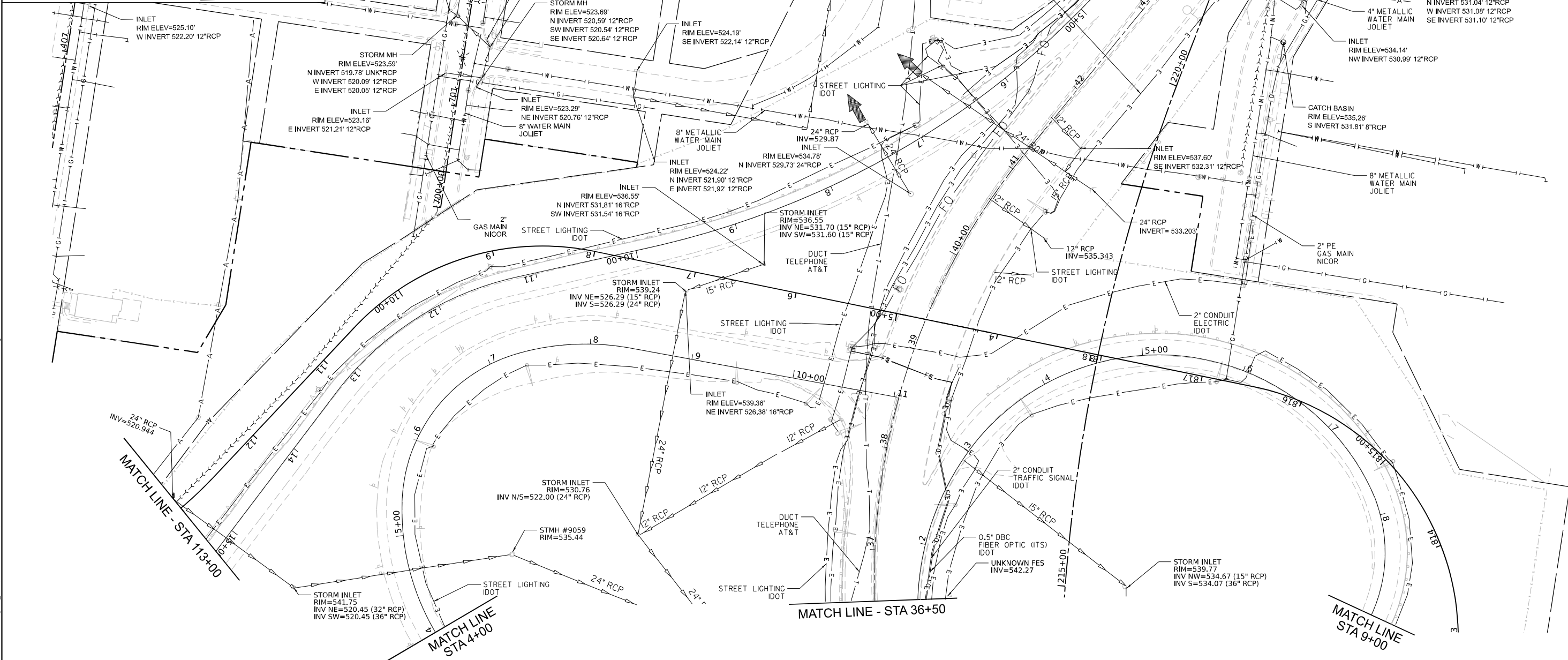
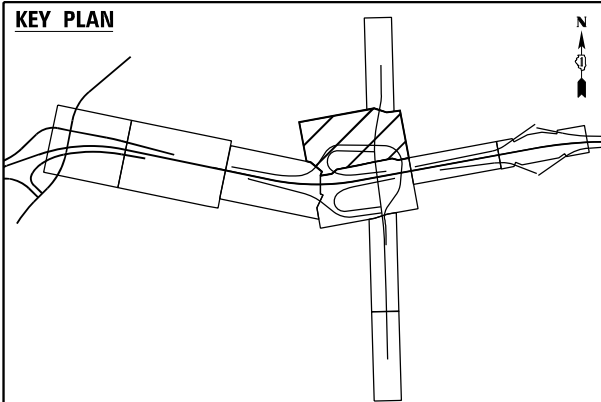
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DESIGNED	- SSM
DRAWN	- CC
CHECKED	- HC
DATE	- 11/7/2025
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REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE AND UTILITIES PLAN**  
**I-80**  
 SCALE: 1" = 50'    SHEET 2 OF 4 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	322
CONTRACT NO. 62R23				
		ILLINOIS	FED. AID PROJECT	

KEY PLAN



**EXISTING DRAINAGE & UTILITY LEGEND**

- STORM SEWER      <---<---<--- SANITARY SEWER
- W—W— WATER MAIN      —A— AERIAL LINE
- E—E— ELECTRIC      ✓ END SECTION
- G—G— GAS      ○ MANHOLE (MH)
- FO— FIBER OPTIC      = INLET
- CATCH BASIN (CB)



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING DRAINAGE AND UTILITIES PLAN  
I-80

SCALE: 1" = 50'      SHEET 3 OF 4 SHEETS      STA.      TO STA.

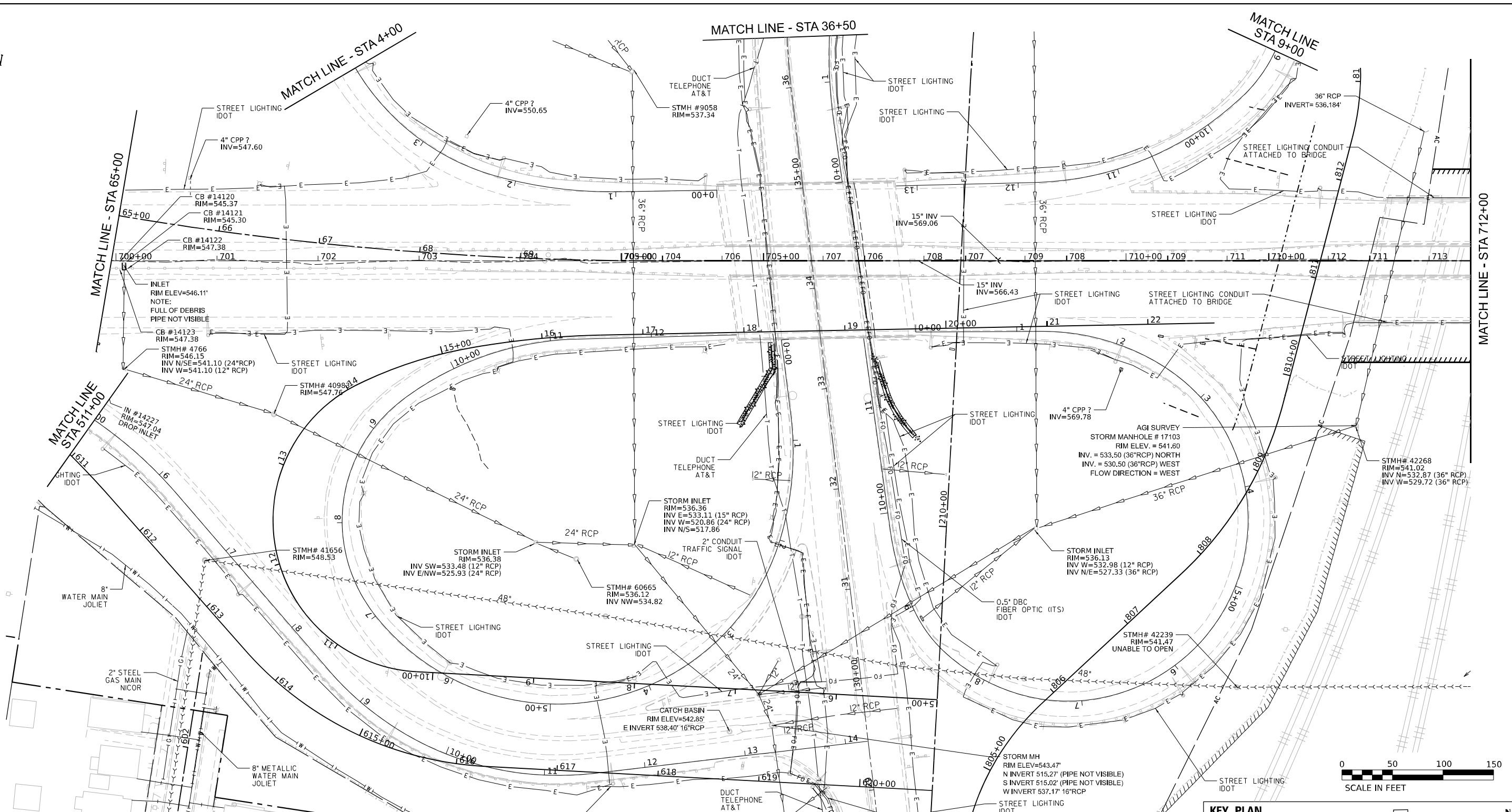
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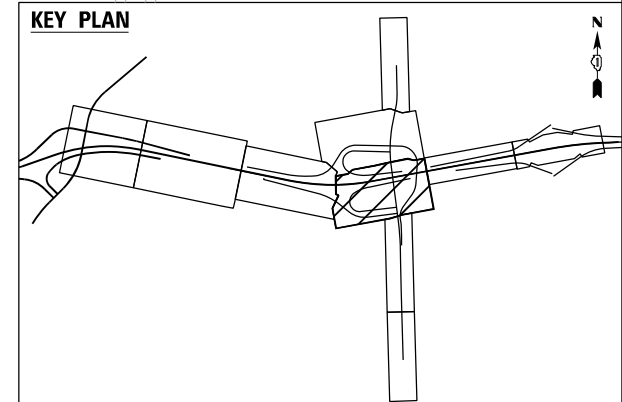
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 CHECKED - HC  
 DATE - 11/7/2025

REVISIONS:  
 1. REVISED -  
 2. REVISED -  
 3. REVISED -  
 4. REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	323
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

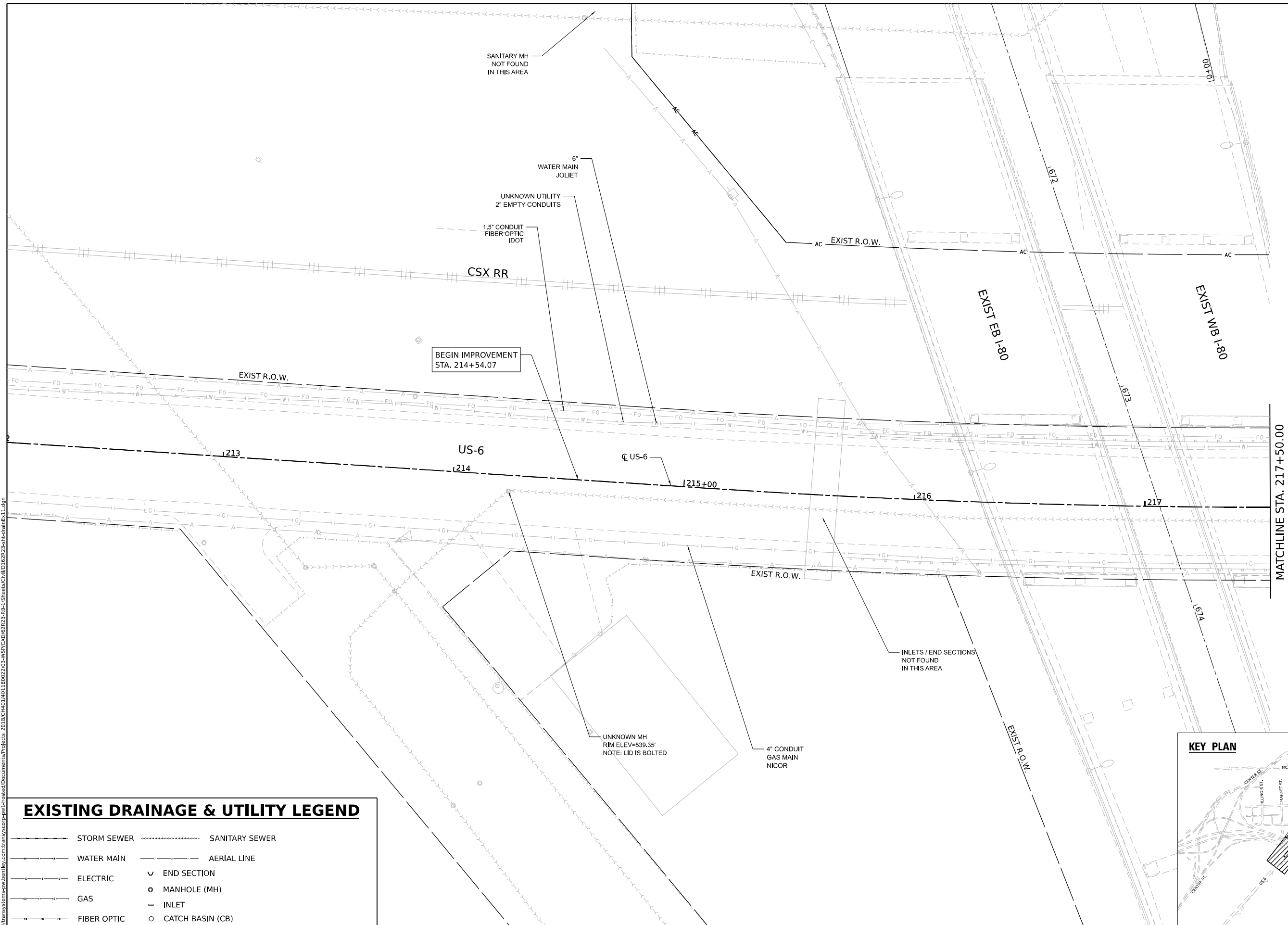
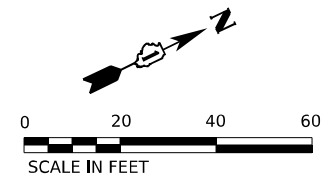


EXISTING DRAINAGE & UTILITY LEGEND	
	STORM SEWER
	SANITARY SEWER
	WATER MAIN
	ELECTRIC
	GAS
	FIBER OPTIC
	AERIAL LINE
	END SECTION
	MANHOLE (MH)
	INLET
	CATCH BASIN (CB)



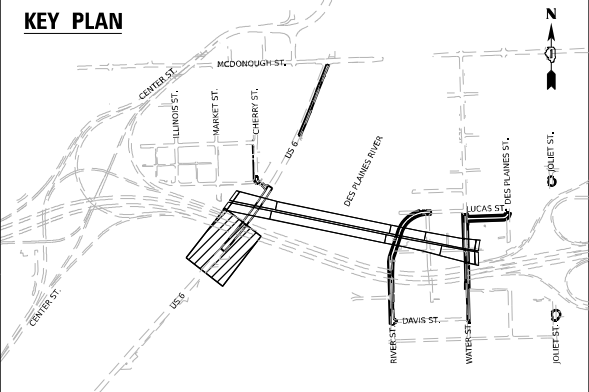
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WSP USA INC. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-8150	USER NAME = USHC706648 PLOT SCALE = 100,000' / in. PLOT DATE = 11/6/2025	DESIGNED - SSM DRAWN - CC CHECKED - HC DATE - 11/7/2025	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING DRAINAGE AND UTILITIES PLAN</b> <b>I-80</b>		F.A.I. RTE. = 80 SECTION = FAI 80 21 STRUCTURE 2 COUNTY = ILLINOIS TOTAL SHEETS = 1230 SHEET NO. = 324
	SCALE: 1" = 50' SHEET 4 OF 4 SHEETS STA. TO STA.				CONTRACT NO. 62R23 ILLINOIS FED. AID PROJECT		



**EXISTING DRAINAGE & UTILITY LEGEND**

- STORM SEWER
- WATER MAIN
- ELECTRIC
- GAS
- FIBER OPTIC
- SANITARY SEWER
- AERIAL LINE
- ✓ END SECTION
- MANHOLE (MH)
- = INLET
- CATCH BASIN (CB)



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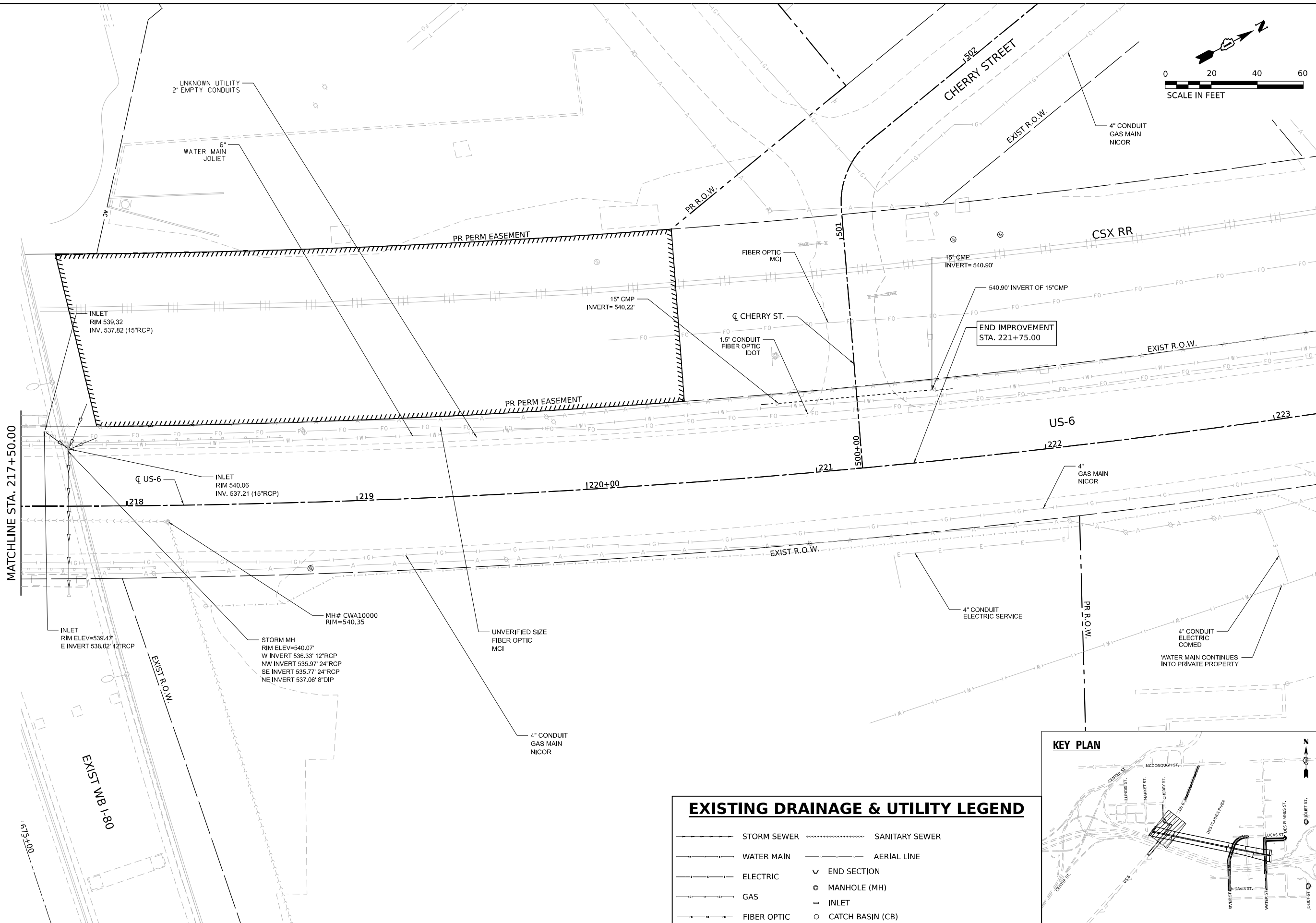
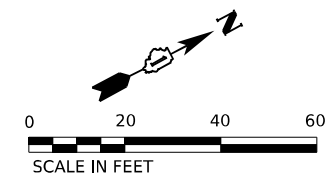


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

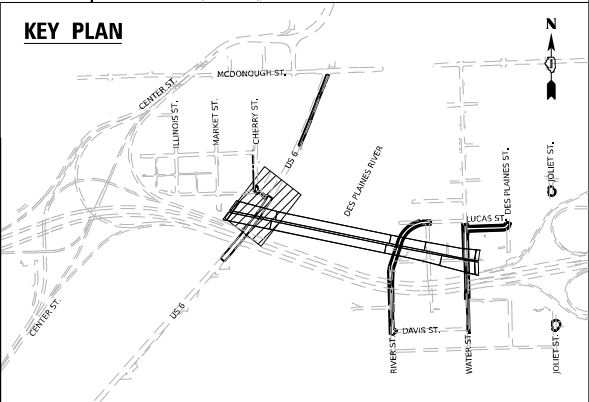
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<b>US-6</b>	
SCALE: 1"=20'	SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	325
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



**EXISTING DRAINAGE & UTILITY LEGEND**

- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- AERIAL LINE
- ELECTRIC
- ✓ END SECTION
- MANHOLE (MH)
- INLET
- CATCH BASIN (CB)
- FIBER OPTIC



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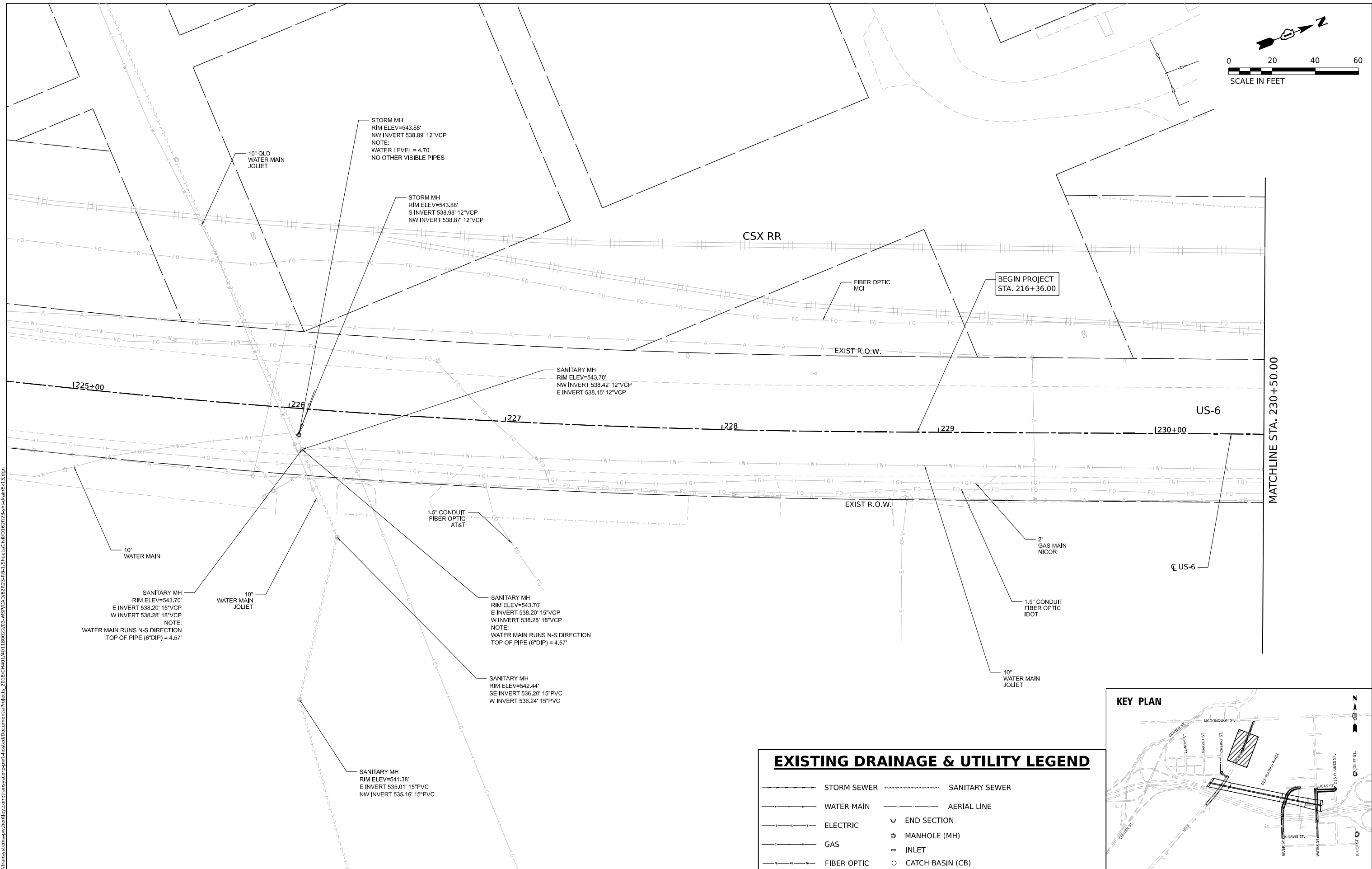
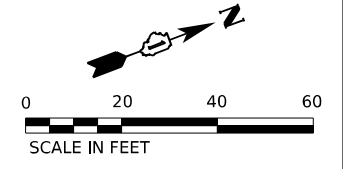


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PLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE AND UTILITY PLANS**  
**US-6**  
SCALE: 1"=20' SHEET 2 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	326
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

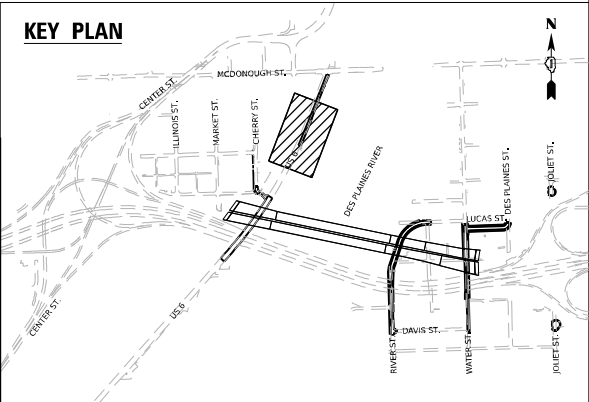


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MATCHLINE STA. 230+50.00

**EXISTING DRAINAGE & UTILITY LEGEND**

- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- AERIAL LINE
- ELECTRIC
- ✓ END SECTION
- MANHOLE (MH)
- INLET
- CATCH BASIN (CB)
- FIBER OPTIC

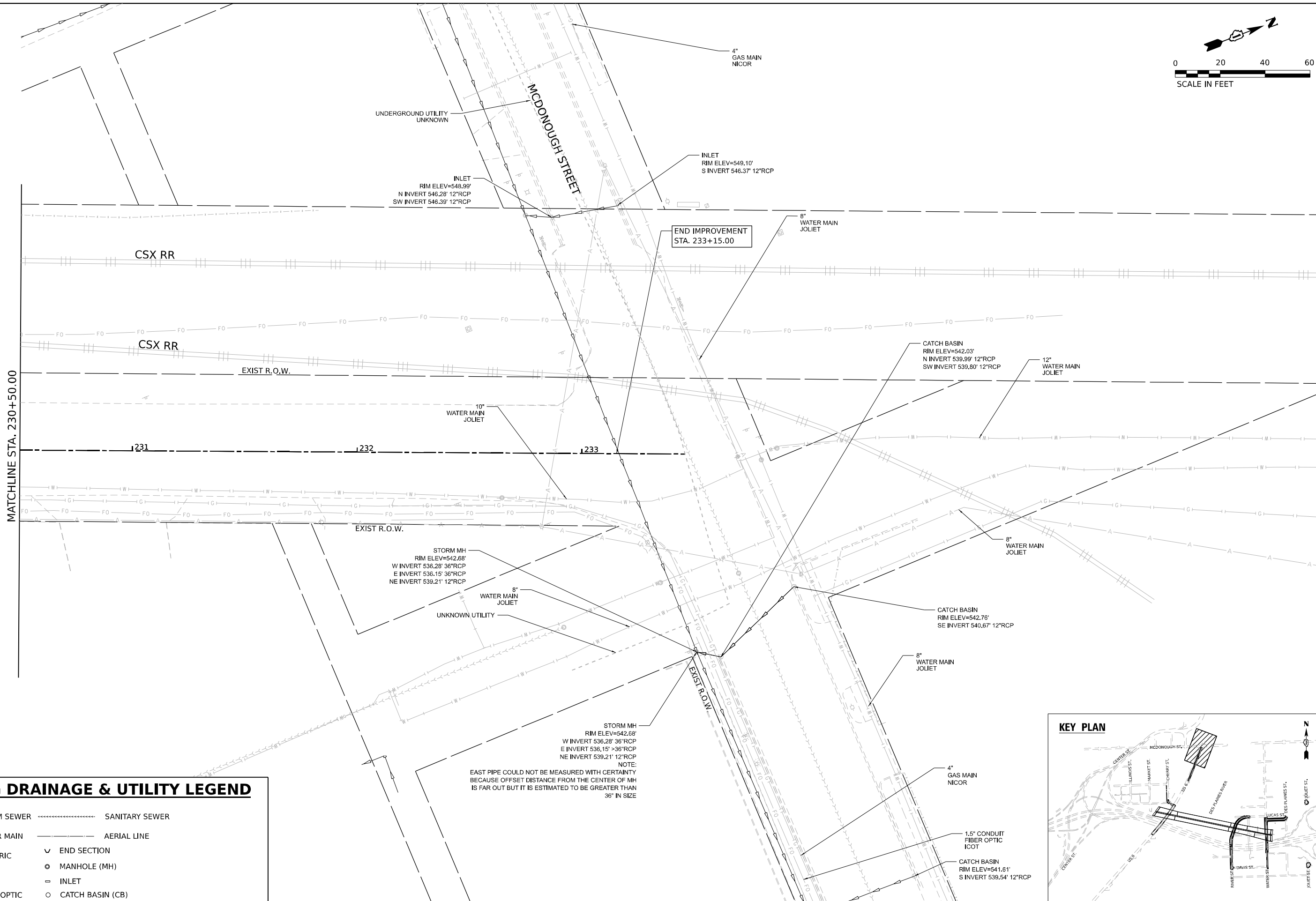
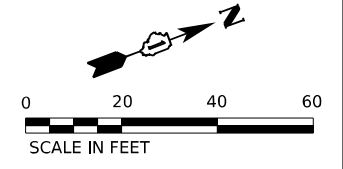


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

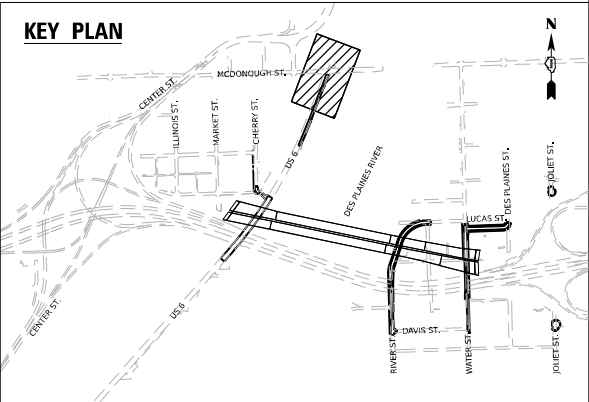
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<b>US-6</b>	
SCALE: 1"=20'	SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	327
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



### EXISTING DRAINAGE & UTILITY LEGEND

- |       |             |         |                  |
|-------|-------------|---------|------------------|
| --- S | STORM SEWER | ----- S | SANITARY SEWER   |
| --- W | WATER MAIN  | --- A   | AERIAL LINE      |
| --- E | ELECTRIC    | ✓       | END SECTION      |
| --- G | GAS         | ○       | MANHOLE (MH)     |
| --- F | FIBER OPTIC | =       | INLET            |
|       |             | ○       | CATCH BASIN (CB) |



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WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-8150

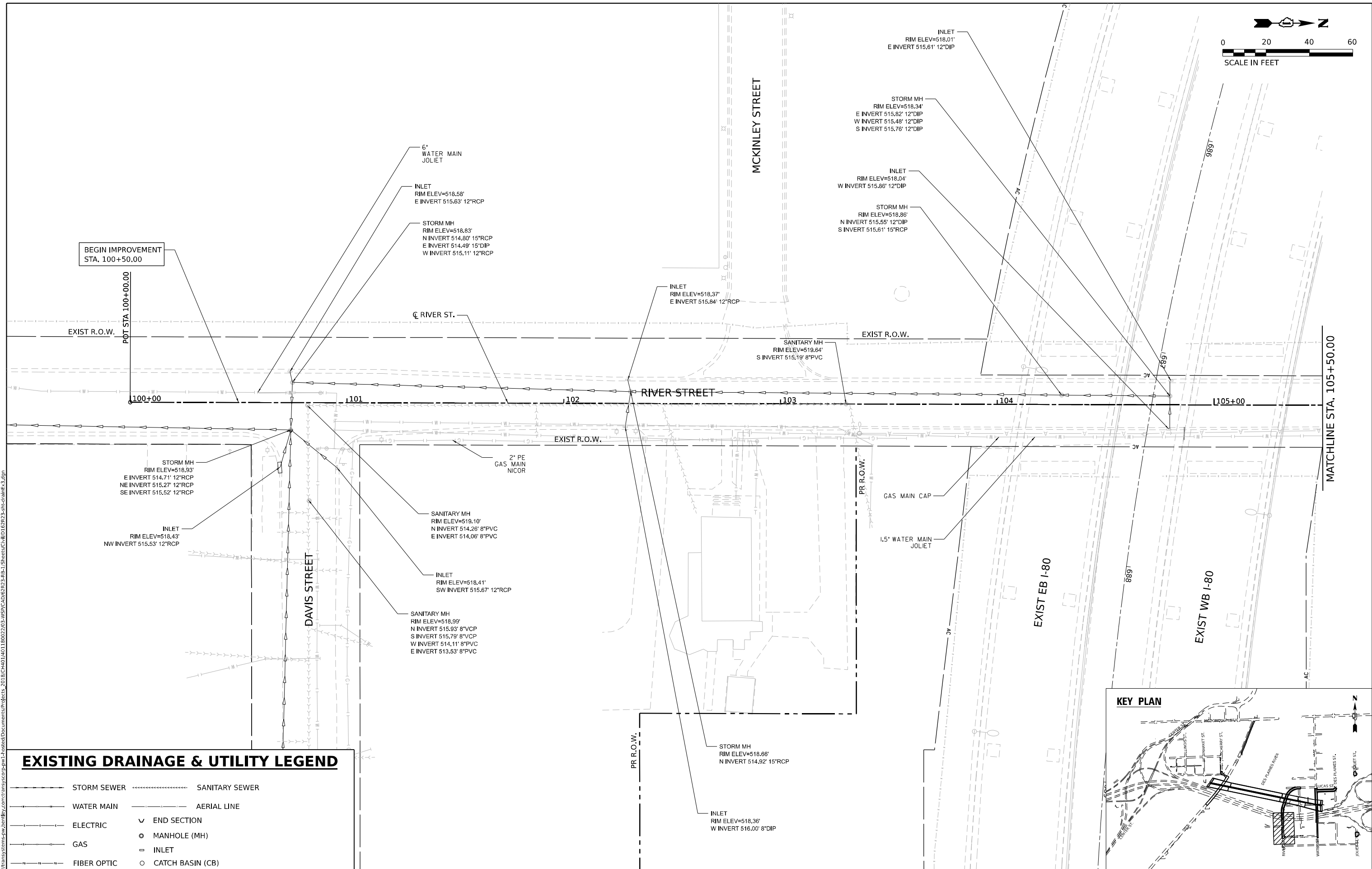
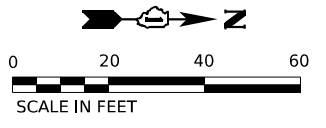
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PLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISED -

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### EXISTING DRAINAGE AND UTILITY PLANS US-6

SCALE: 1"=20'    SHEET 4 OF 12 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	328
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

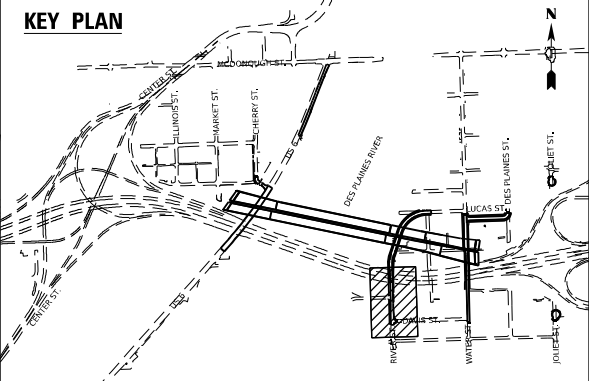


BEGIN IMPROVEMENT  
STA. 100+50.00

MATCHLINE STA. 105+50.00

**EXISTING DRAINAGE & UTILITY LEGEND**

- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- AERIAL LINE
- ELECTRIC
- GAS
- FIBER OPTIC
- END SECTION
- MANHOLE (MH)
- INLET
- CATCH BASIN (CB)



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WSP USA INC.  
30 N. LASALLE STREET  
SUITE 4700  
CHICAGO, IL 60602  
TEL: (312) 782-8150

USER NAME	= USHC706648	DESIGNED	- SSM
DRAWN	- CC	REVISED	-
PLOT SCALE	= 40.000' / in.	CHECKED	- HC
PLOT DATE	= 11/6/2025	DATE	- 11/7/2025

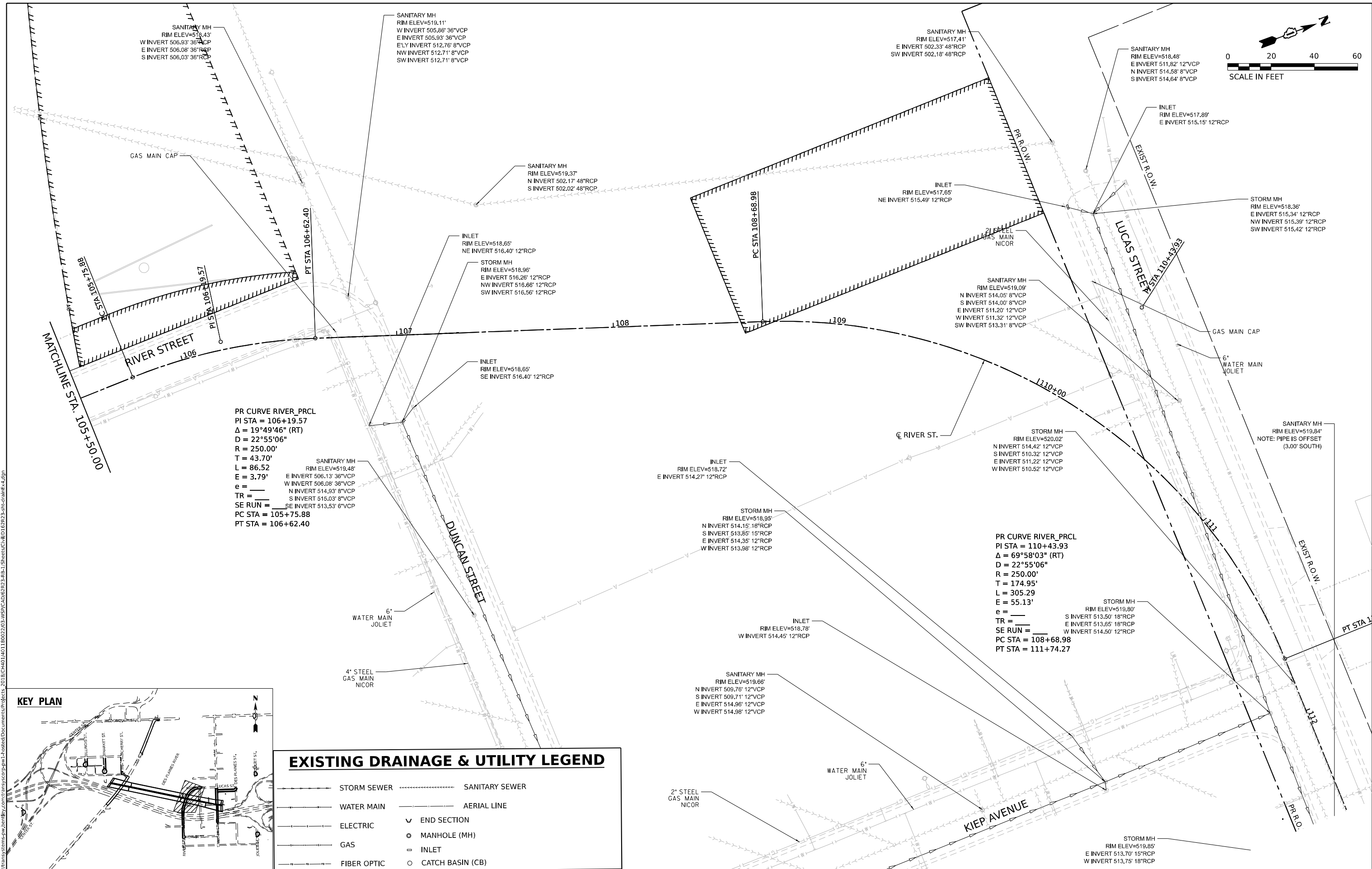
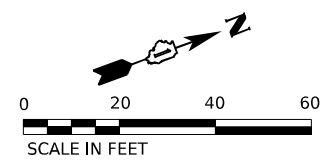
REVISED	-
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE AND UTILITY PLANS  
RIVER STREET**

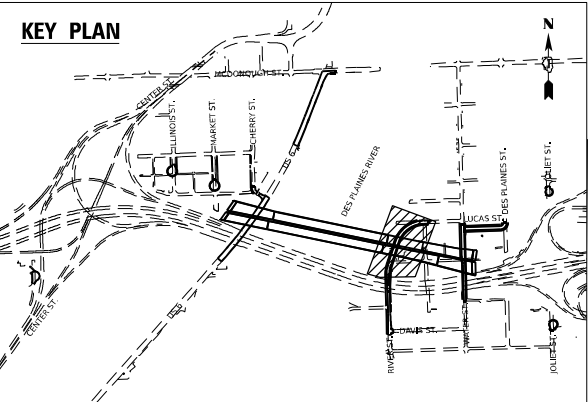
SCALE: 1"=20' SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	329
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



PR CURVE RIVER\_PRCL  
 PI STA = 106+19.57  
 $\Delta = 19^\circ 49' 46''$  (RT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 43.70'$   
 $L = 86.52'$   
 $E = 3.79'$   
 $e = \text{---}$   
 $TR = \text{---}$   
 $SE \text{ RUN} = \text{---}$   
 $PC \text{ STA} = 105+75.88$   
 $PT \text{ STA} = 106+62.40$

PR CURVE RIVER\_PRCL  
 PI STA = 110+43.93  
 $\Delta = 69^\circ 58' 03''$  (RT)  
 $D = 22^\circ 55' 06''$   
 $R = 250.00'$   
 $T = 174.95'$   
 $L = 305.29'$   
 $E = 55.13'$   
 $e = \text{---}$   
 $TR = \text{---}$   
 $SE \text{ RUN} = \text{---}$   
 $PC \text{ STA} = 108+68.98$   
 $PT \text{ STA} = 111+74.27$



EXISTING DRAINAGE & UTILITY LEGEND			
	STORM SEWER		SANITARY SEWER
	WATER MAIN		AERIAL LINE
	ELECTRIC		END SECTION
	GAS		MANHOLE (MH)
	FIBER OPTIC		INLET
			CATCH BASIN (CB)



USER NAME	= USHC706648
DESIGNED	- SSM
DRAWN	- CC
CHECKED	- HC
DATE	- 11/7/2025
PLOT SCALE	= 40,000' / in.
PLOT DATE	= 11/6/2025

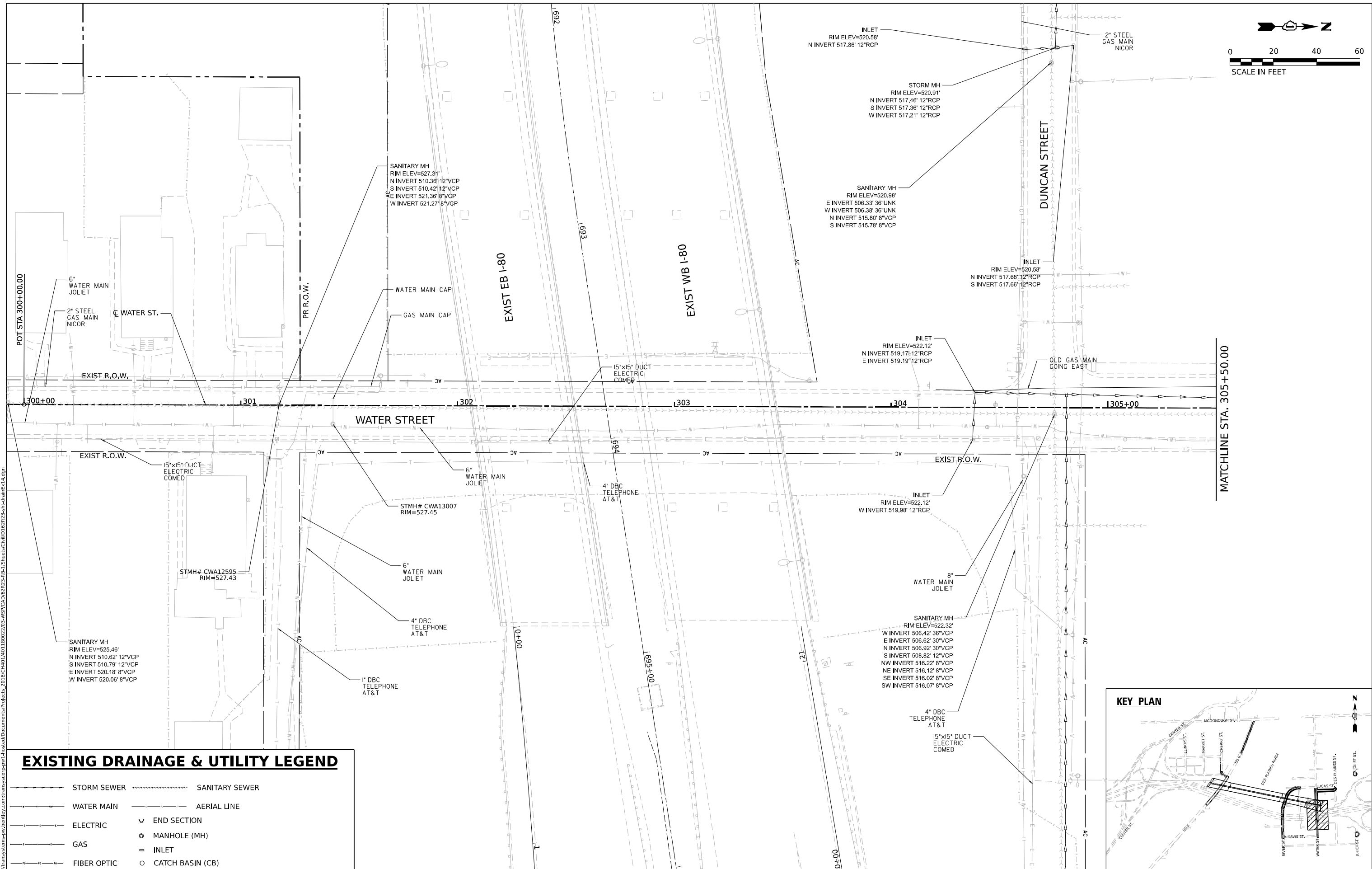
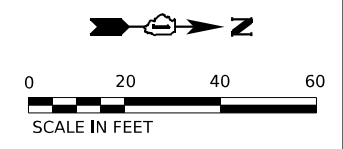
DESIGNED	- SSM	REVISED	-
DRAWN	- CC	REVISED	-
CHECKED	- HC	REVISED	-
DATE	- 11/7/2025	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING DRAINAGE AND UTILITY PLAN</b>			
<b>RIVER STREET</b>			
SCALE: 1"=20'	SHEET 6 OF 12 SHEETS	STA.	TO STA.

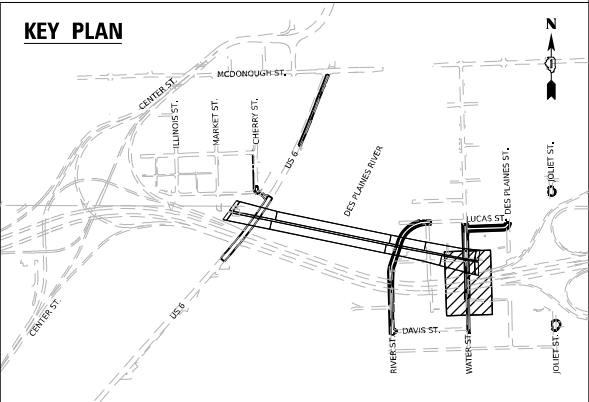
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	330
CONTRACT NO. 62R23				
ILLINOIS		FED. AID PROJECT		





**EXISTING DRAINAGE & UTILITY LEGEND**

- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- AERIAL LINE
- ELECTRIC
- ✓ END SECTION
- MANHOLE (MH)
- INLET
- CATCH BASIN (CB)
- GAS
- FIBER OPTIC



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 PROJECT: ...  
 DATE: ...

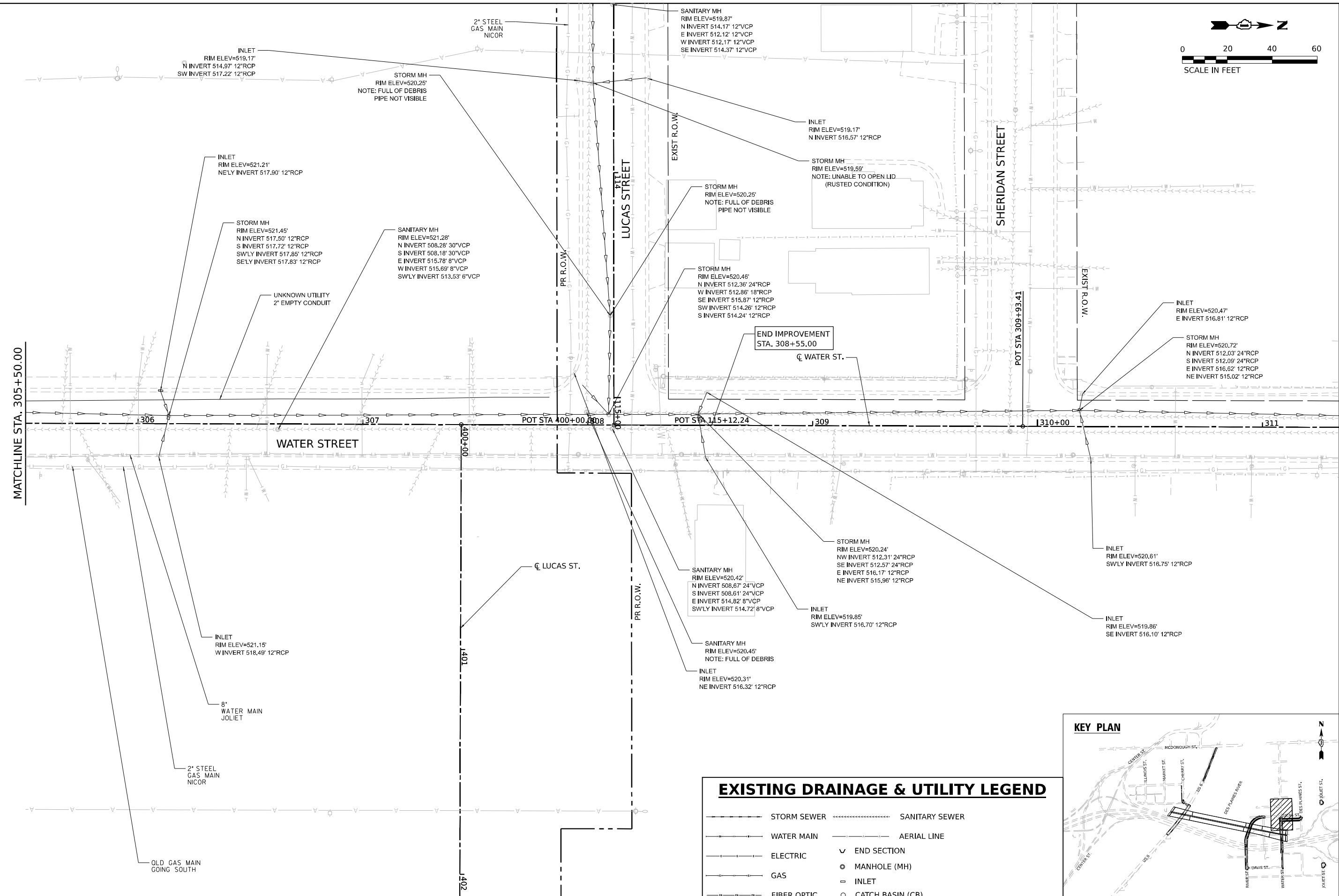
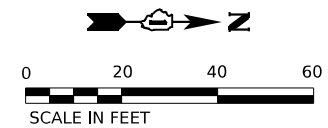


USER NAME = USHC706648	DESIGNED - SSM	REVISED -
DRAWN - CC	REVISED -	
PLOT SCALE = 40,000' / in.	CHECKED - HC	REVISED -
PLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

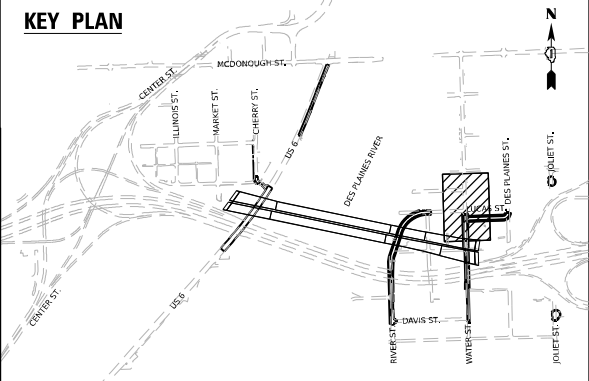
<b>EXISTING DRAINAGE AND UTILITY PLANS</b>	
<b>WATER STREET</b>	
SCALE: 1"=20'	SHEET 8 OF 12 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 332
			CONTRACT NO. 62R23	
ILLINOIS FED. AID PROJECT				



**EXISTING DRAINAGE & UTILITY LEGEND**

- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- AERIAL LINE
- ELECTRIC
- GAS
- FIBER OPTIC
- END SECTION
- MANHOLE (MH)
- INLET
- CATCH BASIN (CB)



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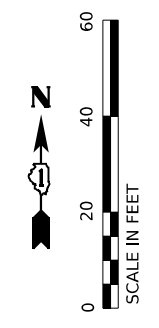
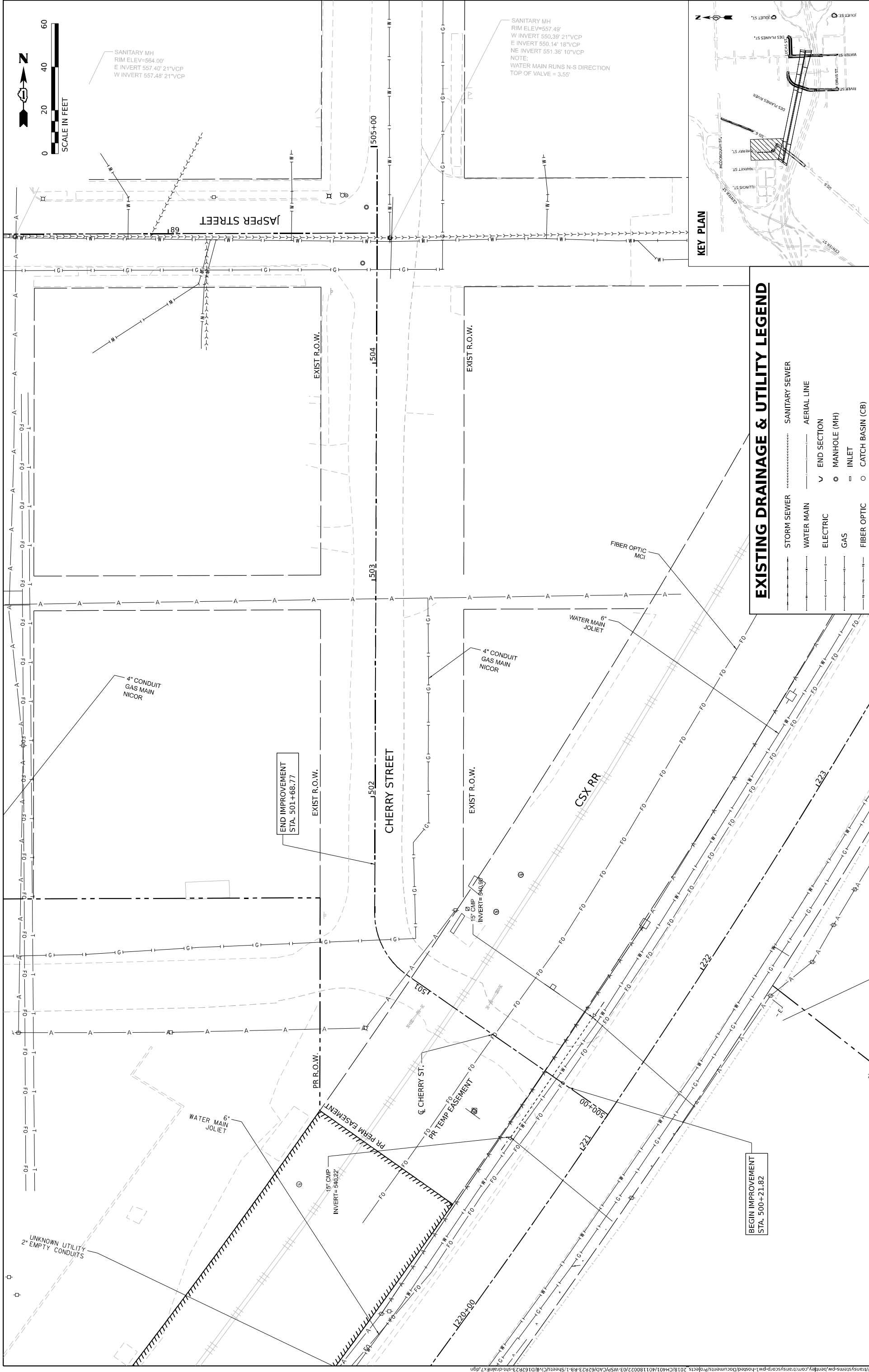
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DRAWN - CC	REVISOR -	
PLOT SCALE = 40,000' / in.	CHECKED - HC	REVISED -
PLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE AND UTILITY PLANS**  
**WATER STREET**

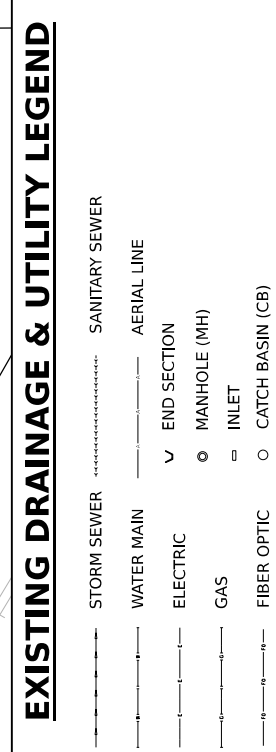
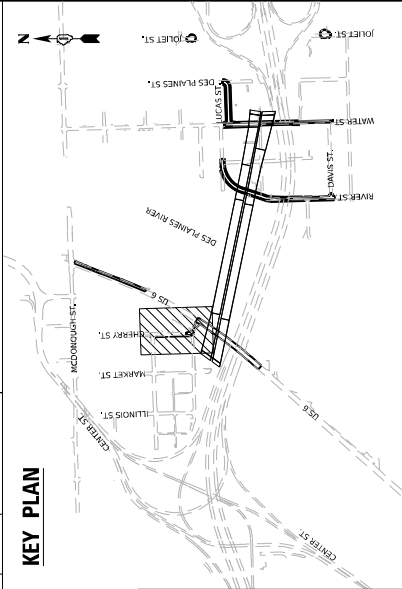
SCALE: 1"=20'      SHEET 9 OF 12 SHEETS      STA.      TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 333
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	



SANITARY MH  
RIM ELEV=564.00'  
E INVERT 557.40' 21"VCP  
W INVERT 557.48' 21"VCP

SANITARY MH  
RIM ELEV=557.49'  
W INVERT 550.39' 21"VCP  
E INVERT 550.14' 18"VCP  
NE INVERT 551.36' 10"VCP  
NOTE:  
WATER MAIN RUNS N-S DIRECTION  
TOP OF VALVE = 3.55'




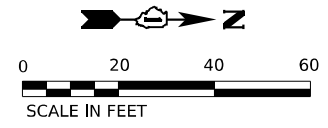
F.A.J. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 334
ILLINOIS   FED. AID PROJECT			CONTRACT NO. 62R23	

STATE OF ILLINOIS		DEPARTMENT OF TRANSPORTATION	
SCALE: 1"=20'	SHEET 10	OF 12	SHEETS STA. TO STA.

DESIGNED - SSM	REVISED -
DRAWN - CC	REVISED -
CHECKED - HC	REVISED -
DATE - 11/7/2025	REVISED -

USER NAME = USHC706648	DESIGNED - SSM	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - CC	REVISED -
PLOT DATE = 11/6/2025	CHECKED - HC	REVISED -


 WSP USA, Inc.  
 201 N. LASALLE STREET  
 SUITE 2000  
 CHICAGO, IL 60602  
 TEL (312) 782-2150



SANITARY MH  
RIM ELEV=522.18'  
W INVERT 514.23' 15"VCP  
E INVERT 514.02' 15"VCP  
N INVERT 517.61' 8"VCP  
S INVERT 517.43' 8"VCP

STREET LIGHTING  
IDOT

6" WATER MAIN  
JOLIET

6" WATER MAIN  
JOLIET

2" STEEL GAS MAIN  
NICOR

STMH# 41656  
RIM=548.53

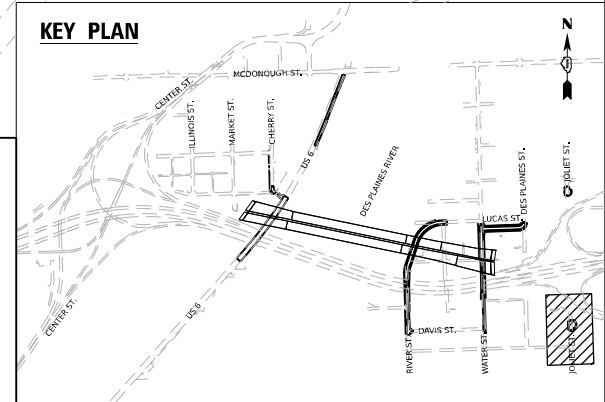
SANITARY MH  
RIM ELEV=548.42'

NOTE:  
PIPES ARE NOT VISIBLE  
WATER LEVEL=38.37'

SANITARY MH  
RIM ELEV=523.85'  
N INVERT 506.75' 48"UNK  
S INVERT 506.67' 48"UNK  
NOTE:  
WEST PIPE IS NOT VISIBLE

**EXISTING DRAINAGE & UTILITY LEGEND**

- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- AERIAL LINE
- ELECTRIC
- ✓ END SECTION
- MANHOLE (MH)
- INLET
- CATCH BASIN (CB)
- GAS
- FIBER OPTIC



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EXISTING DRAINAGE AND UTILITY PLAN  
JOLIET STREET – SOUTH**

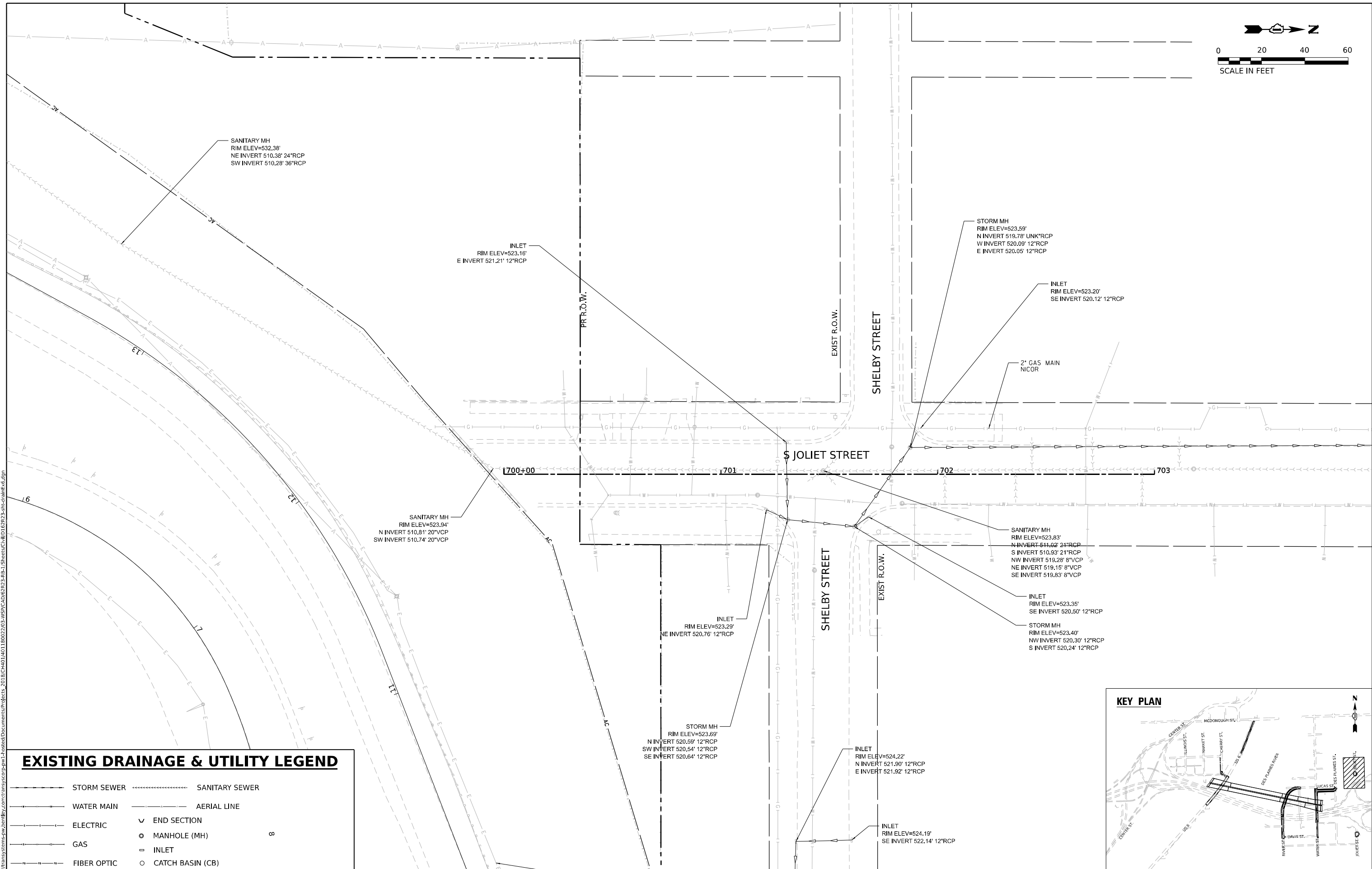
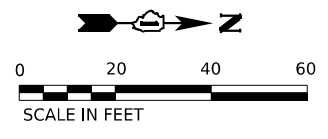
SCALE: 1"=20' SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	335
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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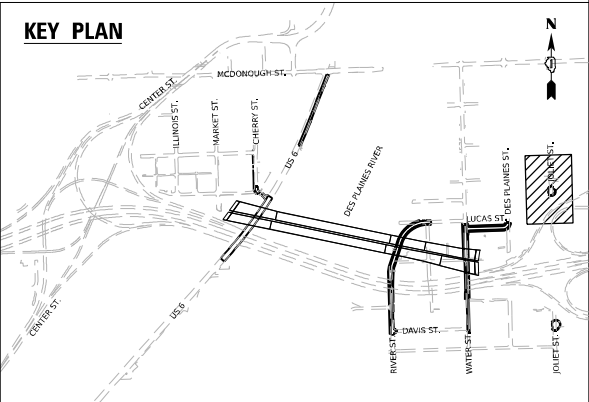


USER NAME = USHC706648	DESIGNED - SSM	REVISED -
	DRAWN - CC	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED - HC	REVISED -
PLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISED -



### EXISTING DRAINAGE & UTILITY LEGEND

	STORM SEWER		SANITARY SEWER
	WATER MAIN		AERIAL LINE
	ELECTRIC		END SECTION
	GAS		MANHOLE (MH)
	FIBER OPTIC		INLET
			CATCH BASIN (CB)



MODEL: D:\default\pwworkspace\pwworkspace\projects\2018\C40140118002703\WSP\CAD\62023-BB-1\Sheets\Civil\02R23-sh.dwg (plotted) 6/30/25  
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USER NAME	= USHC706648	DESIGNED -	SSM	REVISED -	
DRAWN	- CC	REVISOR		REVISED -	
PLOT SCALE	= 40,000' / in.	CHECKED -	HC	REVISED -	
PLOT DATE	= 11/6/2025	DATE	- 11/7/2025	REVISED -	

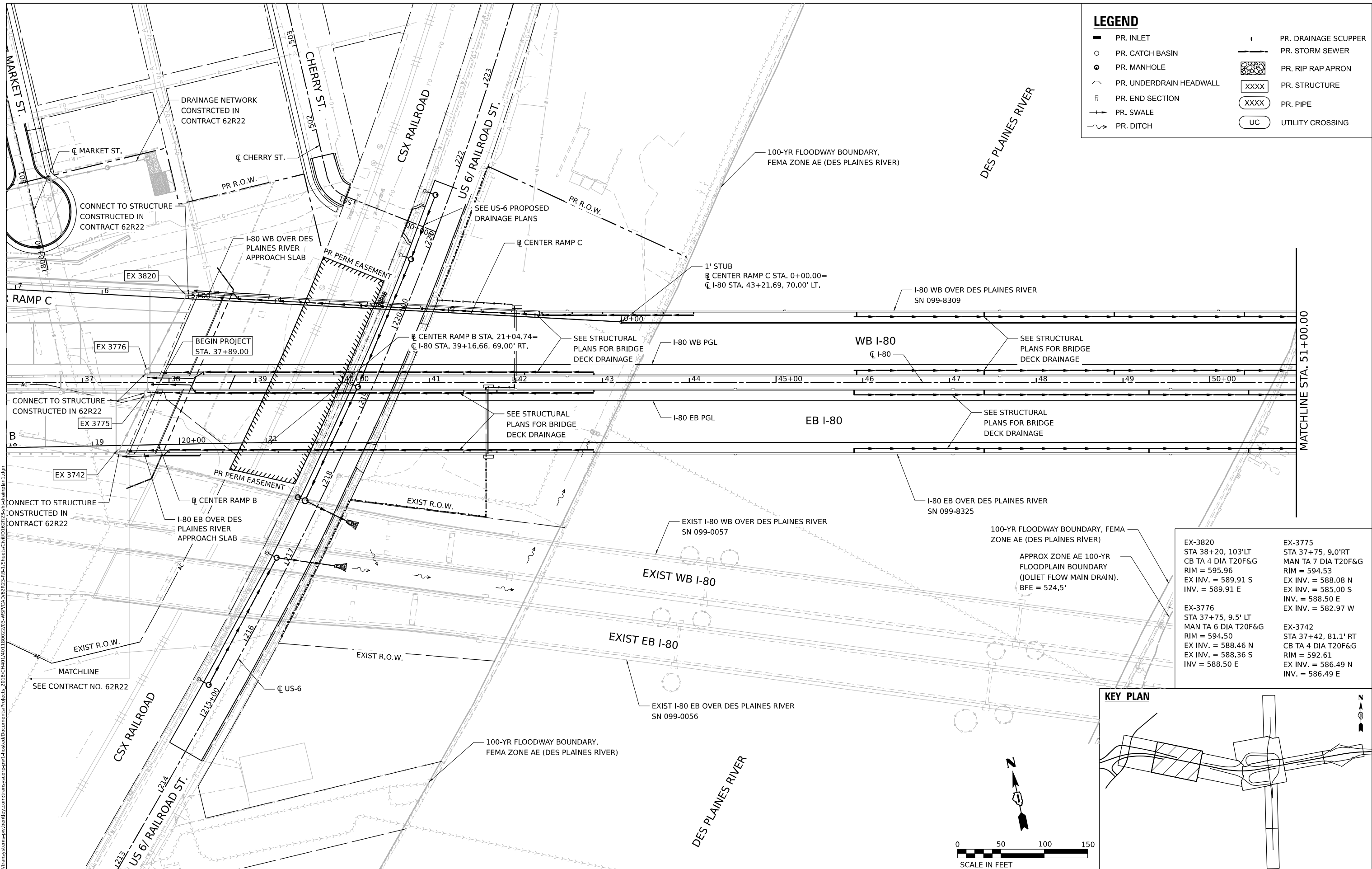
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>EXISTING DRAINAGE AND UTILITY PLAN JOLIET STREET - NORTH</b>	
SCALE: 1"=20'	SHEET 12 OF 12 SHEETS STA. TO STA.

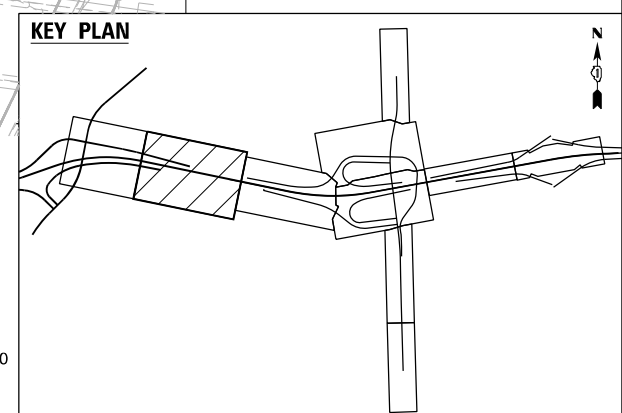
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	336
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

**LEGEND**

—	PR. INLET	—	PR. DRAINAGE SCUPPER
○	PR. CATCH BASIN	—	PR. STORM SEWER
⊙	PR. MANHOLE	▨	PR. RIP RAP APRON
∩	PR. UNDERDRAIN HEADWALL	XXXX	PR. STRUCTURE
⊞	PR. END SECTION	XXXX	PR. PIPE
—	PR. SWALE	UC	UTILITY CROSSING
~	PR. DITCH		



<p>EX-3820 STA 38+20, 103'LT CB TA 4 DIA T20F&amp;G RIM = 595.96 EX INV. = 589.91 S INV. = 589.91 E</p>	<p>EX-3775 STA 37+75, 9.0'RT MAN TA 7 DIA T20F&amp;G RIM = 594.53 EX INV. = 588.08 N EX INV. = 585.00 S INV. = 588.50 E EX INV. = 582.97 W</p>
<p>EX-3776 STA 37+75, 9.5' LT MAN TA 6 DIA T20F&amp;G RIM = 594.50 EX INV. = 588.46 N EX INV. = 588.36 S INV. = 588.50 E</p>	<p>EX-3742 STA 37+42, 81.1' RT CB TA 4 DIA T20F&amp;G RIM = 592.61 EX INV. = 586.49 N INV. = 586.49 E</p>



WSP USA INC.  
30 N. LASALLE STREET  
SUITE 4200  
CHICAGO, IL 60602  
TEL: (312) 782-8150

USER NAME = USHC706648	AKG	DESIGNED - DB	REVISED -
	SSM	DRAWN - HC	REVISED -
PLOT SCALE = 100,000' / in.	KS	CHECKED - KS	REVISED -
PLOT DATE = 11/6/2025		DATE - 11/7/2025	REVISED -

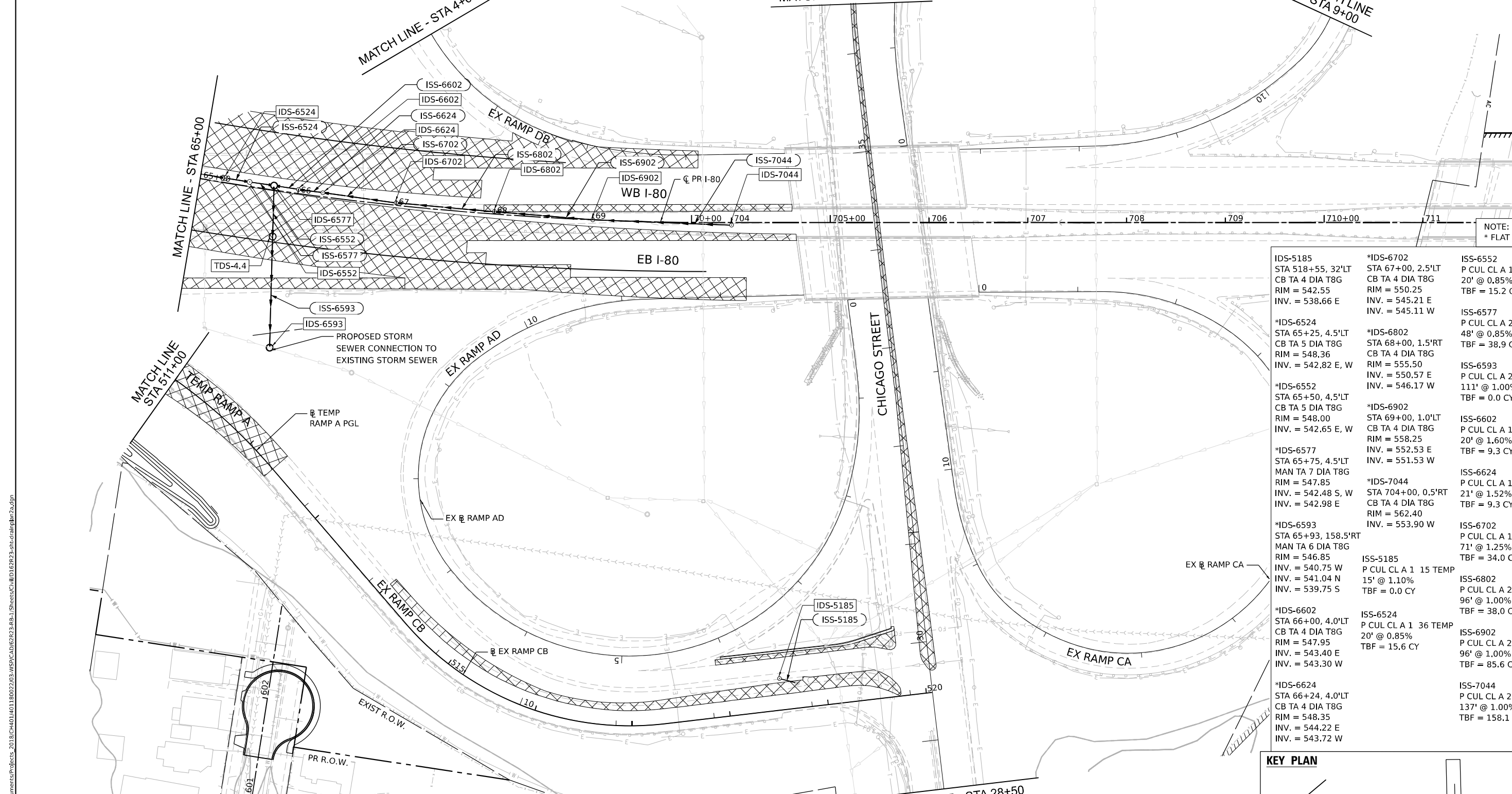
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE AND UTILITY PLAN**  
**I-80**

SCALE: 1" = 50'    SHEET 1 OF 4 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	337
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				





NOTE:  
\* FLAT SLAB TOP

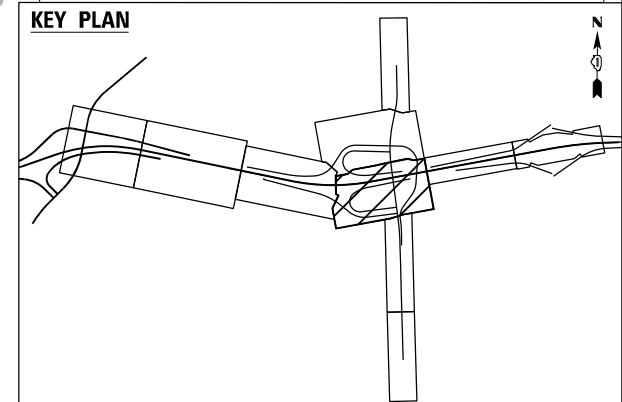
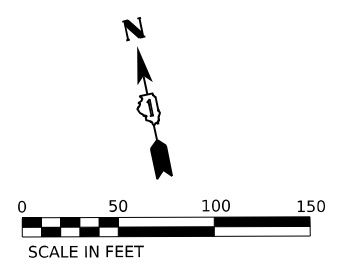
IDS-5185 STA 518+55, 32'LT CB TA 4 DIA T8G RIM = 542.55 INV. = 538.66 E	*IDS-6702 STA 67+00, 2.5'LT CB TA 4 DIA T8G RIM = 550.25 INV. = 545.21 E INV. = 545.11 W	ISS-6552 P CUL CL A 1 36 TEMP 20' @ 0.85% TBF = 15.2 CY
*IDS-6524 STA 65+25, 4.5'LT CB TA 5 DIA T8G RIM = 548.36 INV. = 542.82 E, W	*IDS-6802 STA 68+00, 1.5'RT CB TA 4 DIA T8G RIM = 555.50 INV. = 550.57 E INV. = 546.17 W	ISS-6577 P CUL CL A 2 36 TEMP 48' @ 0.85% TBF = 38.9 CY
*IDS-6552 STA 65+50, 4.5'LT CB TA 5 DIA T8G RIM = 548.00 INV. = 542.65 E, W	*IDS-6902 STA 69+00, 1.0'LT CB TA 4 DIA T8G RIM = 558.25 INV. = 552.53 E INV. = 551.53 W	ISS-6593 P CUL CL A 2 36 TEMP 111' @ 1.00% TBF = 0.0 CY
*IDS-6577 STA 65+75, 4.5'LT MAN TA 7 DIA T8G RIM = 547.85 INV. = 542.48 S, W INV. = 542.98 E	*IDS-7044 STA 704+00, 0.5'RT CB TA 4 DIA T8G RIM = 562.40 INV. = 553.90 W	ISS-6602 P CUL CL A 1 24 TEMP 20' @ 1.60% TBF = 9.3 CY
*IDS-6593 STA 65+93, 158.5'RT MAN TA 6 DIA T8G RIM = 546.85 INV. = 540.75 W INV. = 541.04 N INV. = 539.75 S	ISS-5185 P CUL CL A 1 15 TEMP 15' @ 1.10% TBF = 0.0 CY	ISS-6624 P CUL CL A 1 24 TEMP 21' @ 1.52% TBF = 9.3 CY
*IDS-6602 STA 66+00, 4.0'LT CB TA 4 DIA T8G RIM = 547.95 INV. = 543.40 E INV. = 543.30 W	ISS-6524 P CUL CL A 1 36 TEMP 20' @ 0.85% TBF = 15.6 CY	ISS-6702 P CUL CL A 1 24 TEMP 71' @ 1.25% TBF = 34.0 CY
*IDS-6624 STA 66+24, 4.0'LT CB TA 4 DIA T8G RIM = 548.35 INV. = 544.22 E INV. = 543.72 W	ISS-6902 P CUL CL A 2 24 TEMP 96' @ 1.00% TBF = 85.6 CY	ISS-7044 P CUL CL A 2 24 TEMP 137' @ 1.00% TBF = 158.1 CY

**LEGEND**

— PR. INLET	— PR. STORM SEWER
○ PR. CATCH BASIN	— PR. PIPE UNDERDRAIN
● PR. MANHOLE	▨ PR. RIP RAP APRON
— PR. UNDERDRAIN HEADWALL	XXXX PR. STRUCTURE
▭ PR. END SECTION	○ XXXX PR. PIPE
— PR. SWALE	— PR. DITCH

**NOTES:**

1. FOR PIPE UNDERDRAIN DETAILS AND SCHEDULE, SEE SHEET 385
2. FOR PLACEMENT OF DRAINAGE STRUCTURE, SEE SHEET 383
3. FOR RIPRAP DETAILS, SEE SHEET 384



WSP USA INC.  
30 N. LASALLE STREET  
SUITE 4200  
CHICAGO, IL 60602  
TEL: (312) 782-8150

USER NAME = USHC706648	DESIGNED - AKG	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN - SSM	REVISED -
PLOT DATE = 11/6/2025	CHECKED - KS	REVISED -
	DATE - 11/7/2025	REVISED -

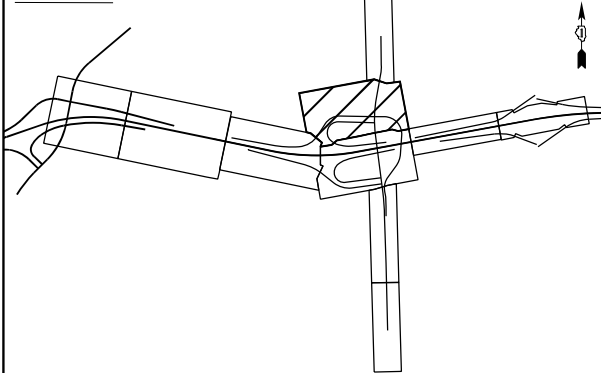
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE AND UTILITY PLAN  
I-80**

SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 339
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

**KEY PLAN**



**LEGEND**

- PR. INLET
- PR. CATCH BASIN
- PR. MANHOLE
- PR. UNDERDRAIN HEADWALL
- PR. END SECTION
- PR. SWALE
- PR. STORM SEWER
- PR. PIPE UNDERDRAIN
- PR. RIP RAP APRON
- PR. STRUCTURE
- PR. PIPE
- PR. DITCH

**NOTES:**

1. FOR PIPE UNDERDRAIN DETAILS AND SCHEDULE, SEE SHEET 385
2. FOR PLACEMENT OF DRAINAGE STRUCTURE, SEE SHEET 383
3. FOR RIPRAP DETAILS, SEE SHEET 384

IDS-1074  
 STA 107+44, 50.1'LT  
 CB TA 5 DIA T8G  
 RIM = 540.00  
 INV. = 526.29 S

MODEL: D:\p\...  
 FILE NAME: ...  
 PROJECT: ...  
 USER: ...  
 DATE: ...



WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-8150

USER NAME	= USHC706648
PLOT SCALE	= 100,000' / in.
PLOT DATE	= 11/6/2025

DESIGNED	- AKG
DRAWN	- SSM
CHECKED	- KS
DATE	- 11/7/2025

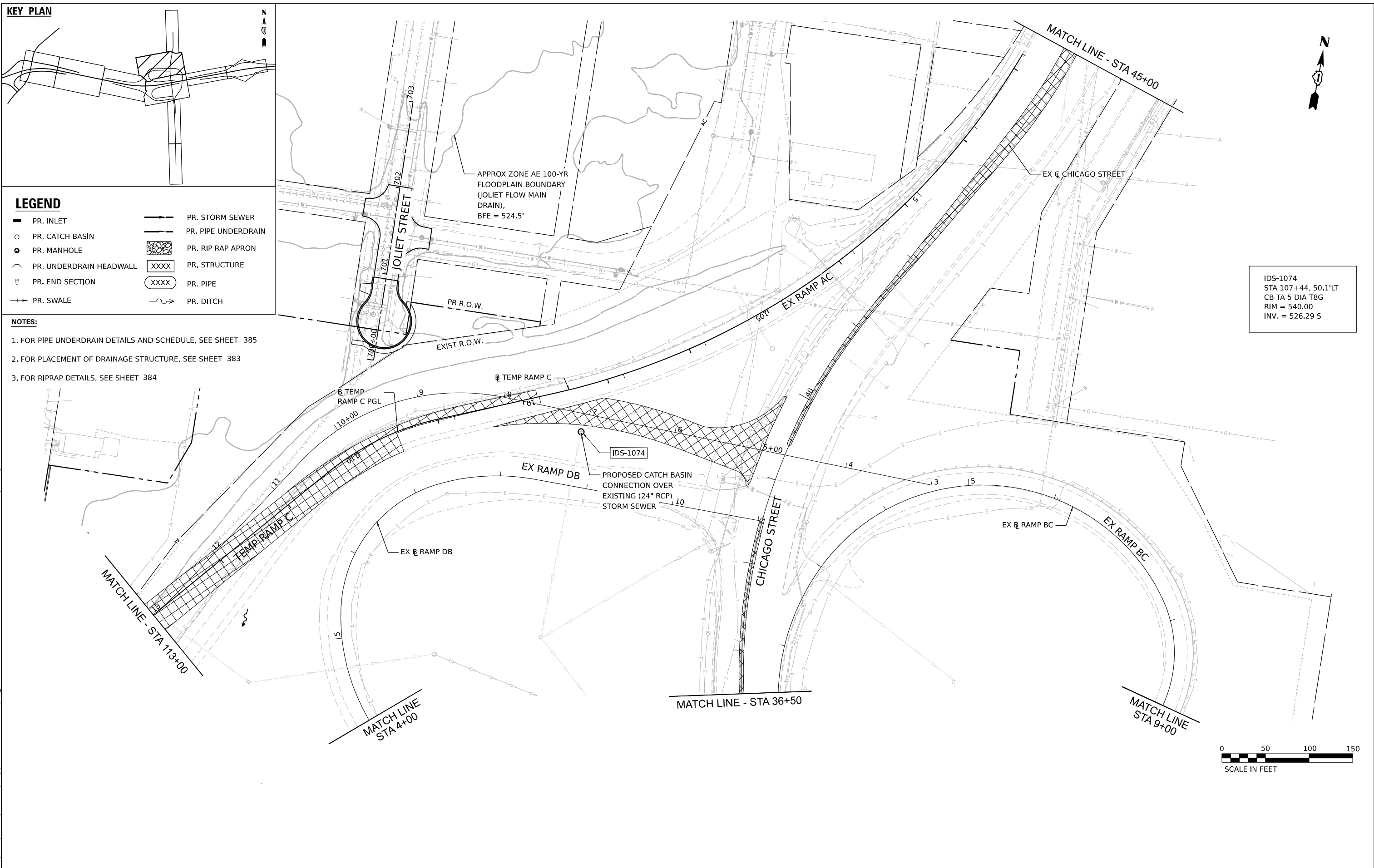
REVISED	-
REVISED	-
REVISED	-
REVISED	-

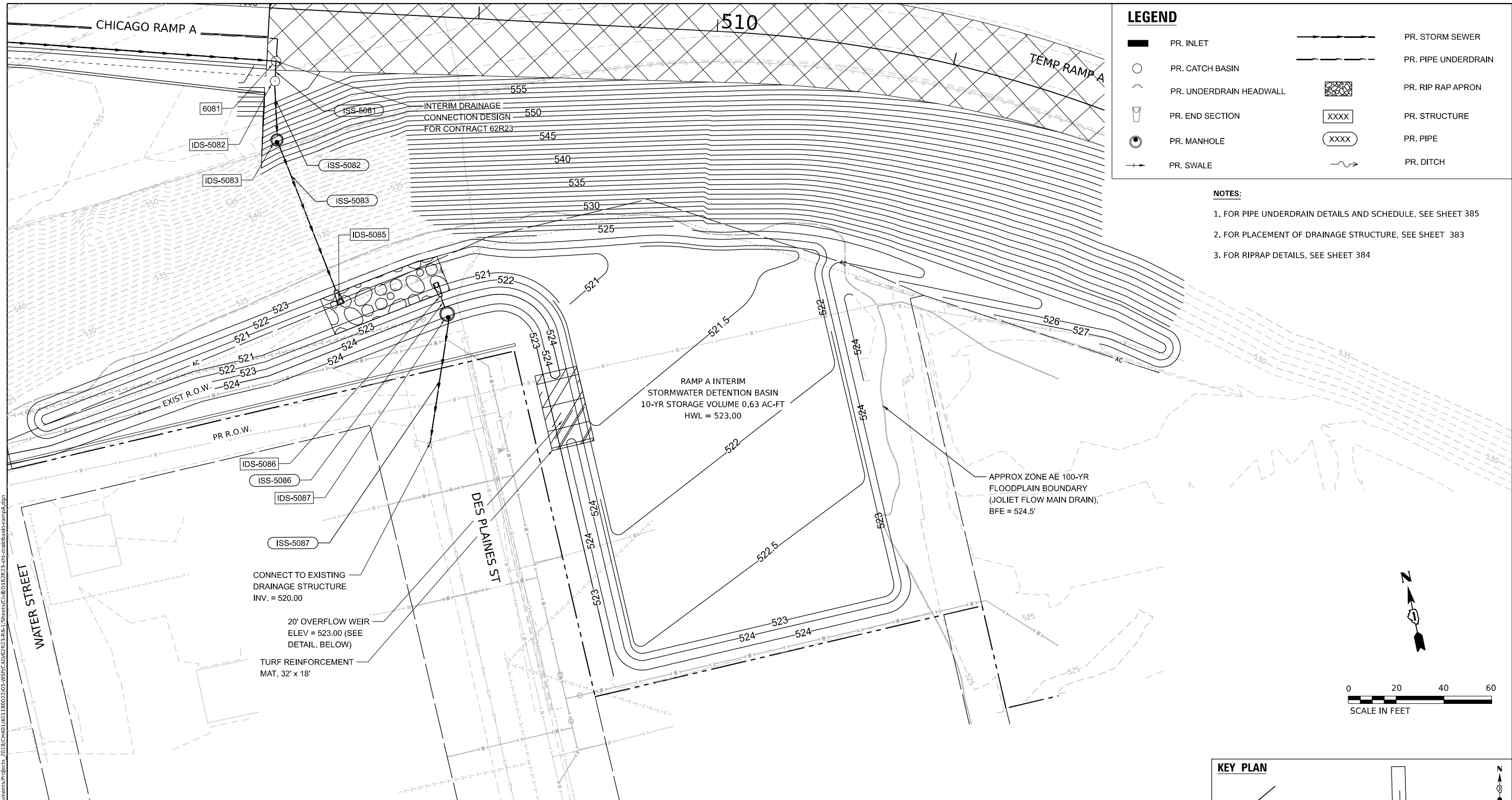
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE AND UTILITY PLAN  
 I-80**

SCALE: 1" = 50' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	340
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

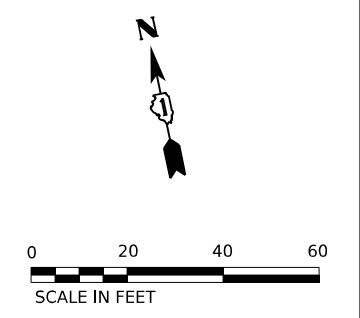




### LEGEND

	PR. INLET		PR. STORM SEWER
	PR. CATCH BASIN		PR. PIPE UNDERDRAIN
	PR. UNDERDRAIN HEADWALL		PR. RIP RAP APRON
	PR. END SECTION		PR. STRUCTURE
	PR. MANHOLE		PR. PIPE
	PR. SWALE		PR. DITCH

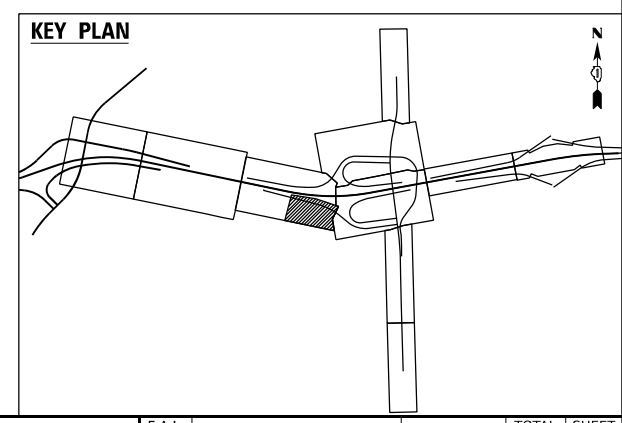
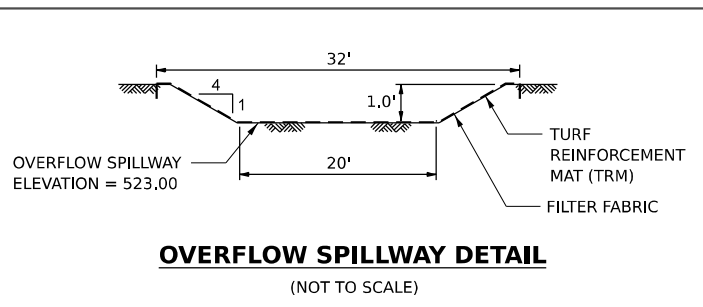
- ### NOTES:
1. FOR PIPE UNDERDRAIN DETAILS AND SCHEDULE, SEE SHEET 385
  2. FOR PLACEMENT OF DRAINAGE STRUCTURE, SEE SHEET 383
  3. FOR RIPRAP DETAILS, SEE SHEET 384



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#### DETENTION POND VOLUME (RAMP A POND)

ELEVATION	AREA	AVG AREA	DEPTH	VOL (CU. FT.)	Σ VOL (CU. FT.)	Σ VOL (AC-FT)
520.3	0.0					
521.0	2673.8	1336.9	0.7	935.8	935.8	0.02
521.5	7098.3	4886.1	0.5	2443.0	3378.9	0.08
522.0	13285.0	10191.7	0.5	5095.8	8474.7	0.19
522.5	19713.5	16499.3	0.5	8249.6	16724.3	0.38
523.0	23825.4	21769.5	0.5	10884.7	27609.0	0.63



USER NAME = USHC706648	DESIGNED - DB	REVISED -
	DRAWN - HC	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED - KS	REVISED -
PLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RAMP A  
INTERIM DETENTION POND PLAN**

SCALE: 1" = 20'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	341

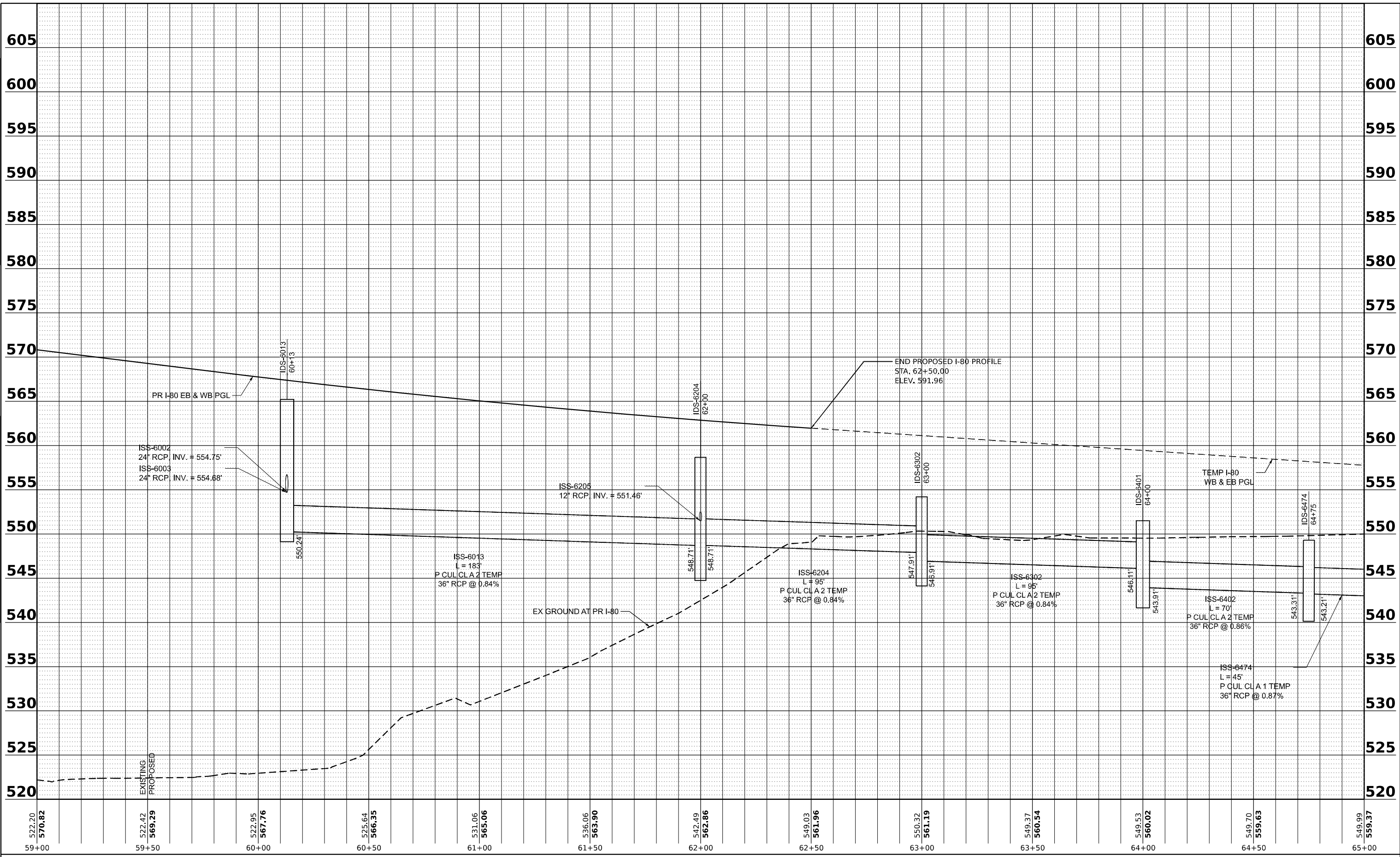
CONTRACT NO. 62R23

ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	NOTE BOOK	CADD FILE NAME
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	

MODEL: I80-DRD\_Profile-1 - Profile 1-1 (Sheet)  
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USER NAME = USHC706648	DESIGNED - DB	REVISED -
	DRAWN - HC	REVISED -
PLOT SCALE = 0.16666667' / in.	CHECKED - KS	REVISED -
PLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

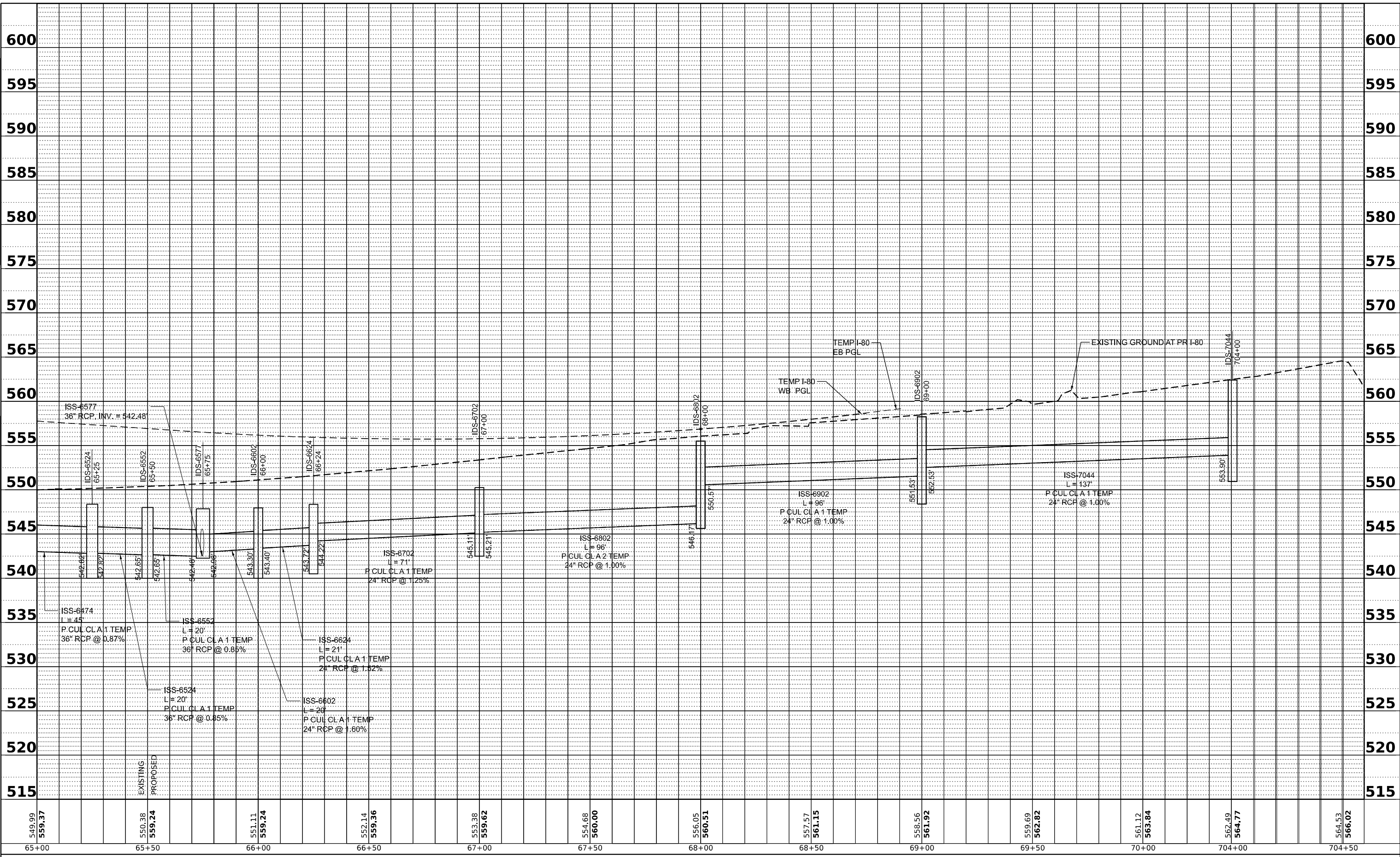
<b>PROPOSED DRAINAGE AND UTILITY PROFILE</b>			
<b>I-80</b>			
HORIZ: 1"=50'	SHEET 1	OF 2 SHEETS	STA. TO STA.
SCALE: VERT: 1"=5'			

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 342
			CONTRACT NO. 62R23	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	
	CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	

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549.99 <b>559.37</b>	65+00	550.38 <b>559.24</b>	65+50	551.11 <b>559.24</b>	66+00	552.14 <b>559.36</b>	66+50	553.38 <b>559.62</b>	67+00	554.68 <b>560.00</b>	67+50	556.05 <b>560.51</b>	68+00	557.57 <b>561.15</b>	68+50	558.56 <b>561.92</b>	69+00	559.69 <b>562.82</b>	69+50	561.12 <b>563.84</b>	70+00	562.49 <b>564.77</b>	704+00	564.53 <b>566.02</b>	704+50
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WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-8150

USER NAME	= USHC706648
DESIGNED	- DB
DRAWN	- HC
CHECKED	- KS
DATE	- 11/7/2025
PLOT SCALE	= 0.16666667 / in.
PLOT DATE	= 11/6/2025

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE AND UTILITY PROFILE  
 I-80

SCALE: HORIZ: 1"=50'  
 VERT: 1"=5'

SHEET 2 OF 2 SHEETS STA. TO STA.

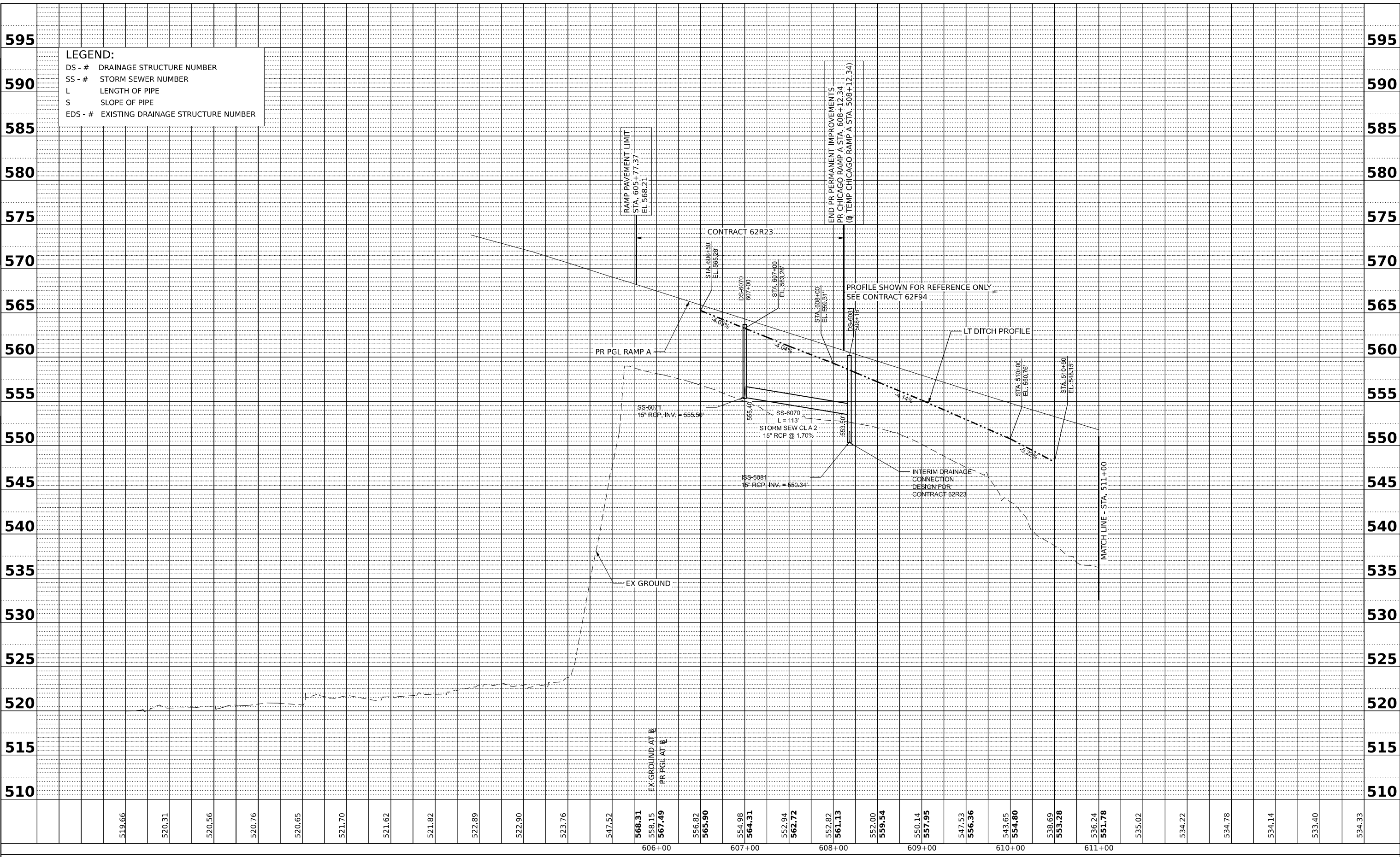
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	343
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	ALIGNMENT CHECKED	
	FIELD CHECKED	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTINGS CHKD	

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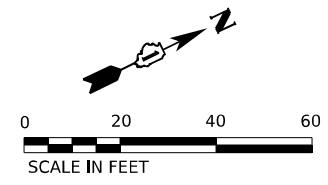


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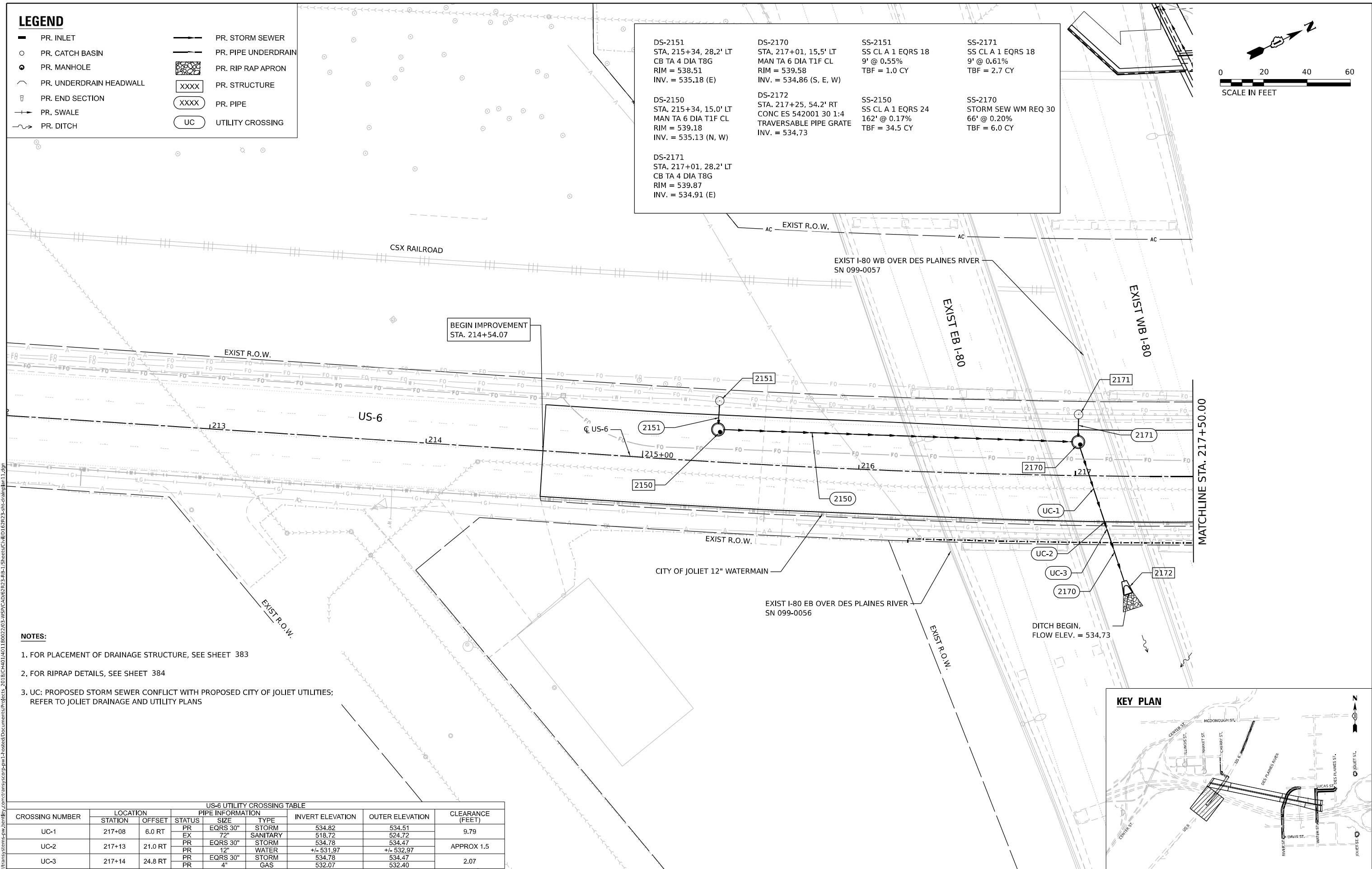
DS - #	DRAINAGE STRUCTURE NUMBER
SS - #	STORM SEWER NUMBER
L	LENGTH OF PIPE
S	SLOPE OF PIPE
EDS - #	EXISTING DRAINAGE STRUCTURE NUMBER

**LEGEND**

—	PR. INLET	—	PR. STORM SEWER
○	PR. CATCH BASIN	—	PR. PIPE UNDERDRAIN
●	PR. MANHOLE	▨	PR. RIP RAP APRON
—	PR. UNDERDRAIN HEADWALL	XXXX	PR. STRUCTURE
⊥	PR. END SECTION	○	PR. PIPE
→	PR. SWALE	UC	UTILITY CROSSING
~	PR. DITCH		

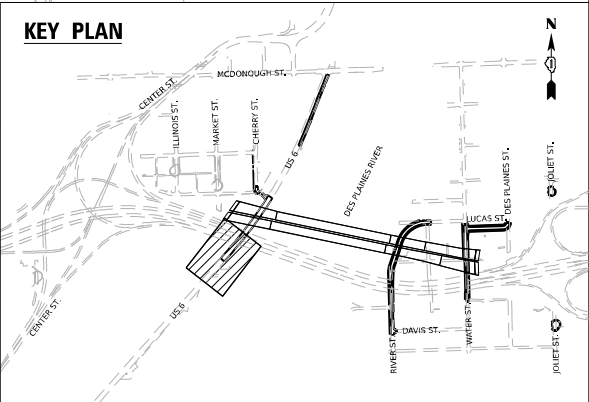


<b>DS-2151</b> STA. 215+34, 28.2' LT CB TA 4 DIA T8G RIM = 538.51 INV. = 535.18 (E)	<b>DS-2170</b> STA. 217+01, 15.5' LT MAN TA 6 DIA T1F CL RIM = 539.58 INV. = 534.86 (S, E, W)	<b>SS-2151</b> SS CL A 1 EQRS 18 9' @ 0.55% TBF = 1.0 CY	<b>SS-2171</b> SS CL A 1 EQRS 18 9' @ 0.61% TBF = 2.7 CY
<b>DS-2150</b> STA. 215+34, 15.0' LT MAN TA 6 DIA T1F CL RIM = 539.18 INV. = 535.13 (N, W)	<b>DS-2172</b> STA. 217+25, 54.2' RT CONC ES 542001 30 1:4 TRAVERSABLE PIPE GRATE INV. = 534.73	<b>SS-2150</b> SS CL A 1 EQRS 24 162' @ 0.17% TBF = 34.5 CY	<b>SS-2170</b> STORM SEW WM REQ 30 66' @ 0.20% TBF = 6.0 CY
<b>DS-2171</b> STA. 217+01, 28.2' LT CB TA 4 DIA T8G RIM = 539.87 INV. = 534.91 (E)			



- NOTES:**
1. FOR PLACEMENT OF DRAINAGE STRUCTURE, SEE SHEET 383
  2. FOR RIPRAP DETAILS, SEE SHEET 384
  3. UC: PROPOSED STORM SEWER CONFLICT WITH PROPOSED CITY OF JOLIET UTILITIES; REFER TO JOLIET DRAINAGE AND UTILITY PLANS

CROSSING NUMBER	LOCATION		PIPE INFORMATION			INVERT ELEVATION	OUTER ELEVATION	CLEARANCE (FEET)
	STATION	OFFSET	STATUS	SIZE	TYPE			
UC-1	217+08	6.0 RT	PR	EQRS 30"	STORM	534.82	534.51	9.79
			EX	72"	SANITARY	518.72	524.72	
UC-2	217+13	21.0 RT	PR	EQRS 30"	STORM	534.78	534.47	APPROX 1.5
			PR	12"	WATER	+/- 531.97	+/- 532.97	
UC-3	217+14	24.8 RT	PR	EQRS 30"	STORM	534.78	534.47	2.07
			PR	4"	GAS	532.07	532.40	



USER NAME = USHC706648	DESIGNED - AKG	REVISED -
PILOT SCALE = 40,000' / in.	DRAWN - SSM	REVISED -
PILOT DATE = 11/6/2025	CHECKED - KS	REVISED -
	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

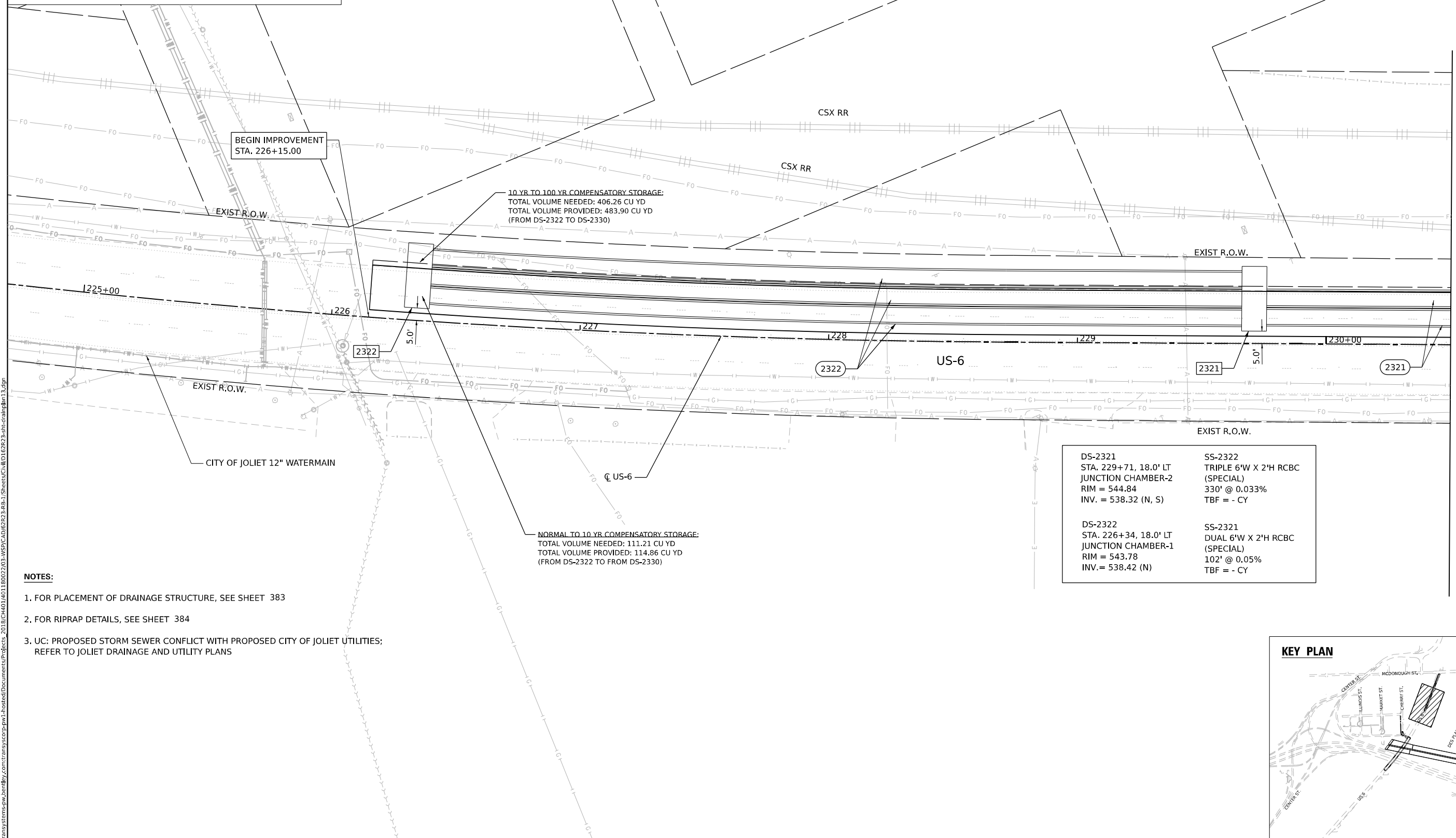
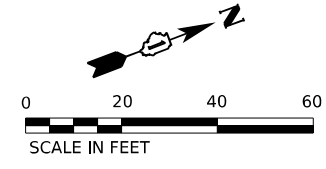
<b>PROPOSED DRAINAGE AND UTILITY PLAN</b>			
<b>US-6</b>			
SCALE: 1"=20'	SHEET 1 OF 4 SHEETS	STA.	TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 346
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- PR. INLET
- PR. CATCH BASIN
- PR. MANHOLE
- PR. UNDERDRAIN HEADWALL
- PR. END SECTION
- PR. SWALE
- PR. DITCH
- PR. STORM SEWER
- PR. PIPE UNDERDRAIN
- PR. RIP RAP APRON
- PR. STRUCTURE
- PR. PIPE
- UTILITY CROSSING



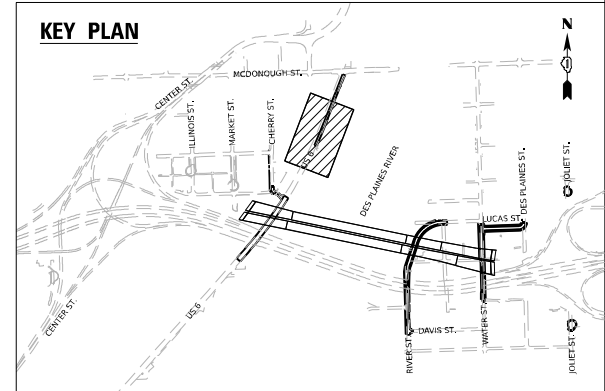
BEGIN IMPROVEMENT  
STA. 226+15.00

10 YR TO 100 YR COMPENSATORY STORAGE:  
TOTAL VOLUME NEEDED: 406.26 CU YD  
TOTAL VOLUME PROVIDED: 483.90 CU YD  
(FROM DS-2322 TO DS-2330)

NORMAL TO 10 YR COMPENSATORY STORAGE:  
TOTAL VOLUME NEEDED: 111.21 CU YD  
TOTAL VOLUME PROVIDED: 114.86 CU YD  
(FROM DS-2322 TO FROM DS-2330)

DS-2321 STA. 229+71, 18.0' LT JUNCTION CHAMBER-2 RIM = 544.84 INV. = 538.32 (N, S)	SS-2322 TRIPLE 6'W X 2'H RCBC (SPECIAL) 330' @ 0.033% TBF = - CY
DS-2322 STA. 226+34, 18.0' LT JUNCTION CHAMBER-1 RIM = 543.78 INV. = 538.42 (N)	SS-2321 DUAL 6'W X 2'H RCBC (SPECIAL) 102' @ 0.05% TBF = - CY

- NOTES:**
- FOR PLACEMENT OF DRAINAGE STRUCTURE, SEE SHEET 383
  - FOR RIPRAP DETAILS, SEE SHEET 384
  - UC: PROPOSED STORM SEWER CONFLICT WITH PROPOSED CITY OF JOLIET UTILITIES; REFER TO JOLIET DRAINAGE AND UTILITY PLANS



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USER NAME = USHC706648	DESIGNED - AKG	REVISED -
DRAWN - SSM	REVISIONS	
PLLOT SCALE = 40,000' / in.	CHECKED - KS	REVISED -
PLLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

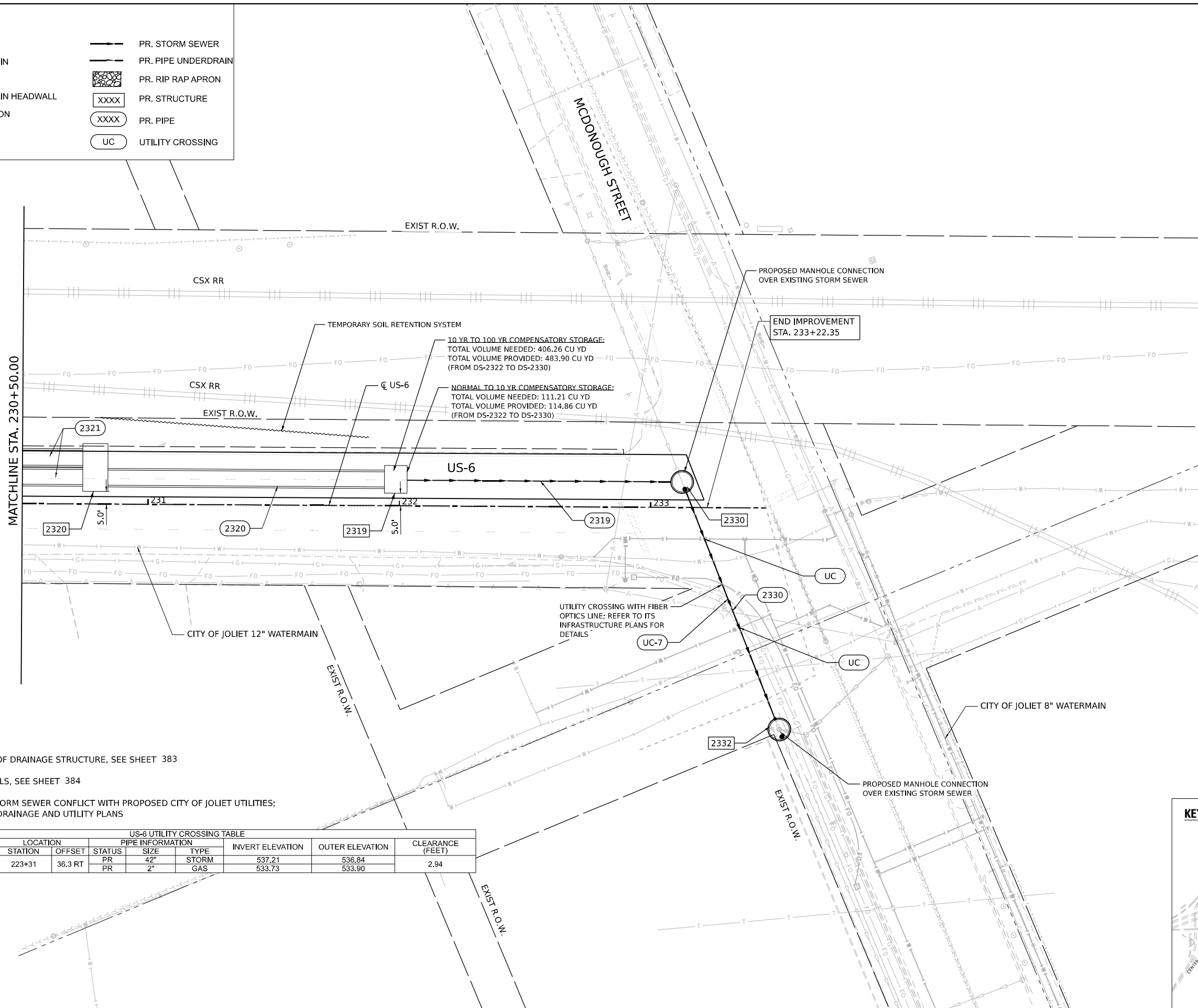
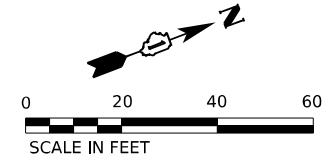
**PROPOSED DRAINAGE AND UTILITY PLAN  
US-6**

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 348
			CONTRACT NO. 62R23	
ILLINOIS FED. AID PROJECT				

**LEGEND**

- PR. INLET
- PR. CATCH BASIN
- PR. MANHOLE
- PR. UNDERDRAIN HEADWALL
- PR. END SECTION
- PR. SWALE
- PR. DITCH
- PR. STORM SEWER
- PR. PIPE UNDERDRAIN
- PR. RIP RAP APRON
- PR. STRUCTURE
- PR. PIPE
- UTILITY CROSSING



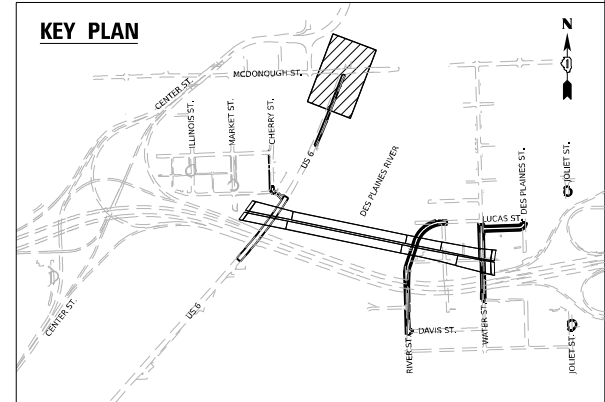
10 YR TO 100 YR COMPENSATORY STORAGE:  
TOTAL VOLUME NEEDED: 406.26 CU YD  
TOTAL VOLUME PROVIDED: 483.90 CU YD  
(FROM DS-2322 TO DS-2330)

NORMAL TO 10 YR COMPENSATORY STORAGE:  
TOTAL VOLUME NEEDED: 111.21 CU YD  
TOTAL VOLUME PROVIDED: 114.86 CU YD  
(FROM DS-2322 TO DS-2330)

DS-2330 STA. 233+12, 10.1' LT MAN TA 8 DIA T1F CL RIM = 544.50 EX INV. = 539.09 (40"W - APPROXIMATELY) INV. = 538.04 (24" S) INV. = 538.04 (42" E)	SS-2319 STORM SEW CL A 2 24 106' @ 0.17% TBF = 91.8 CY
DS-2332 STA. 233+46, 88.2' RT MAN TA 8 DIA T1F CL RIM = 542.68 INV. = 536.31 (42" W) EX INV. = 539.21 (12" N) EX INV. = 536.15 (36" E)	SS-2320 6'W X 2'H RCBC (SPECIAL) 114' @ 0.05% TBF = - CY
DS-2320 STA. 230+79, 14.5' LT JUNCTION CHAMBER-3 RIM = 545.82 INV. = 538.27 (N, S)	SS-2330 STORM SEW WM REQ 42 98' @ 1.77% TBF = 61.9 CY
DS-2319 STA. 231+99, 10.5' LT JUNCTION CHAMBER-4 RIM = 545.82 INV. = 538.22 (N, S)	

- NOTES:**
- FOR PLACEMENT OF DRAINAGE STRUCTURE, SEE SHEET 383
  - FOR RIPRAP DETAILS, SEE SHEET 384
  - UC: PROPOSED STORM SEWER CONFLICT WITH PROPOSED CITY OF JOLIET UTILITIES; REFER TO JOLIET DRAINAGE AND UTILITY PLANS

CROSSING NUMBER	LOCATION	US-6 UTILITY CROSSING TABLE					CLEARANCE (FEET)	
		STATION	OFFSET	STATUS	PIPE INFORMATION	INVERT ELEVATION		OUTER ELEVATION
UC-7	223+31 36.3 RT		PR	42"	STORM	537.21	536.84	2.94
				2"	GAS	533.73	533.90	



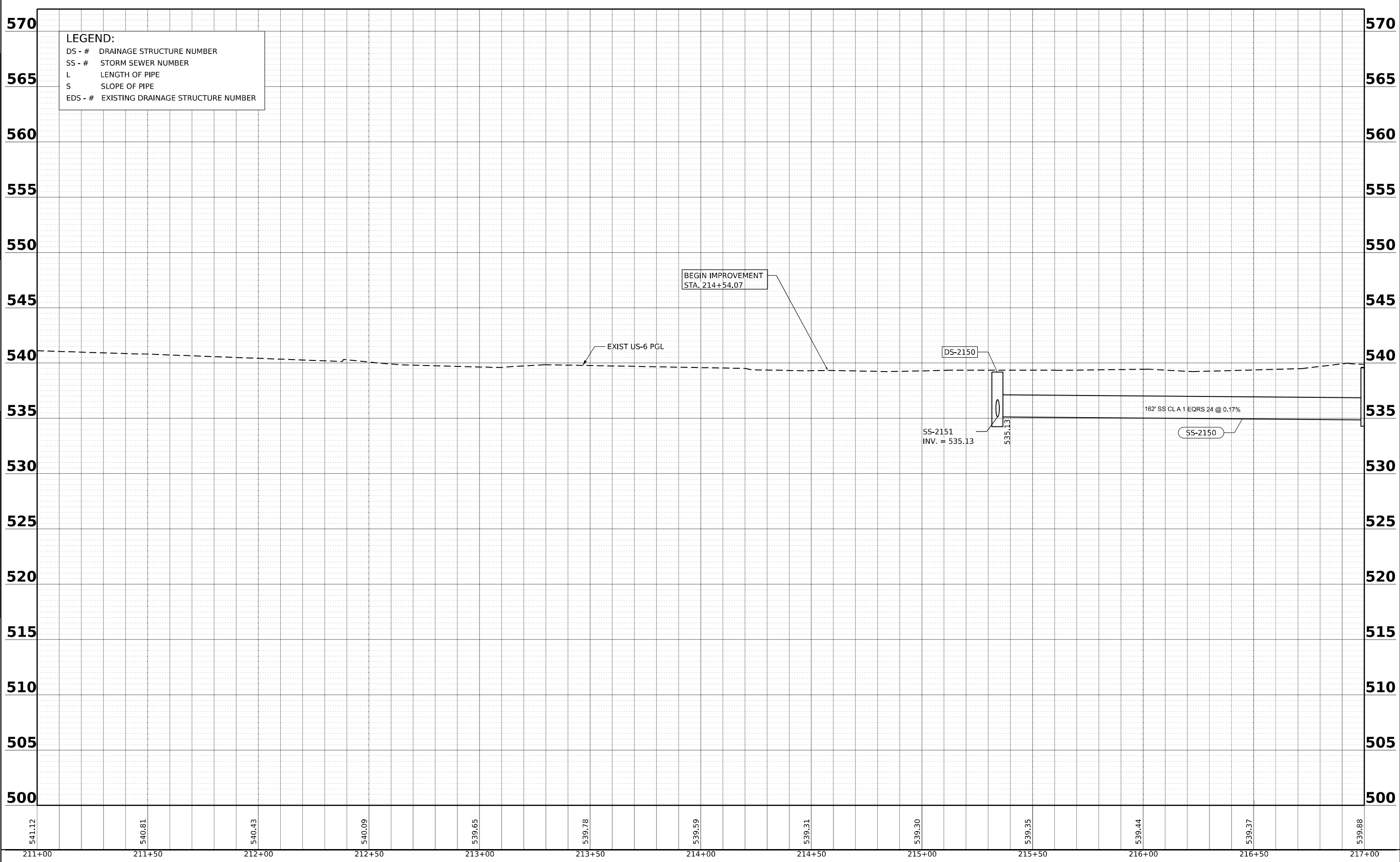
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 WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-8150

	USER NAME = USHC706648 DESIGNED - AKG DRAWN - SSM CHECKED - KS DATE - 11/7/2025	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED DRAINAGE AND UTILITY PLAN</b> <b>US-6</b>		F.A.I. R.T.E. = 80 SECTION = FAI 80 21 STRUCTURE 2 COUNTY = WILL TOTAL SHEETS = 1230 SHEET NO. = 349
	PLOT SCALE = 40,000' / in. PLOT DATE = 11/6/2025	DATE - 11/7/2025		SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. TO STA.	CONTRACT NO. 62R23 ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	FIELD	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	

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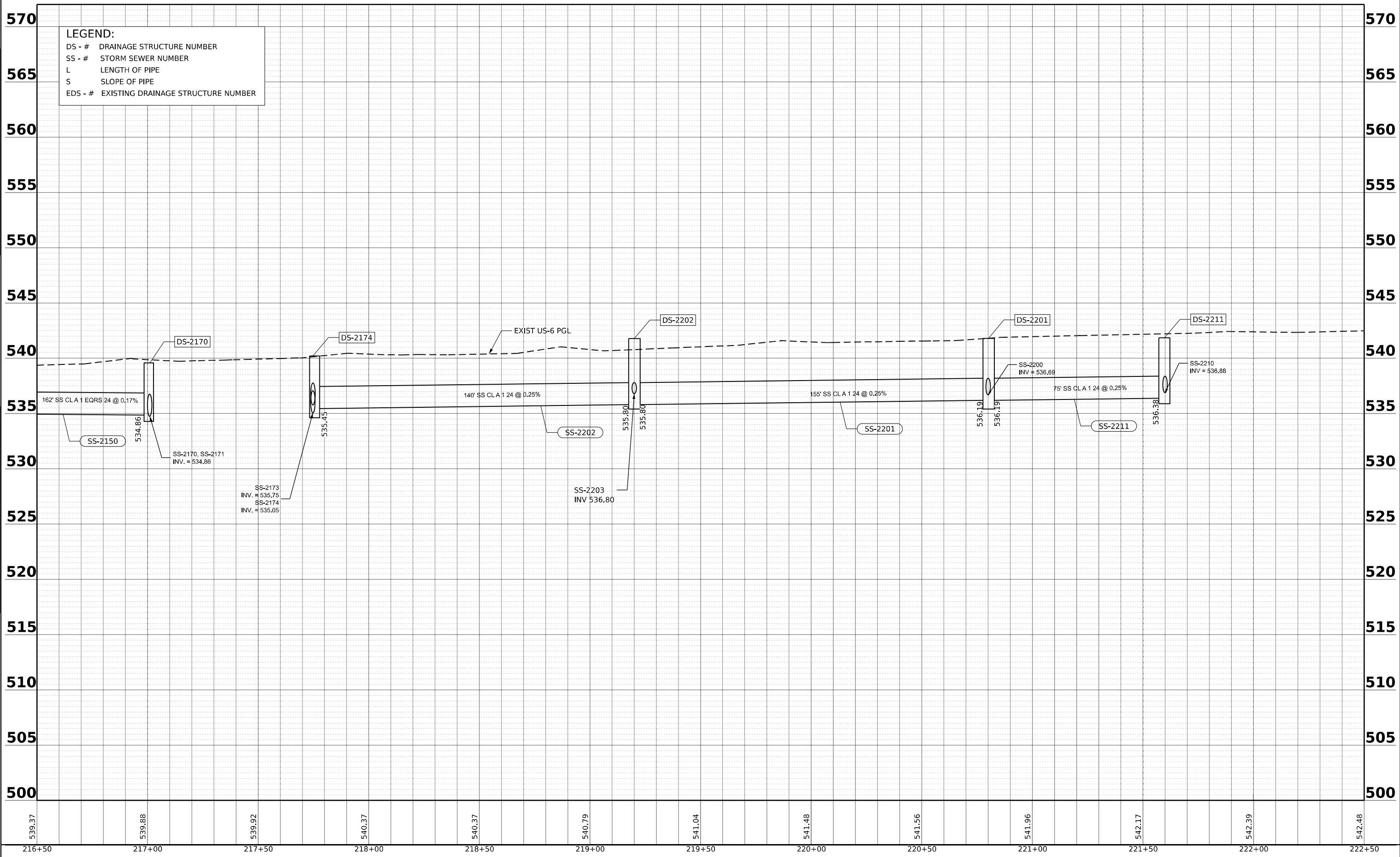
**LEGEND:**  
 DS - # DRAINAGE STRUCTURE NUMBER  
 SS - # STORM SEWER NUMBER  
 L LENGTH OF PIPE  
 S SLOPE OF PIPE  
 EDS - # EXISTING DRAINAGE STRUCTURE NUMBER

WSP USA INC. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-8150	USER NAME = USHC706648	DESIGNED - AKG	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED DRAINAGE AND UTILITY PROFILE</b> <b>US-6</b>			F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 350
	PLOT SCALE = 0.16666667' / in.	CHECKED - KS	REVISED -		SCALE: HORIZ: 1"=50'	SHEET 1 OF 4 SHEETS	STA. TO STA.	CONTRACT NO. 62R23		ILLINOIS	FED. AID PROJECT	
	PLOT DATE = 11/6/2025	DATE = 11/7/2025	REVISED -		VERT: 1"=5'							

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	AS-BUILT	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NOTE BOOK	
	NO.	

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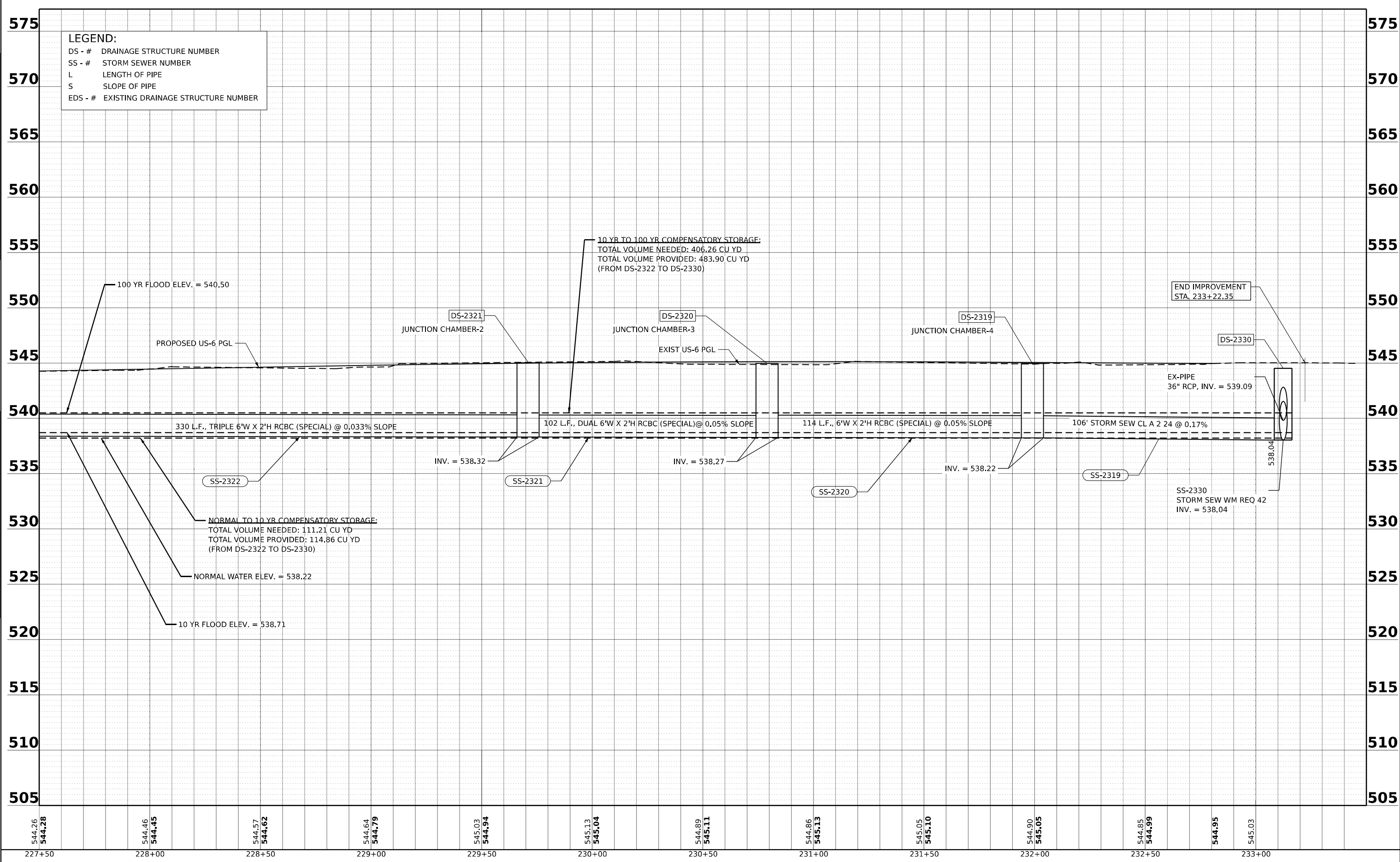
WSP USA INC. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-8150	USER NAME = USHC706648	DESIGNED - AKG	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED DRAINAGE AND UTILITY PROFILE</b> <b>US-6</b>	F.A.I. RTE. = 80	SECTION = FAI 80 21 STRUCTURE 2	COUNTY = WILL	TOTAL SHEETS = 1230	SHEET NO. = 351
	PLOT SCALE = 0.16666667' / in.	CHECKED - KS	REVISED -			CONTRACT NO. 62R23				
	PLOT DATE = 11/6/2025	DATE = 11/7/2025	REVISED -			ILLINOIS FED. AID PROJECT				
	SCALE: HORIZ: 1"=50'					SHEET 2 OF 4 SHEETS STA. TO STA.				



DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
AS-CAD	
NOTE BOOK	
NO.	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NOTE BOOK	
NO.	

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544.26 544.28	544.46 544.45	544.57 544.62	544.64 544.79	545.03 544.94	545.13 545.04	544.89 545.11	544.86 545.13	545.05 545.10	544.90 545.05	544.85 544.99	544.95	545.03
227+50	228+00	228+50	229+00	229+50	230+00	230+50	231+00	231+50	232+00	232+50	233+00	



USER NAME = USHC706648  
 PLOT SCALE = 0.16666667' / in.  
 PLOT DATE = 11/6/2025

DESIGNED - AKG  
 DRAWN - SSM  
 CHECKED - KS  
 DATE - 11/7/2025

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED DRAINAGE AND UTILITY PROFILE  
 US-6  
 SCALE: HORIZ: 1"=50' VERT: 1"=5'  
 SHEET 4 OF 4 SHEETS STA. TO STA.

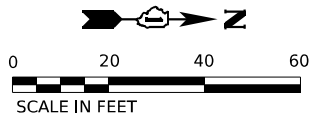
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	353
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

**LEGEND**

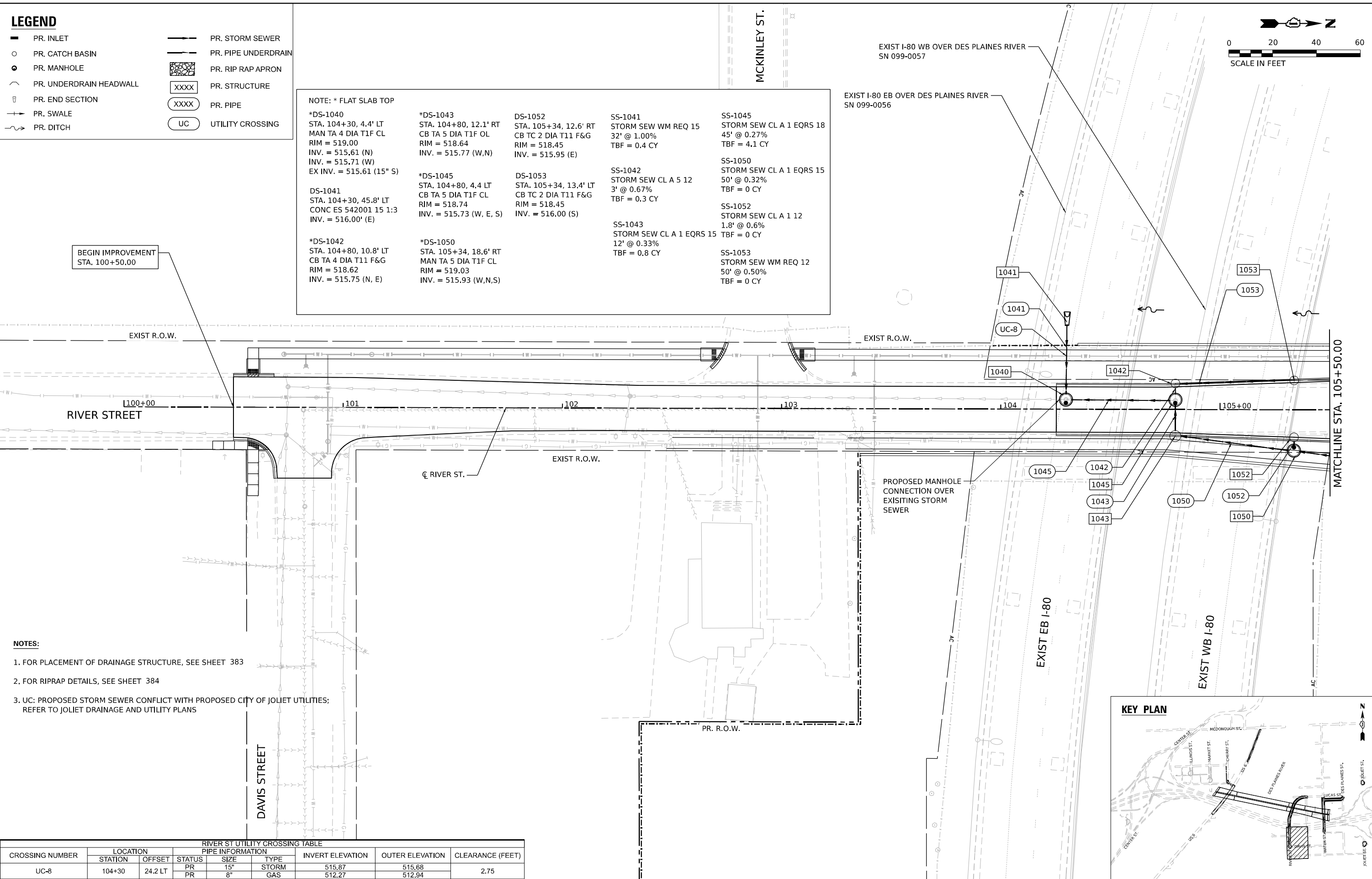
- PR. INLET
- PR. CATCH BASIN
- PR. MANHOLE
- PR. UNDERDRAIN HEADWALL
- PR. END SECTION
- PR. SWALE
- PR. DITCH
- PR. STORM SEWER
- PR. PIPE UNDERDRAIN
- PR. RIP RAP APRON
- PR. STRUCTURE
- PR. PIPE
- UTILITY CROSSING

NOTE: \* FLAT SLAB TOP

*DS-1040 STA. 104+30, 4.4' LT MAN TA 4 DIA T1F CL RIM = 519.00 INV. = 515.61 (N) INV. = 515.71 (W) EX INV. = 515.61 (15" S)	*DS-1043 STA. 104+80, 12.1' RT CB TA 5 DIA T1F OL RIM = 518.64 INV. = 515.77 (W,N)	DS-1052 STA. 105+34, 12.6' RT CB TC 2 DIA T11 F&G RIM = 518.45 INV. = 515.95 (E)	SS-1041 STORM SEW WM REQ 15 32' @ 1.00% TBF = 0.4 CY	SS-1045 STORM SEW CL A 1 EQRS 18 45' @ 0.27% TBF = 4.1 CY
DS-1041 STA. 104+30, 45.8' LT CONC ES 542001 15 1:3 INV. = 516.00' (E)	*DS-1045 STA. 104+80, 4.4' LT CB TA 5 DIA T1F CL RIM = 518.74 INV. = 515.73 (W, E, S)	DS-1053 STA. 105+34, 13.4' LT CB TC 2 DIA T11 F&G RIM = 518.45 INV. = 516.00 (S)	SS-1042 STORM SEW CL A 5 12 3' @ 0.67% TBF = 0.3 CY	SS-1050 STORM SEW CL A 1 EQRS 15 50' @ 0.32% TBF = 0 CY
*DS-1042 STA. 104+80, 10.8' LT CB TA 4 DIA T11 F&G RIM = 518.62 INV. = 515.75 (N, E)	*DS-1050 STA. 105+34, 18.6' RT MAN TA 5 DIA T1F CL RIM = 519.03 INV. = 515.93 (W,N,S)		SS-1043 STORM SEW CL A 1 EQRS 15 12' @ 0.33% TBF = 0.8 CY	SS-1052 STORM SEW CL A 1 12 1.8' @ 0.6% TBF = 0 CY
				SS-1053 STORM SEW WM REQ 12 50' @ 0.50% TBF = 0 CY



BEGIN IMPROVEMENT  
STA. 100+50.00



- NOTES:**
1. FOR PLACEMENT OF DRAINAGE STRUCTURE, SEE SHEET 383
  2. FOR RIPRAP DETAILS, SEE SHEET 384
  3. UC: PROPOSED STORM SEWER CONFLICT WITH PROPOSED CITY OF JOLIET UTILITIES; REFER TO JOLIET DRAINAGE AND UTILITY PLANS

RIVER ST UTILITY CROSSING TABLE

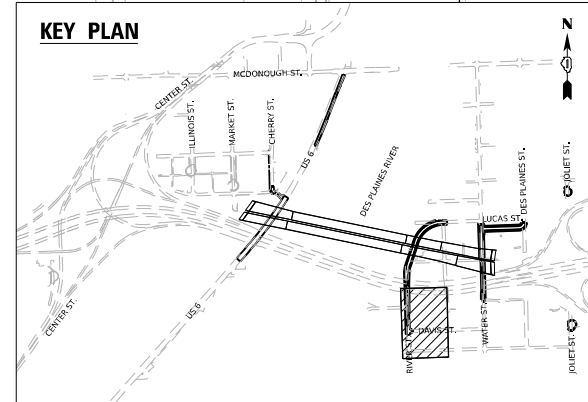
CROSSING NUMBER	LOCATION		PIPE INFORMATION			INVERT ELEVATION	OUTER ELEVATION	CLEARANCE (FEET)
	STATION	OFFSET	STATUS	SIZE	TYPE			
UC-8	104+30	24.2 LT	PR	15"	STORM	515.87	515.68	2.75
			PR	8"	GAS	512.27	512.94	

<b>WSP</b>	USER NAME = USHC706648	DESIGNED - AKG	REVISED -
	WSP USA INC. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-8150	DRAWN - SSM	REVISED -
	PLOT SCALE = 40,000' / in.	CHECKED - KS	REVISED -
	PLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE AND UTILITY PLAN  
RIVER STREET**

SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.

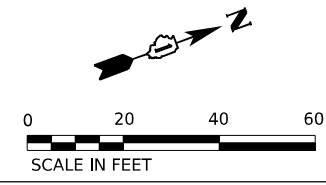


F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 354
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

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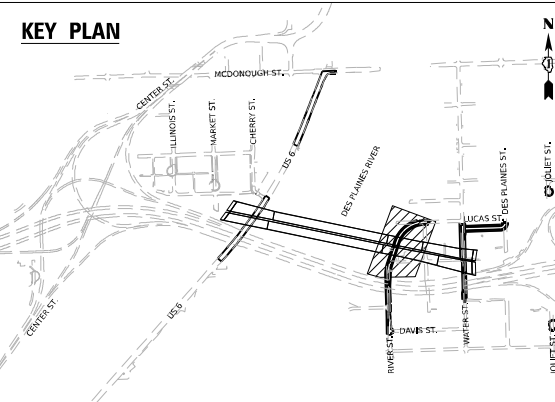
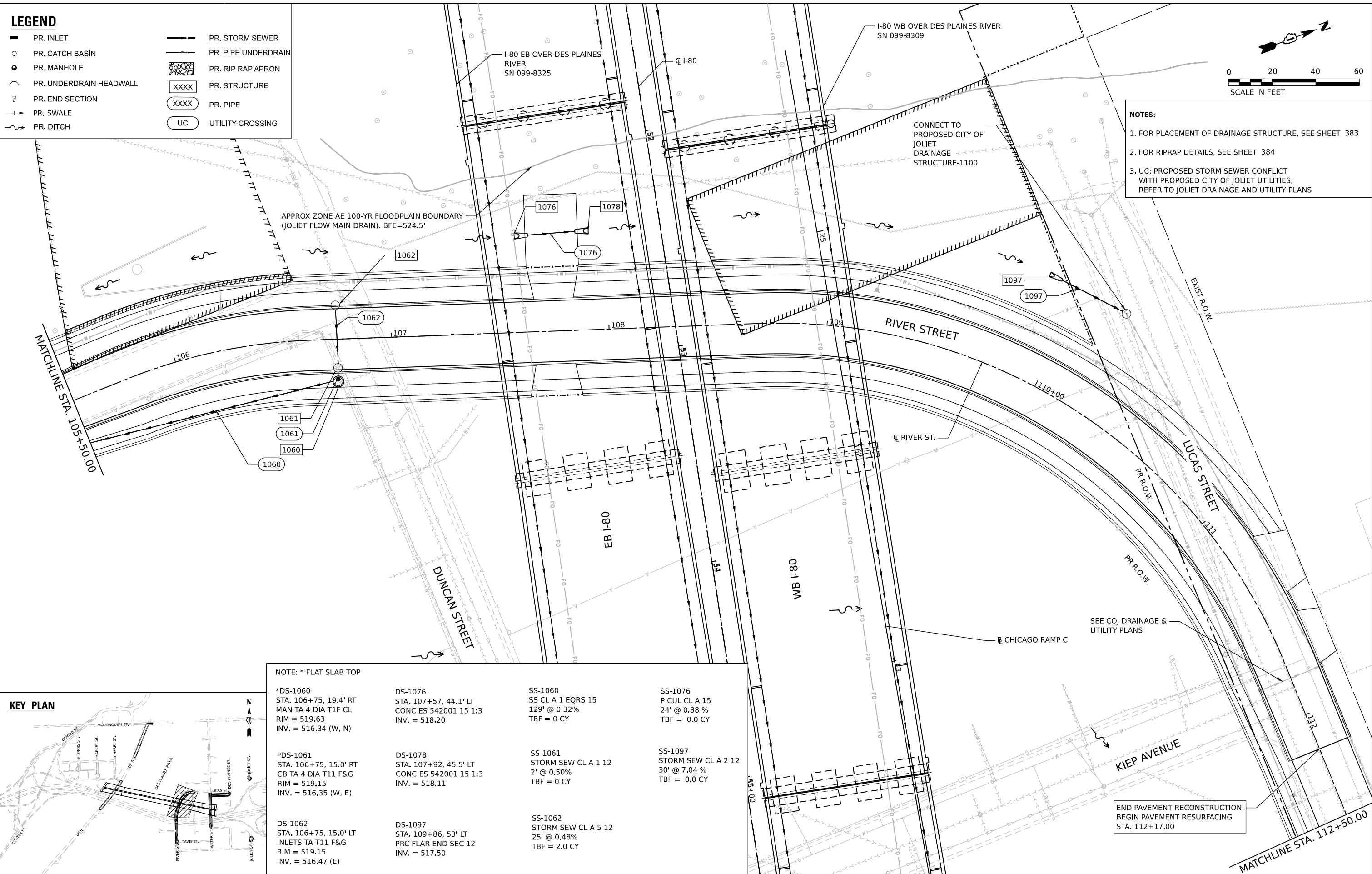
**LEGEND**

	PR. INLET		PR. STORM SEWER
	PR. CATCH BASIN		PR. PIPE UNDERDRAIN
	PR. MANHOLE		PR. RIP RAP APRON
	PR. UNDERDRAIN HEADWALL		PR. STRUCTURE
	PR. END SECTION		PR. PIPE
	PR. SWALE		PR. PIPE
	PR. DITCH		UTILITY CROSSING



**NOTES:**

- FOR PLACEMENT OF DRAINAGE STRUCTURE, SEE SHEET 383
- FOR RIPRAP DETAILS, SEE SHEET 384
- UC: PROPOSED STORM SEWER CONFLICT WITH PROPOSED CITY OF JOLIET UTILITIES; REFER TO JOLIET DRAINAGE AND UTILITY PLANS



NOTE: \* FLAT SLAB TOP

*DS-1060 STA. 106+75, 19.4' RT MAN TA 4 DIA T1F CL RIM = 519.63 INV. = 516.34 (W, N)	DS-1076 STA. 107+57, 44.1' LT CONC ES 542001 15 1:3 INV. = 518.20	SS-1060 SS CL A 1 EQRS 15 129' @ 0.32% TBF = 0 CY	SS-1076 P CUL CL A 15 24' @ 0.38 % TBF = 0.0 CY
*DS-1061 STA. 106+75, 15.0' RT CB TA 4 DIA T11 F&G RIM = 519.15 INV. = 516.35 (W, E)	DS-1078 STA. 107+92, 45.5' LT CONC ES 542001 15 1:3 INV. = 518.11	SS-1061 STORM SEW CL A 1 12 2' @ 0.50% TBF = 0 CY	SS-1097 STORM SEW CL A 2 12 30' @ 7.04 % TBF = 0.0 CY
DS-1062 STA. 106+75, 15.0' LT INLETS TA T11 F&G RIM = 519.15 INV. = 516.47 (E)	DS-1097 STA. 109+86, 53' LT PRC FLAR END SEC 12 INV. = 517.50	SS-1062 STORM SEW CL A 5 12 25' @ 0.48% TBF = 2.0 CY	



USER NAME = USHC706648  
DESIGNED - AKG  
DRAWN - SSM  
CHECKED - KS  
DATE - 11/7/2025

DESIGNED - AKG  
DRAWN - SSM  
CHECKED - KS  
DATE - 11/7/2025

REVISED -  
REVISED -  
REVISED -  
REVISED -

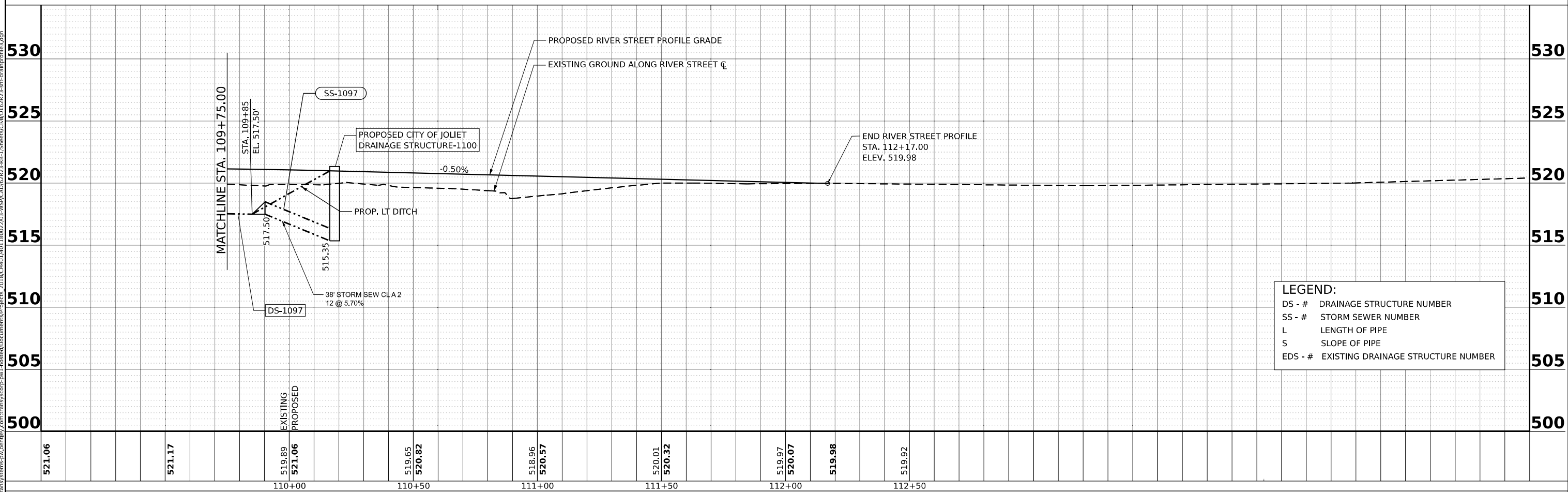
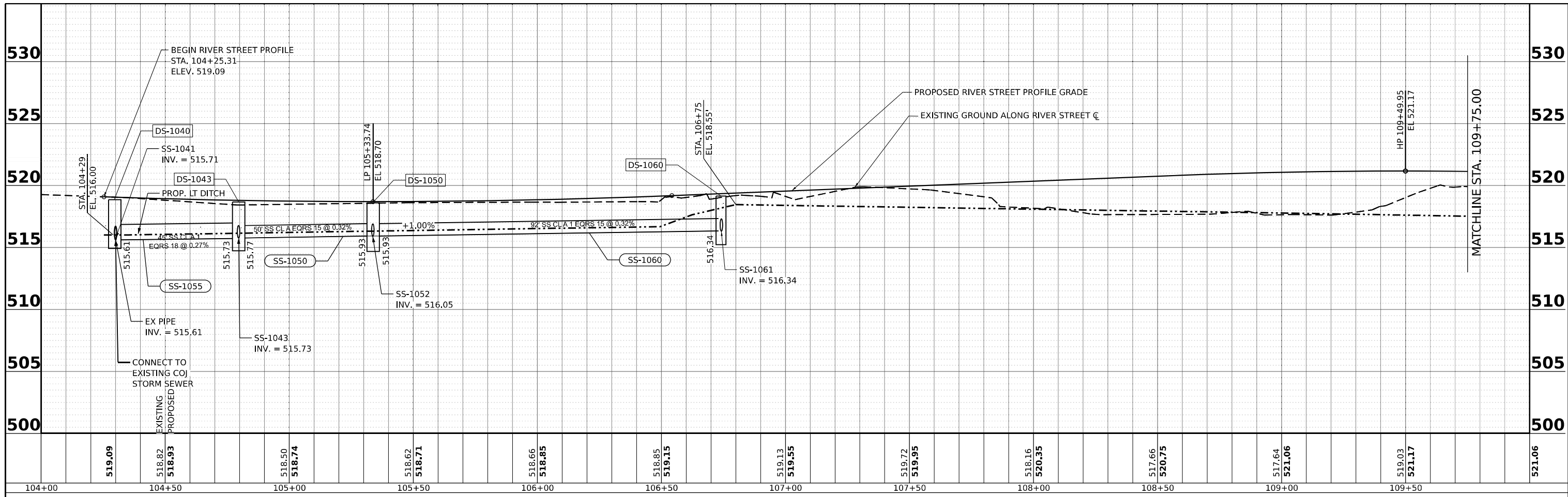
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE AND UTILITY PLAN  
RIVER STREET**

SCALE: 1"=20' SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 355
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

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**LEGEND:**  
 DS - # DRAINAGE STRUCTURE NUMBER  
 SS - # STORM SEWER NUMBER  
 L LENGTH OF PIPE  
 S SLOPE OF PIPE  
 EDS - # EXISTING DRAINAGE STRUCTURE NUMBER

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USER NAME = USHC706648	DESIGNED - AKG	REVISED -
PLOT SCALE = 0.16666667"/in.	DRAWN - SSM	REVISED -
PLOT DATE = 11/6/2025	CHECKED - KS	REVISED -
	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED DRAINAGE AND UTILITY PROFILE</b>			
<b>RIVER STREET</b>			
SCALE: HORIZ: 1"=20' VERT: 1"=5'	SHEET 1 OF 1 SHEETS	STA.	TO STA.

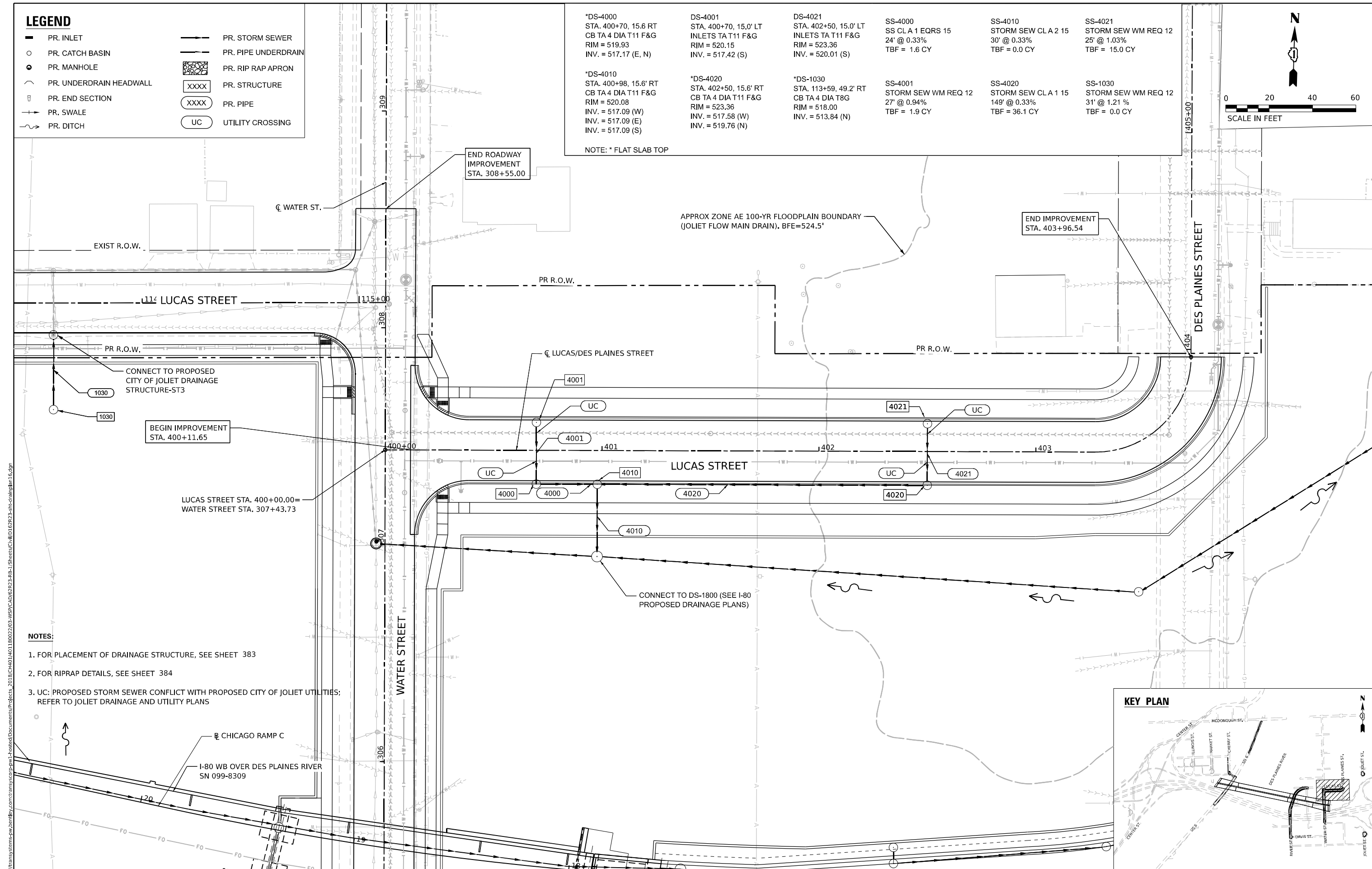
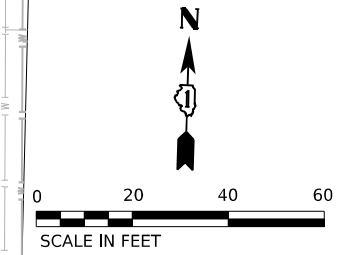
F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 356
			CONTRACT NO. 62R23	
ILLINOIS FED. AID PROJECT				

**LEGEND**

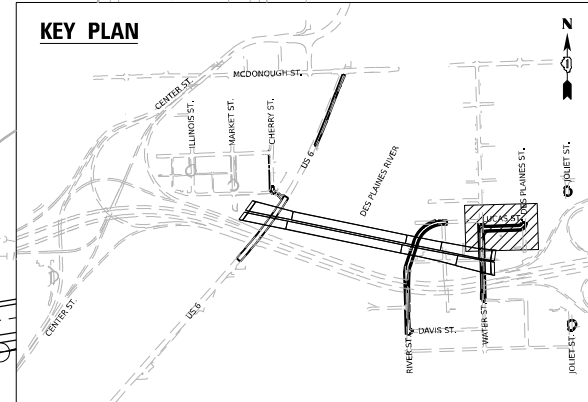
- PR. INLET
- PR. CATCH BASIN
- PR. MANHOLE
- PR. UNDERDRAIN HEADWALL
- PR. END SECTION
- PR. SWALE
- PR. DITCH
- PR. STORM SEWER
- PR. PIPE UNDERDRAIN
- PR. RIP RAP APRON
- PR. STRUCTURE
- PR. PIPE
- UTILITY CROSSING

*DS-4000 STA. 400+70, 15.6' RT CB TA 4 DIA T11 F&G RIM = 519.93 INV. = 517.17 (E, N)	DS-4001 STA. 400+70, 15.0' LT INLETS TA T11 F&G RIM = 520.15 INV. = 517.42 (S)	DS-4021 STA. 402+50, 15.0' LT INLETS TA T11 F&G RIM = 523.36 INV. = 520.01 (S)	SS-4000 SS CLA 1 EQRS 15 24' @ 0.33% TBF = 1.6 CY	SS-4010 STORM SEW CLA 2 15 30' @ 0.33% TBF = 0.0 CY	SS-4021 STORM SEW WM REQ 12 25' @ 1.03% TBF = 15.0 CY
*DS-4010 STA. 400+98, 15.6' RT CB TA 4 DIA T11 F&G RIM = 520.08 INV. = 517.09 (W) INV. = 517.09 (E) INV. = 517.09 (S)	*DS-4020 STA. 402+50, 15.6' RT CB TA 4 DIA T11 F&G RIM = 523.36 INV. = 517.58 (W) INV. = 519.76 (N)	*DS-1030 STA. 113+59, 49.2' RT CB TA 4 DIA T8G RIM = 518.00 INV. = 513.84 (N)	SS-4001 STORM SEW WM REQ 12 27' @ 0.94% TBF = 1.9 CY	SS-4020 STORM SEW CLA 1 15 149' @ 0.33% TBF = 36.1 CY	SS-1030 STORM SEW WM REQ 12 31' @ 1.21% TBF = 0.0 CY

NOTE: \* FLAT SLAB TOP



- NOTES:**
1. FOR PLACEMENT OF DRAINAGE STRUCTURE, SEE SHEET 383
  2. FOR RIPRAP DETAILS, SEE SHEET 384
  3. UC: PROPOSED STORM SEWER CONFLICT WITH PROPOSED CITY OF JOLIET UTILITIES; REFER TO JOLIET DRAINAGE AND UTILITY PLANS



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**WSP**  
 WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-8150

USER NAME = USHC706648	DESIGNED - AKG	REVISED -
	DRAWN - SSM	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED - KS	REVISED -
PLOT DATE = 11/6/2025	DATE - 11/7/2025	REVISED -

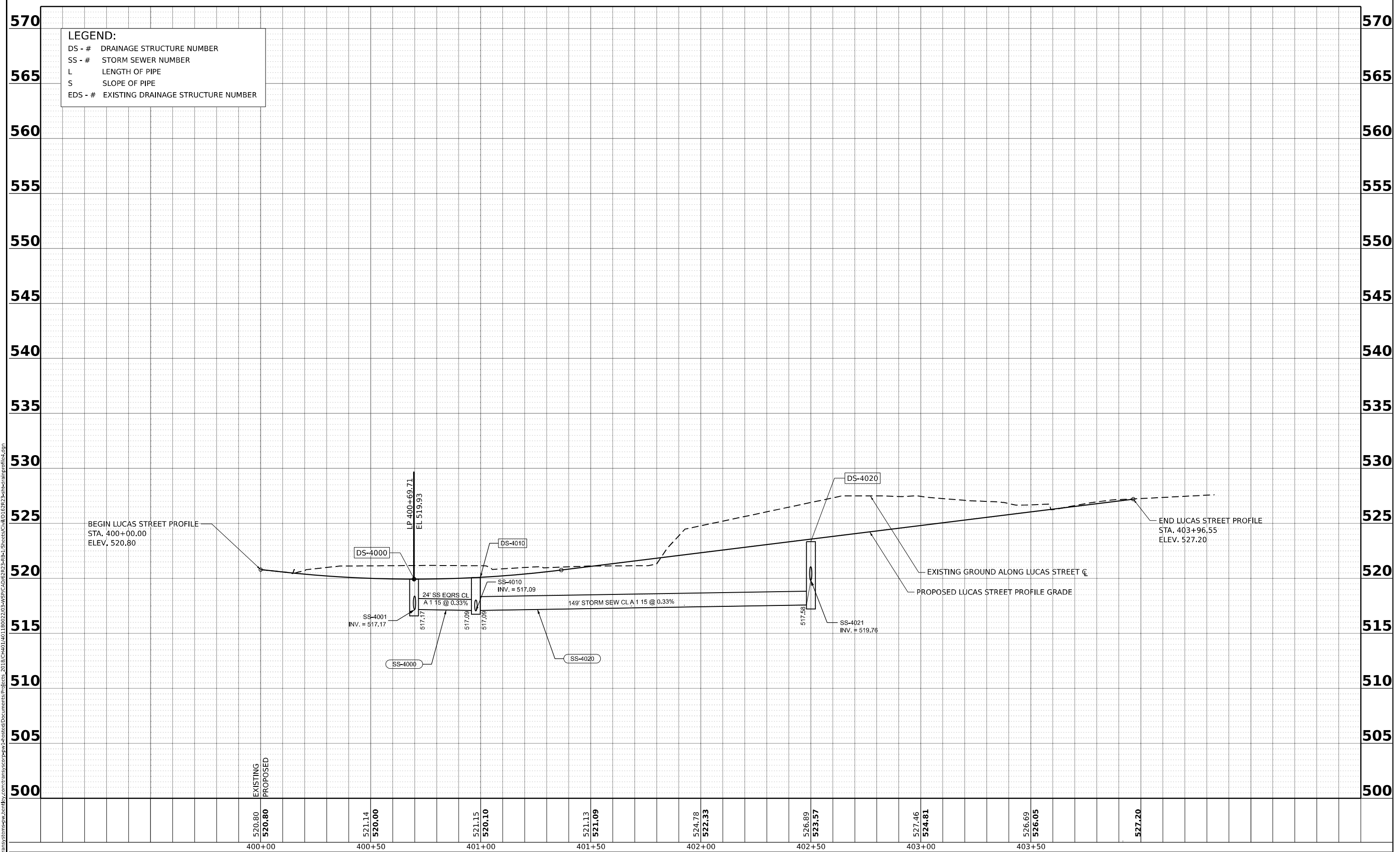
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PROPOSED DRAINAGE AND UTILITY PLAN**  
**LUCAS STREET**

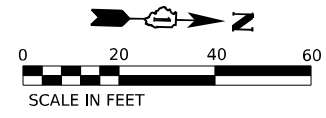
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 SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 357
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

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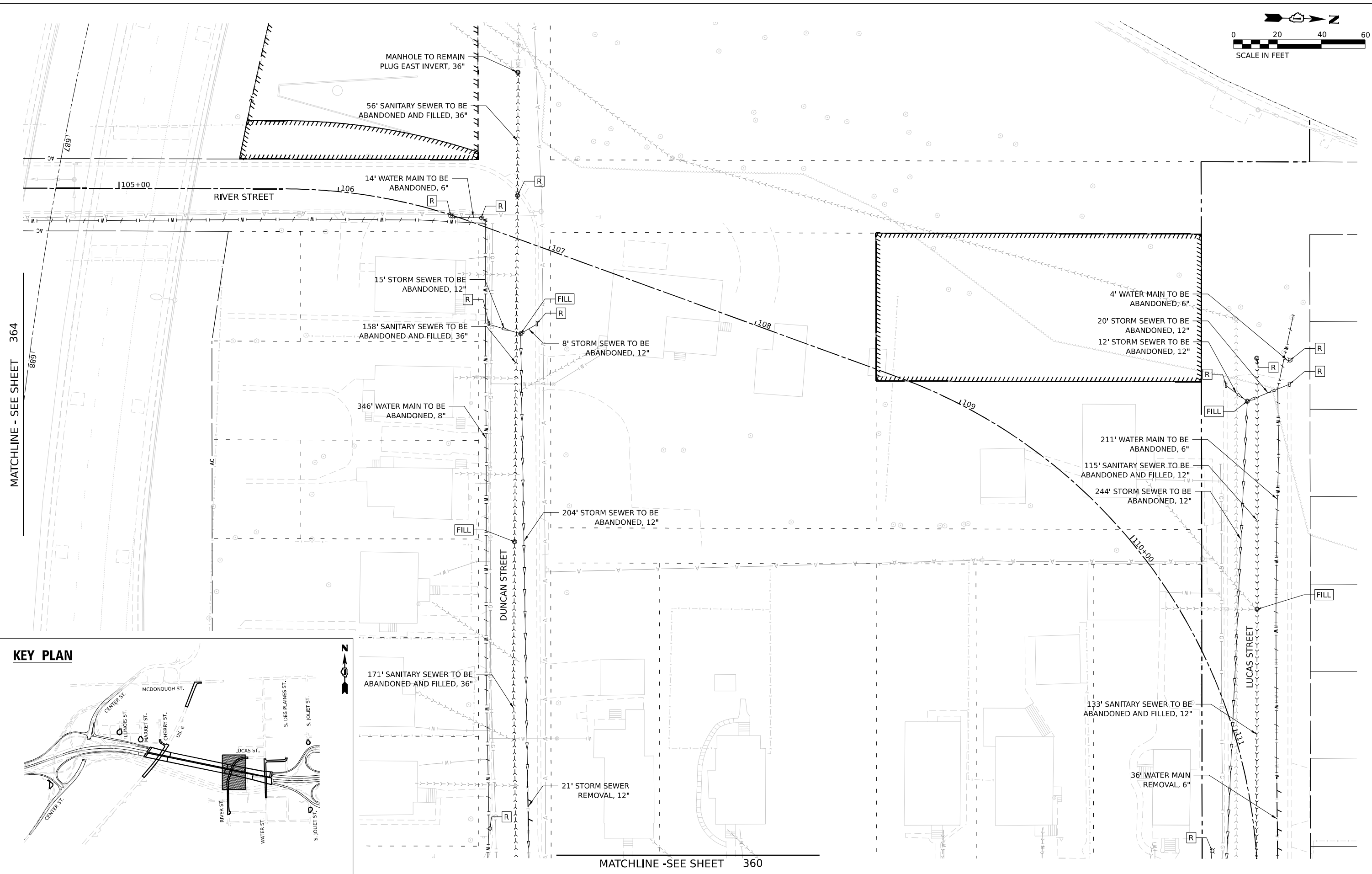
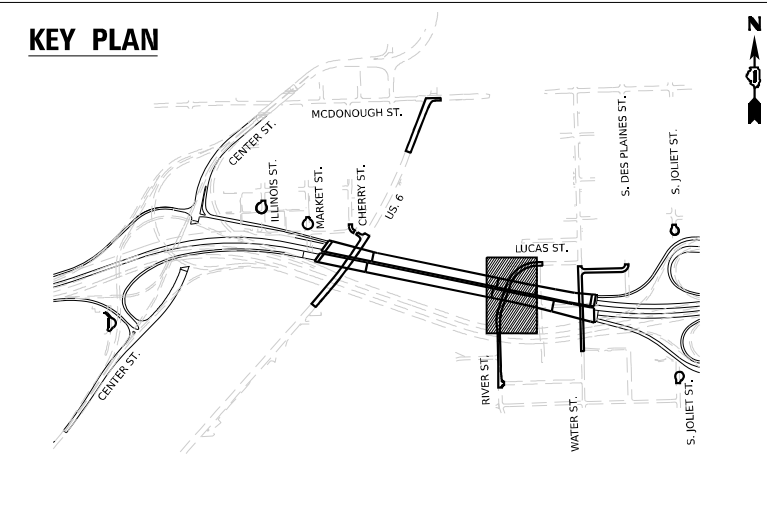


WSP USA Inc. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-8150	USER NAME = USHC706648	DESIGNED - AKG	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED DRAINAGE AND UTILITY PROFILE</b>		F.A.I. RTE. = 80	SECTION = FAI 80 21 STRUCTURE 2	COUNTY = WILL	TOTAL SHEETS = 1230	SHEET NO. = 358
	PLOT SCALE = 0.16666667 "/>in.	CHECKED - KS	REVISED -		<b>LUCAS STREET</b>		CONTRACT NO. 62R23				
PLOT DATE = 11/6/2025	DATE = 11/7/2025	REVISED -	SCALE: HORIZ: 1"=20'		SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



MATCHLINE - SEE SHEET 364

MATCHLINE -SEE SHEET 360




 V3 Companies  
 7325 Janes Avenue  
 Woodridge, IL 60517  
 630.724.9200 phone  
 630.724.9202 fax  
 www.v3co.com

USER NAME = dpung  
 PLOT SCALE =  
 PLOT DATE = 11/6/2025

DESIGNED - CD  
 DRAWN - DP  
 CHECKED - JH  
 DATE - 11/7/2025

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

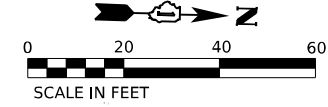
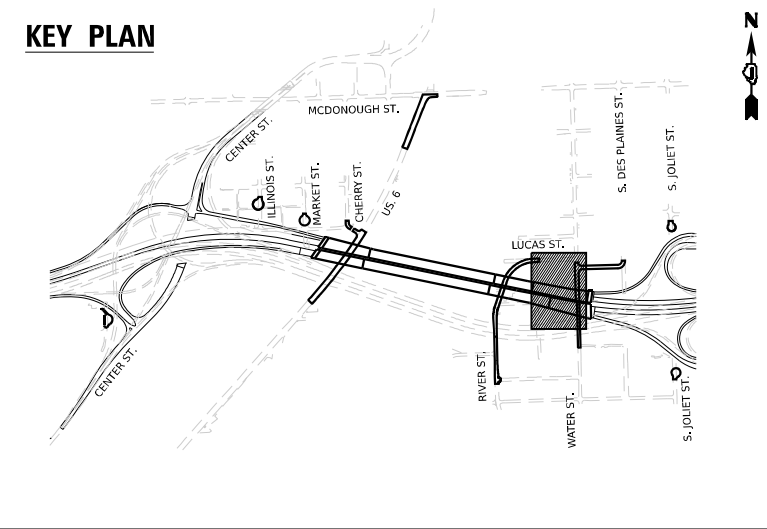
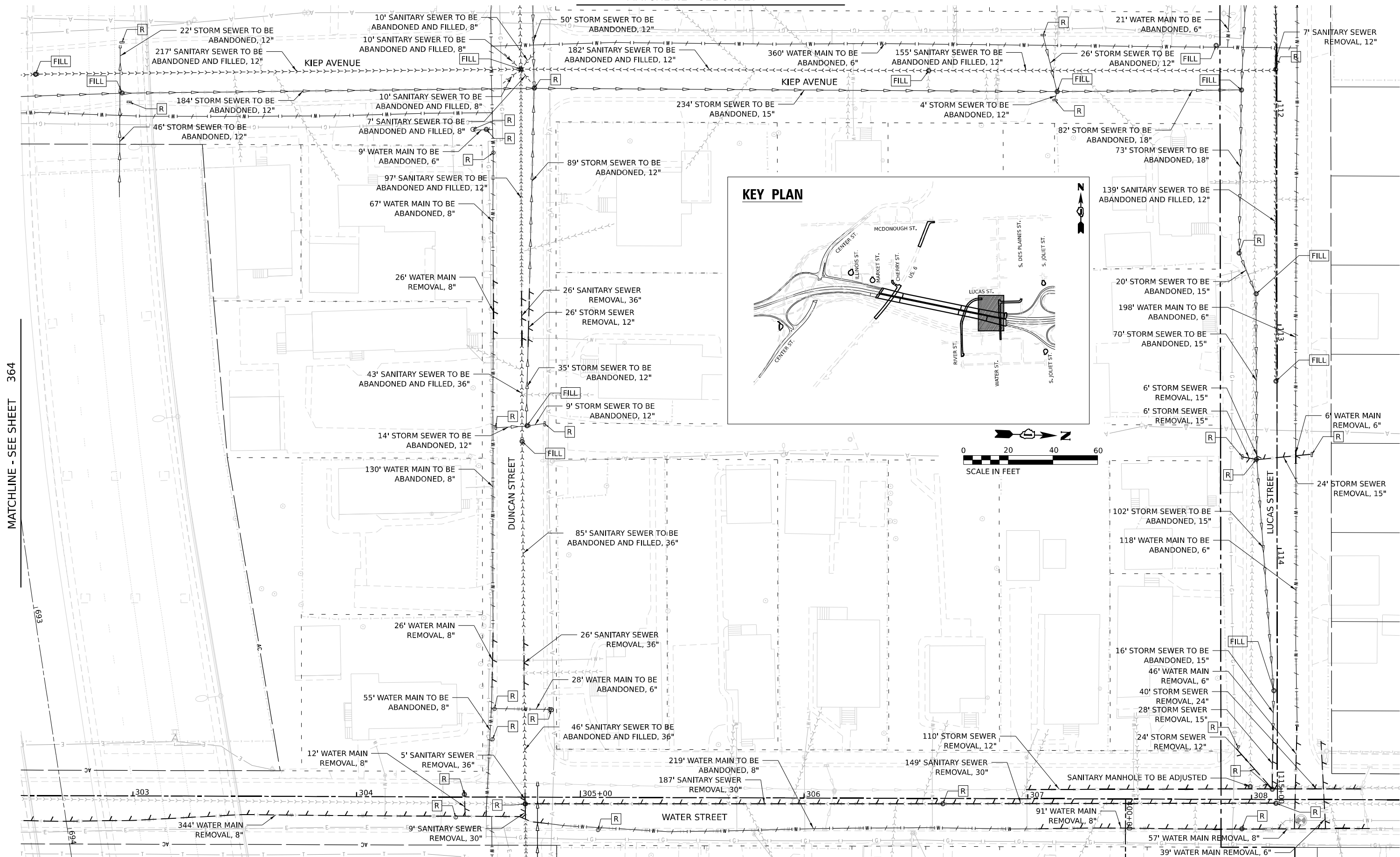
**JOLIET UTILITY REMOVAL PLAN**

SCALE: 1"=20'    SHEET 1 OF 9 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	359
CONTRACT NO. 62R23				

ILLINOIS FED. AID PROJECT

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MATCHLINE - SEE SHEET 364

MATCHLINE SEE SHEET 3 OF 11

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V3 Companies  
 7325 Janes Avenue  
 Woodridge, IL 60517  
 630.724.9200 phone  
 630.724.9202 fax  
 www.v3co.com

USER NAME = dpung	DESIGNED - CD	REVISED -
PLOT SCALE =	DRAWN - DP	REVISED -
PLOT DATE = 11/6/2025	CHECKED - JH	REVISED -
	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

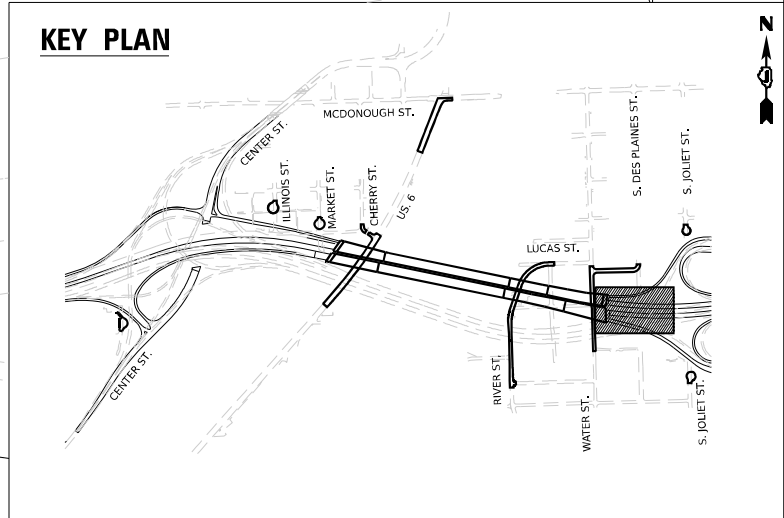
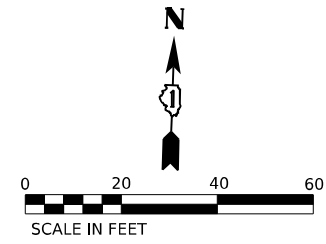
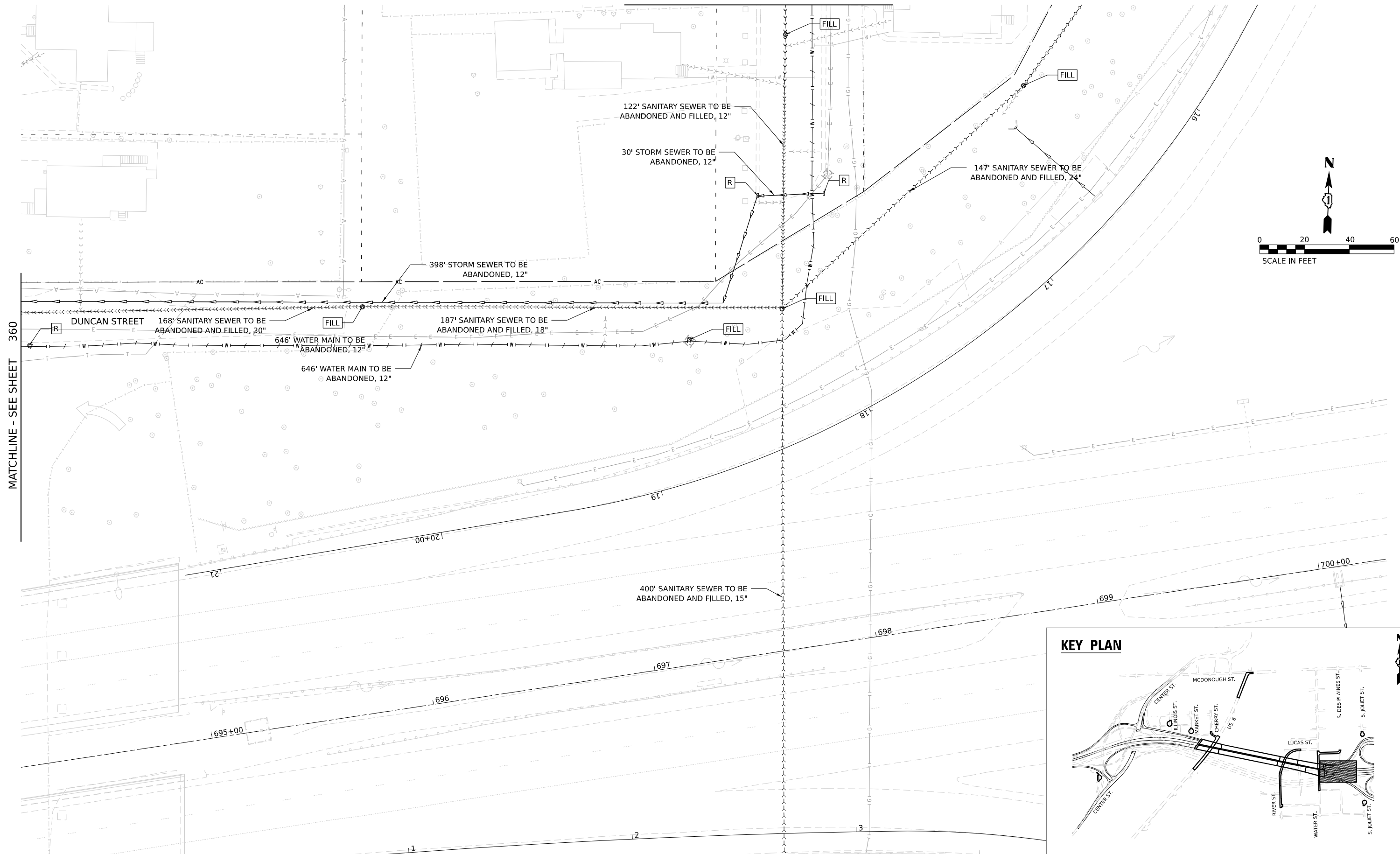
**JOLIET UTILITY REMOVAL PLAN**

SCALE: 1"=20'    SHEET 2 OF 9 SHEETS    STA.    TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	360
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

MATCHLINE - SEE SHEET 362

MATCHLINE - SEE SHEET 360



MATCHLINE SEE SHEET 7 OF 11

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V3 Companies  
 7325 Janes Avenue  
 Woodridge, IL 60517  
 630.724.9200 phone  
 630.724.9202 fax  
 www.v3co.com

USER NAME = dpung  
 DESIGNED - CD  
 DRAWN - DP  
 CHECKED - JH  
 DATE - 11/7/2025  
 PLOT SCALE =  
 PLOT DATE = 11/6/2025

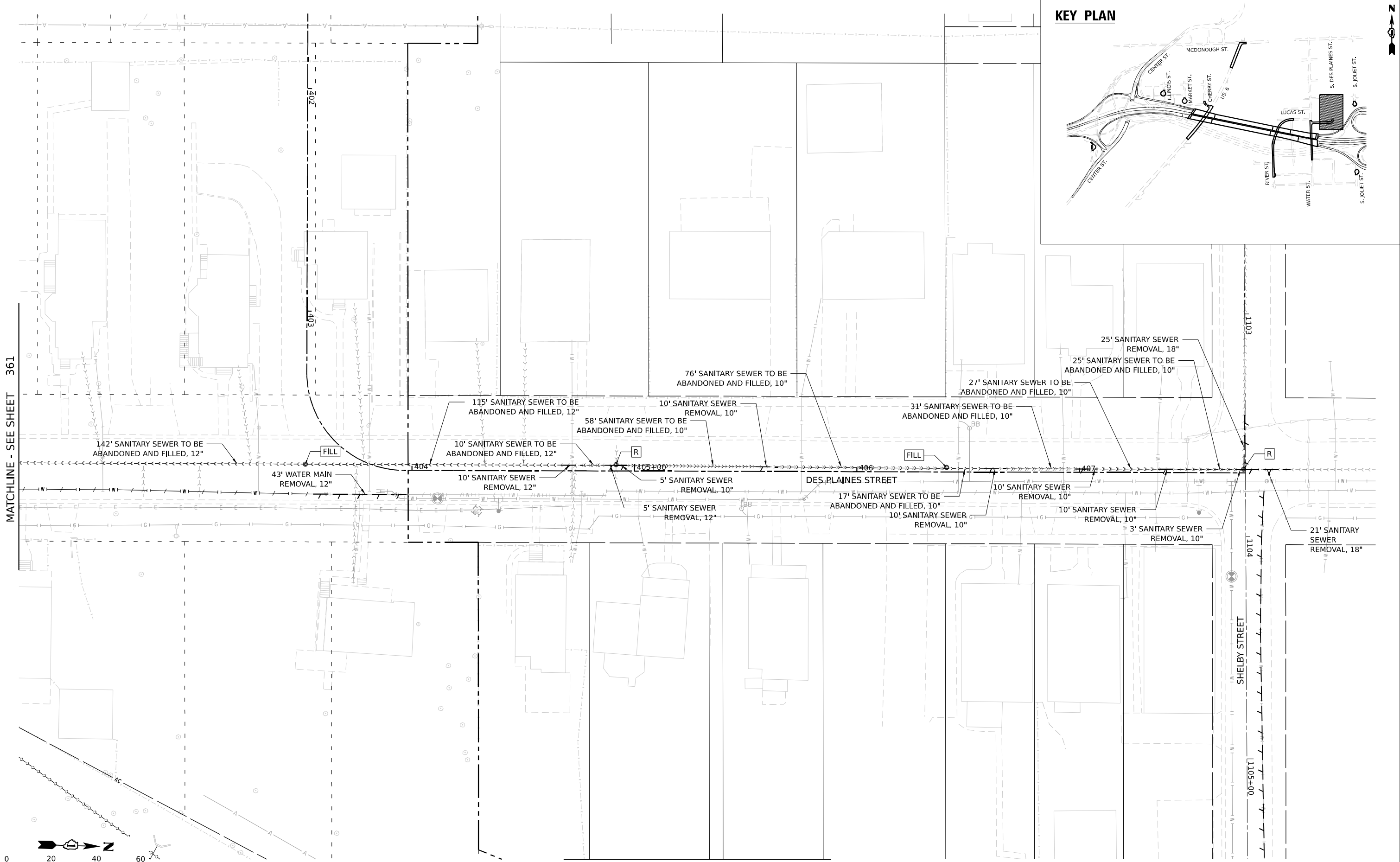
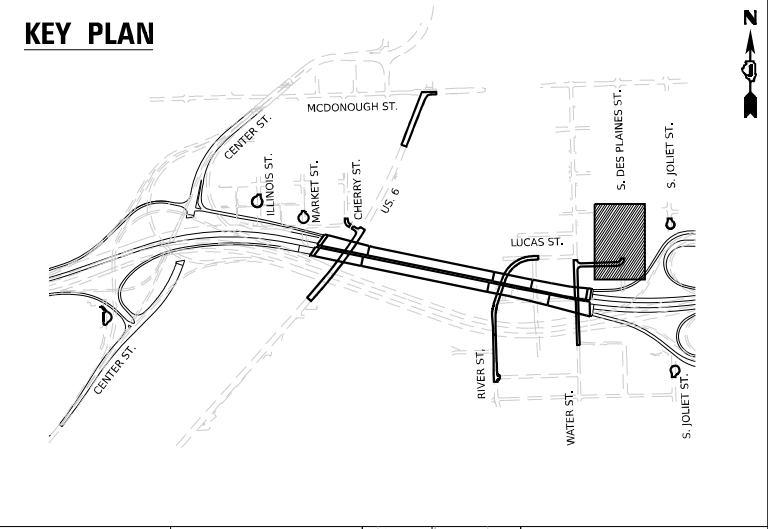
REVISED -  
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 REVISED -  
 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**JOLIET UTILITY REMOVAL PLAN**

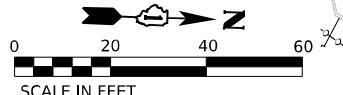
SCALE: 1"=20' SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	361
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



MATCHLINE - SEE SHEET 361

MATCHLINE SEE SHEET 5 OF 9



V3 Companies  
7325 Janes Avenue  
Woodridge, IL 60517  
630.724.9200 phone  
630.724.9202 fax  
www.v3co.com

USER NAME = dpung	DESIGNED - CD	REVISED -
PLOT SCALE =	DRAWN - DP	REVISED -
PLOT DATE = 11/6/2025	CHECKED - JH	REVISED -
	DATE - 11/7/2025	REVISED -

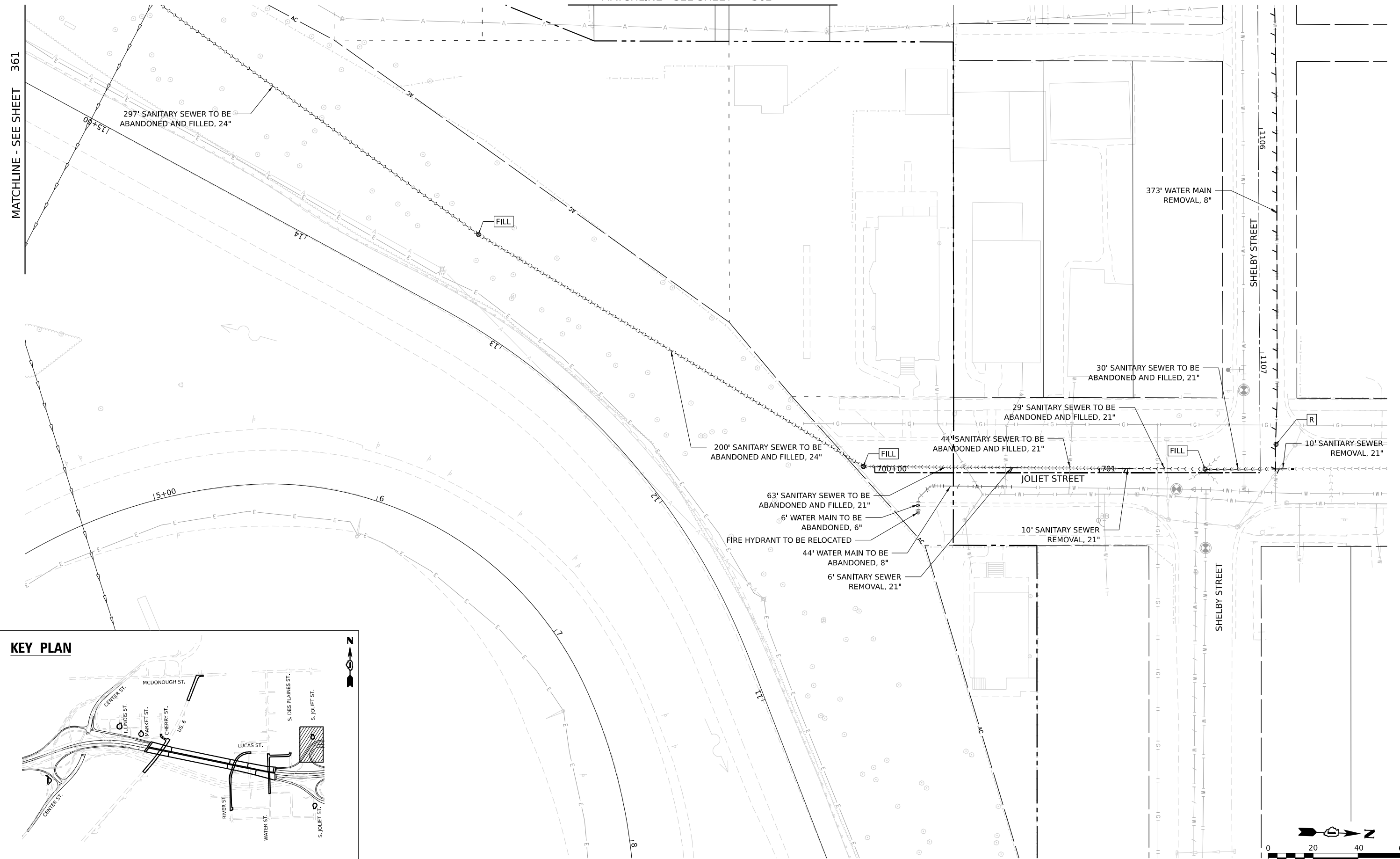
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**JOLIET UTILITY REMOVAL PLAN**

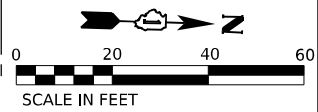
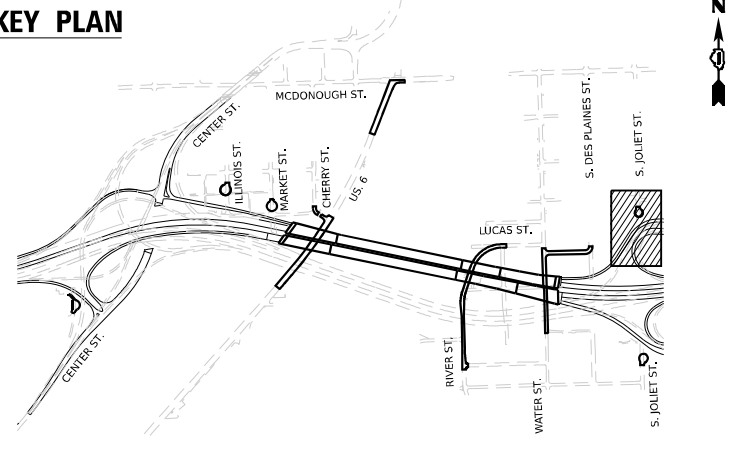
SCALE: 1"=20' SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 362
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

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**KEY PLAN**



MODEL: Default; FILE NAME: p:\projects\transys\corp\p1\hosted\Documents\projects\_2018\C401140118002703-WSP\project\_info\Utilities\COU-V2-JULIET\62R23-AB-1\Sheet\62R23-shr-removal15.dgn


 V3 Companies  
 7325 Janes Avenue  
 Woodridge, IL 60517  
 630.724.9200 phone  
 630.724.9202 fax  
 www.v3co.com

USER NAME = dpung	DESIGNED - CD	REVISED -
PLOT SCALE =	DRAWN - DP	REVISED -
PLOT DATE = 11/6/2025	CHECKED - JH	REVISED -
	DATE - 11/7/2025	REVISED -

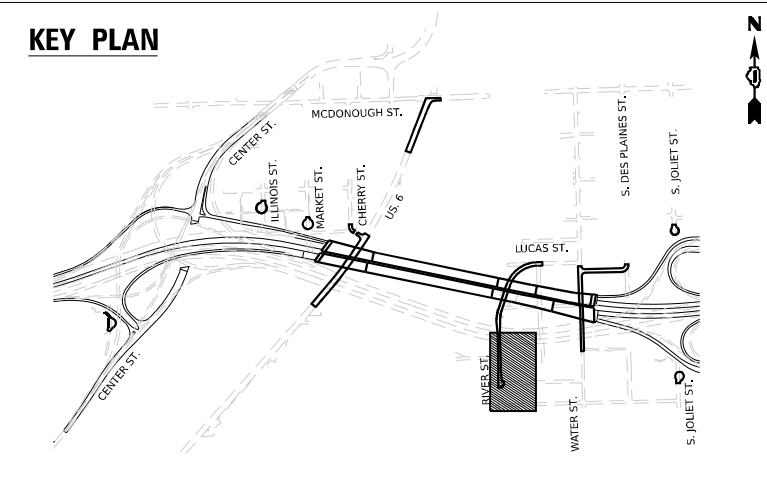
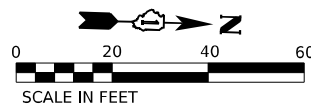
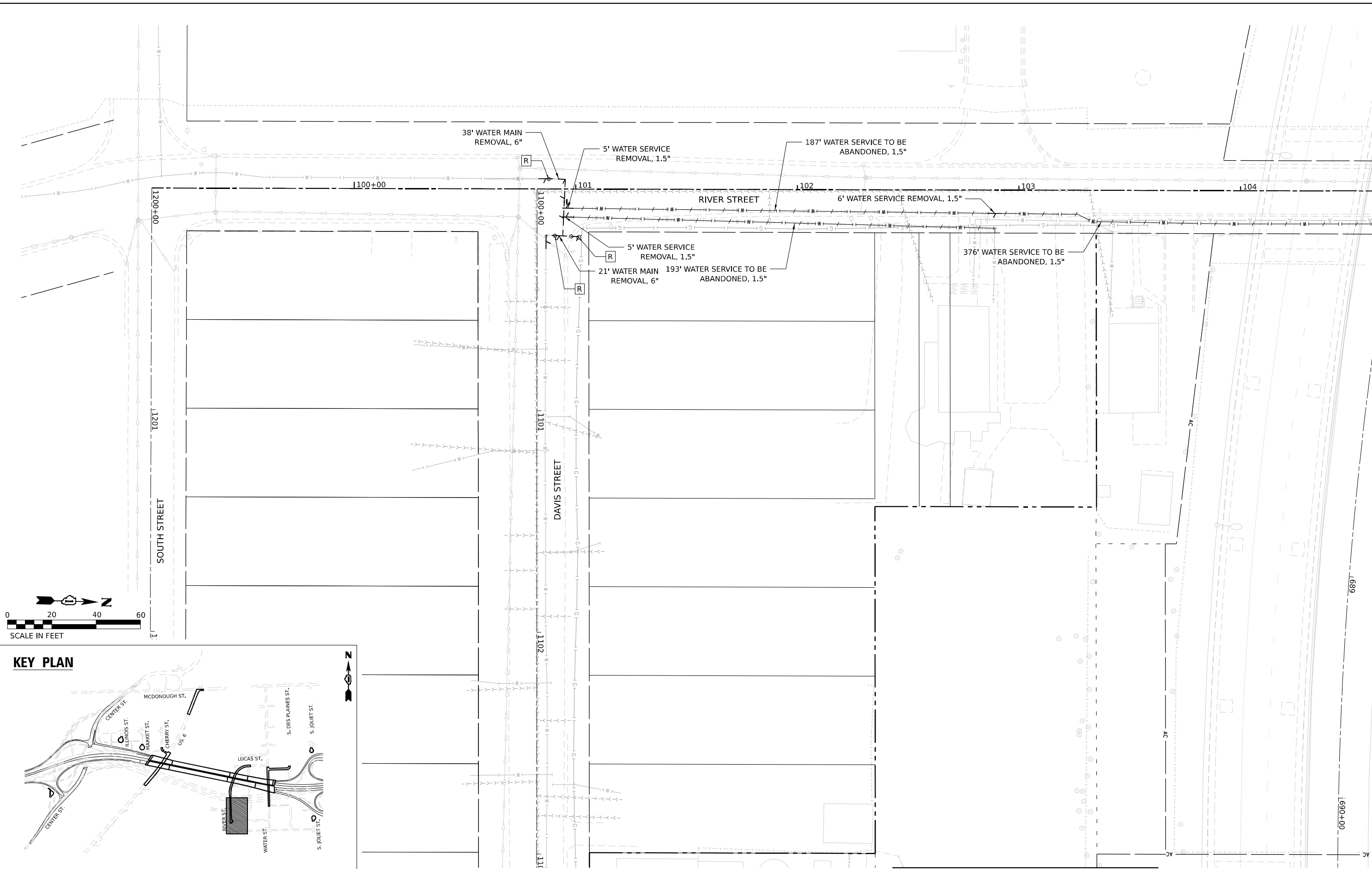
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**JOLIET UTILITY REMOVAL PLAN**

SCALE: 1"=20' SHEET 5 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	363
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

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V3 Companies  
 7325 Janes Avenue  
 Woodridge, IL 60517  
 630.724.9200 phone  
 630.724.9202 fax  
 www.v3co.com

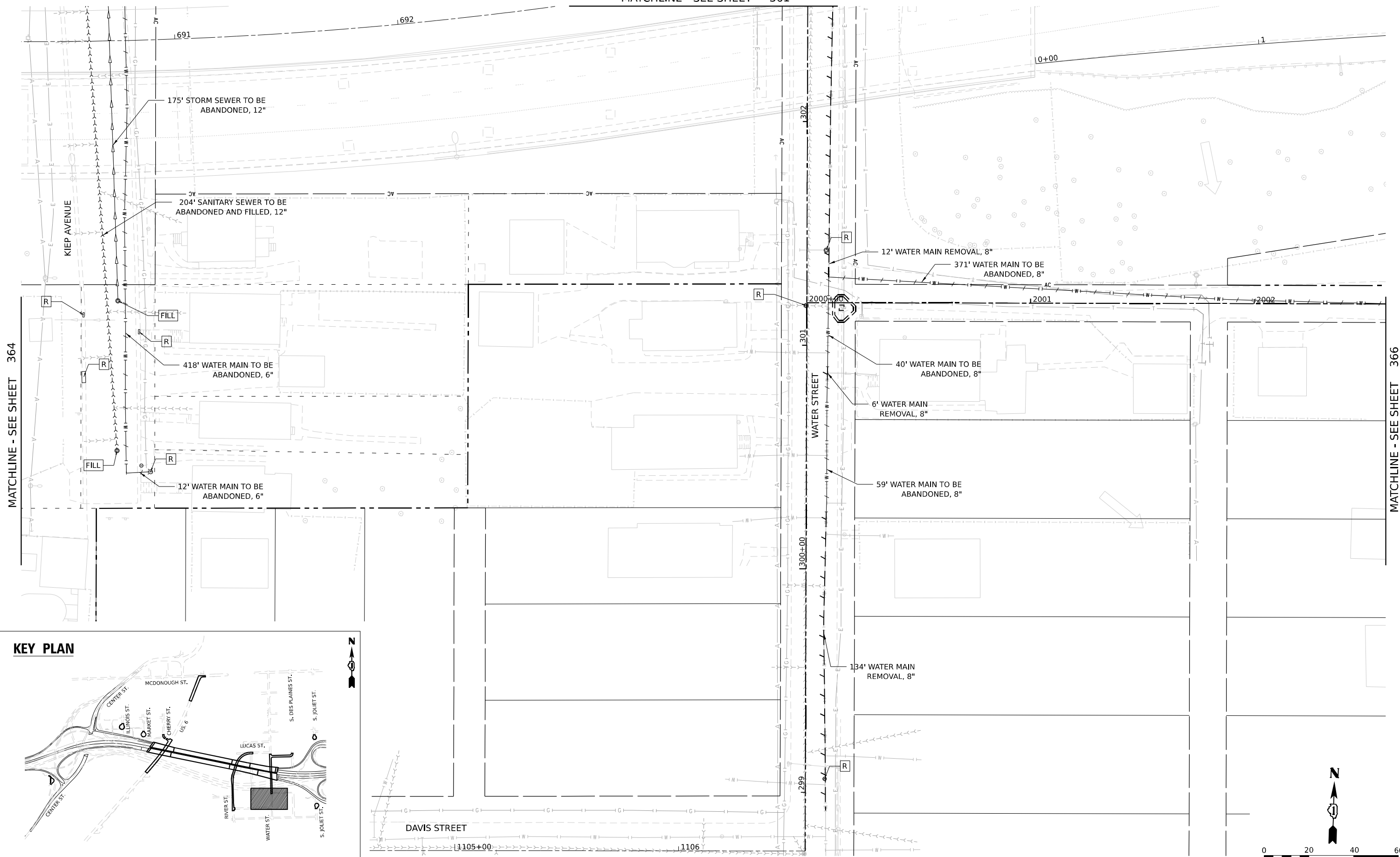
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PLOT SCALE =	DRAWN - DP	REVISED -
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**JOLIET UTILITY REMOVAL PLAN**

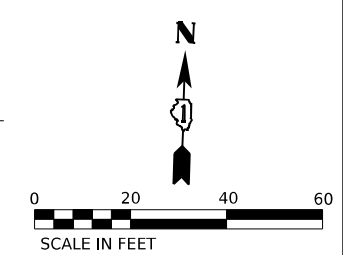
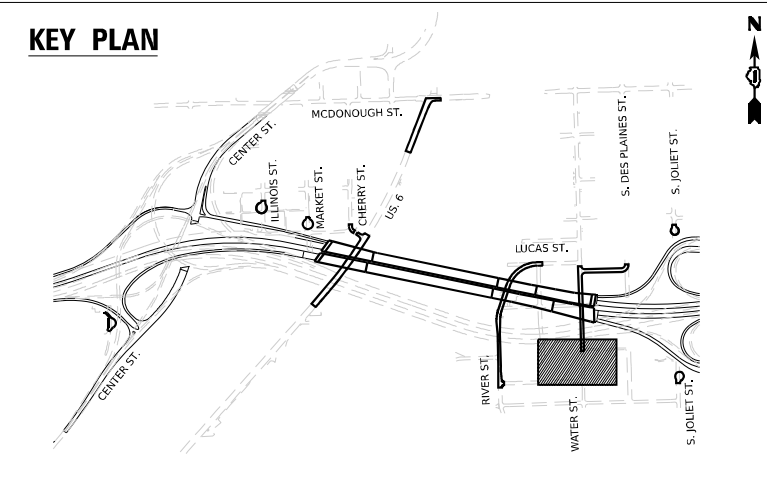
SCALE: 1"=20'    SHEET 6 OF 9 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	364
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



MATCHLINE - SEE SHEET 364

MATCHLINE - SEE SHEET 366



MODEL: Default  
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**V3** Companies  
 7325 Janes Avenue  
 Woodridge, IL 60517  
 630.724.9200 phone  
 630.724.9202 fax  
 www.v3co.com

USER NAME = dpung	DESIGNED - CD	REVISED -
PLOT SCALE =	DRAWN - DP	REVISED -
PLOT DATE = 11/6/2025	CHECKED - JH	REVISED -
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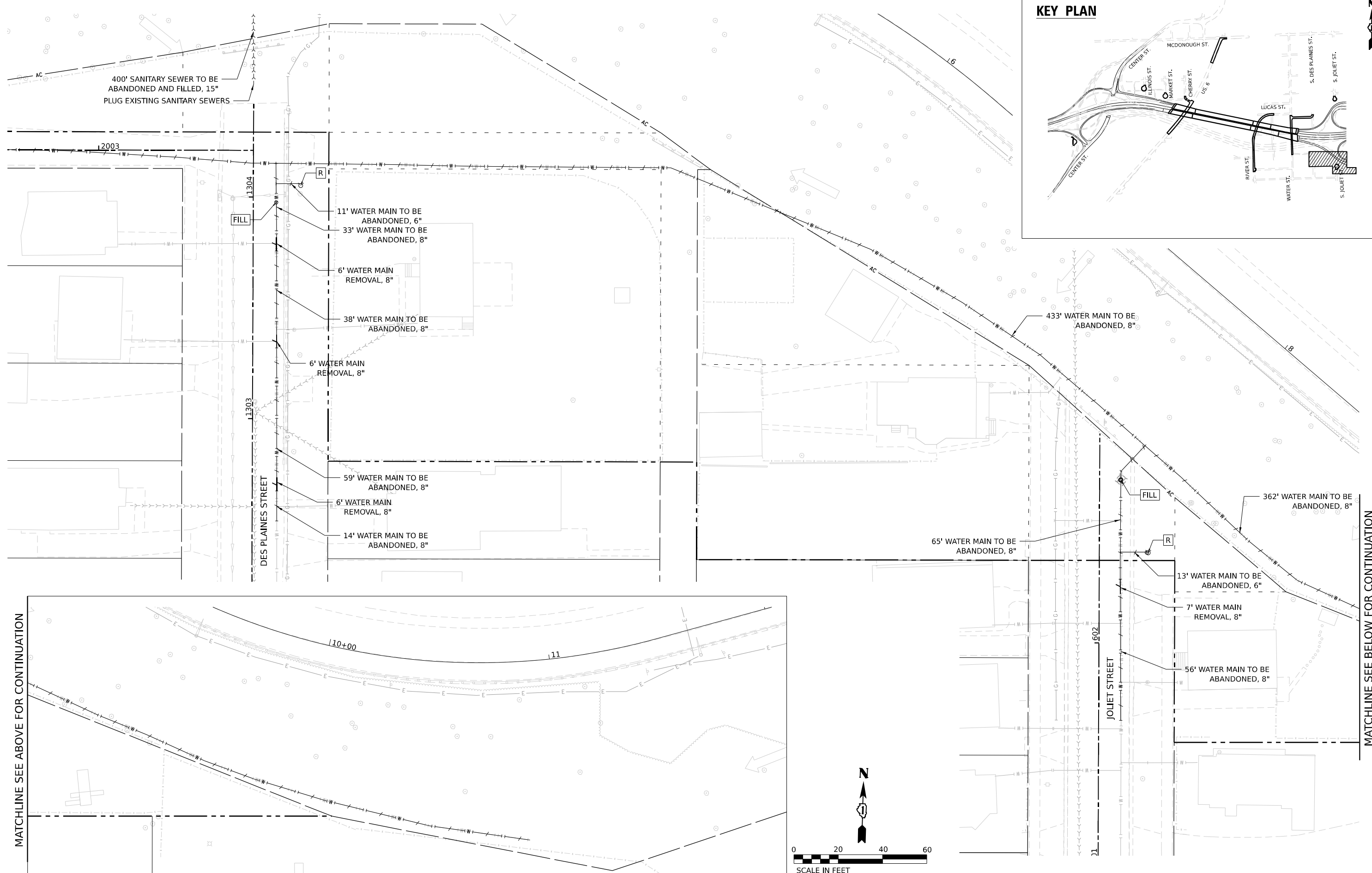
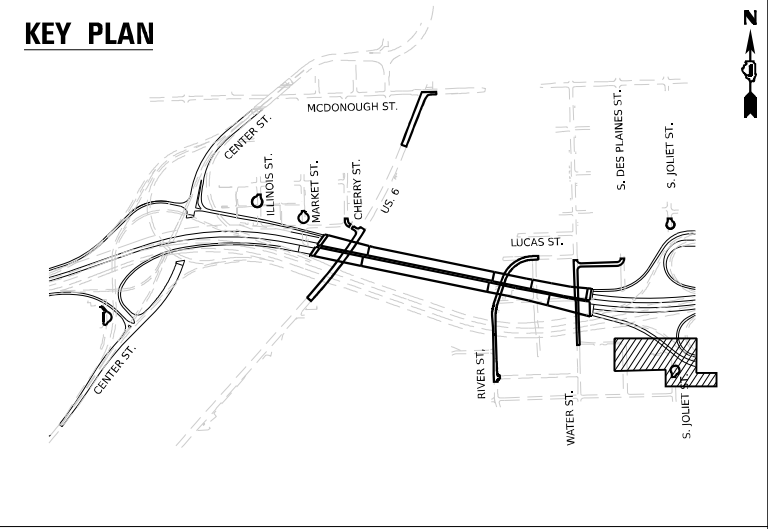
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DRAWN - DP	REVISED -
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DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**JOLIET UTILITY REMOVAL PLAN**

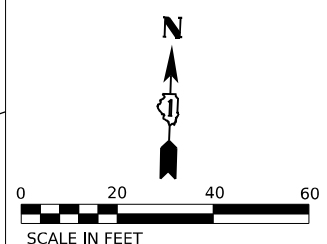
SCALE: 1"=20'    SHEET 7 OF 9 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	365
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



MATCHLINE SEE ABOVE FOR CONTINUATION

MATCHLINE SEE BELOW FOR CONTINUATION



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V3 Companies  
 7325 Janes Avenue  
 Woodridge, IL 60517  
 630.724.9200 phone  
 630.724.9202 fax  
 www.v3co.com

USER NAME = dpung	DESIGNED - CD	REVISED -
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	DATE - 11/7/2025	REVISED -

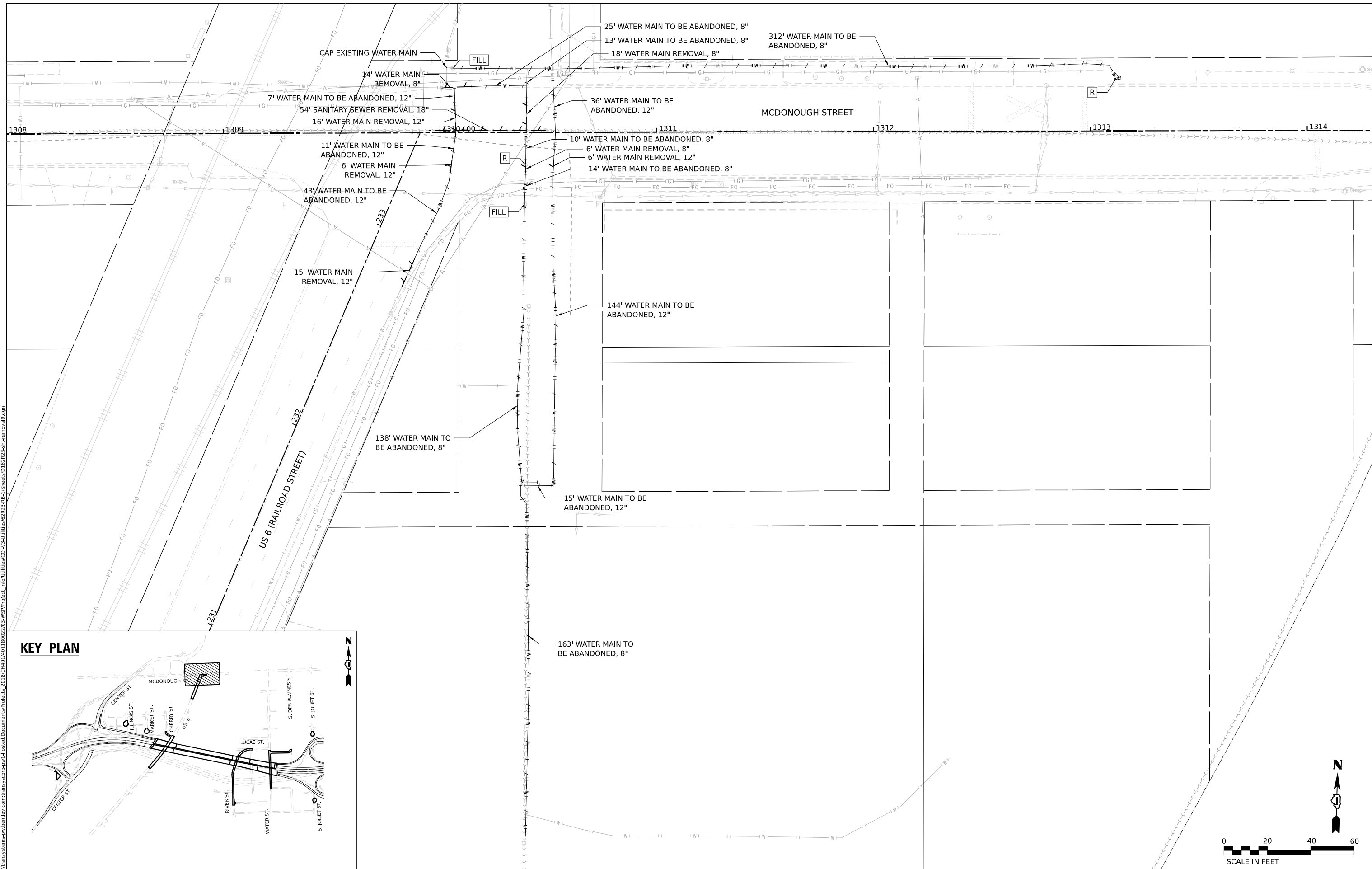
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**JOLIET UTILITY REMOVAL PLAN**

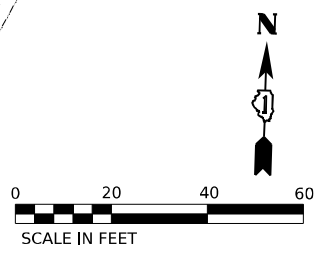
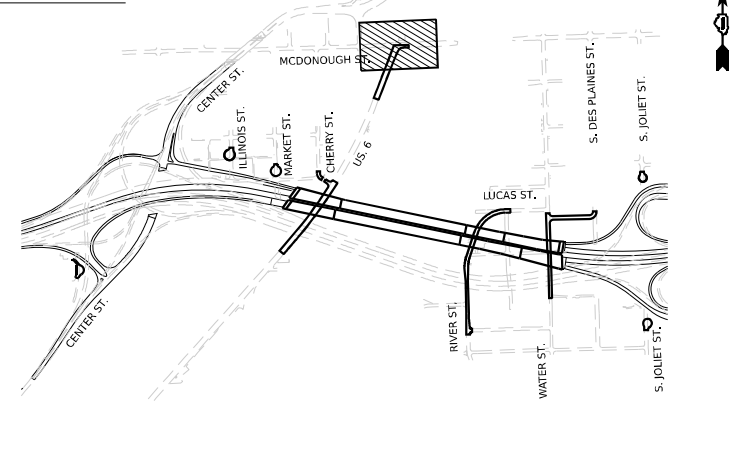
SCALE: 1"=20' SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 366
			CONTRACT NO. 62R23	
ILLINOIS FED. AID PROJECT				

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**KEY PLAN**



V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = dpung	DESIGNED - CD	REVISED -
	PLOT SCALE =	DRAWN - DP	REVISED -
	PLOT DATE = 11/6/2025	CHECKED - JH	REVISED -
		DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**JOLIET UTILITY REMOVAL PLAN**

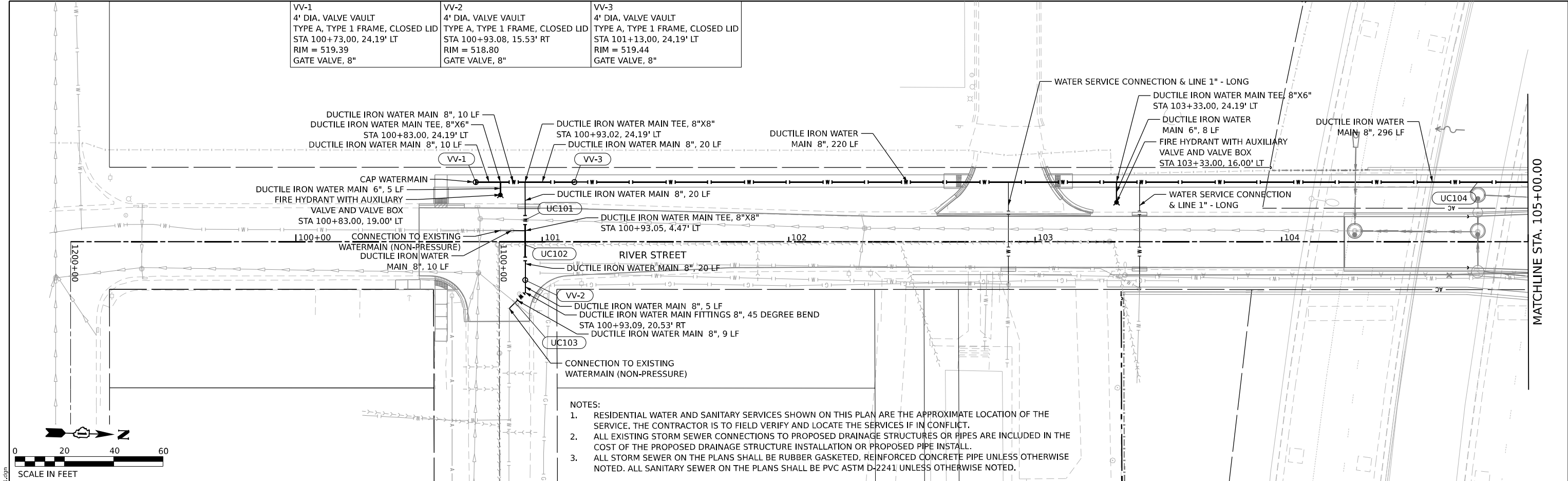
SCALE: 1"=20' SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	367
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

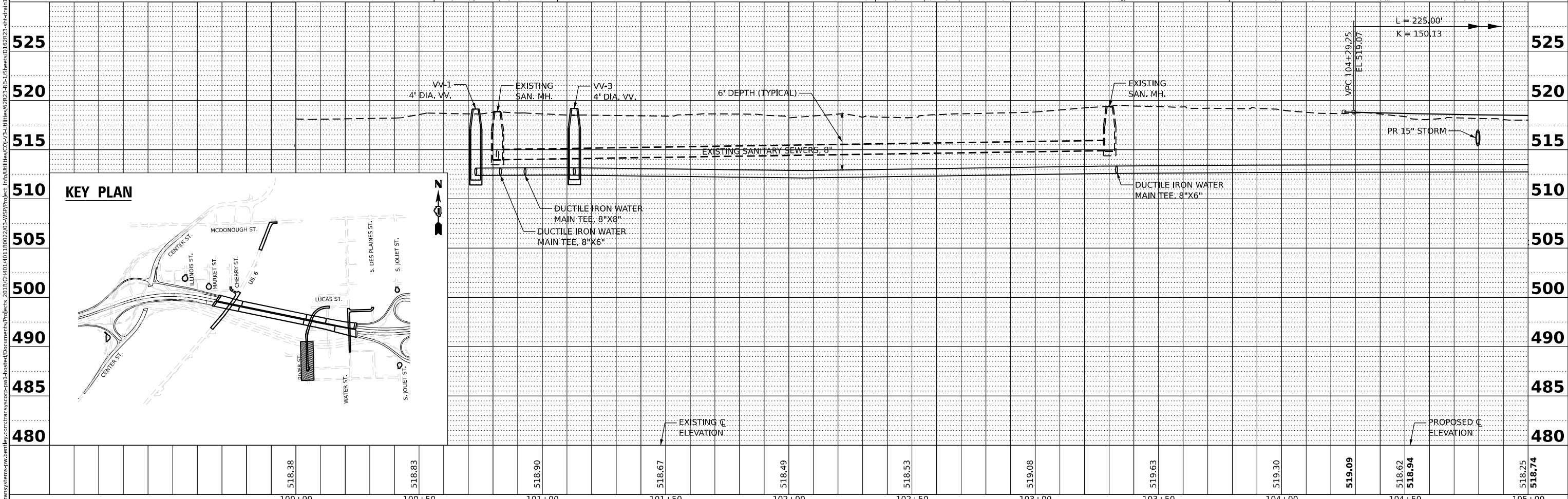
VV-1 4' DIA. VALVE VAULT TYPE A, TYPE 1 FRAME, CLOSED LID STA 100+73.00, 24.19' LT RIM = 519.39 GATE VALVE, 8"	VV-2 4' DIA. VALVE VAULT TYPE A, TYPE 1 FRAME, CLOSED LID STA 100+93.08, 15.53' RT RIM = 518.80 GATE VALVE, 8"	VV-3 4' DIA. VALVE VAULT TYPE A, TYPE 1 FRAME, CLOSED LID STA 101+13.00, 24.19' LT RIM = 519.44 GATE VALVE, 8"
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PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
CONTRACT NO.
PROJECT NAME
DATE
BY
NO.

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
CONTRACT NO.
PROJECT NAME
DATE
BY
NO.



- NOTES:
- RESIDENTIAL WATER AND SANITARY SERVICES SHOWN ON THIS PLAN ARE THE APPROXIMATE LOCATION OF THE SERVICE. THE CONTRACTOR IS TO FIELD VERIFY AND LOCATE THE SERVICES IF IN CONFLICT.
  - ALL EXISTING STORM SEWER CONNECTIONS TO PROPOSED DRAINAGE STRUCTURES OR PIPES ARE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURE INSTALLATION OR PROPOSED PIPE INSTALL.
  - ALL STORM SEWER ON THE PLANS SHALL BE RUBBER GASKETED, REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED. ALL SANITARY SEWER ON THE PLANS SHALL BE PVC ASTM D-2241 UNLESS OTHERWISE NOTED.



100+00	518.38	100+50	518.83	101+00	518.90	101+50	518.67	102+00	518.49	102+50	518.53	103+00	519.08	103+50	519.63	104+00	519.30	104+50	518.62 518.94	105+00	518.25 518.74
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V3 Companies  
7325 Janes Avenue  
Woodridge, IL 60517  
630.724.9200 phone  
630.724.9202 fax  
www.v3co.com

USER NAME = dpung	DESIGNED - CD	REVISED -
PLOT SCALE =	DRAWN - DP	REVISED -
PLOT DATE = 11/5/2025	CHECKED - JH	REVISED -
	DATE - 11/7/2025	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

JOLIET DRAINAGE AND UTILITY PLAN & PROFILE

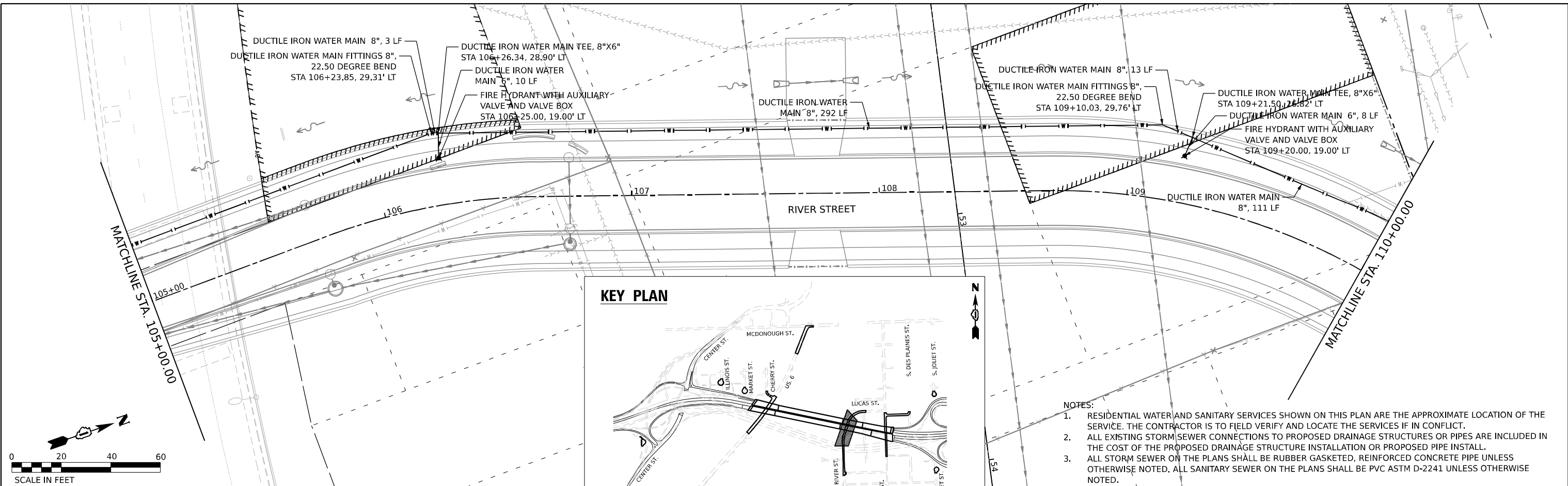
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	368
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

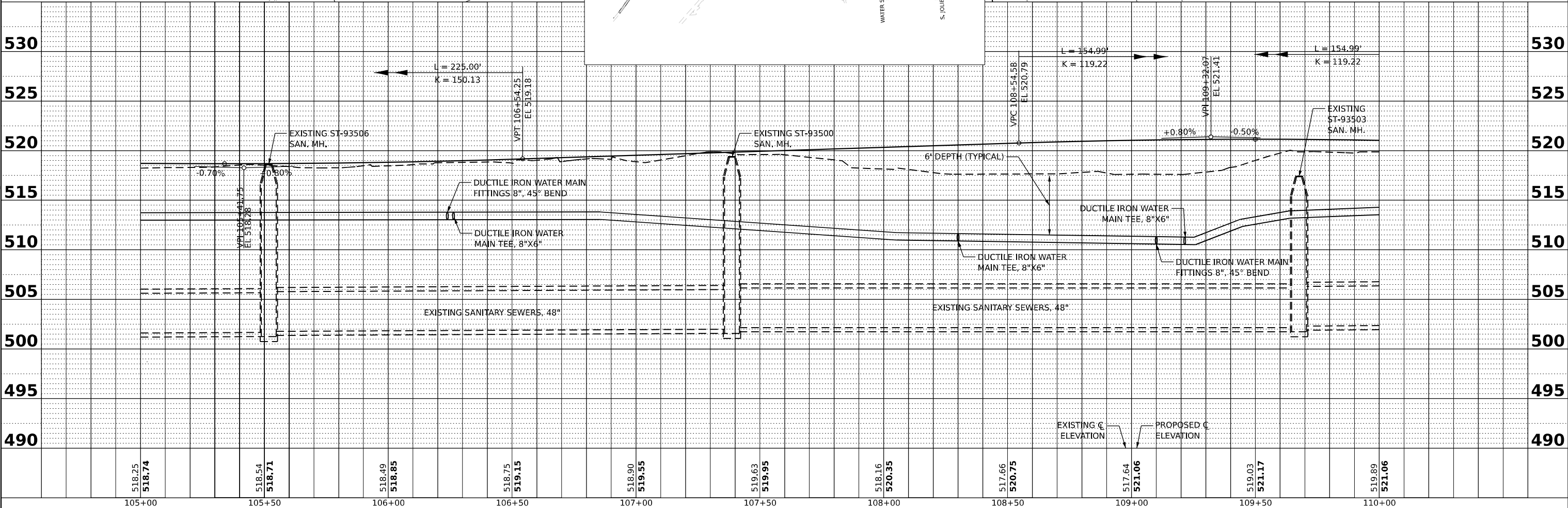
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BY	
PLAN	
NO.	
NOTE BOOK	
NO.	
ALIGNED CHECKED	
PLOTTED	
SURVEYED	

DATE	
BY	
PROFILE	
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NOTE BOOK	
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PLOTTED	
SURVEYED	

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- NOTES:
1. RESIDENTIAL WATER AND SANITARY SERVICES SHOWN ON THIS PLAN ARE THE APPROXIMATE LOCATION OF THE SERVICE. THE CONTRACTOR IS TO FIELD VERIFY AND LOCATE THE SERVICES IF IN CONFLICT.
  2. ALL EXISTING STORM SEWER CONNECTIONS TO PROPOSED DRAINAGE STRUCTURES OR PIPES ARE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURE INSTALLATION OR PROPOSED PIPE INSTALL.
  3. ALL STORM SEWER ON THE PLANS SHALL BE RUBBER GASKETED, REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED. ALL SANITARY SEWER ON THE PLANS SHALL BE PVC ASTM D-2241 UNLESS OTHERWISE NOTED.



518.25	518.74	518.54	518.71	518.49	518.85	518.75	519.15	518.90	519.55	519.63	519.95	518.16	520.35	517.66	520.75	517.64	521.06	519.03	521.17	519.89	521.06
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105+00	105+50	106+00	106+50	107+00	107+50	108+00	108+50	109+00	109+50	110+00
USER NAME = dpung	DESIGNED - CD	REVISED -								
PLOT SCALE =	DRAWN - DP	REVISED -								
PLOT DATE = 11/5/2025	CHECKED - JH	REVISED -								
	DATE - 11/7/2025	REVISED -								

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

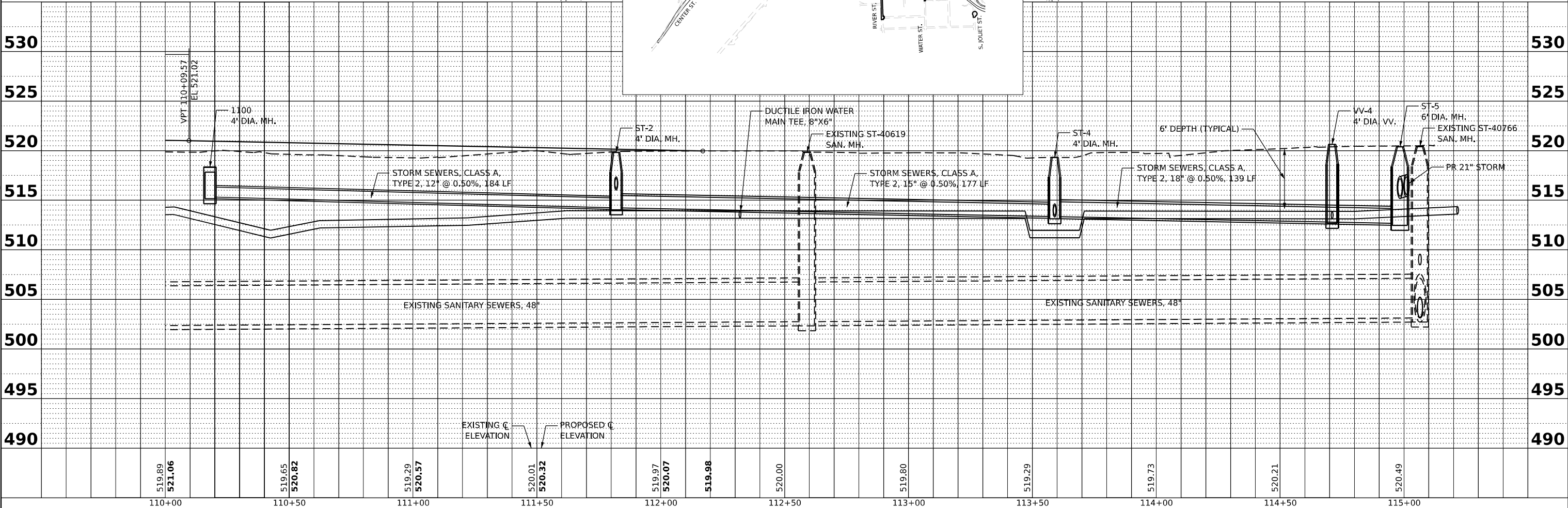
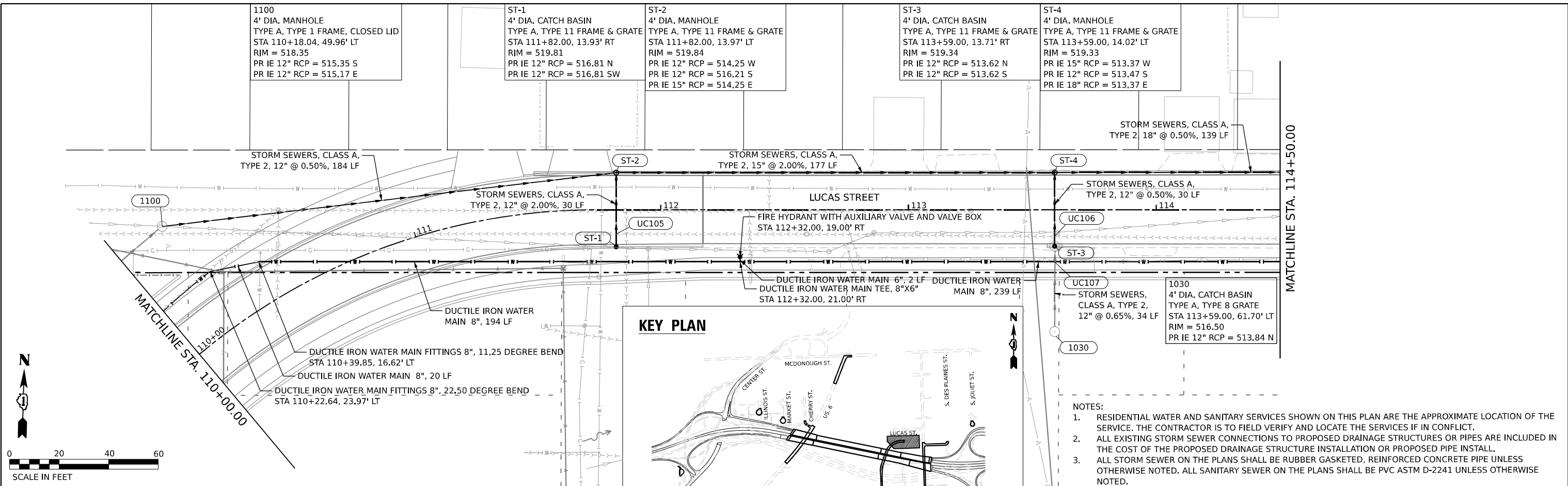
JOLIET DRAINAGE AND UTILITY PLAN & PROFILE  
 SCALE: 1"=20' SHEET 2 OF 13 SHEETS STA. 105+00.00 TO STA. 110+00.00

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 369
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	SURVEYED
	ALIGNED
	CHECKED
	DATE
	NO.
	NO.
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DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADING
	CHECKED
	STRUCTURE
	NOTING
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	NO.

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519.89	521.06	519.65	520.82	519.29	520.57	520.01	520.32	519.97	520.07	519.98	520.00	519.80	519.29	519.73	520.21	520.49	530
110+00	110+50	111+00	111+50	112+00	112+50	113+00	113+50	114+00	114+50	115+00							530

**V3**  
 V3 Companies  
 7325 Janes Avenue  
 Woodridge, IL 60517  
 630.724.9200 phone  
 630.724.9202 fax  
 www.v3co.com

USER NAME = dpung	DESIGNED - CD	REVISED -
PLLOT SCALE =	DRAWN - DP	REVISED -
PLLOT DATE = 11/5/2025	CHECKED - JH	REVISED -
	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

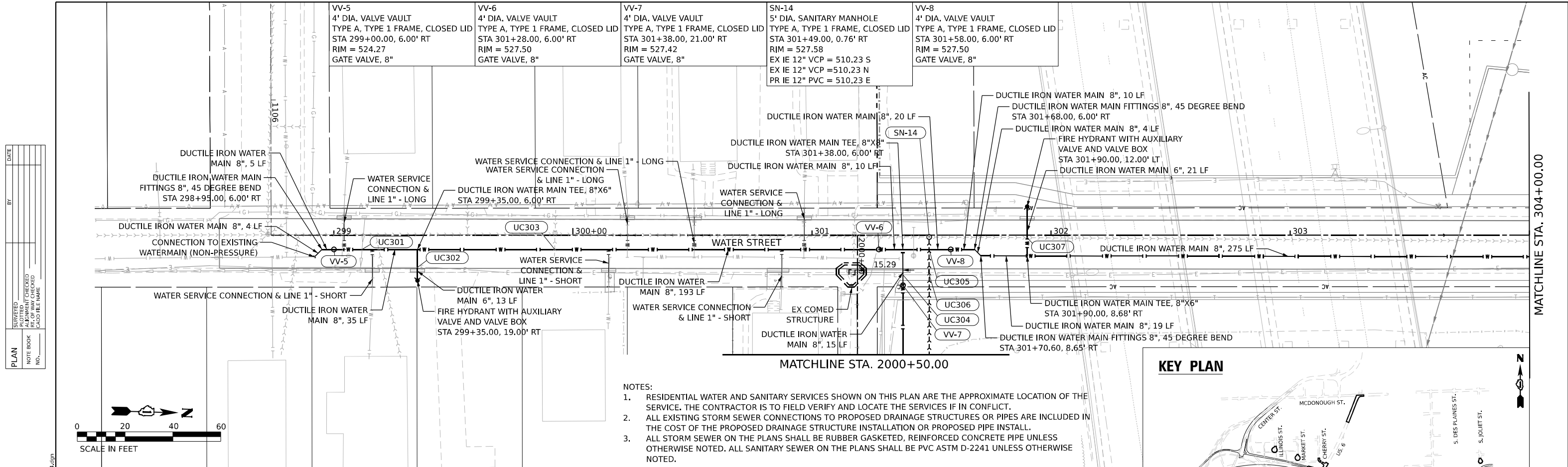
**JOLIET DRAINAGE AND UTILITY PLAN & PROFILE**  
 SCALE: 1"=20'  
 SHEET 3 OF 13 SHEETS  
 STA. 110+00.00 TO STA. 114+50.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	370
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

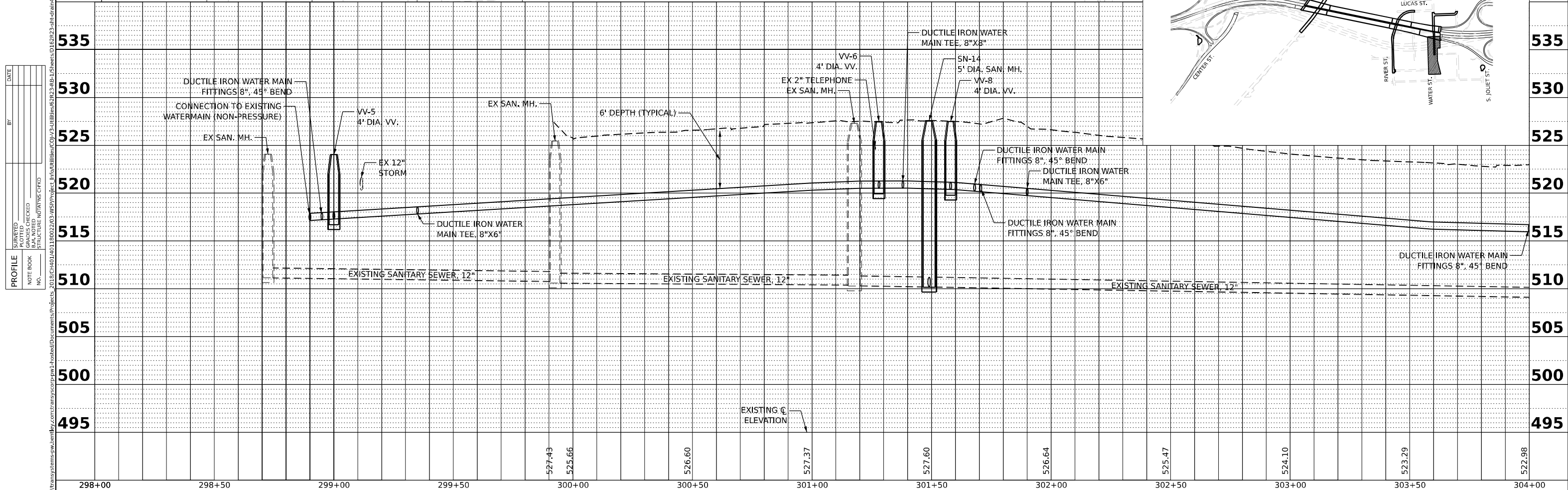
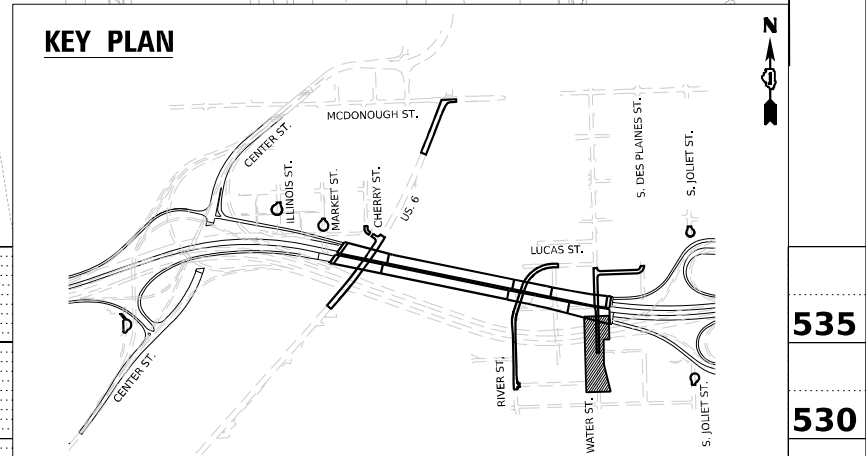
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DATE	
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PROFILE	SURVEYED
	GRADES
	CHECKED
	PLOTTED
	DATE
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- NOTES:
1. RESIDENTIAL WATER AND SANITARY SERVICES SHOWN ON THIS PLAN ARE THE APPROXIMATE LOCATION OF THE SERVICE. THE CONTRACTOR IS TO FIELD VERIFY AND LOCATE THE SERVICES IF IN CONFLICT.
  2. ALL EXISTING STORM SEWER CONNECTIONS TO PROPOSED DRAINAGE STRUCTURES OR PIPES ARE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURE INSTALLATION OR PROPOSED PIPE INSTALL.
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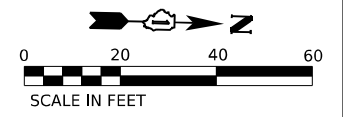


V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = dpung DESIGNED - CD DRAWN - DP CHECKED - JH DATE - 11/7/2025	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>JOLIET DRAINAGE AND UTILITY PLAN &amp; PROFILE</b> SCALE: 1"=20' SHEET 4 OF 13 SHEETS STA. 298+00.00 TO STA. 304+00.00	F.A.I. R.T.E. 80 SECTION FAI 80 21 STRUCTURE 2 COUNTY WILL COUNTY SHEETS 1230 TOTAL SHEETS 371 CONTRACT NO. 62R23
	ILLINOIS FED. AID PROJECT				

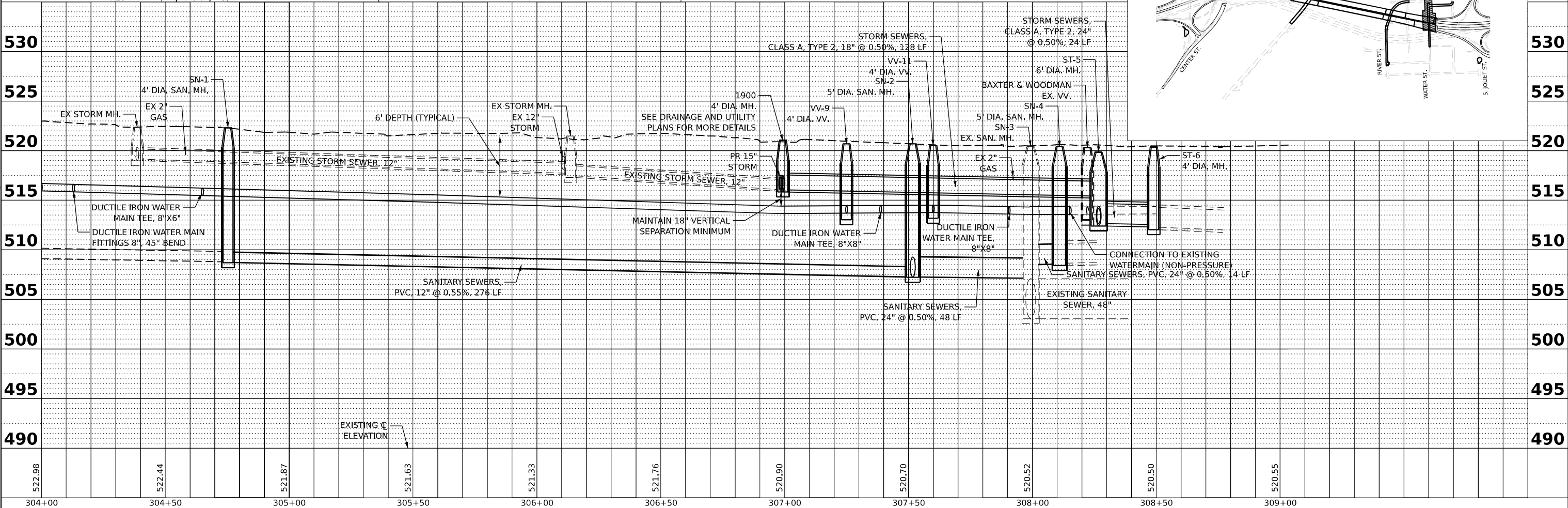
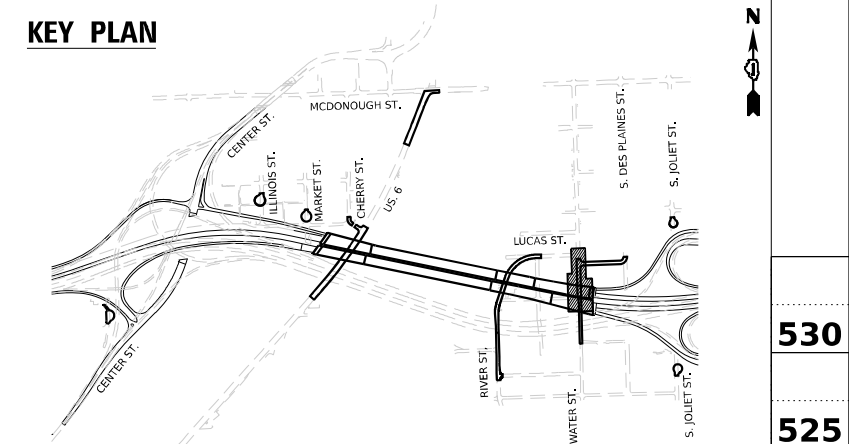
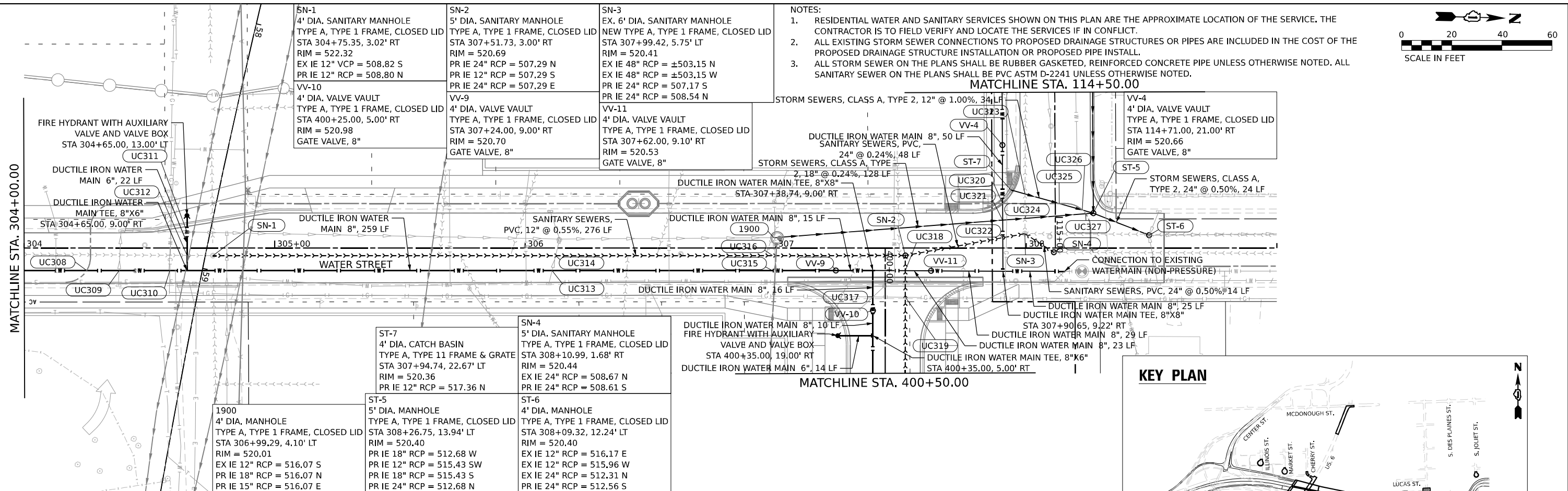
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NOTES:  
 1. RESIDENTIAL WATER AND SANITARY SERVICES SHOWN ON THIS PLAN ARE THE APPROXIMATE LOCATION OF THE SERVICE, THE CONTRACTOR IS TO FIELD VERIFY AND LOCATE THE SERVICES IF IN CONFLICT.  
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**MATCHLINE STA. 114+50.00**



304+00	304+50	305+00	305+50	306+00	306+50	307+00	307+50	308+00	308+50	309+00
522.98	522.44	521.87	521.63	521.33	521.76	520.90	520.70	520.52	520.50	520.55

	V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	DESIGNED - CD	REVISION -
	USER NAME = dpung	DRAWN - DP	REVISION -
	PLOT SCALE =	CHECKED - JH	REVISION -
	PLOT DATE = 11/5/2025	DATE = 11/7/2025	REVISION -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**JOLIET DRAINAGE AND UTILITY PLAN & PROFILE**  
 SCALE: 1"=20' SHEET 5 OF 13 SHEETS STA. 304+00.00 TO STA. 309+00.00

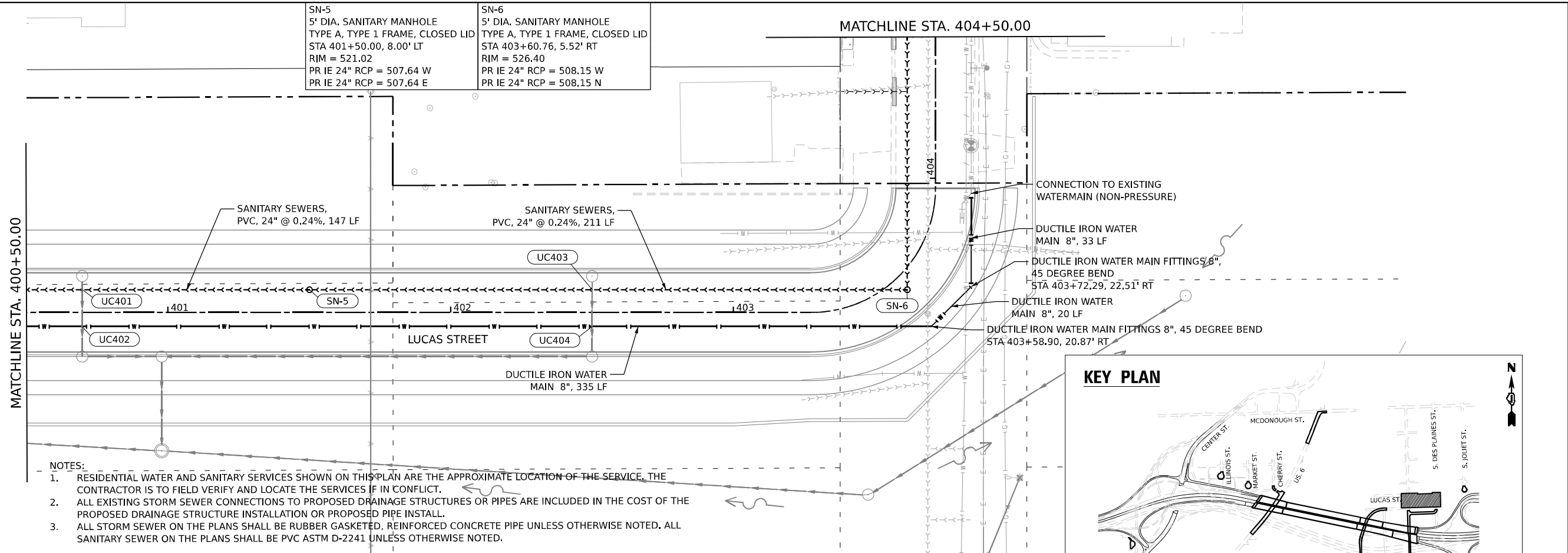
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	372
CONTRACT NO. 62R23				
		ILLINOIS		FED. AID PROJECT

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
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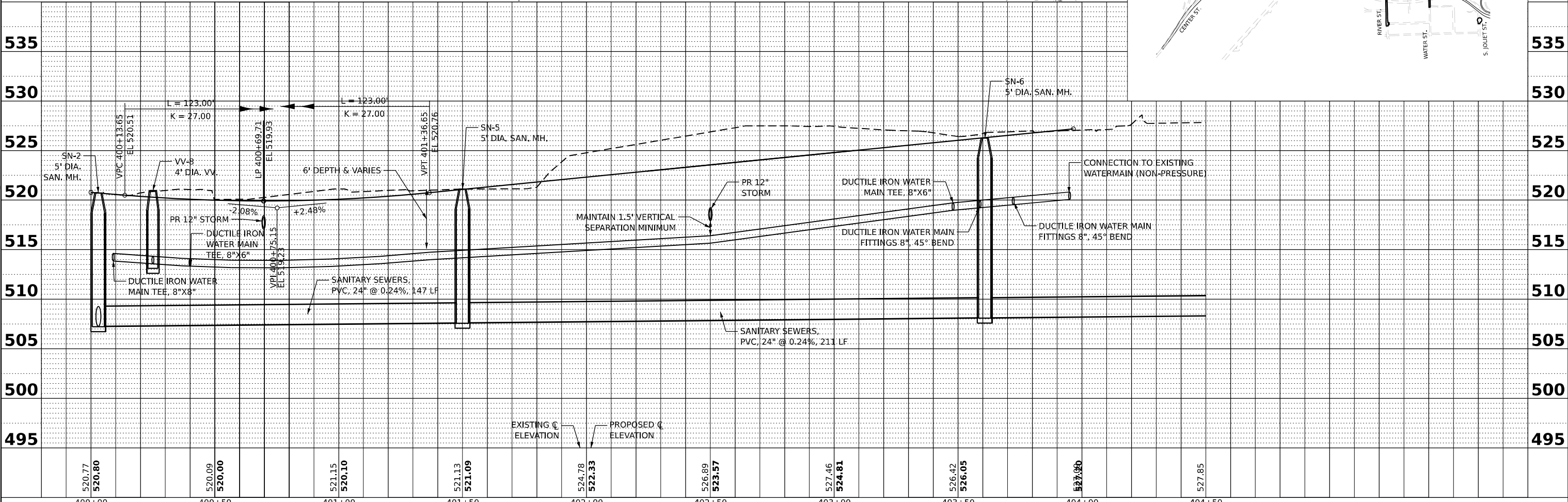
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	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK	
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SN-5	5' DIA. SANITARY MANHOLE TYPE A, TYPE 1 FRAME, CLOSED LID STA 401+50.00, 8.00' LT RIM = 521.02 PR IE 24" RCP = 507.64 W PR IE 24" RCP = 507.64 E
SN-6	5' DIA. SANITARY MANHOLE TYPE A, TYPE 1 FRAME, CLOSED LID STA 403+60.76, 5.52' RT RIM = 526.40 PR IE 24" RCP = 508.15 W PR IE 24" RCP = 508.15 N



- NOTES:
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  2. ALL EXISTING STORM SEWER CONNECTIONS TO PROPOSED DRAINAGE STRUCTURES OR PIPES ARE INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURE INSTALLATION OR PROPOSED PIPE INSTALL.
  3. ALL STORM SEWER ON THE PLANS SHALL BE RUBBER GASKETED, REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED. ALL SANITARY SEWER ON THE PLANS SHALL BE PVC ASTM D-2241 UNLESS OTHERWISE NOTED.



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 7325 Janes Avenue  
 Woodridge, IL 60517  
 630.724.9200 phone  
 630.724.9202 fax  
 www.v3co.com

USER NAME	= dpung	DESIGNED	- CD	REVISED	-
PLOT SCALE	=	DRAWN	- DP	REVISED	-
PLOT DATE	= 11/5/2025	CHECKED	- JH	REVISED	-
		DATE	- 11/7/2025	REVISED	-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

JOLIET DRAINAGE AND UTILITY PLAN & PROFILE

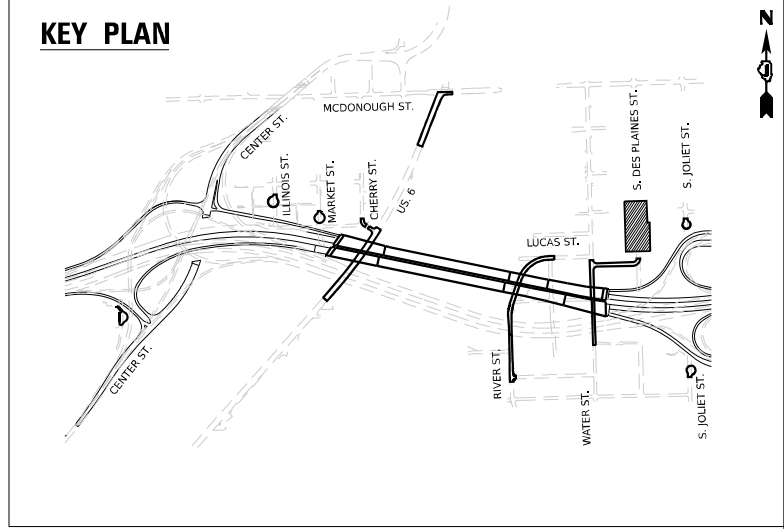
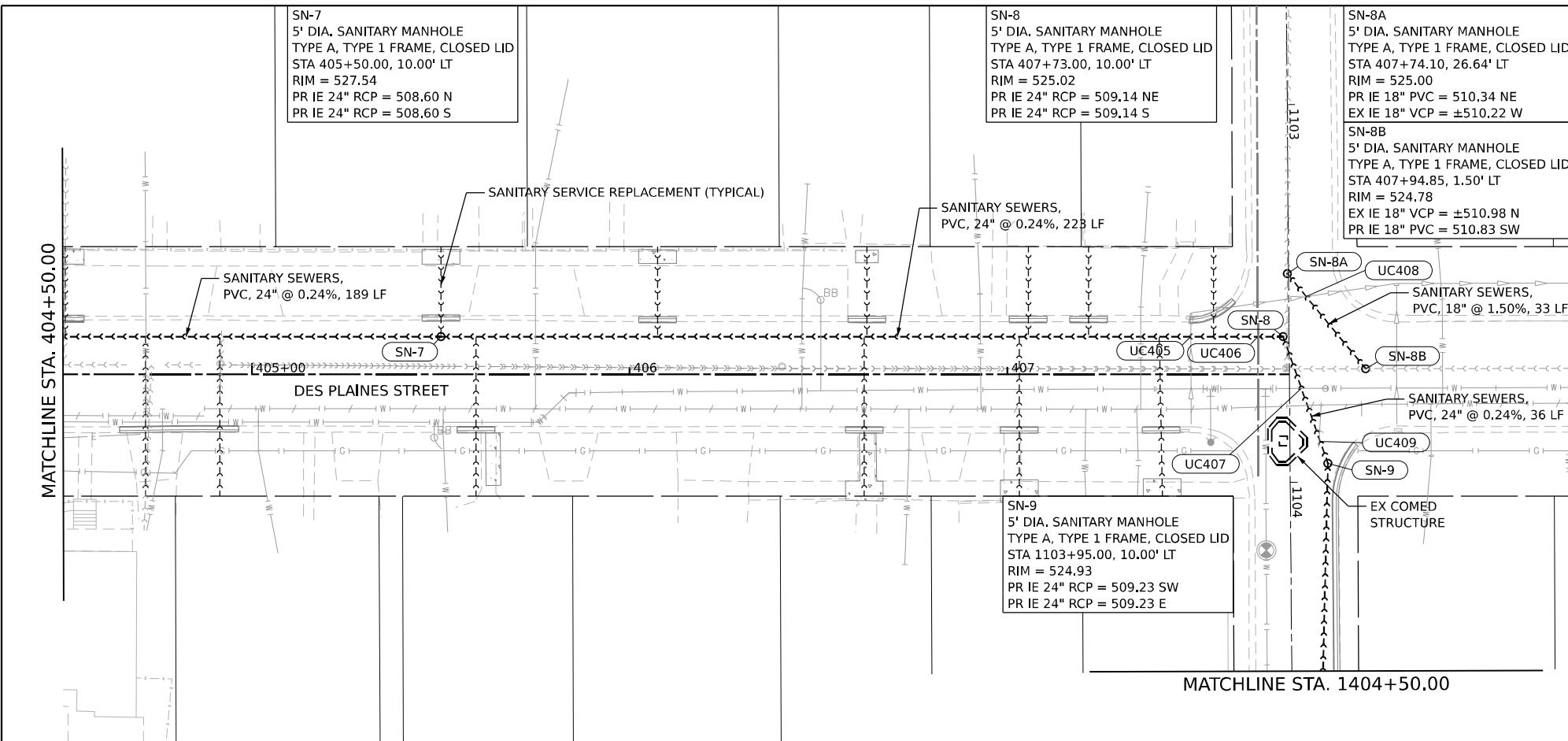
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	373
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

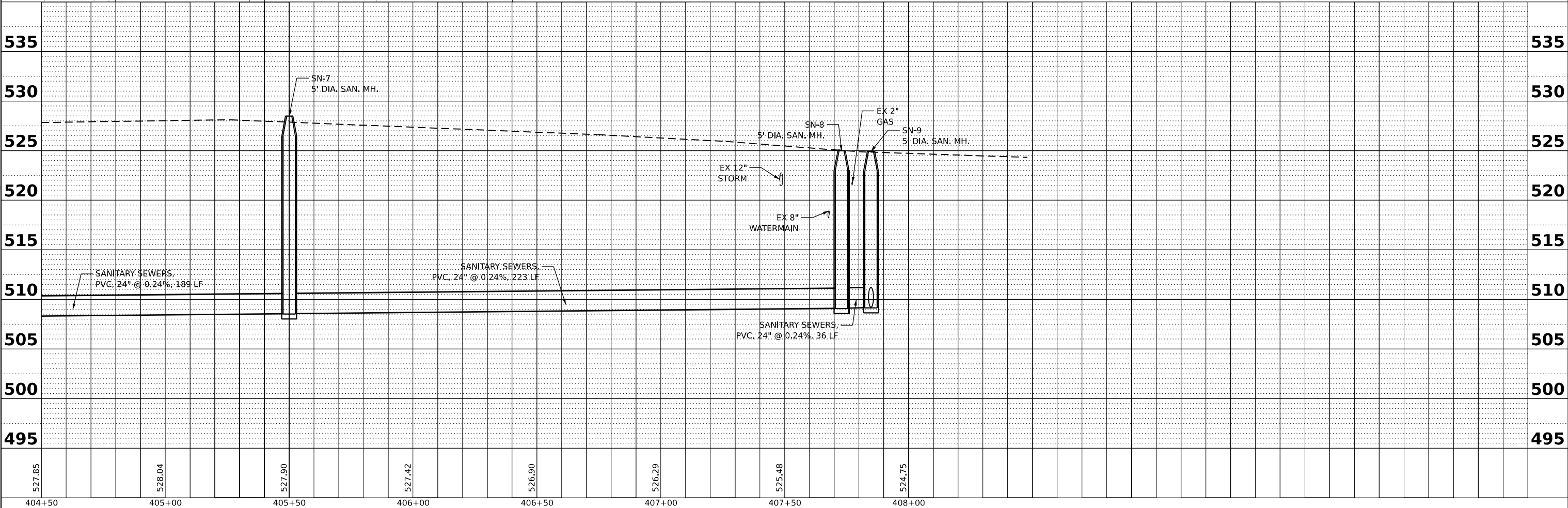
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	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	

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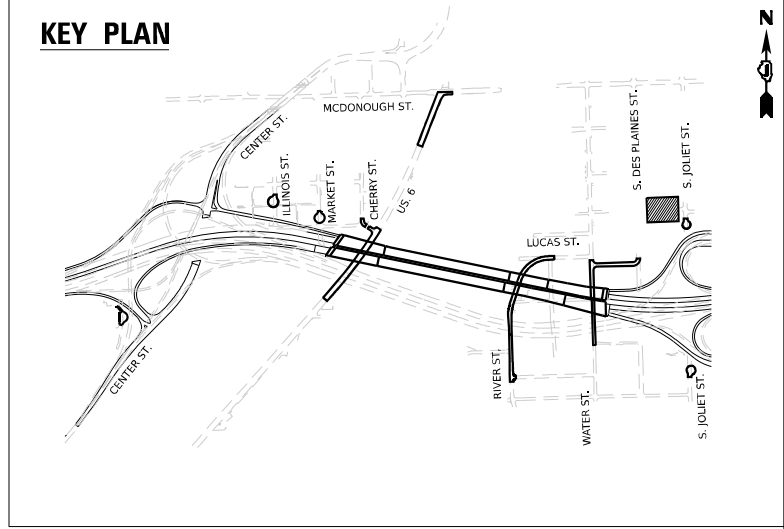
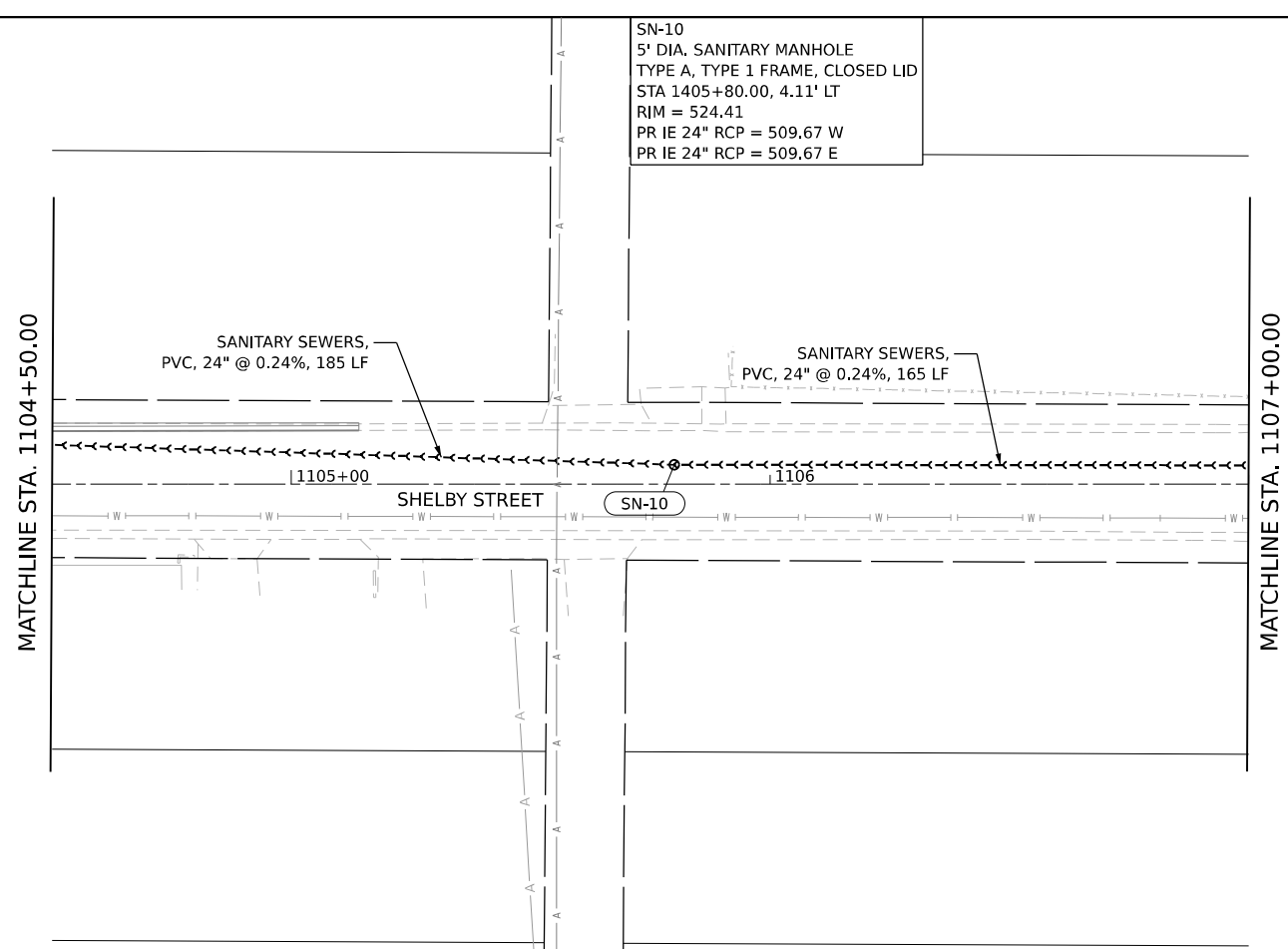


V3 Companies 7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = dpung DESIGNED - CD DRAWN - DP CHECKED - JH DATE - 11/7/2025	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>JOLIET DRAINAGE AND UTILITY PLAN &amp; PROFILE</b>	F.A.I. RTE. 80 SECTION FAI 80 21 STRUCTURE 2 COUNTY WILL TOTAL SHEETS 1230 SHEET NO. 374	CONTRACT NO. 62R23
	SCALE = 1"=20' SHEET 7 OF 13 SHEETS STA. 404+50.00 TO STA. 408+00.00	ILLINOIS FED. AID PROJECT				

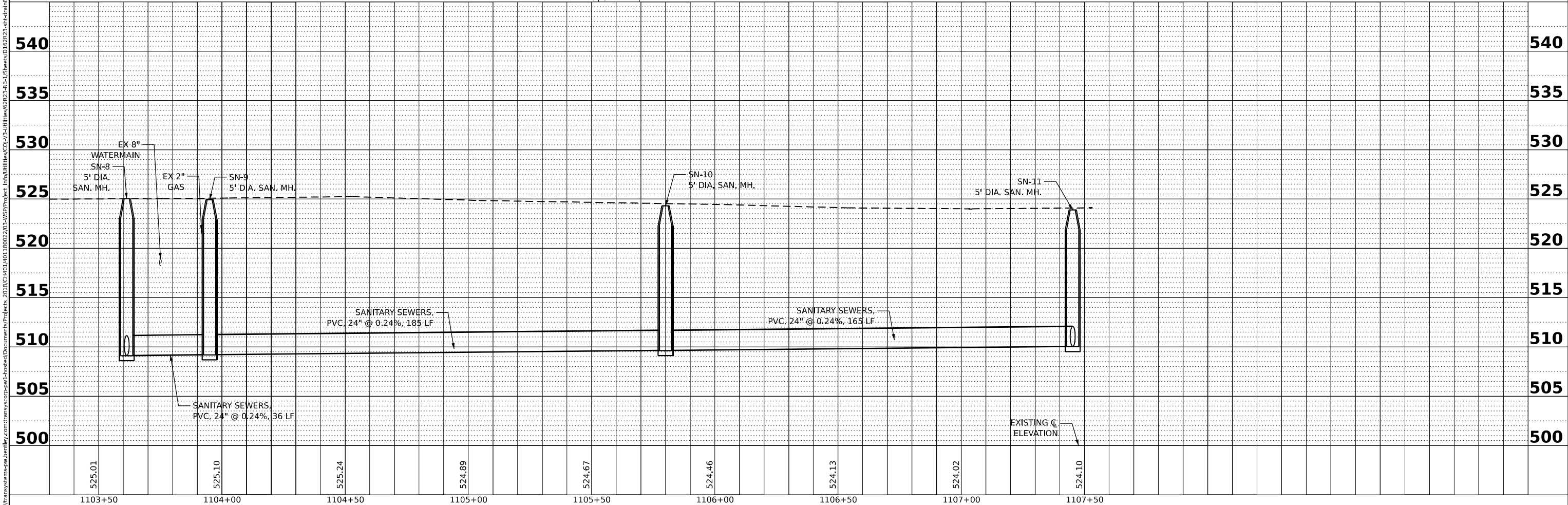
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	PLOTTED	
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTING CHECKED	
NOTE BOOK NO.	PROJECT FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTING CHECKED	
NOTE BOOK NO.	PROJECT FILE NAME	

SN-10  
5' DIA. SANITARY MANHOLE  
TYPE A, TYPE 1 FRAME, CLOSED LID  
STA 1405+80.00, 4.11' LT  
RJM = 524.41  
PR IE 24" RCP = 509.67 W  
PR IE 24" RCP = 509.67 E



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	DRAWN - DP	REVISED -
PLOT SCALE =	CHECKED - JH	REVISED -
PLOT DATE = 11/5/2025	DATE - 11/7/2025	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

JOLIET DRAINAGE AND UTILITY PLAN & PROFILE  
SCALE: 1"=20' SHEET 8 OF 13 SHEETS STA. 1104+50.00 TO STA. 1107+00.00

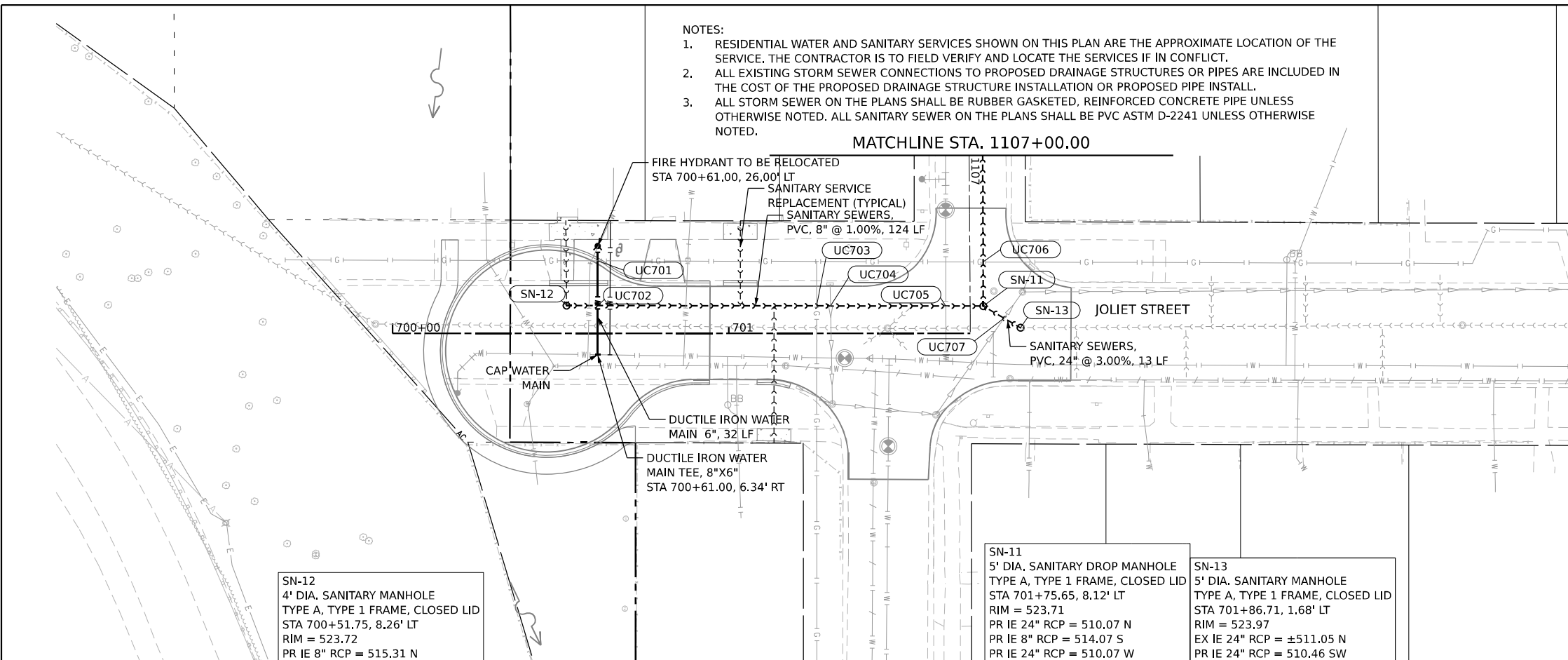
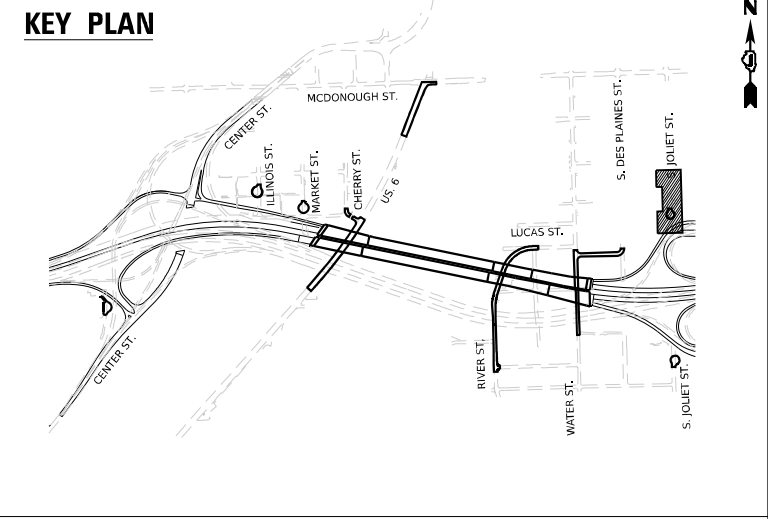
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CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	FIELD FILE NAME	
	NOTE BOOK NO.	

PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
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	NOTE BOOK NO.	

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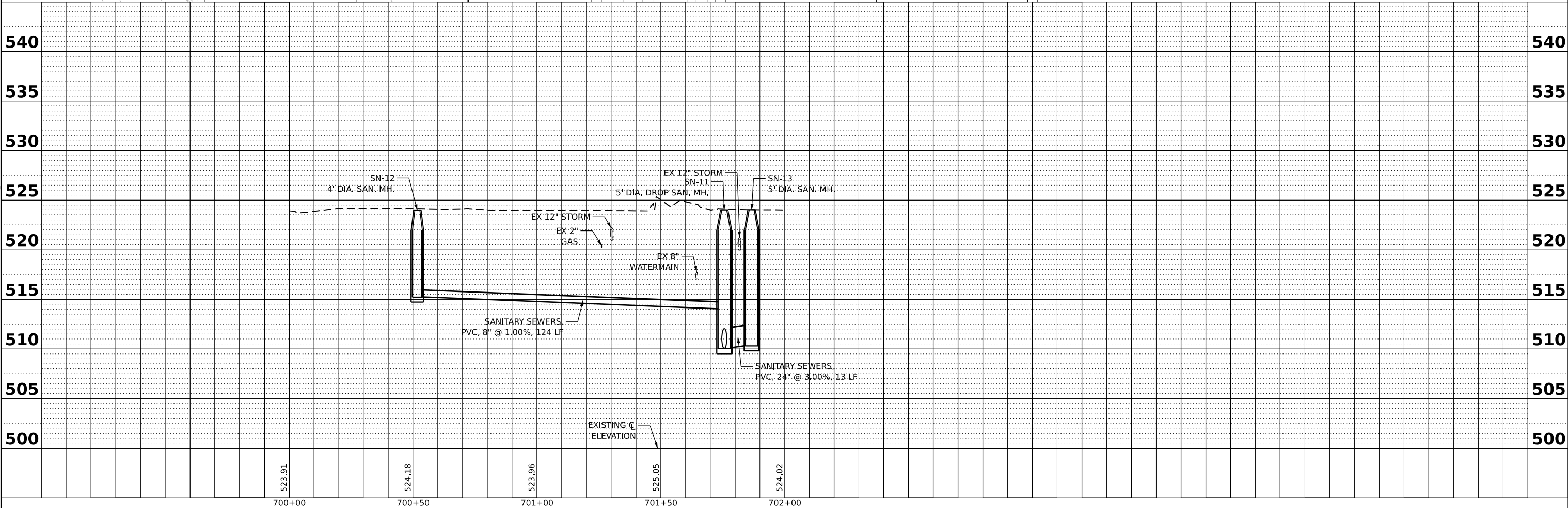
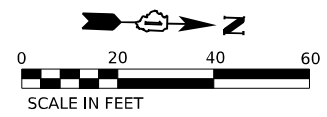
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SN-12  
 4' DIA. SANITARY MANHOLE  
 TYPE A, TYPE 1 FRAME, CLOSED LID  
 STA 700+51.75, 8.26' LT  
 RIM = 523.72  
 PR IE 8" RCP = 515.31 N

SN-11  
 5' DIA. SANITARY DROP MANHOLE  
 TYPE A, TYPE 1 FRAME, CLOSED LID  
 STA 701+75.65, 8.12' LT  
 RIM = 523.71  
 PR IE 24" RCP = 510.07 N  
 PR IE 8" RCP = 514.07 S  
 PR IE 24" RCP = 510.07 W

SN-13  
 5' DIA. SANITARY MANHOLE  
 TYPE A, TYPE 1 FRAME, CLOSED LID  
 STA 701+86.71, 1.68' LT  
 RIM = 523.97  
 EX IE 24" RCP = ±511.05 N  
 PR IE 24" RCP = 510.46 SW



700+00	700+50	701+00	701+50	702+00
523.91	524.18	523.96	525.05	524.02



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PLLOT SCALE =	DRAWN - DP	REVISED -
PLLOT DATE = 11/5/2025	CHECKED - JH	REVISED -
	DATE - 11/7/2025	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

JOLIET DRAINAGE AND UTILITY PLAN & PROFILE  
 SCALE: 1"=20' SHEET 9 OF 13 SHEETS STA. 700+00.00 TO STA. 702+00.00

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 376
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

PLAN	DATE
BY	
REVISIONS	
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REVISIONS	
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PROFILE	DATE
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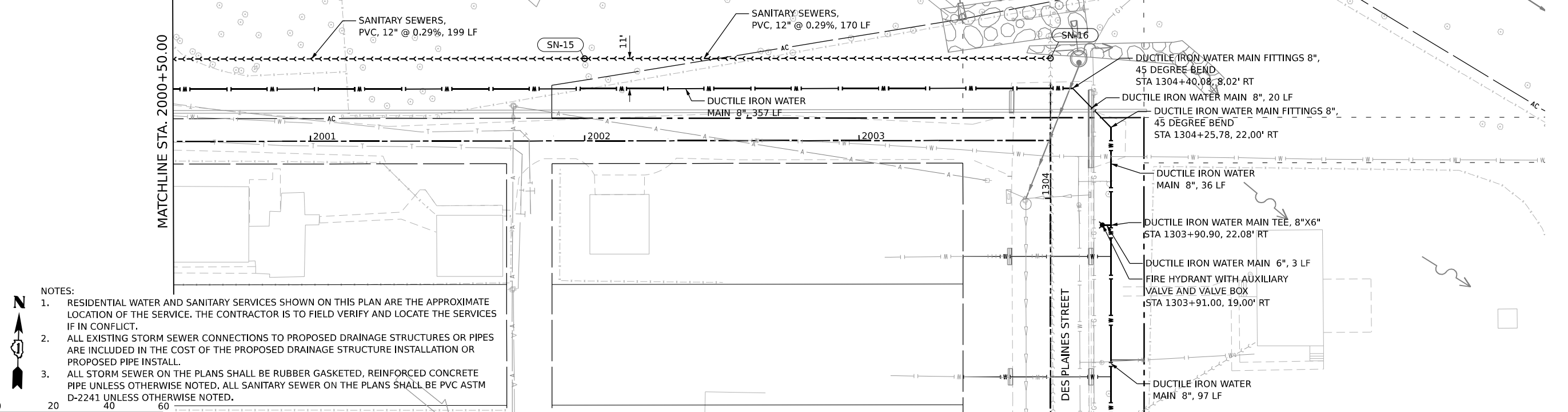
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SN-15  
 4' DIA. SANITARY MANHOLE  
 TYPE A, TYPE 1 FRAME, CLOSED LID  
 STA 2002+00.00, 30.00' LT  
 RIM = 524.03  
 PR IE 12" PVC = 510.80 E  
 PR IE 12" RCP = 510.80 W

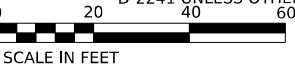
SN-16  
 4' DIA. SANITARY MANHOLE  
 TYPE A, TYPE 1 FRAME, CLOSED LID  
 STA 2003+69.86, 29.92' LT  
 RIM = 522.57  
 EX IE 15" VCP = ±511.29 S  
 PR IE 12" PVC = 511.29 W

MATCHLINE STA. 2000+50.00

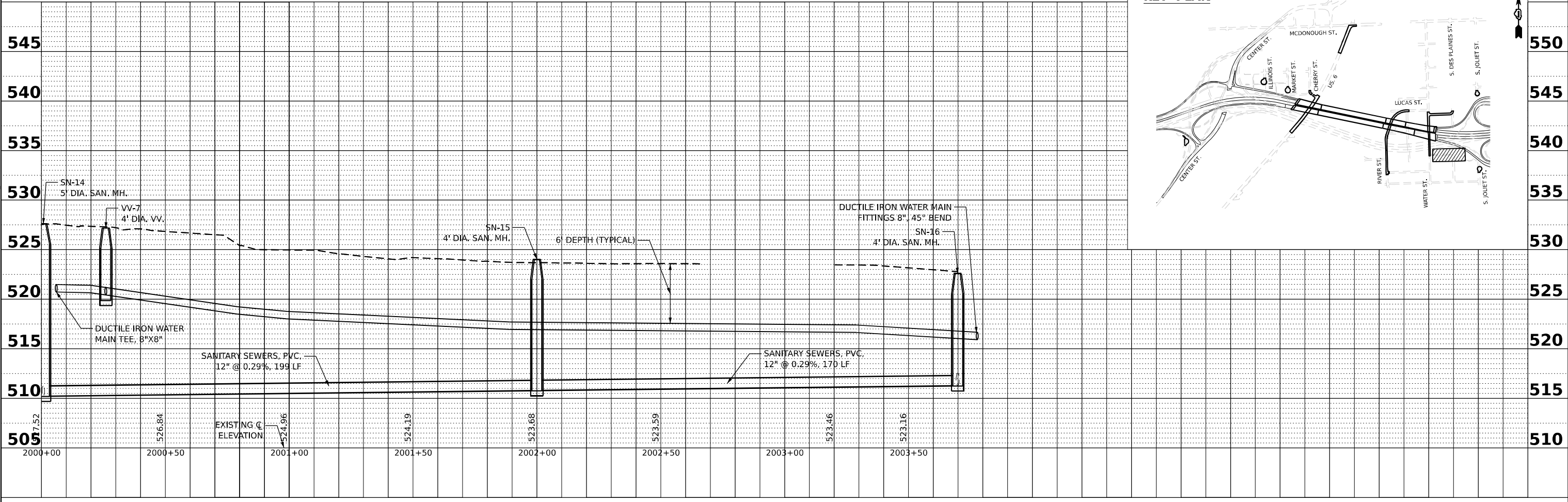
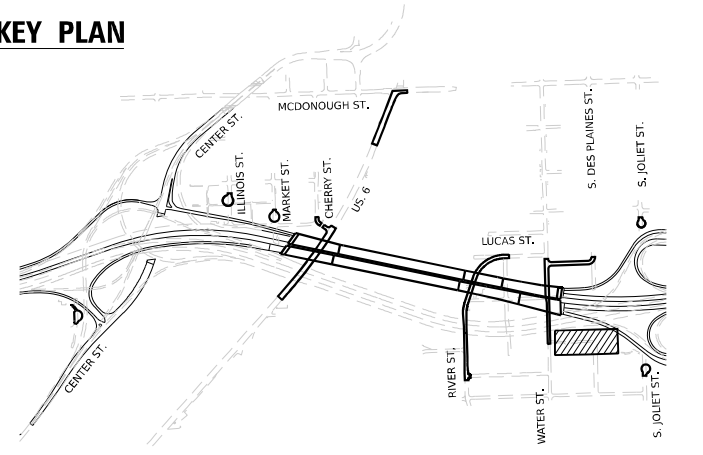
MATCHLINE STA. 1303+20.00



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KEY PLAN



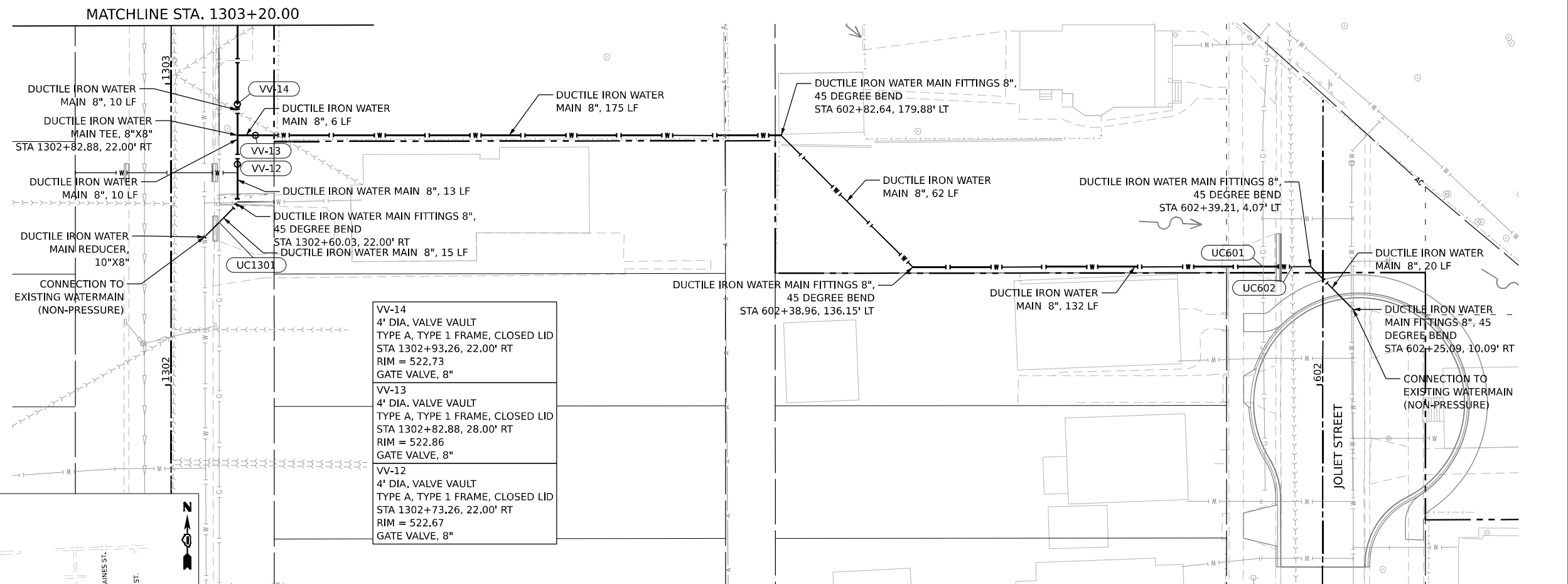
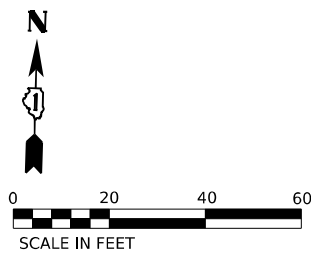
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CHECKED	- JH	DATE	- 11/7/2025	REVISED	-
DATE	- 11/7/2025				

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

JOLIET DRAINAGE AND UTILITY PLAN & PROFILE

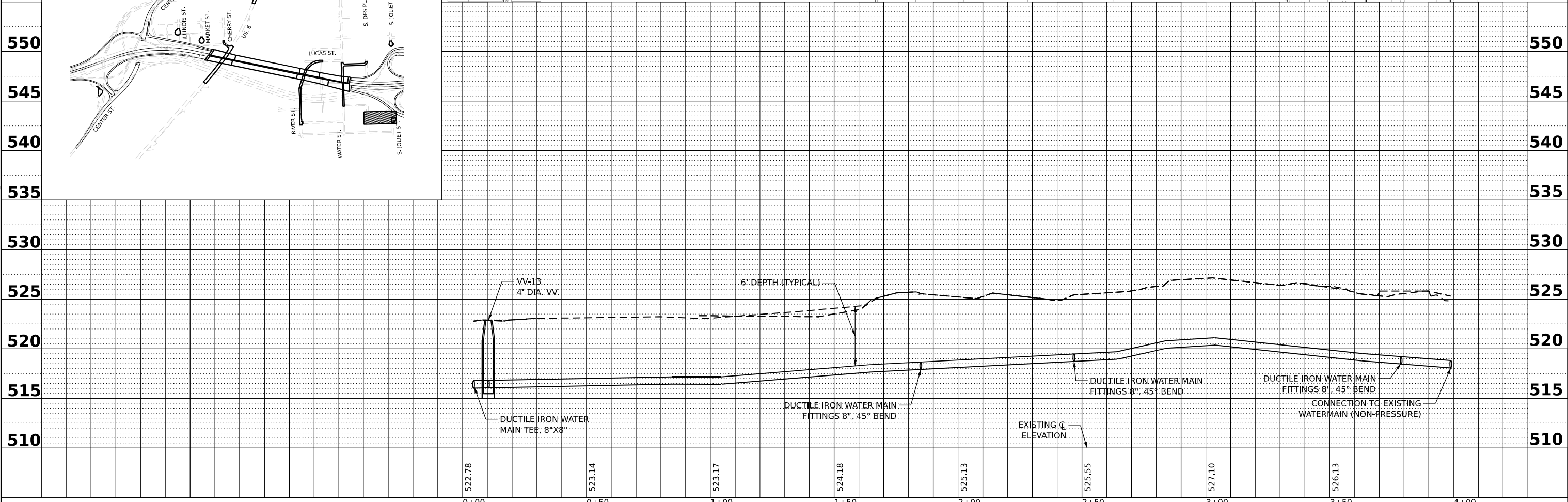
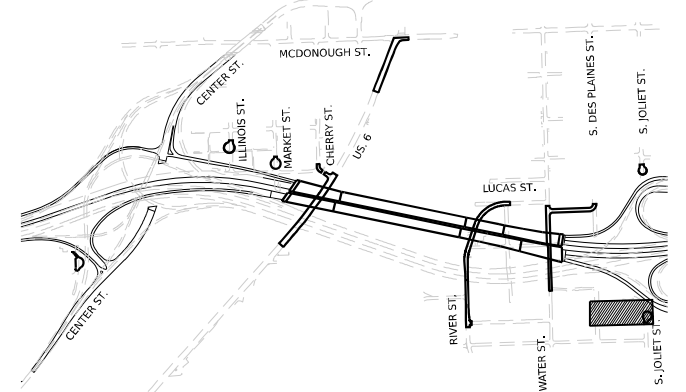
SCALE: 1"=20' SHEET 10 OF 13 SHEETS STA. 2000+50.00 TO STA. 2003+70.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	377
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



VV-14 4' DIA. VALVE VAULT TYPE A, TYPE 1 FRAME, CLOSED LID STA 1302+93.26, 22.00' RT RIM = 522.73 GATE VALVE, 8"
VV-13 4' DIA. VALVE VAULT TYPE A, TYPE 1 FRAME, CLOSED LID STA 1302+82.88, 28.00' RT RIM = 522.86 GATE VALVE, 8"
VV-12 4' DIA. VALVE VAULT TYPE A, TYPE 1 FRAME, CLOSED LID STA 1302+73.26, 22.00' RT RIM = 522.67 GATE VALVE, 8"

KEY PLAN



PROFILE	SURVEYED	DATE
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	GRADES CHECKED	
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	NOTE BOOK	
	NO.	

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USER NAME = dpung	DESIGNED - CD	REVISED -
PLOT SCALE =	DRAWN - DP	REVISED -
PLOT DATE = 11/5/2025	CHECKED - JH	REVISED -
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

JOLIET DRAINAGE AND UTILITY PLAN & PROFILE

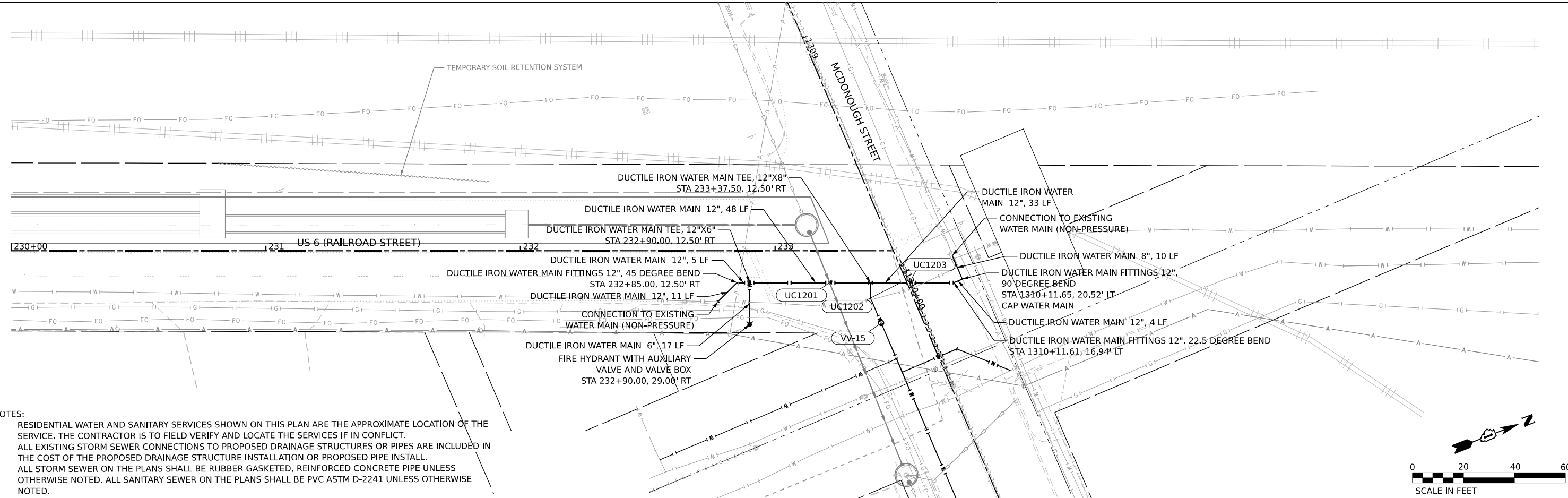
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	378
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

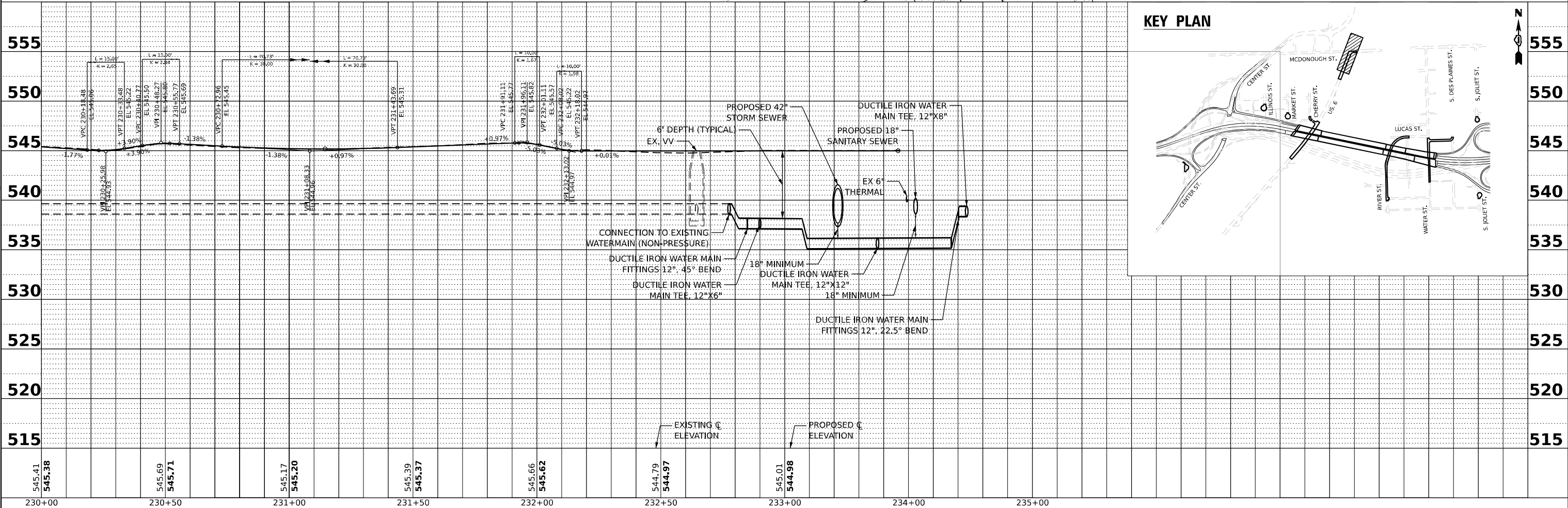
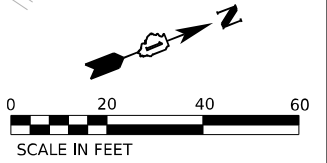
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	GRADES	
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	STRUCTURE	
	NOTATIONS	
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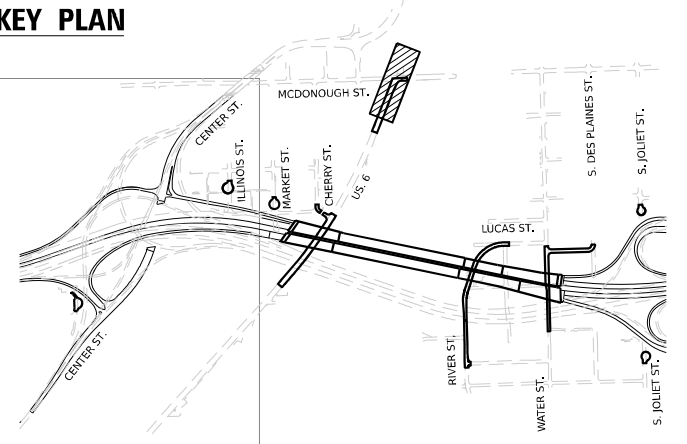
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KEY PLAN

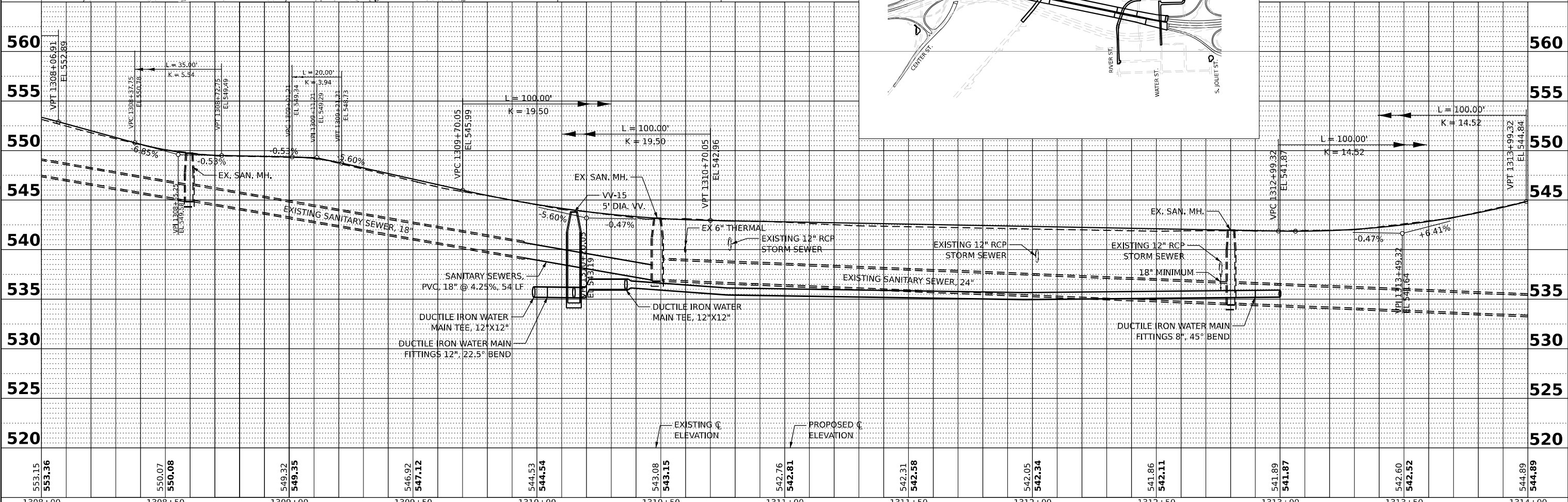
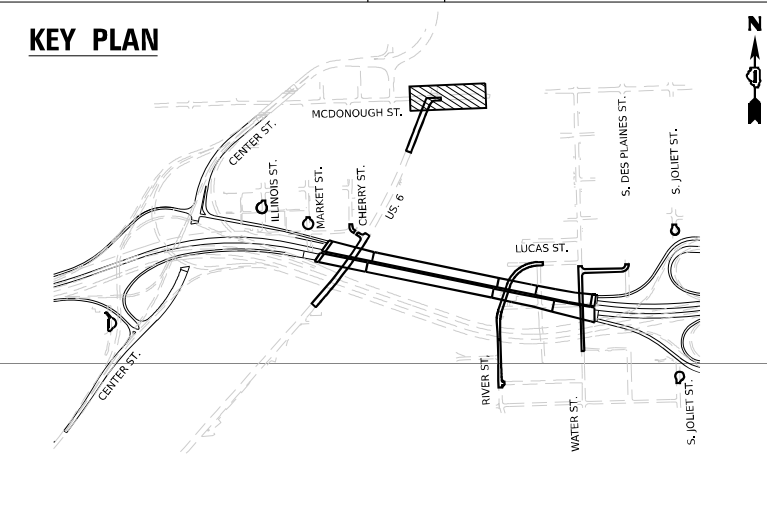
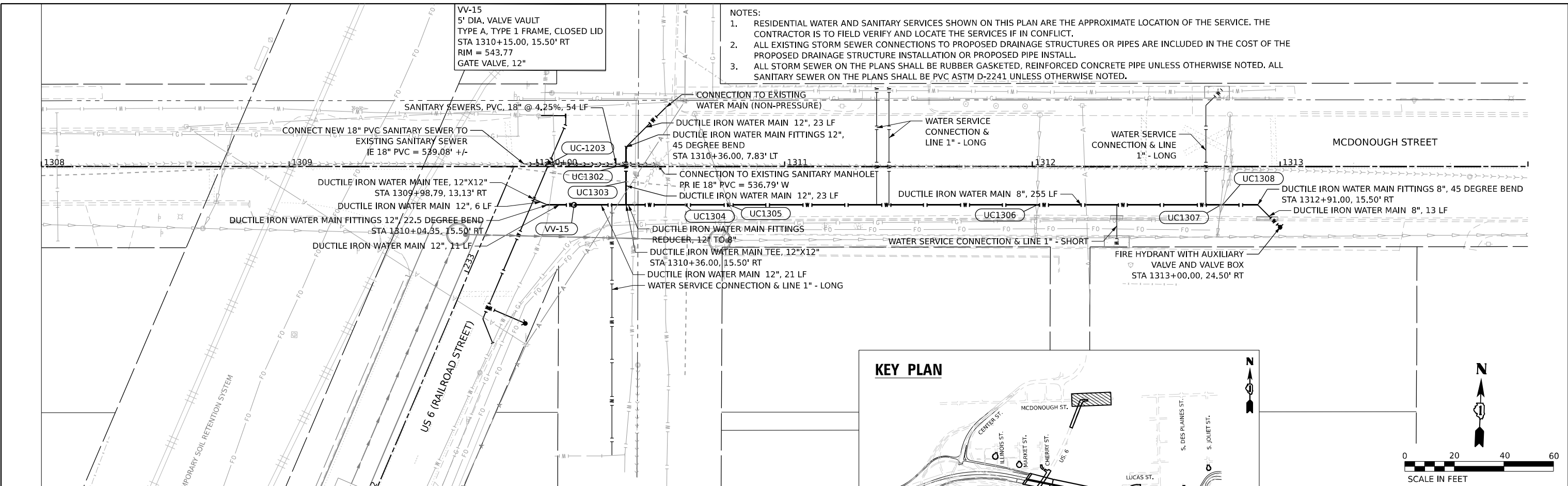


<p>V3 Companies 7325 Jones Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com</p>	USER NAME = dpung	DESIGNED - CD	REVISED -	<p align="center"><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>JOLIET DRAINAGE AND UTILITY PLAN &amp; PROFILE</b></p> <p>SCALE: 1"=20'    SHEET 12 OF 13 SHEETS    STA. 100+00.00 TO STA. 105+00.00</p>	F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 379
	PLOT SCALE =	CHECKED - JH	REVISED -		CONTRACT NO. 62R23				
	PLOT DATE = 11/5/2025	DATE - 11/7/2025	REVISED -		ILLINOIS FED. AID PROJECT				

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GRADES	
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553.15 553.36	550.07 550.08	549.32 549.35	546.92 547.12	544.53 544.54	543.08 543.15	542.76 542.81	542.31 542.58	542.05 542.34	541.86 542.11	541.89 541.87	542.60 542.52	544.89 544.89
1308+00	1308+50	1309+00	1309+50	1310+00	1310+50	1311+00	1311+50	1312+00	1312+50	1313+00	1313+50	1314+00

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	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**JOLIET DRAINAGE AND UTILITY PLAN & PROFILE**  
 SCALE: 1"=20'  
 SHEET 13 OF 13 SHEETS  
 STA. 100+00.00 TO STA. 105+00.00

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 380
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

LUCAS AVENUE UTILITY CROSSING TABLE								
CROSSING NUMBER	LOCATION		PIPE INFORMATION			INVERT ELEVATION	OUTER ELEVATION	CLEARANCE (FEET)
	STATION	OFFSET	STATUS	SIZE	TYPE			
UC101	100+93.04	8.88' LT	EXISTING	15" RCP	STORM	514.81	514.62 BP	1.86
			PROPOSED	8" DIP	WATER	512.05	512.76 TP	
UC102	100+93.06	1.24' RT	EXISTING	8" PVC	SANITARY	514.30	514.26 BP	1.50
			PROPOSED	8" DIP	WATER	512.05	512.76 TP	
UC103	100+88.95	24.69' RT	EXISTING	12" RCP	STORM	515.55	515.38 BP	1.95
			PROPOSED	8" DIP	WATER	512.72	513.43 TP	
UC104	104+79.61	24.19' LT	PROPOSED	15" RCP	STORM	515.83	515.64 BP	1.90
			PROPOSED	8" DIP	WATER	513.03	513.74 TP	
UC105	111+82.00	9.80' RT	PROPOSED	12" RCP	STORM	516.72	516.55 BP	9.43
			EXISTING	48" RCP	SANITARY	502.70	507.12 TP	
UC106	113+59.01	10.80' RT	PROPOSED	12" RCP	STORM	513.60	513.43 BP	6.06
			EXISTING	48" RCP	SANITARY	502.95	507.37 TP	
UC107	113+59.00	21.00' RT	PROPOSED	12" RCP	STORM	513.66	513.49 BP	1.50
			PROPOSED	8" DIP	WATER	511.28	511.99 TP	

LEGEND: TP = TOP OF PIPE, BP = BOTTOM OF PIPE, DIP = DUCTILE IRON PIPE, RCP = REINFORCED CONCRETE PIPE, PVC = POLYVINYL CHLORIDE, VCP = VITRIFIED CLAY PIPE

JOLIET STREET (NORTH) UTILITY CROSSING TABLE								
CROSSING NUMBER	LOCATION		PIPE INFORMATION			INVERT ELEVATION	OUTER ELEVATION	CLEARANCE (FEET)
	STATION	OFFSET	STATUS	SIZE	TYPE			
UC701	700+61.00	21.58' LT	EXISTING	2" STL	GAS	521.03	520.99 BP	2.76
			PROPOSED	6" DIP	WATER	517.69	518.23 TP	
UC702	700+61.00	8.25' LT	PROPOSED	6" DIP	WATER	517.70	517.66 BP	1.73
			PROPOSED	8" PVC	SANITARY	515.22	515.93 TP	
UC703	701+26.10	8.18' LT	EXISTING	2" STL	GAS	520.26	520.22 BP	4.94
			PROPOSED	8" PVC	SANITARY	514.57	515.28 TP	
UC704	701+30.24	8.17' LT	EXISTING	12" RCP	STORM	521.10	520.93 BP	5.69
			PROPOSED	8" PVC	SANITARY	514.53	515.24 TP	
UC705	701+64.54	8.13' LT	EXISTING	8" DIP	WATER	517.58	517.54 BP	2.65
			PROPOSED	8" PVC	SANITARY	514.18	514.89 TP	
UC706	701+75.59	21.23' LT	EXISTING	2" STL	GAS	520.21	520.17 BP	8.09
			PROPOSED	24" PVC	SANITARY	510.04	512.08 TP	
UC707	701+81.82	4.53' LT	EXISTING	12" RCP	STORM	520.10	519.93 BP	7.60
			PROPOSED	24" PVC	SANITARY	510.29	512.33 TP	

LEGEND: TP = TOP OF PIPE, BP = BOTTOM OF PIPE, DIP = DUCTILE IRON PIPE, RCP = REINFORCED CONCRETE PIPE, PVC = POLYVINYL CHLORIDE, VCP = VITRIFIED CLAY PIPE

DES PLAINES STREET (NORTH) UTILITY CROSSING TABLE								
CROSSING NUMBER	LOCATION		PIPE INFORMATION			INVERT ELEVATION	OUTER ELEVATION	CLEARANCE (FEET)
	STATION	OFFSET	STATUS	SIZE	TYPE			
UC401	400+69.72	8.00' LT	PROPOSED	12" RCP	STORM	517.38	517.21 BP	7.72
			PROPOSED	24" PVC	SANITARY	507.45	509.49 TP	
UC402	400+69.71	5.00' RT	PROPOSED	12" RCP	STORM	517.26	517.09 BP	1.92
			PROPOSED	8" DIP	WATER	514.46	515.17 TP	
UC403	402+50.04	8.00' LT	PROPOSED	12" RCP	STORM	518.22	518.05 BP	8.13
			PROPOSED	24" PVC	SANITARY	507.88	509.92 TP	
UC404	402+50.02	5.00' RT	PROPOSED	12" RCP	STORM	518.08	517.91 BP	1.50
			PROPOSED	8" DIP	WATER	515.70	516.41 TP	
UC405	407+48.60	10.00' LT	EXISTING	12" RCP	STORM	521.62	521.45 BP	10.33
			PROPOSED	24" PVC	SANITARY	509.08	511.12 TP	
UC406	407+66.30	10.00' LT	EXISTING	4"	ELECTRIC	522.16	522.12 BP	10.96
			PROPOSED	24" PVC	SANITARY	509.12	511.16 TP	
UC407	407+77.85	3.72' RT	EXISTING	8" DIP	WATER	518.75	518.71 BP	7.49
			PROPOSED	24" PVC	SANITARY	509.18	511.22 TP	
UC408	407+79.08	20.61' LT	EXISTING	12" RCP	STORM	521.30	521.13 BP	9.17
			PROPOSED	18" PVC	SANITARY	510.46	511.96 TP	
UC409	407+82.82	17.77' RT	EXISTING	4"	ELECTRIC	522.08	522.04 BP	10.78
			PROPOSED	24" PVC	SANITARY	509.22	511.26 TP	

LEGEND: TP = TOP OF PIPE, BP = BOTTOM OF PIPE, DIP = DUCTILE IRON PIPE, RCP = REINFORCED CONCRETE PIPE, PVC = POLYVINYL CHLORIDE, VCP = VITRIFIED CLAY PIPE

DES PLAINES STREET (SOUTH) UTILITY CROSSING TABLE								
CROSSING NUMBER	LOCATION		PIPE INFORMATION			INVERT ELEVATION	OUTER ELEVATION	CLEARANCE (FEET)
	STATION	OFFSET	STATUS	SIZE	TYPE			
UC1301	1202+54.68	15.99' RT	EXISTING	2" STL	GAS	519.09	519.05 BP	3.08
			PROPOSED	8" DIP	WATER	515.26	515.97 TP	

LEGEND: TP = TOP OF PIPE, BP = BOTTOM OF PIPE, DIP = DUCTILE IRON PIPE, RCP = REINFORCED CONCRETE PIPE, PVC = POLYVINYL CHLORIDE, VCP = VITRIFIED CLAY PIPE

JOLIET STREET (SOUTH) UTILITY CROSSING TABLE								
CROSSING NUMBER	LOCATION		PIPE INFORMATION			INVERT ELEVATION	OUTER ELEVATION	CLEARANCE (FEET)
	STATION	OFFSET	STATUS	SIZE	TYPE			
UC601	602+39.18	19.80' LT	EXISTING	2" STL	GAS	522.31	522.27 BP	2.75
			PROPOSED	8" DIP	WATER	518.81	519.52 TP	
UC602	602+39.20	10.17' LT	PROPOSED	8" DIP	WATER	518.62	518.58 BP	6.21
			EXISTING	48" RCP	SANITARY	507.95	512.37 TP	

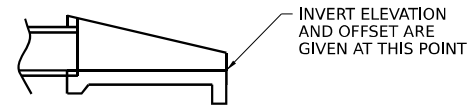
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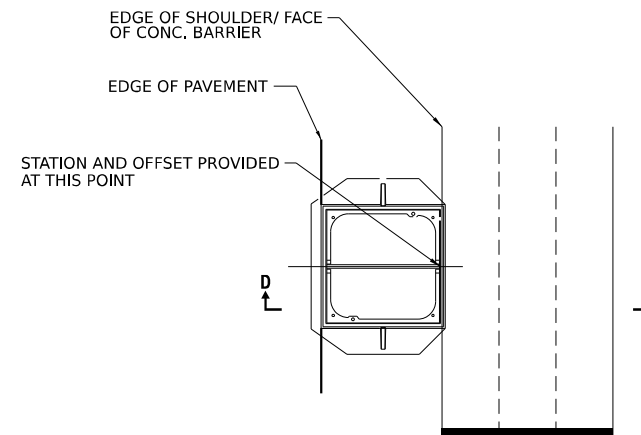
 V3 Companies 7325 James Avenue Woodridge, IL 60517 630.724.9200 phone 630.724.9202 fax www.v3co.com	USER NAME = dpung DESIGNED - CD DRAWN - DP CHECKED - JH DATE - 11/7/2025	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>JOLIET DRAINAGE AND UTILITY PLAN &amp; PROFILE CONFLICT TABLE</b>	F.A.I. RTE. = 80 SECTION = FAI 80 21 STRUCTURE 2 COUNTY = WILL ILLINOIS   FED. AID PROJECT	TOTAL SHEETS = 1230 SHEET NO. = 381
	PLOT SCALE = PLOT DATE = 11/5/2025	SCALE: 1"=20' SHEET 1 OF 2 SHEETS STA. TO STA.				
	CONTRACT NO. 62R23					



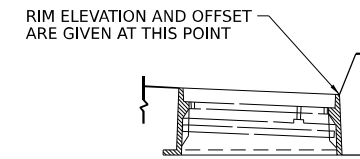
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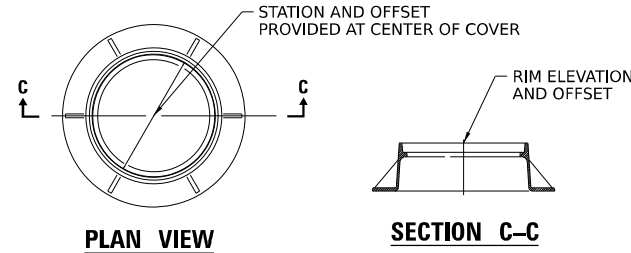
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**PLAN VIEW**



**TYPE 11 FRAME & GRATE**

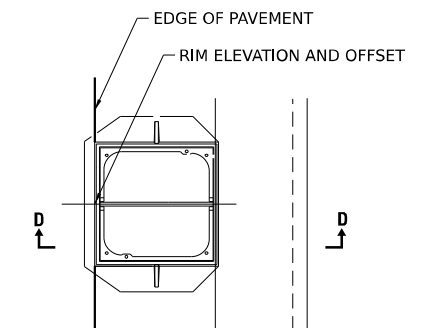


**PLAN VIEW**

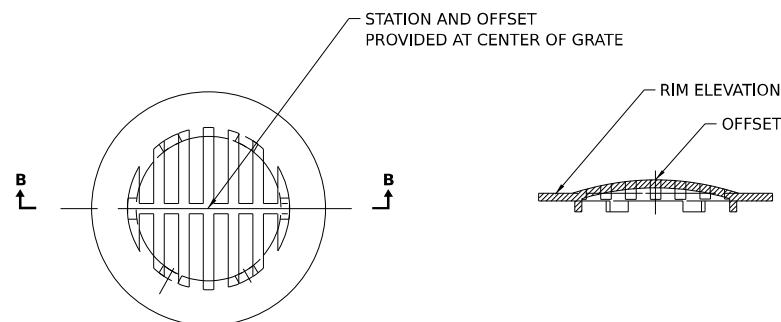
**SECTION C-C**

**TYPE 1 LID**

**MANHOLE WITH CIRCULAR LIDS**



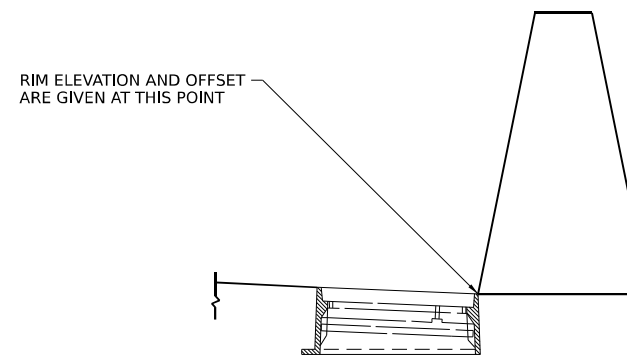
**PLAN VIEW**



**PLAN VIEW**

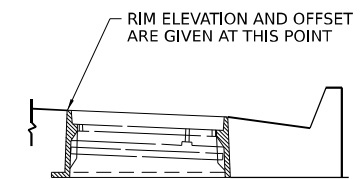
**SECTION B-B**

**TYPE 8 GRATE**



**SECTION D-D**

**TYPE 20 / 22 FRAME & GRATE**



**SECTION D-D**

**TYPE 24 FRAME & GRATE**

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WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-8150

USER NAME = USHC706648	DESIGNED - AKG	REVISED -
	DRAWN - SSM	REVISED -
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PLOT DATE = 11/5/2025	DATE - 11/7/2025	REVISED -

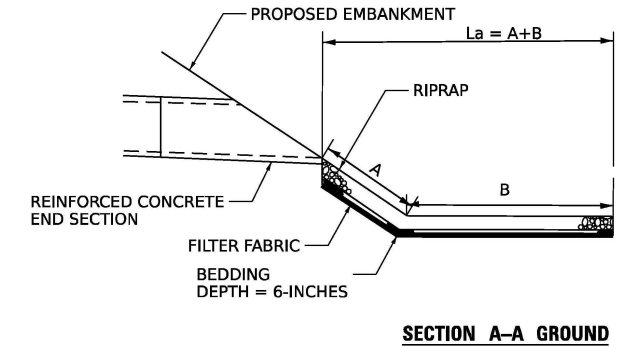
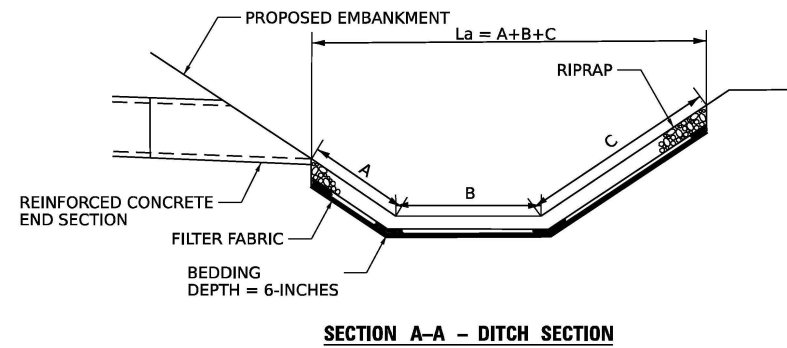
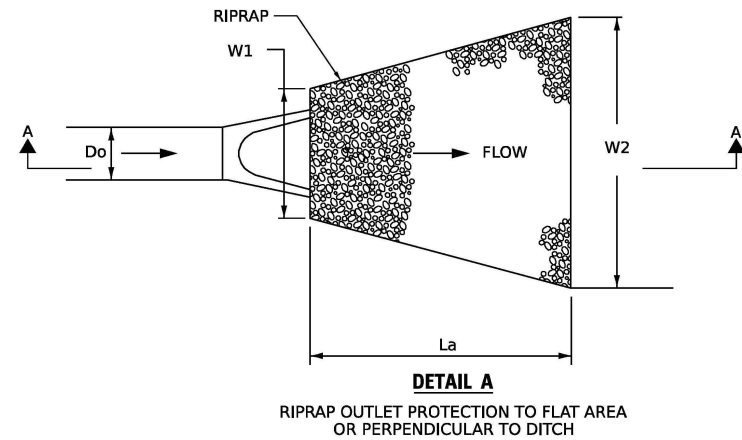
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>I-80</b>	
<b>DRAINAGE DETAILS</b>	
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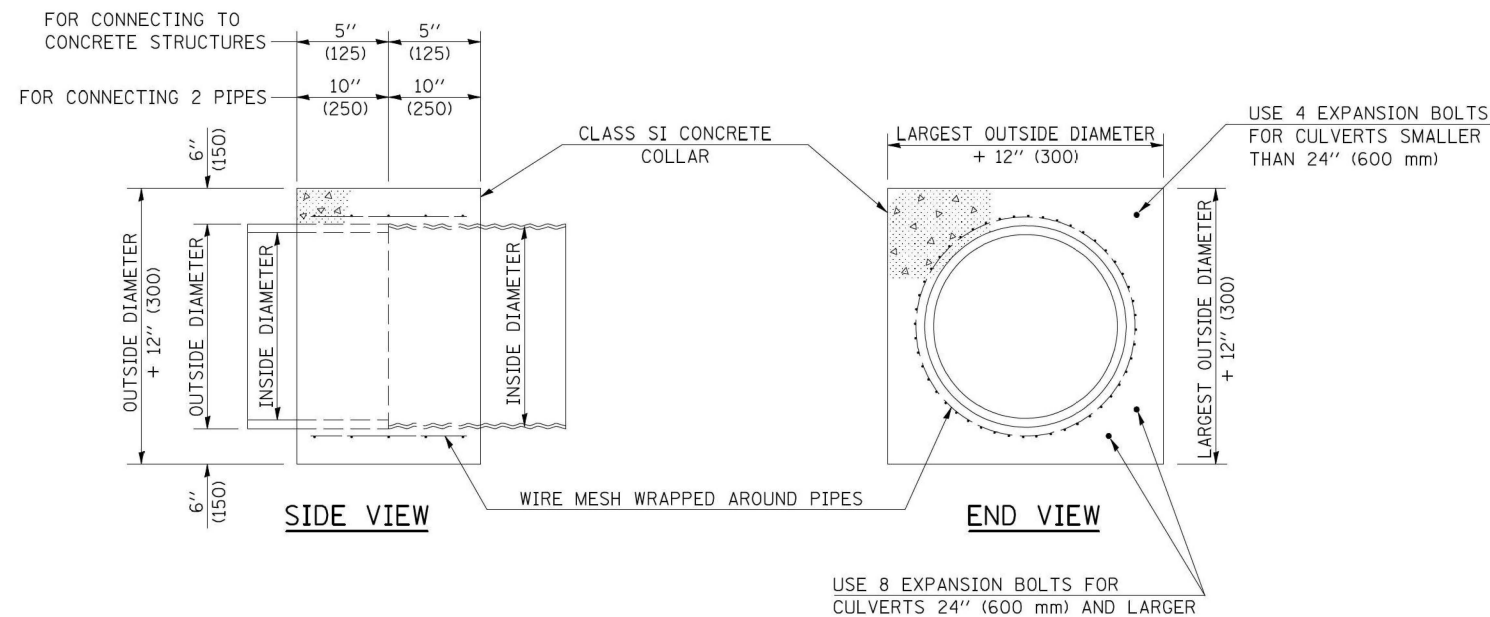
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	383
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

## ROCK OUTLET PROTECTION

STRUCTURE ID	ALIGNMENT	STATION	OFFSET (FEET)		OUTLET SIZE (IN)	OUTLETING TO	WIDTH US W1 (FEET)	WIDTH DS W2 (FEET)	LENGTH A (FEET)	LENGTH B (FEET)	LENGTH C (FEET)	TOTAL LENGTH La (FEET)	RIPRAP AREA - CLASS A4 (SQ YD)	FILTER FABRIC (SQ YD)
2172	US-6	217+25	54.2	RT	30	DITCH	7.5	15.6	0.6	8.0	3.5	12.1	15	15
2175	US-6	217+75	43.9	RT	38	DITCH	9.5	18.0	0.6	8.0	4.2	12.7	19	19
5085	RAMP A	508+49	122.2	RT	15	DITCH	36.0	36.0	2.6	10.0	2.6	15.2	61	61
1330	RAMP C	113+37	83.8	LT	15	DITCH	3.8	9.9	0.6	6.0	2.6	9.2	7	7



## CONCRETE COLLAR DETAIL



QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m <sup>3</sup> )
4" (100)	0.14 (0.11)
6" (150)	0.16 (0.12)
8" (200)	0.19 (0.14)
10" (250)	0.22 (0.17)
12" (300)	0.25 (0.19)
15" (375)	0.30 (0.23)
18" (450)	0.35 (0.27)
24" (600)	0.45 (0.35)
30" (750)	0.57 (0.43)
36" (900)	0.69 (0.53)
42" (1050)	0.83 (0.63)
48" (1200)	0.97 (0.74)
54" (1350)	1.12 (0.86)
60" (1500)	1.28 (0.98)

QUANTITIES FOR METAL PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m <sup>3</sup> )
4" (100)	0.12 (0.09)
6" (150)	0.14 (0.11)
8" (200)	0.16 (0.12)
10" (250)	0.19 (0.14)
12" (300)	0.21 (0.16)
15" (375)	0.25 (0.19)
18" (450)	0.29 (0.22)
24" (600)	0.38 (0.29)
30" (750)	0.47 (0.36)
36" (900)	0.59 (0.45)
42" (1050)	0.69 (0.53)
48" (1200)	0.81 (0.62)
54" (1350)	0.93 (0.71)
60" (1500)	1.05 (0.81)

### GENERAL NOTES

- CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
- WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
- THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m<sup>2</sup>).
- WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
- CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD (CUBIC METER), FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.
- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60682  
 TEL: (312) 752-8150

USER NAME = USHC706648  
 DESIGNED - AKG  
 DRAWN - SSM  
 CHECKED - KS  
 DATE - 11/7/2025

REVISED -  
 REVISED -  
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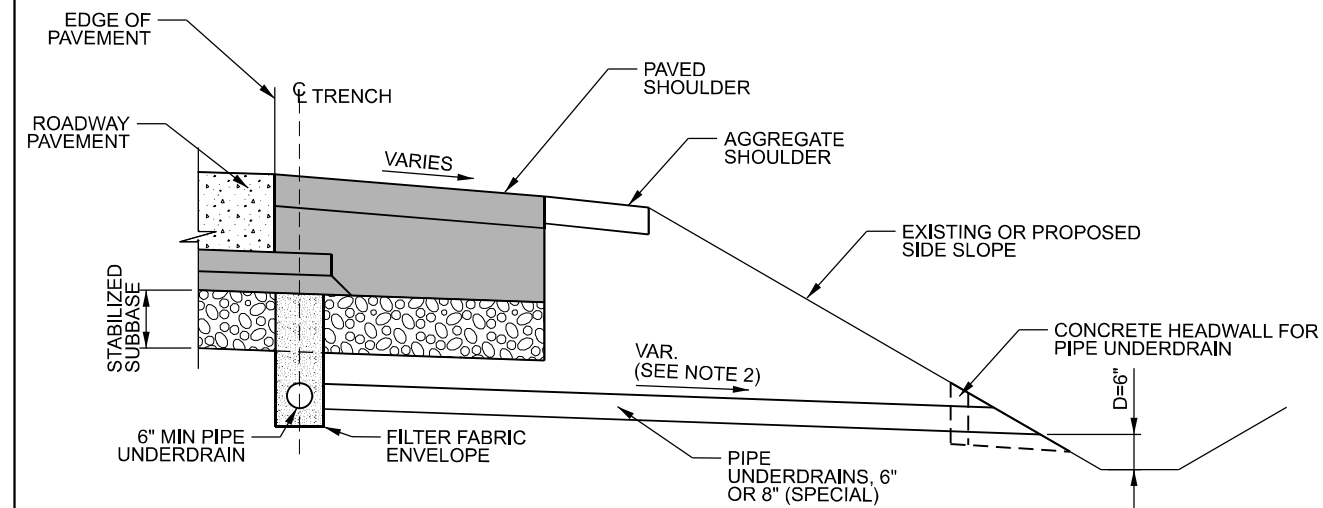
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**I-80**  
**DRAINAGE DETAILS**

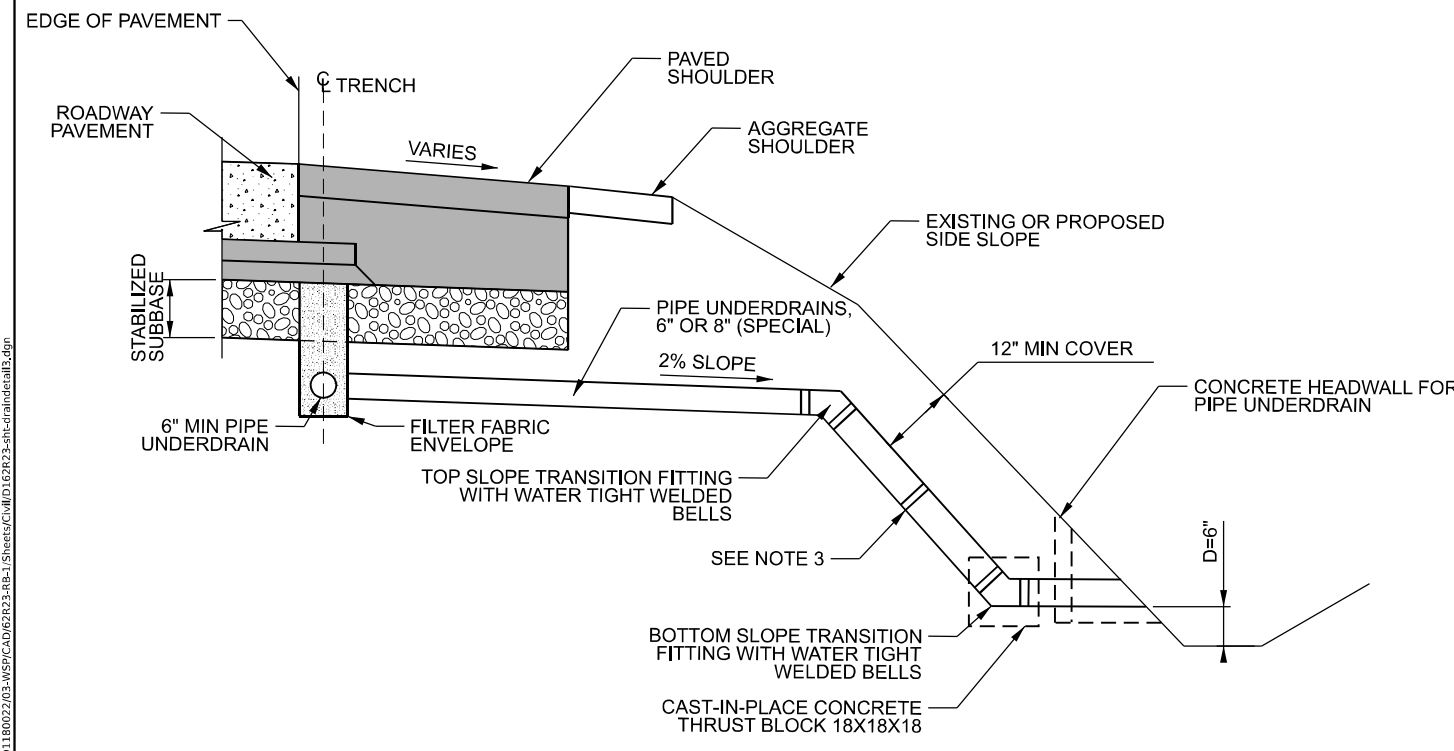
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

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 DATE: ...



**UNDERDRAIN OUTLET DETAILS**



**PIPE UNDERDRAIN OUTLET ON HIGH FILL SLOPE**

**NOTES:**

1. MODIFY IDOT HIGHWAY STANDARD 601001 AS SHOWN HEREON
2. SLOPE OUTLET PIPE AS NEEDED TO MEET REQUIRED DEPTH, D, 6" MAX. IF REQUIRED SLOPE EXCEEDS 6%, PIPE UNDERDRAIN OUTLET ON HIGH FILL SLOPE DETAIL SHALL BE APPLIED.
3. ALL JOINTS IN SLOPE DRAIN SYSTEM SHALL BE WATERTIGHT WITH A WELDED INTERNAL CYLINDER ON THE SPIGOT END OF THE PIPE. FIELD JOINTS SHALL BE WRAPPED WITH A DOUBLE WIDE MARMAC COUPLER, OR EQUIVALENT. PROVIDE CAST-IN-PLACE CONCRETE THRUST BLOCK AT BOTTOM SLOPE TRANSITION AS SHOWN. WORK AND MATERIALS SHALL BE INCLUDED IN PRICE OF PIPE UNDERDRAINS (SPECIAL) OF THE SIZE NOTED.
4. ENGINEER TO CONSIDER NEED FOR OUTLET EROSION PROTECTION BASED ON LOCAL CONDITIONS.
5. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO THE DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAINS.

LONGITUDINAL UNDERDRAINS									
PIPE UNDERDRAINS, TYPE 2, 6"									
ALIGNMENT	FROM			TO			LENGTH (FT)	COMMENTS	
	STATION	OFFSET		ALIGNMENT	STATION	OFFSET			
Ramp A	506+00	12.5	RT	Ramp A	507+00	12.5	RT	100	
Ramp A	507+02	12.5	RT	Ramp A	508+16	12.8	RT	114	
Ramp C	117+39	0.1	RT	Ramp C	116+50	0.4	RT	89	
Ramp C	116+48	0.4	RT	Ramp C	115+50	0.4	RT	98	
Ramp C	115+48	0.5	RT	Ramp C	114+50	0.4	RT	98	
Ramp C	114+47	0.5	RT	Ramp C	113+50	0.5	RT	97	

PIPE UNDERDRAINS, 6" SPECIAL										
ALIGNMENT	FROM STATION	OFFSET		TO STATION	OFFSET		OUTLETS TO STR.	INVERT	LENGTH (FT)	COMMENTS
Ramp A	507+00	12.5	RT	507+00	18.0	RT	DS6070	560.71	6	
Ramp A	508+18	12.8	RT	508+13	20.1	RT	IDS6081	557.16	8	CONNECT TO TEMPORARY DRAINAGE STRUCTURE
Ramp C	116+50	0.3	RT	116+50	6.8	RT	DS1651	556.27	7	
Ramp C	115+50	0.5	RT	115+50	9.0	RT	DS1550	553.77	9	
Ramp C	114+50	0.5	RT	114+50	9.0	RT	DS1450	552.50	9	
Ramp C	113+50	0.5	RT	113+50	9.0	RT	DS1350	551.32	9	



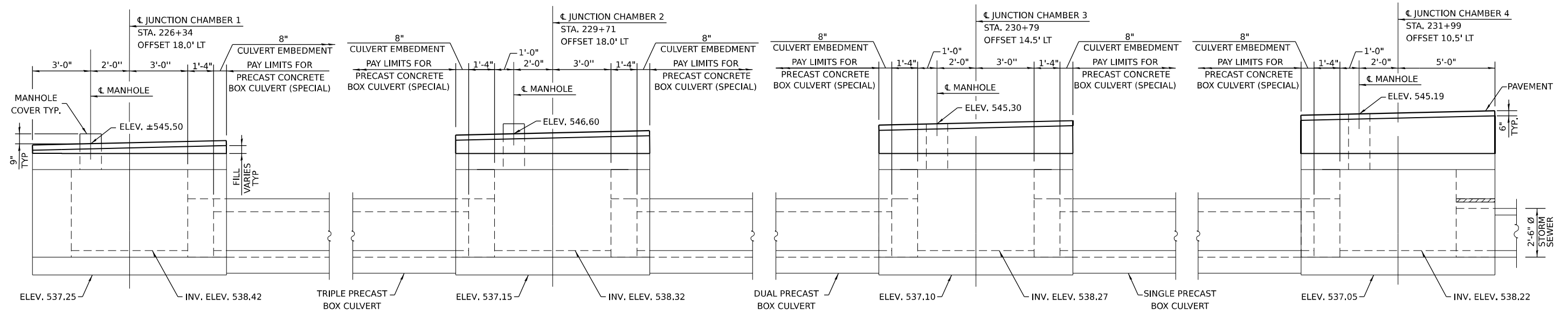
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DRAWN - SSM	REVISED -	
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PILOT DATE = 11/5/2025	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

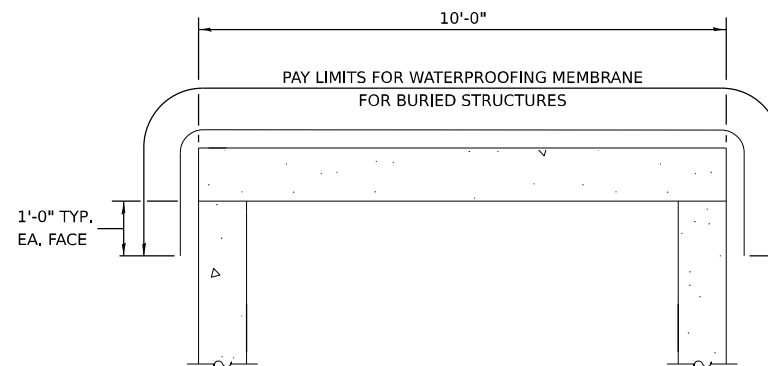
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	385
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				





**PRECAST CONCRETE BOX CULVERT (SPECIAL) ELEVATION**



**SECTION THRU JUNCTION CHAMBER**

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
PRECAST CONCRETE BOX CULVERT (SPECIAL)	FOOT	535
MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	124
STRUCTURE EXCAVATION	CU YD	2333
ROCK EXCAVATION FOR STRUCTURES	CU YD	1247
JUNCTION CHAMBER NO. 1	EACH	1
JUNCTION CHAMBER NO. 2	EACH	1
JUNCTION CHAMBER NO. 3	EACH	1
JUNCTION CHAMBER NO. 4	EACH	1

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 WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-8150

USER NAME = USSJ696614	DESIGNED - TB/MHD	REVISED -
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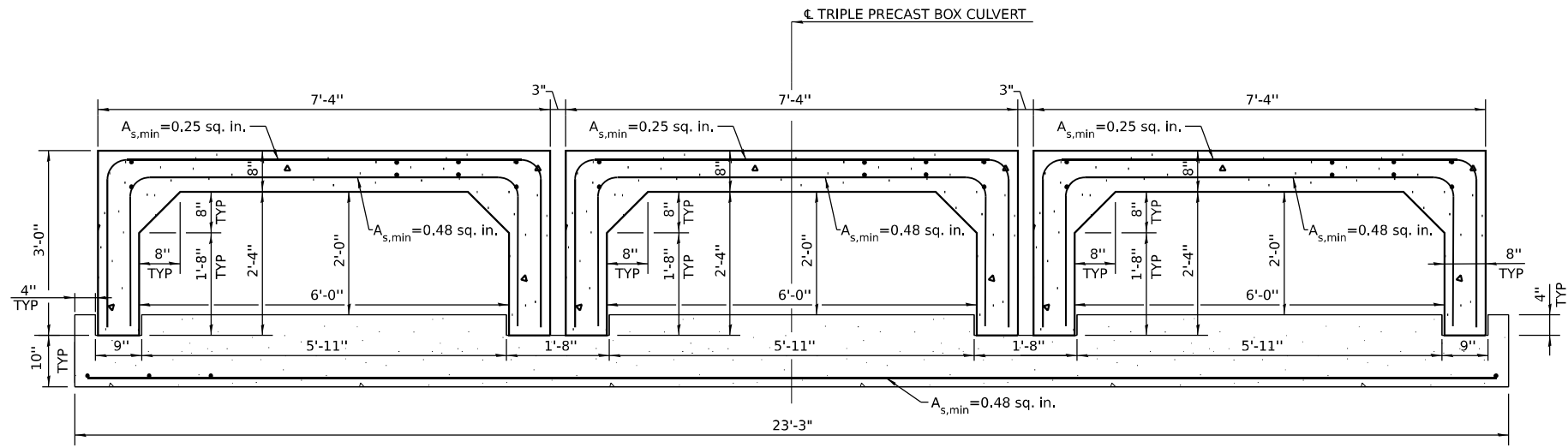
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS - US 6 COMPENSATORY STORAGE STRUCTURE**  
**PRECAST REINFORCED CONCRETE BOX CULVERT**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	387
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET 1 OF 11 SHEETS STA. TO STA.





**SECTION THRU TRIPLE PRECAST BOX CULVERT**

**PRECAST GENERAL NOTES**

PRECAST CONCRETE BOX CULVERT (SPECIAL) SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS, THE APPLICABLE REQUIREMENTS OF AASHTO M259 AND ASTM C1577.

THE MINIMUM PRECAST CONCRETE STRENGTH SHALL BE 5,000 PSI.

LIFTING HOLES SHALL BE FILLED WITH CONCRETE PLUGS AND MASTIC AFTER THE BOX SECTIONS ARE IN PLACE.

THE DESIGN FILL HEIGHT IS 5.0 FEET.

COVER FROM THE FACE OF PRECAST CONCRETE REINFORCEMENT BARS SHALL BE 1".

THE REINFORCEMENT BAR AREAS SHOWN ON THIS PLAN SHEET ARE BASED ON WELDED WIRE REINFORCEMENT (WWR). THE CONTRACTOR MAY USE STEEL REINFORCEMENT BARS IN LIEU OF WWR. REINFORCEMENT BARS SHALL BE LIMITED TO THE SIZES OF #3 AND #4 BARS, AND HAVE A MAXIMUM SPACING OF 4". THE REINFORCEMENT AREAS SHOWN ON THIS PLAN SHEET SHALL BE INCREASED TO ACCOUNT FOR THE DIFFERENCE IN STEEL YIELD STRENGTH IN ACCORDANCE WITH ASTM C1577, SECTION 12.6.

CAST-IN-PLACE BARREL AND/OR BASE SECTION IS NOT ALLOWED.

JOINTS TO BE SEALED AND ALL VOIDS FILLED WITH A MASTIC JOINT SEALER PER ARTICLE 540.06.

MODEL: D:\default\p\transysystems-pw\hntb\com\transyscorp\pw\hntb\Documents\Projects\_2018\C401\401180022\03-WSP\CAD\62R23\_BB-1\Sheets\Civil\02R23-shr-draindetail\US6-cbc3.dgn  
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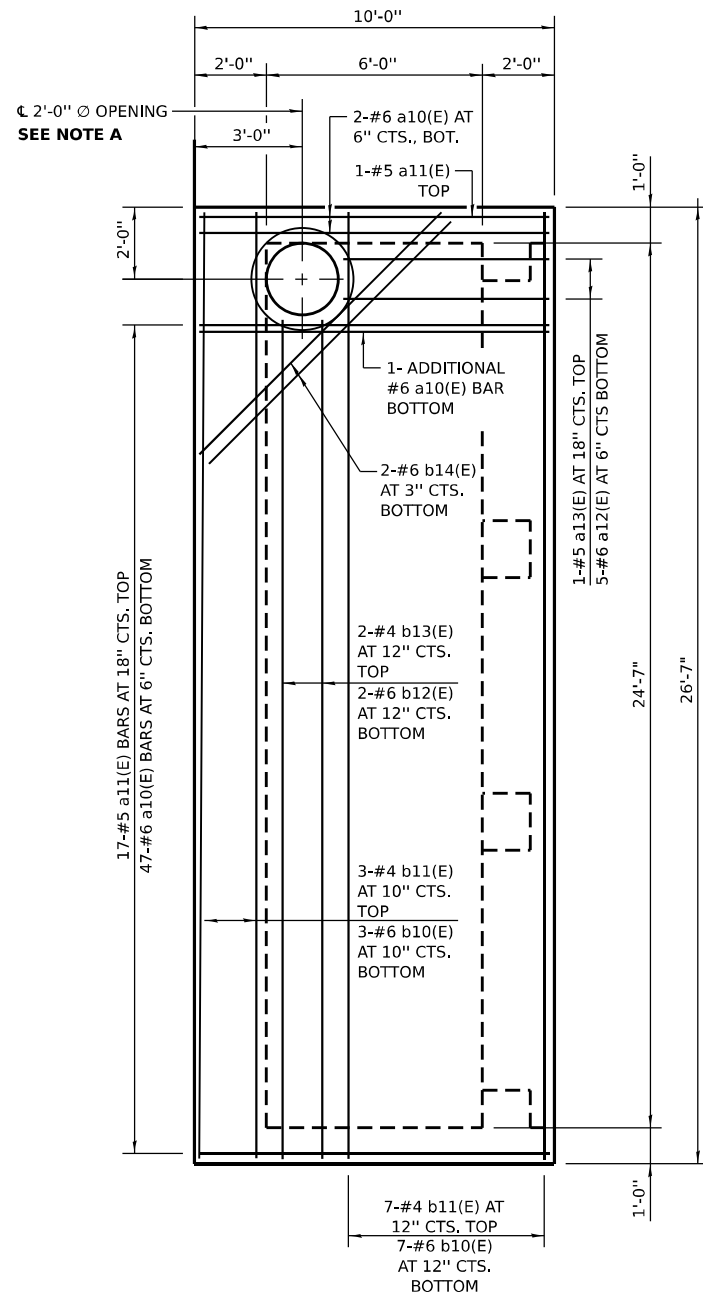
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	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

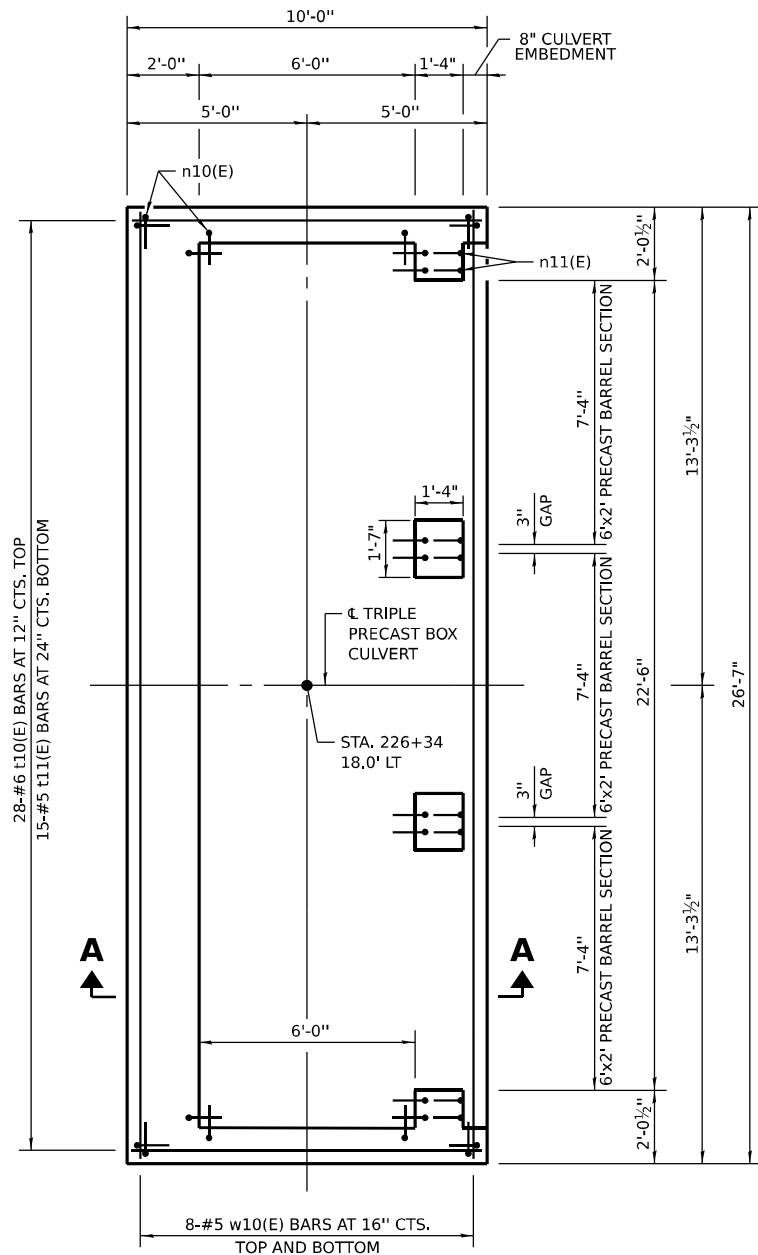
**DRAINAGE DETAILS - US 6 COMPENSATORY STORAGE STRUCTURE  
PRECAST REINFORCED CONCRETE BOX CULVERT**

SCALE: NONE SHEET 3 OF 11 SHEETS STA. TO STA.

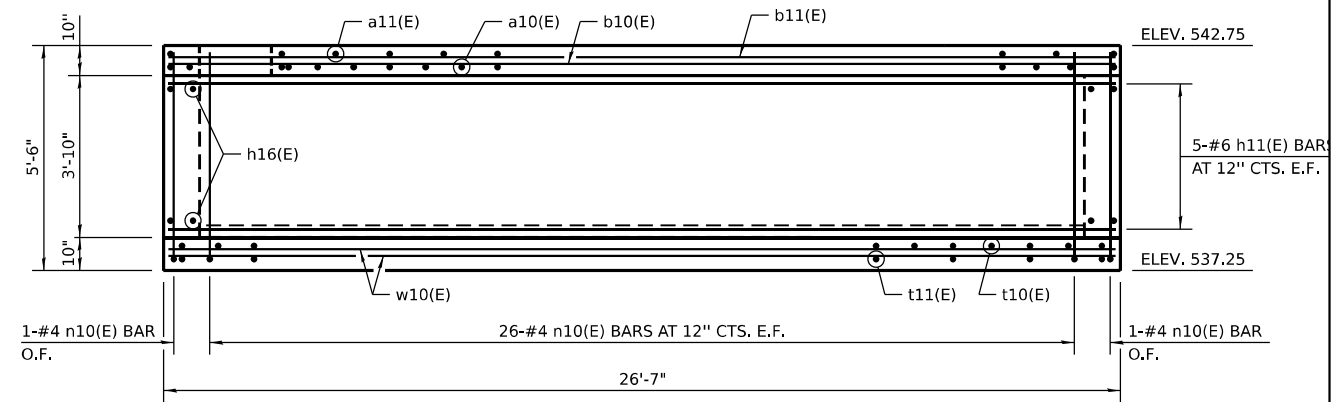
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	389
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



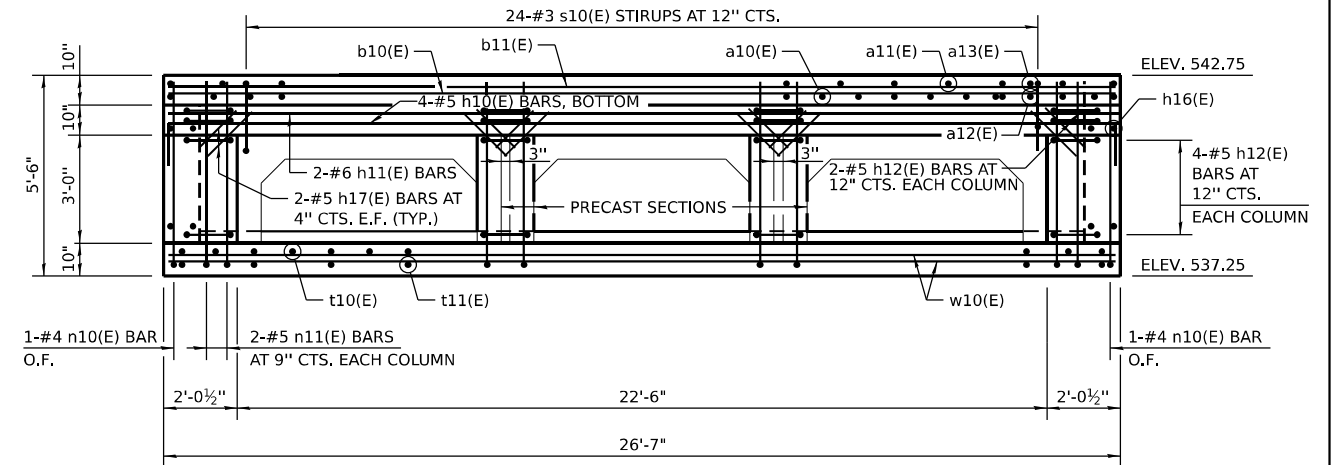
**TOP SLAB PLAN**



**BOTTOM SLAB PLAN**



**SOUTH WALL ELEVATION**



**NORTH WALL ELEVATION**

**NOTE A**

PROVIDE A 2'-11" Ø 1" DEEP RECESS IN THE TOP SLAB, CENTERED OVER THE 2'-0" OPENING, FOR THE FRAME AND LID. FRAME SHALL BE SET ON AN INITIAL 3/8" MIN. GROUT BED (2:1 SAND AND PORTLAND CEMENT, VERY DRY MIX) TO MATCH RIM ELEVATION SHOWN ON DRAINAGE PLANS.

**NOTES**

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

SEE SHEET 391 FOR SECTION A-A, ADDITIONAL ELEVATIONS AND DETAILS.

SEE SHEET 389 FOR TRIPLE PRECAST BOX DETAILS.

**LEGEND**

- E.F. EACH FACE
- I.F. INSIDE FACE
- O.F. OUTSIDE FACE

MODEL: D:\full\...  
 FILE NAME: ...  
 PROJECTS: 2018\CH-401\401180022703-MSD\CAD\62023\_BB-1\Sheet\Civil\ID\62R23-eh-draindetail\US6-C11.dgn



WSP USA INC.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-8150

USER NAME = USSJ696614	DESIGNED - TB/MHD	REVISED -
PLOT SCALE = 5:4,0000 '"/in.	DRAWN - TB/MHD	REVISED -
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	DATE - 11/7/2025	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

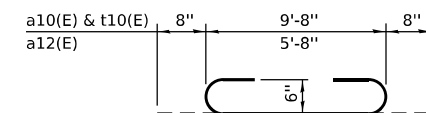
**DRAINAGE DETAILS - US 6 COMPENSATORY STORAGE STRUCTURE  
 JUNCTION CHAMBER 1 - STA. 226 + 34 (1 OF 2)**

F.A.I. RTE. 80	SECTION FAI 80 21 STRUCTURE 2	COUNTY WILL	TOTAL SHEETS 1230	SHEET NO. 390
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	

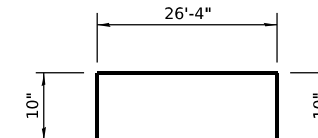
SCALE: NONE SHEET 4 OF 11 SHEETS STA. 226+34 TO STA. 226+34

**BILL OF MATERIAL  
(FOR INFORMATION ONLY)**

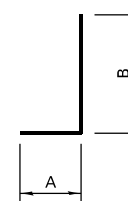
BAR	NO.	SIZE	LENGTH	SHAPE
a10(E)	50	#6	11'-0"	
a11(E)	18	#5	9'-8"	
a12(E)	5	#6	7'-0"	
a13(E)	1	#5	5'-8"	
b10(E)	10	#6	26'-3"	
b11(E)	10	#4	26'-3"	
b12(E)	2	#6	23'-3"	
b13(E)	2	#4	23'-3"	
b14(E)	2	#6	9'-6"	
h10(E)	4	#5	28'-0"	
h11(E)	12	#6	26'-3"	
h12(E)	24	#5	5'-5"	
h16(E)	20	#6	9'-8"	
h17(E)	24	#5	2'-0"	
n10(E)	92	#4	5'-10"	
n11(E)	16	#5	6'-0"	
s10(E)	24	#3	6'-9"	
t10(E)	28	#6	11'-0"	
t11(E)	15	#5	9'-8"	
w10(E)	16	#5	26'-3"	
* REINFORCEMENT BARS, EPOXY COATED			POUND	4400
* CONCRETE STRUCTURES			CU YD	28.5
* FRAMES AND LIDS, TYPE 1, OPEN LID			EACH	1
* CAST IRON STEPS			EACH	3



**BARS a10(E), a12(E)  
& t10(E)**

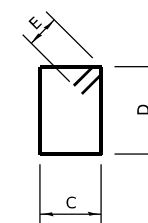


**BAR h10(E)**



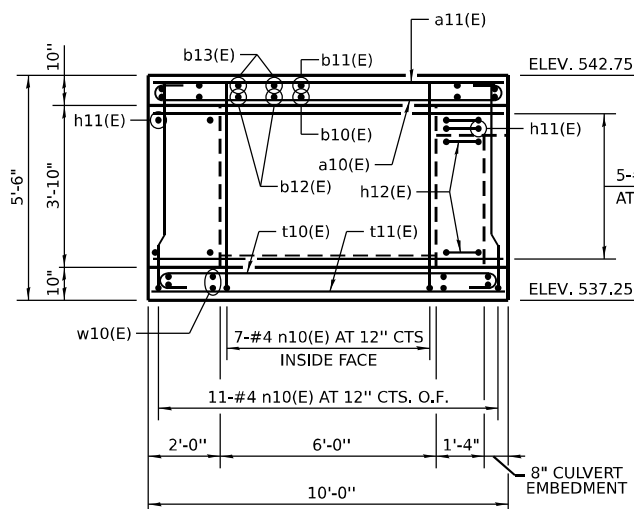
BAR	A	B
n10(E)	8"	5'-2"
n11(E)	10"	5'-2"

**BARS n10(E) & n11(E)**

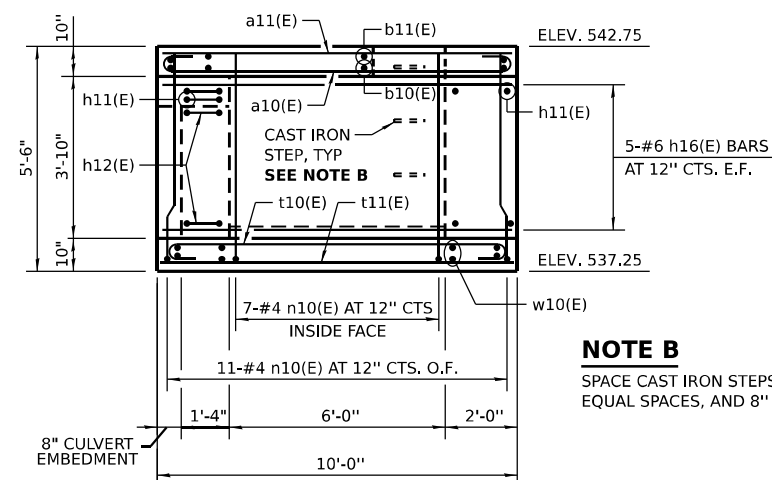


BAR	C	D	E
h12(E)	1'-0"	1'-3"	5½"
s10(E)	1'-8"	1'-4"	4½"

**BARS h12(E) & s10(E)**



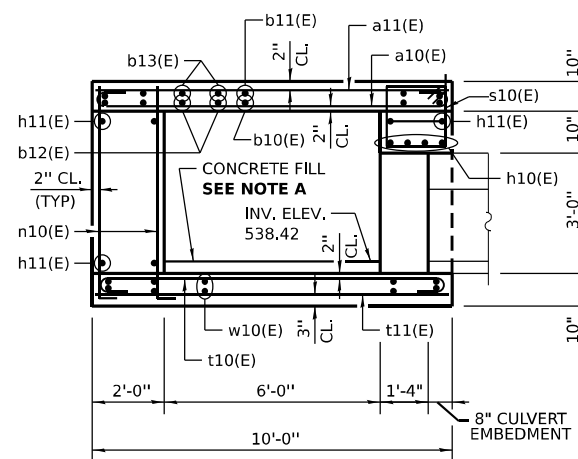
**EAST WALL ELEVATION**



**WEST WALL ELEVATION**

**NOTE B**

SPACE CAST IRON STEPS AT 12" TO 18", EQUAL SPACES, AND 8" FROM TOP OF SLAB.



**SECTION A-A**

**NOTE A**

PLACE CONCRETE FILL AFTER INSTALLATION OF BOX CULVERT AND JUNCTION CHAMBER WALLS. MATCH TOP OF FILL ELEVATION TO BOX CULVERT INVERT ELEVATION 539.01.

**LEGEND**

E.F. EACH FACE  
I.F. INSIDE FACE  
O.F. OUTSIDE FACE

**NOTES**

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.  
SEE SHEET 389 FOR TRIPLE PRECAST BOX CULVERT DETAILS.  
SEE STANDARD 602701 FOR DETAILS OF CAST IRON STEPS.  
SEE STANDARD 604001 FOR DETAILS OF FRAME AND LID.  
THE JUNCTION CHAMBER AT STATION 226+34 WILL BE PAID FOR AS JUNCTION CHAMBER NO. 1.  
\* INCLUDED IN THE COST OF JUNCTION CHAMBER NO. 1.

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WSP USA INC.  
30 N. LASALLE STREET  
SUITE 4200  
CHICAGO, IL 60602  
TEL: (312) 782-8150

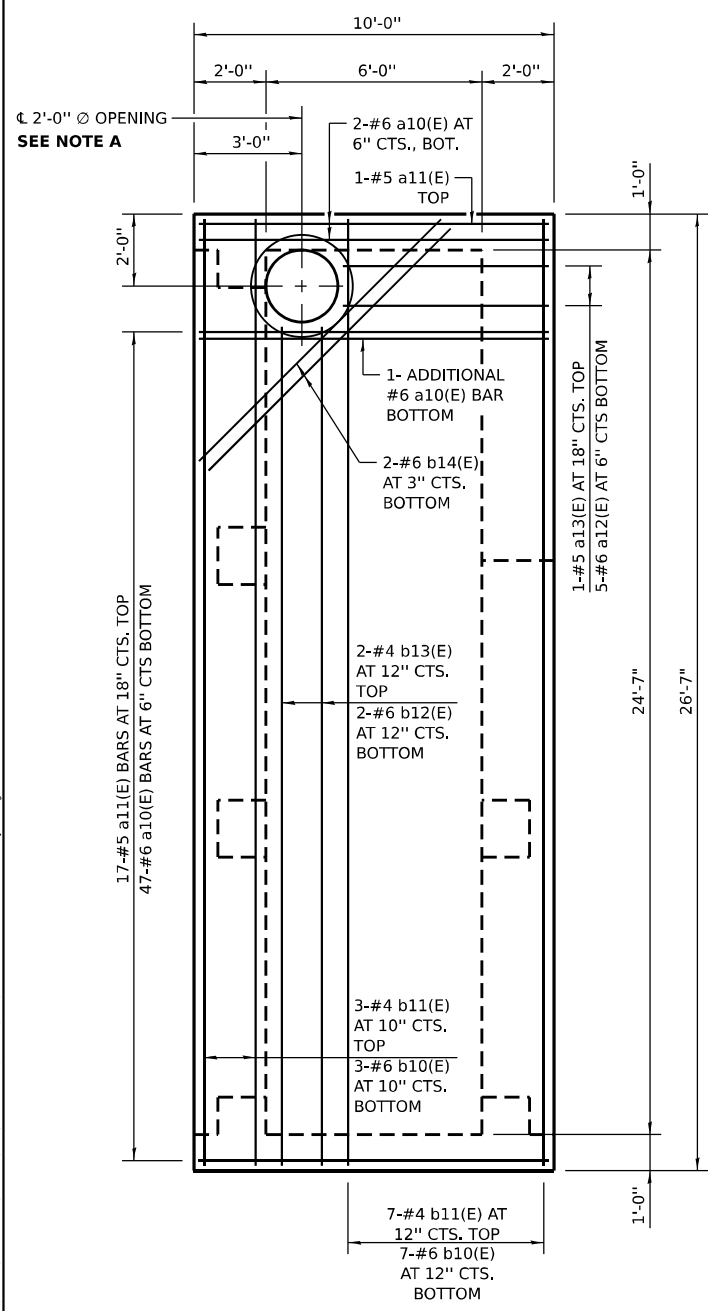
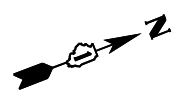
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

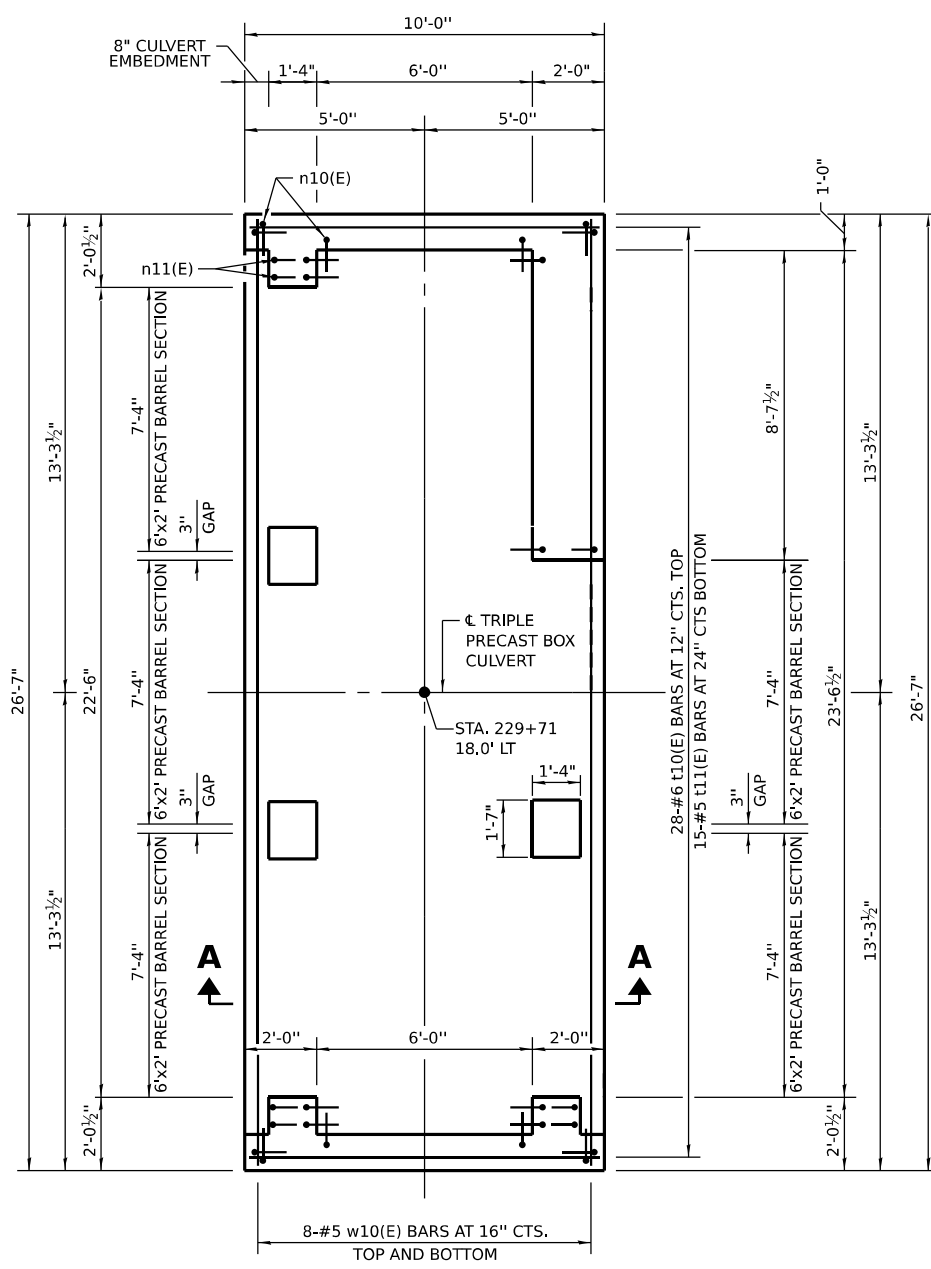
**DRAINAGE DETAILS – US 6 COMPENSATORY STORAGE STRUCTURE  
JUNCTION CHAMBER 1 – STA. 226 + 34 (2 OF 2)**

SCALE: NONE SHEET 5 OF 11 SHEETS STA. 226+34 TO STA. 226+34

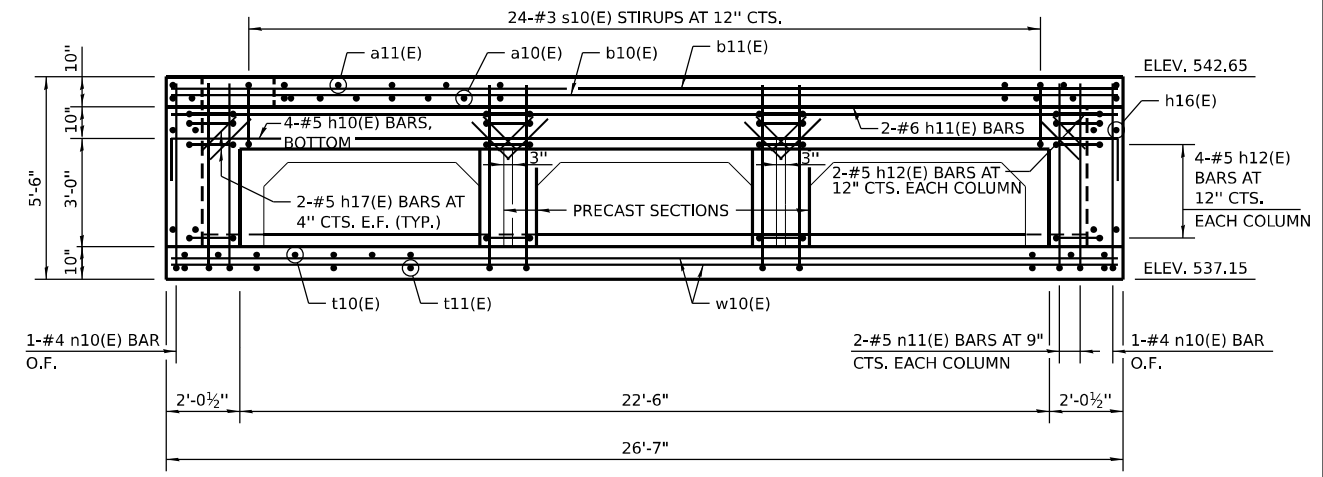
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	



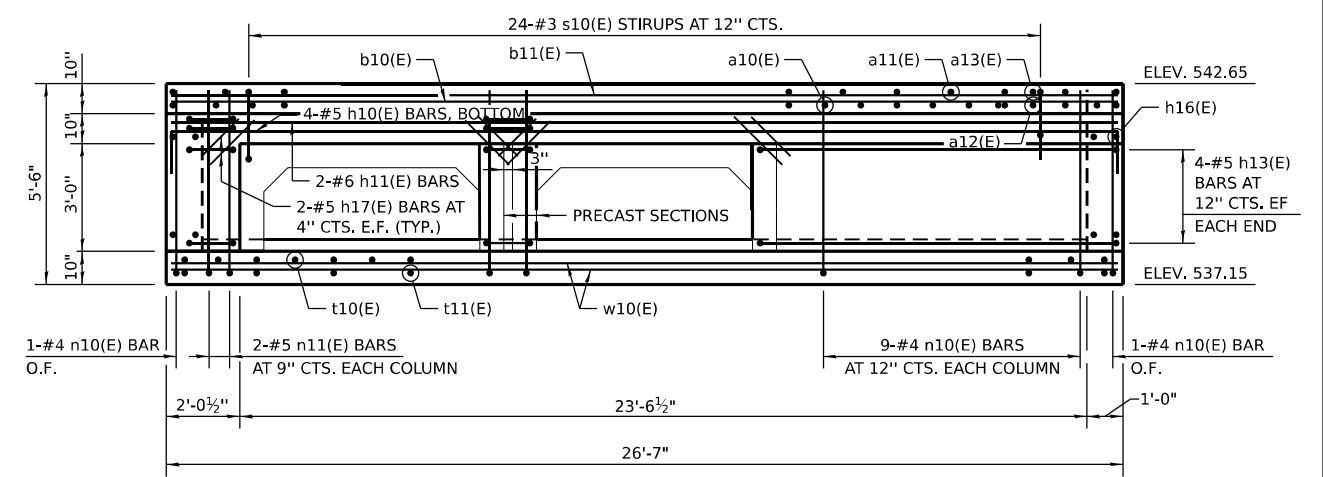
**TOP SLAB PLAN**



**BOTTOM SLAB PLAN**



**SOUTH WALL ELEVATION**



**NORTH WALL ELEVATION**

**NOTE A**  
 PROVIDE A 2'-11" x 1" DEEP RECESS IN THE TOP SLAB, CENTERED OVER THE 2'-0" OPENING, FOR THE FRAME AND LID. FRAME SHALL BE SET ON AN INITIAL 3/8" MIN. GROUT BED (2:1 SAND AND PORTLAND CEMENT, VERY DRY MIX) TO MATCH RIM ELEVATION SHOWN ON DRAINAGE PLANS.

**NOTES**  
 REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.  
 SEE SHEET 393 FOR SECTION A-A, ADDITIONAL ELEVATIONS AND DETAILS.  
 SEE SHEET 389 FOR TRIPLE PRECAST BOX CULVERT DETAILS.

**LEGEND**  
 E.F. EACH FACE  
 I.F. INSIDE FACE  
 O.F. OUTSIDE FACE

MODEL: D:\p\...  
 FILE NAME: ...  
 PROJECT: ...  
 DATE: ...



USER NAME = USSJ696614	DESIGNED - TB/MHD	REVISED -
DRAWN - TB/MHD	REVISED -	
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS - US 6 COMPENSATORY STORAGE STRUCTURE  
 JUNCTION CHAMBER 2 - STA. 229 + 71 (1 OF 2)**  
 SCALE: NONE SHEET 6 OF 11 SHEETS STA. 229+71 TO STA. 229+71

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	392
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

**BILL OF MATERIAL  
(FOR INFORMATION ONLY)**

BAR	NO.	SIZE	LENGTH	SHAPE
a10(E)	50	#6	11'-0"	
a11(E)	18	#5	9'-8"	
a12(E)	5	#6	7'-0"	
a13(E)	1	#5	5'-8"	
b10(E)	10	#6	26'-3"	
b11(E)	10	#4	26'-3"	
b12(E)	2	#6	23'-3"	
b13(E)	2	#4	23'-3"	
b14(E)	2	#6	9'-6"	
h10(E)	8	#5	28'-0"	
h11(E)	4	#6	26'-3"	
h12(E)	36	#5	5'-5"	
h13(E)	8	#5	9'-3"	
h16(E)	20	#6	9'-8"	
h17(E)	40	#5	2'-0"	
n10(E)	58	#4	5'-10"	
n11(E)	24	#5	6'-0"	
s10(E)	48	#3	6'-9"	
t10(E)	28	#6	11'-0"	
t11(E)	15	#5	9'-8"	
w10(E)	16	#5	26'-3"	
* REINFORCEMENT BARS, EPOXY COATED			POUND	4360
* CONCRETE STRUCTURES			CU YD	25.3
* FRAMES AND LIDS, TYPE 1, OPEN LID			EACH	1
* CAST IRON STEPS			EACH	3

**NOTES**

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

SEE SHEET 391 FOR BAR BENDING DETAILS.

PROVIDE A 24" INSIDE DIA. CONCRETE ADJUSTING RING OF THE THICKNESS REQUIRED TO SET THE RIM TO THE ELEVATION SHOWN ON THE DRAINAGE PLANS. COST INCLUDED WITH THE JUNCTION CHAMBER PAY ITEM.

SEE SHEET 389 FOR TRIPLE PRECAST BOX CULVERT DETAILS.

SEE STANDARD 602701 FOR DETAILS OF CAST IRON STEPS.

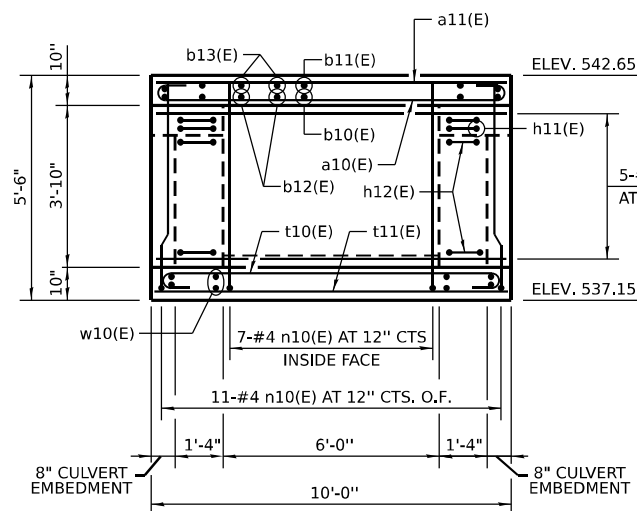
SEE STANDARD 604001 FOR DETAILS OF FRAME AND LID.

THE JUNCTION CHAMBER AT STATION 229+71 WILL BE PAID FOR AS JUNCTION CHAMBER NO. 2.

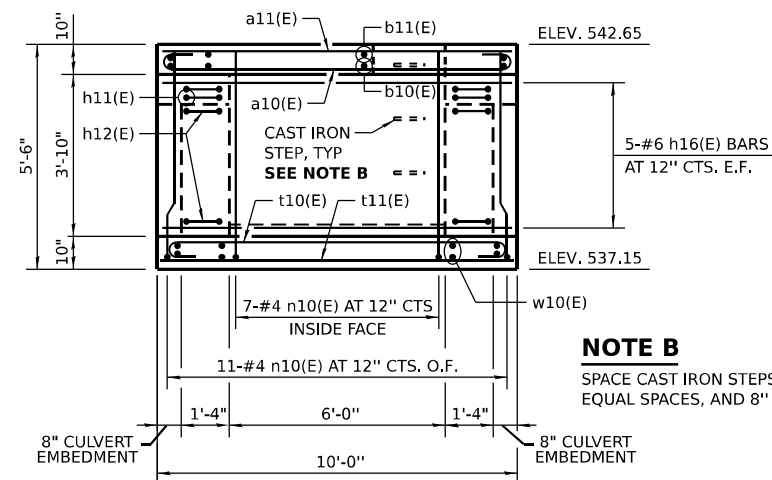
\* INCLUDED IN THE COST OF JUNCTION CHAMBER NO. 2.

**LEGEND**

E.F. EACH FACE  
I.F. INSIDE FACE  
O.F. OUTSIDE FACE



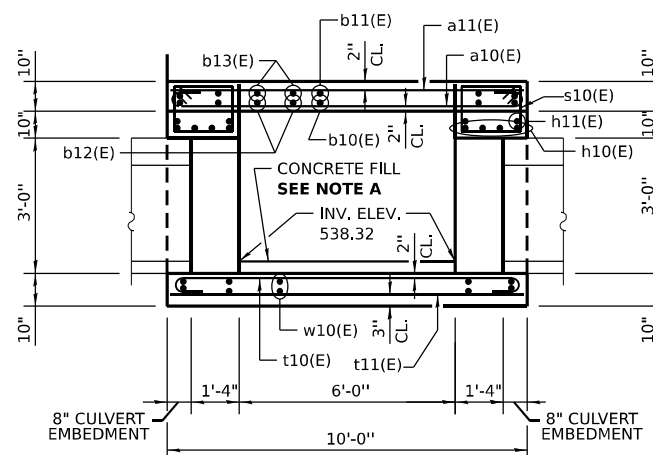
**EAST WALL ELEVATION**



**WEST WALL ELEVATION**

**NOTE B**

SPACE CAST IRON STEPS AT 12" TO 18", EQUAL SPACES, AND 8" FROM TOP OF SLAB.



**SECTION A-A**

**NOTE A**

PLACE CONCRETE FILL AFTER INSTALLATION OF BOX CULVERT AND JUNCTION CHAMBER WALLS. MATCH TOP OF FILL ELEVATION TO BOX CULVERT INVERT ELEVATION 538.91.

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 USER: ...  
 DATE: ...



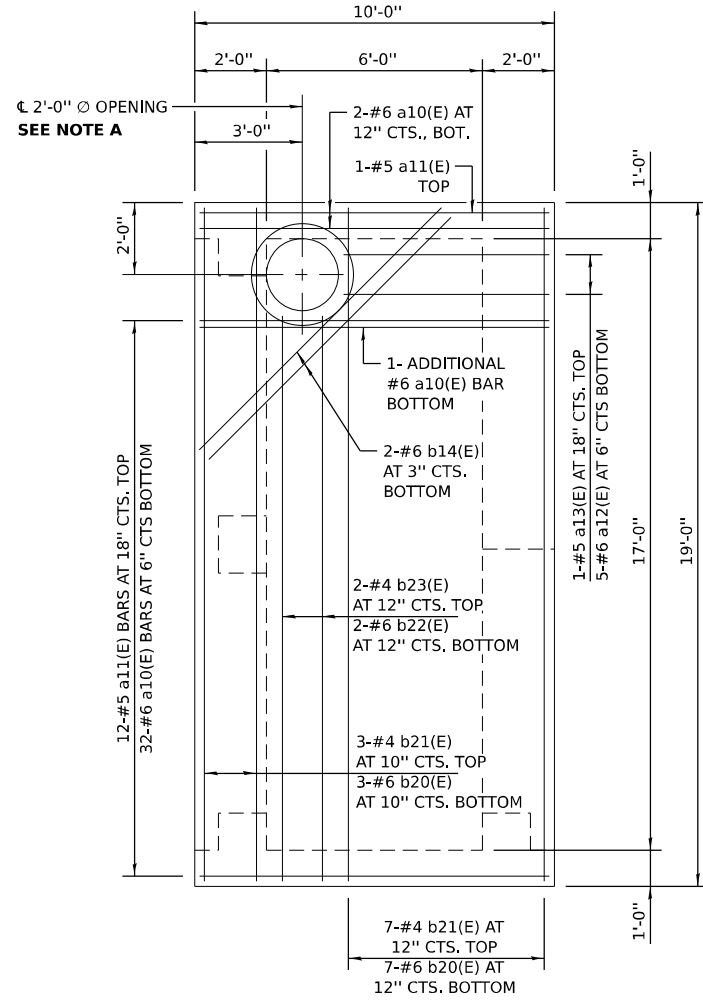
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

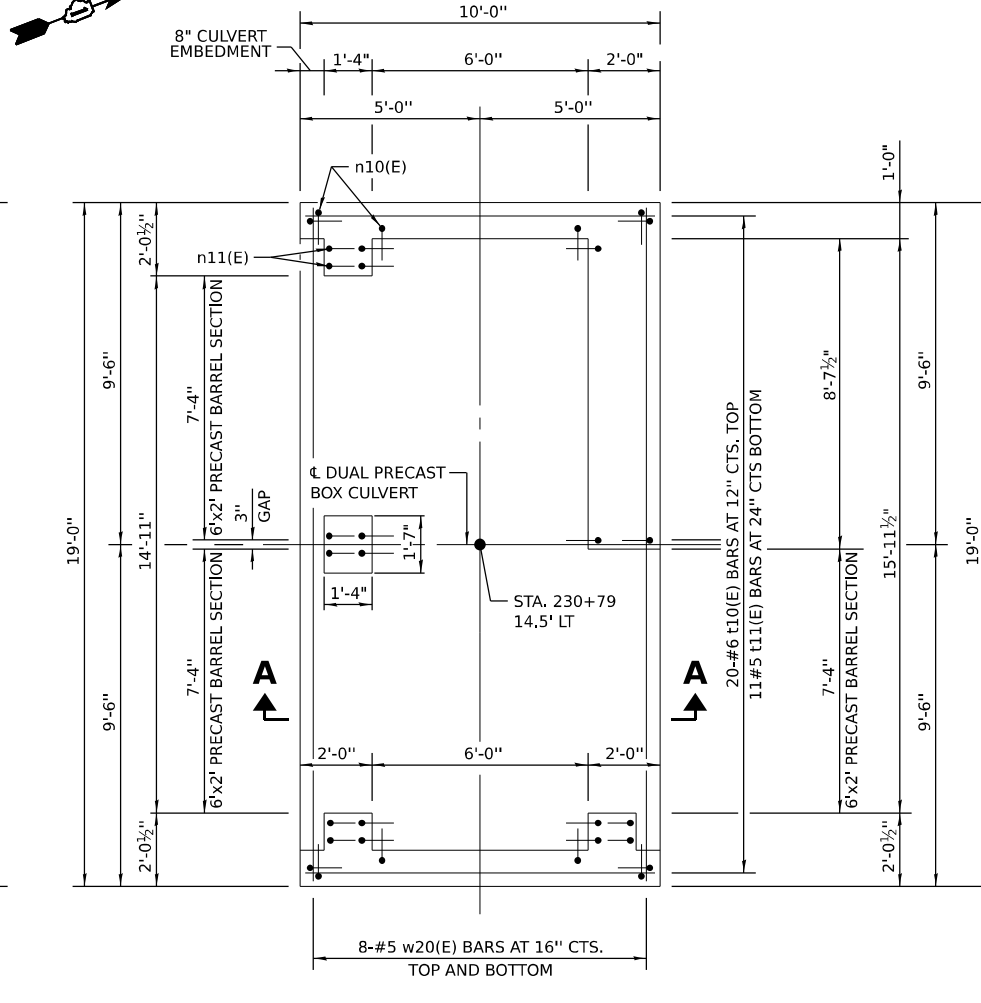
**DRAINAGE DETAILS - US 6 COMPENSATORY STORAGE STRUCTURE  
JUNCTION CHAMBER 2 - STA. 229+71 (2 OF 2)**

SCALE: NONE SHEET 7 OF 11 SHEETS STA. 229+71 TO STA. 229+71

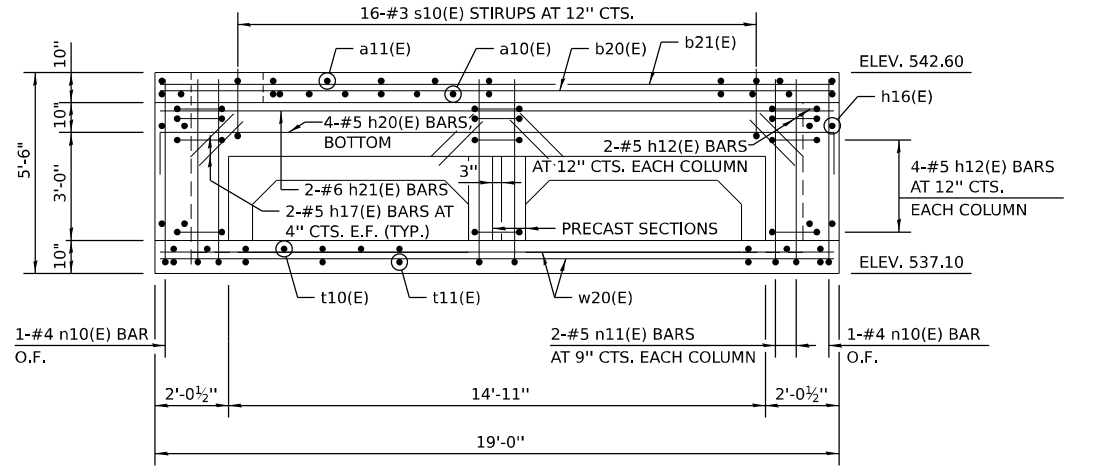
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	393
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	



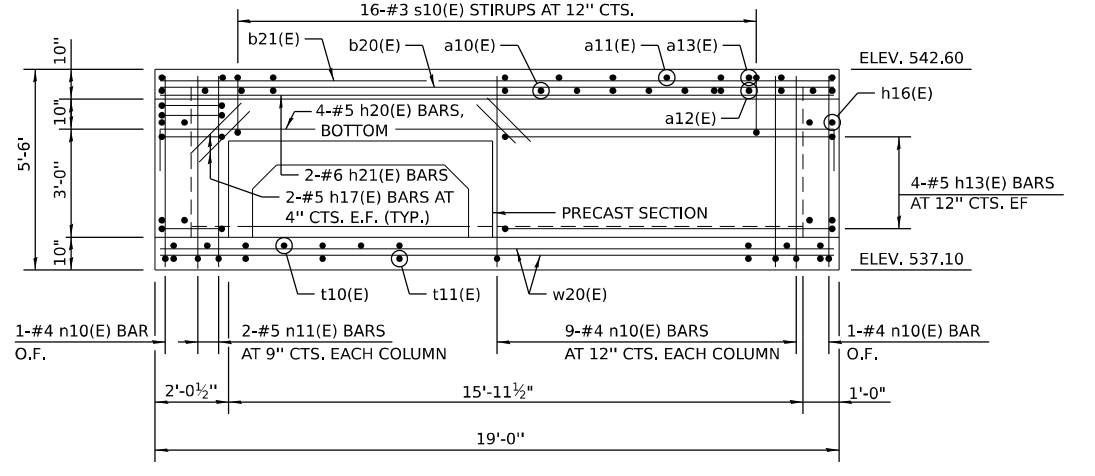
**TOP SLAB PLAN**



**BOTTOM SLAB PLAN**



**SOUTH WALL ELEVATION**



**NORTH WALL ELEVATION**

**NOTE A**  
 PROVIDE A 2'-11" Ø 1" DEEP RECESS IN THE TOP SLAB, CENTERED OVER THE 2'-0" OPENING, FOR THE FRAME AND LID. FRAME SHALL BE SET ON AN INITIAL 3/8" MIN. GROUT BED (2:1 SAND AND PORTLAND CEMENT, VERY DRY MIX) TO MATCH RIM ELEVATION SHOWN ON DRAINAGE PLANS.

**LEGEND**

- E.F. EACH FACE
- I.F. INSIDE FACE
- O.F. OUTSIDE FACE

**GENERAL NOTES**

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.  
 SEE SHEET 395 FOR SECTION A-A, ADDITIONAL ELEVATIONS AND DETAILS.  
 SEE SHEET 388 FOR SINGLE AND DUAL PRECAST BOX CULVERT DETAILS.

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DATE - 11/7/2025	REVISED -

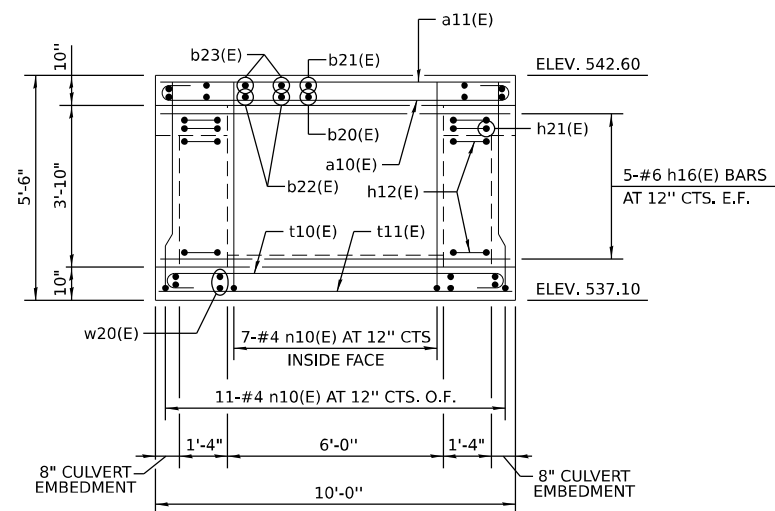
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE DETAILS – US 6 COMPENSATORY STORAGE STRUCTURE</b>	
<b>JUNCTION CHAMBER 3 – STA. 230 + 79 (1 OF 2)</b>	
SCALE: NONE	SHEET 8 OF 11 SHEETS
STA. 230+79	TO STA. 230+79

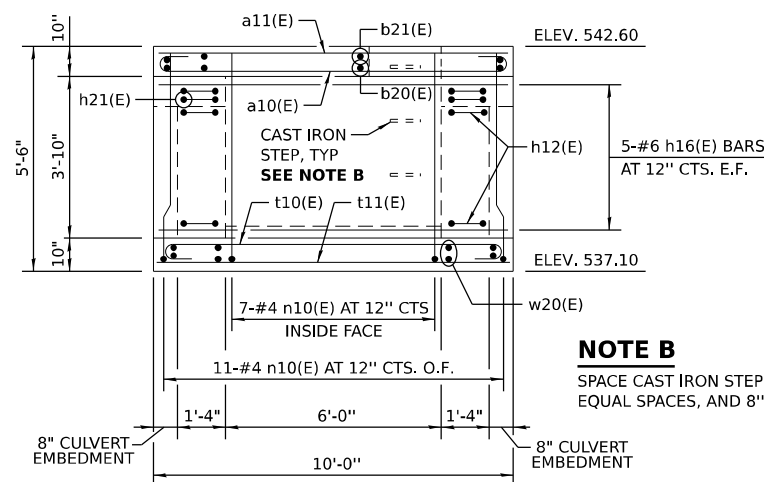
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	394
				CONTRACT NO. 62R23
		ILLINOIS	FED. AID PROJECT	

**BILL OF MATERIAL  
(FOR INFORMATION ONLY)**

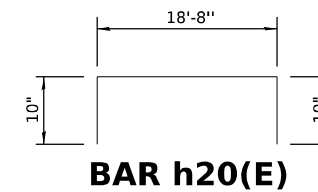
BAR	NO.	SIZE	LENGTH	SHAPE
a10(E)	35	#6	11'-0"	⌒
a11(E)	13	#5	9'-8"	—
a12(E)	5	#6	7'-0"	⌒
a13(E)	1	#5	5'-8"	—
b14(E)	2	#6	9'-6"	—
b20(E)	10	#6	18'-8"	—
b21(E)	10	#4	18'-8"	—
b22(E)	2	#6	15'-8"	—
b23(E)	2	#4	15'-8"	—
h12(E)	24	#5	5'-5"	⌒
h13(E)	8	#5	9'-3"	—
h16(E)	20	#6	9'-8"	—
h17(E)	20	#5	2'-0"	—
h20(E)	8	#5	20'-4"	⌒
h21(E)	4	#6	18'-8"	—
n10(E)	58	#4	5'-10"	L
n11(E)	16	#5	6'-0"	L
s10(E)	32	#3	6'-9"	⌒
t10(E)	20	#6	11'-0"	⌒
t11(E)	11	#5	9'-8"	—
w20(E)	16	#5	18'-8"	—
* REINFORCEMENT BARS, EPOXY COATED			POUND	3260
* CONCRETE STRUCTURES			CU YD	19.2
* FRAMES AND LIDS, TYPE 1, OPEN LID			EACH	1
* CAST IRON STEPS			EACH	3



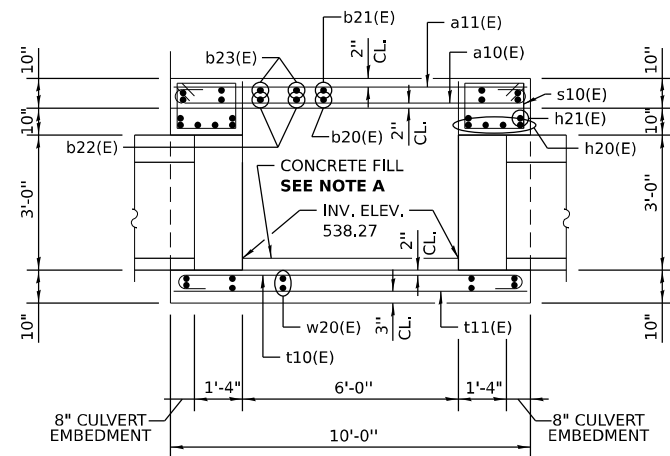
**EAST WALL ELEVATION**



**WEST WALL ELEVATION**



**NOTE B**  
SPACE CAST IRON STEPS AT 12" TO 18", EQUAL SPACES, AND 8" FROM TOP OF SLAB.



**SECTION A-A**

**NOTE A**  
PLACE CONCRETE FILL AFTER INSTALLATION OF BOX CULVERT AND JUNCTION CHAMBER WALLS. MATCH TOP OF FILL ELEVATION TO BOX CULVERT INVERT ELEVATION 538.86.

**GENERAL NOTES**

- REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
- SEE SHEET 391 FOR ADDITIONAL BAR BENDING DETAILS.
- PROVIDE A 24" INSIDE DIA. CONCRETE ADJUSTING RING OF THE THICKNESS REQUIRED TO SET THE RIM TO THE ELEVATION SHOWN ON THE DRAINAGE PLANS. COST INCLUDED WITH THE JUNCTION CHAMBER PAY ITEM.
- SEE SHEET 388 FOR SINGLE AND DUAL PRECAST BOX CULVERT DETAILS.
- SEE STANDARD 602701 FOR DETAILS OF CAST IRON STEPS.
- SEE STANDARD 604001 FOR DETAILS OF FRAME AND LID.
- THE JUNCTION CHAMBER AT STATION 230+79 WILL BE PAID FOR AS JUNCTION CHAMBER NO. 3.
- \* INCLUDED IN THE COST OF JUNCTION CHAMBER NO. 3

**LEGEND**

E.F. EACH FACE  
I.F. INSIDE FACE  
O.F. OUTSIDE FACE

MODEL: D:\full\...  
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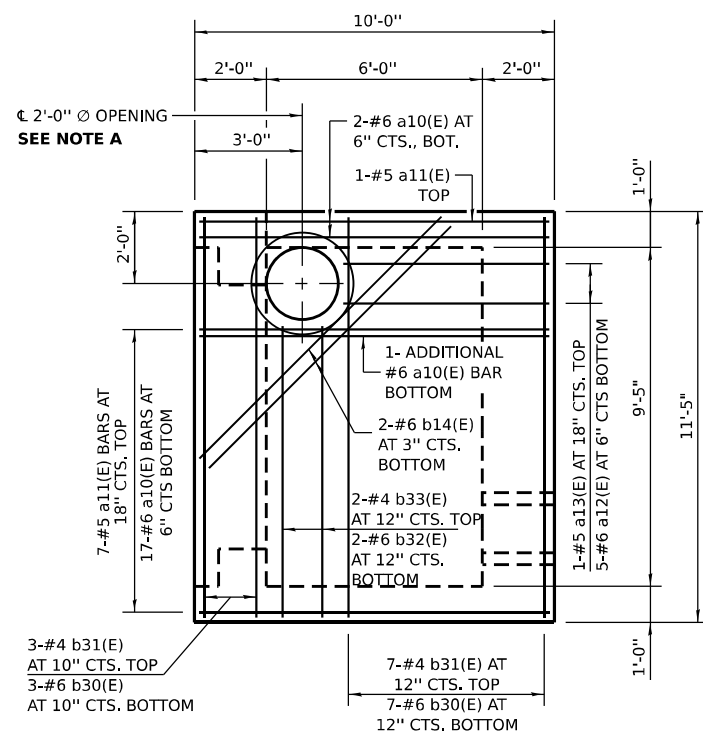
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

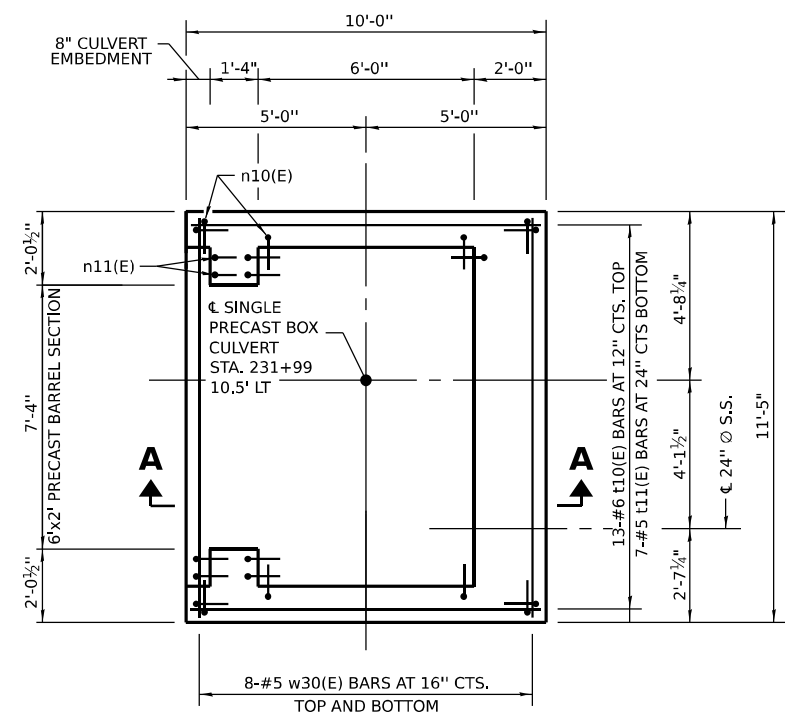
**DRAINAGE DETAILS - US 6 COMPENSATORY STORAGE STRUCTURE  
JUNCTION CHAMBER 3 - STA. 230+79 (2 OF 2)**

SCALE: NONE SHEET 9 OF 11 SHEETS STA. 230+79 TO STA. 230+79

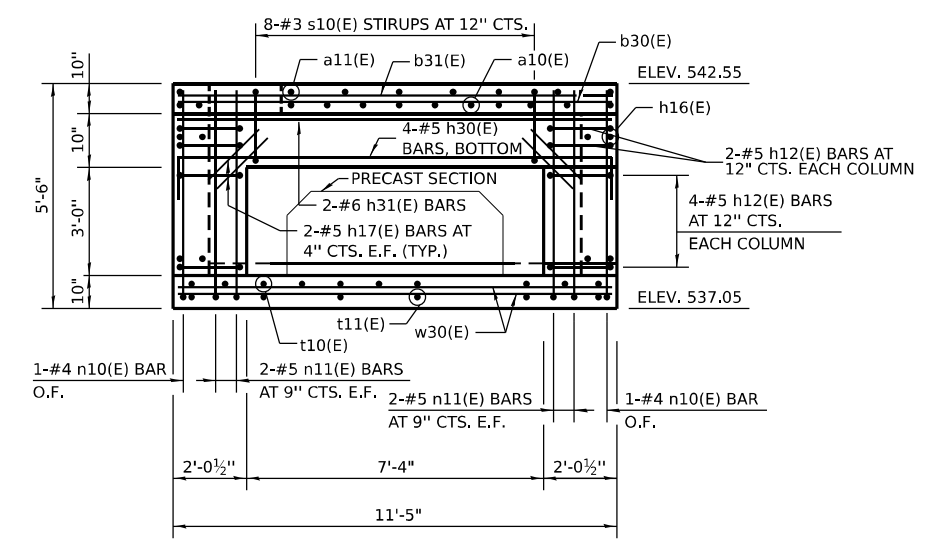
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CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				



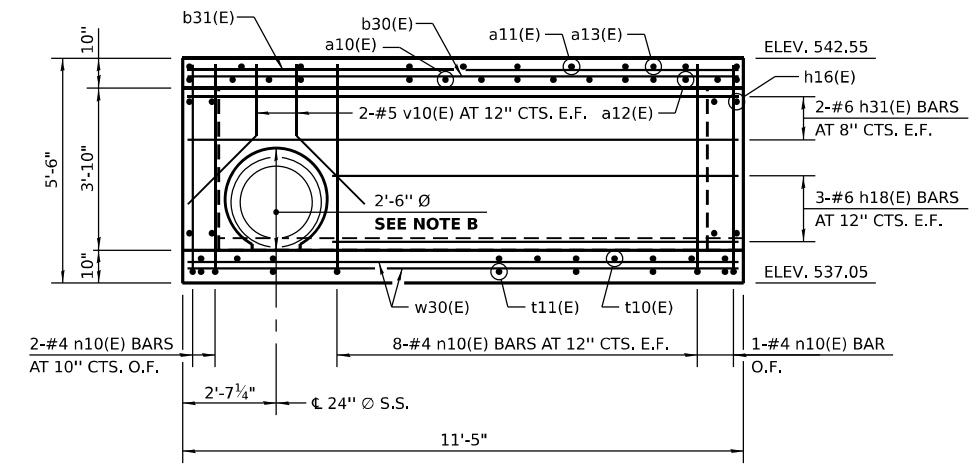
**TOP SLAB PLAN**



**BOTTOM SLAB PLAN**



**SOUTH WALL ELEVATION**



**NORTH WALL ELEVATION**

**NOTE A**  
 PROVIDE A 2'-11" Ø 1" DEEP RECESS IN THE TOP SLAB, CENTERED OVER THE 2'-0" OPENING, FOR THE FRAME AND LID. FRAME SHALL BE SET ON AN INITIAL 3/8" MIN. GROUT BED (2:1 SAND AND PORTLAND CEMENT, VERY DRY MIX) TO MATCH RIM ELEVATION SHOWN ON DRAINAGE PLANS.

**NOTE B**  
 PROVIDE A 2'-10" Ø FORMED HOLE IN THE WALL FOR THE 24" INSIDE DIA. STORM SEWER.

**LEGEND**

- E.F. EACH FACE
- I.F. INSIDE FACE
- O.F. OUTSIDE FACE

**NOTES**

- REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
- SEE SHEET 397 FOR SECTIONS A-A AND B-B, ADDITIONAL ELEVATIONS AND DETAILS.
- SEE SHEET 388 FOR SINGLE PRECAST BOX CULVERT DETAILS.

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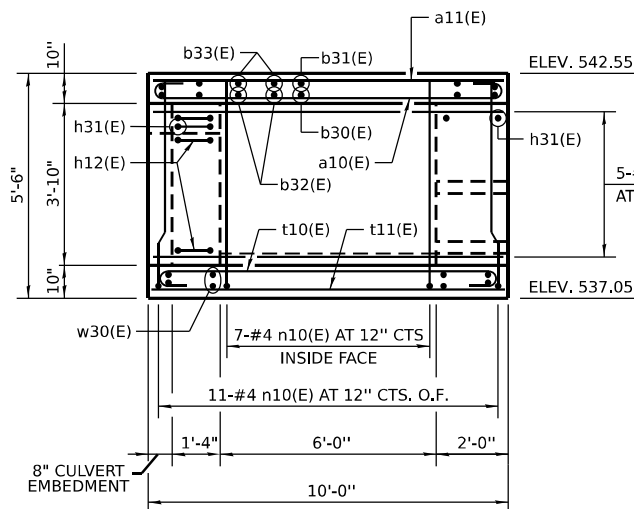
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE DETAILS - US 6 COMPENSATORY STORAGE STRUCTURE  
 JUNCTION CHAMBER 4 - STA. 231+99 (1 OF 2)**

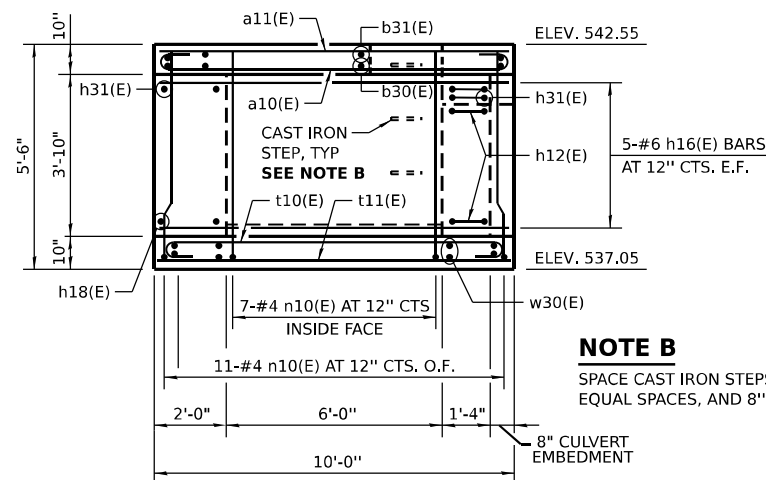
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ILLINOIS FED. AID PROJECT				

**BILL OF MATERIAL**  
(FOR INFORMATION ONLY)

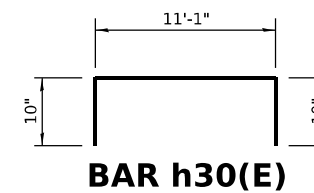
BAR	NO.	SIZE	LENGTH	SHAPE
a10(E)	20	#6	11'-0"	
a11(E)	8	#5	9'-8"	
a12(E)	5	#6	7'-0"	
a13(E)	1	#5	5'-8"	
b14(E)	2	#6	9'-6"	
b30(E)	10	#6	11'-1"	
b31(E)	10	#4	11'-1"	
b32(E)	2	#6	8'-1"	
b33(E)	2	#4	8'-1"	
h12(E)	12	#5	5'-5"	
h16(E)	20	#6	9'-8"	
h17(E)	4	#5	2'-0"	
h18(E)	6	#6	7'-1"	
h30(E)	4	#5	12'-9"	
h31(E)	6	#6	11'-1"	
n10(E)	57	#4	5'-10"	
n11(E)	8	#5	6'-0"	
s10(E)	8	#3	6'-9"	
t10(E)	13	#6	11'-0"	
t11(E)	7	#5	9'-8"	
v10(E)	4	#5	3'-9"	
w30(E)	16	#5	11'-1"	
* REINFORCEMENT BARS, EPOXY COATED			POUND	2140
* CONCRETE STRUCTURES			CU YD	10.7
* FRAMES AND LIDS, TYPE 1, OPEN LID			EACH	1
* CAST IRON STEPS			EACH	3



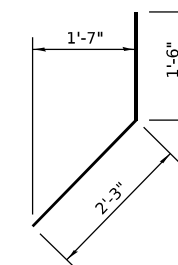
**EAST WALL ELEVATION**



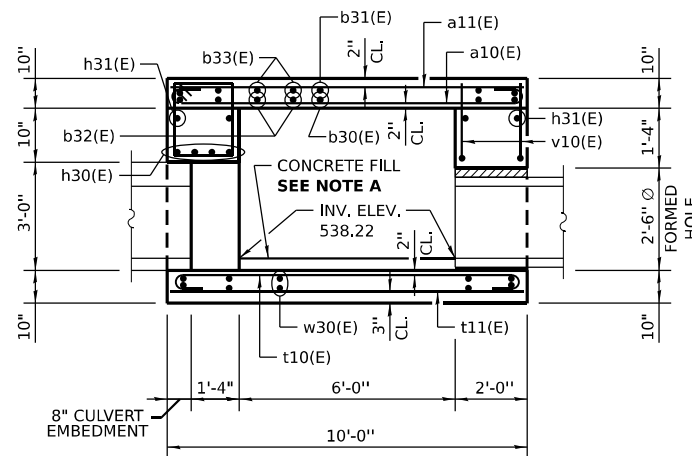
**WEST WALL ELEVATION**



**BAR h30(E)**



**BAR v10(E)**



**SECTION A-A**

**NOTE A**

PLACE CONCRETE FILL AFTER INSTALLATION OF BOX CULVERT AND JUNCTION CHAMBER WALLS. MATCH TOP OF FILL ELEVATION TO BOX CULVERT INVERT ELEVATION 538.81.

**NOTE B**

SPACE CAST IRON STEPS AT 12" TO 18", EQUAL SPACES, AND 8" FROM TOP OF SLAB.

**LEGEND**

E.F. EACH FACE  
I.F. INSIDE FACE  
O.F. OUTSIDE FACE

**NOTES**

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

SEE SHEET 391 FOR ADDITIONAL BAR BENDING DETAILS.

PROVIDE A 24" INSIDE DIA. CONCRETE ADJUSTING RING OF THE THICKNESS REQUIRED TO SET THE RIM TO THE ELEVATION SHOWN ON THE DRAINAGE PLANS. COST INCLUDED WITH THE JUNCTION CHAMBER PAY ITEM.

SEE SHEET 388 FOR SINGLE PRECAST BOX CULVERT DETAILS.

SEE STANDARD 602701 FOR DETAILS OF CAST IRON STEPS.

SEE STANDARD 604001 FOR DETAILS OF FRAME AND LID.

THE JUNCTION CHAMBER AT STATION 231+99 WILL BE PAID FOR AS JUNCTION CHAMBER NO. 4.

\* INCLUDED IN THE COST OF JUNCTION CHAMBER NO. 4.

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WSP USA INC.  
30 N. LASALLE STREET  
SUITE 4200  
CHICAGO, IL 60602  
TEL: (312) 782-8150

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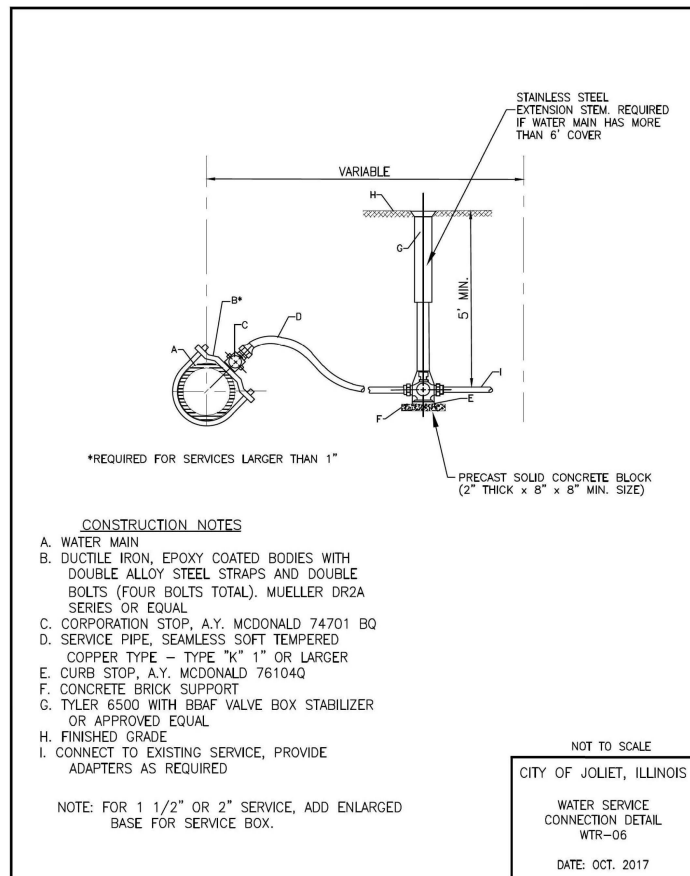
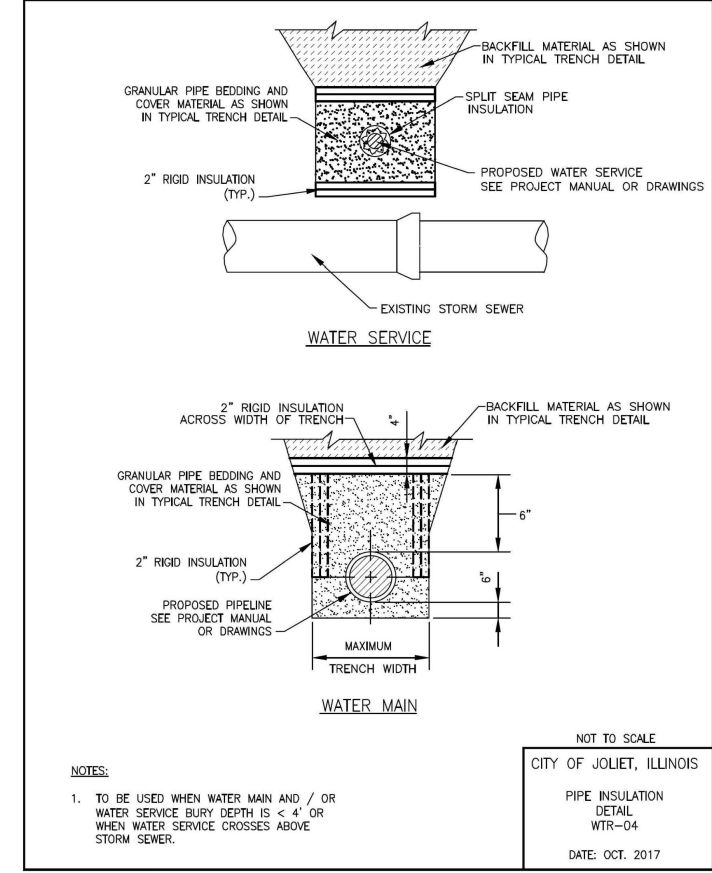
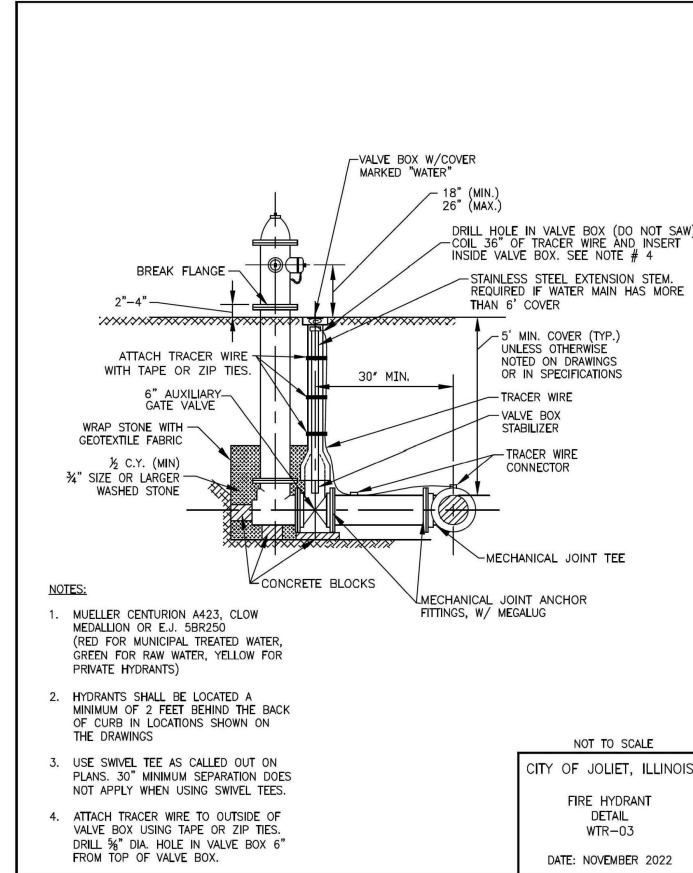
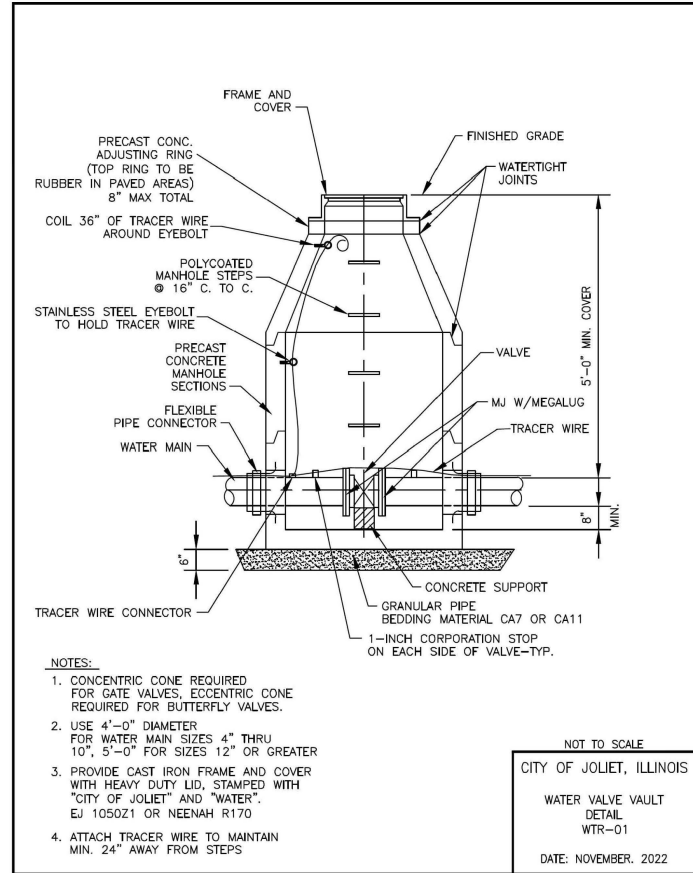
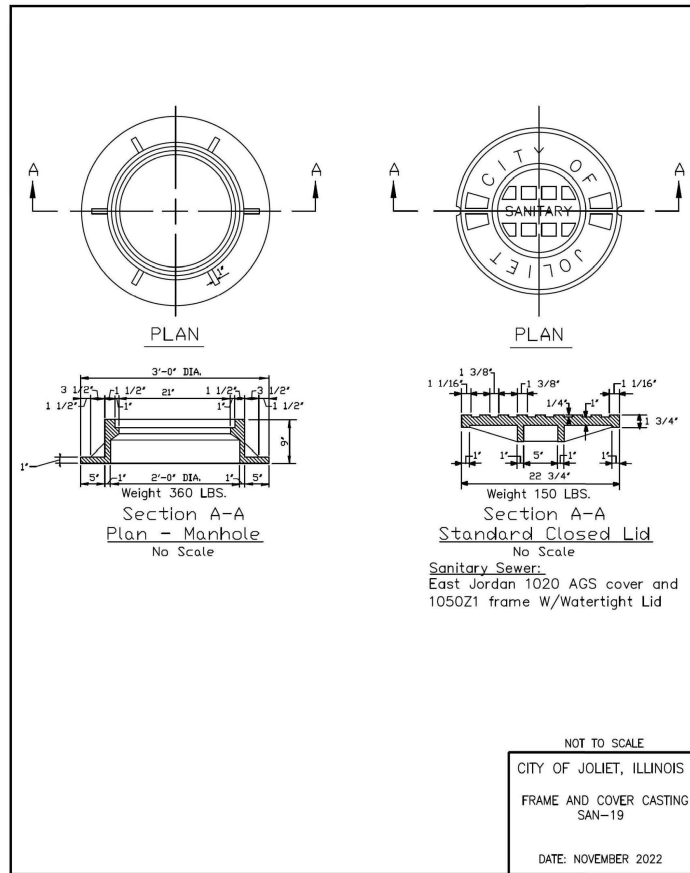
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS - US 6 COMPENSATORY STORAGE STRUCTURE  
JUNCTION CHAMBER 4 - STA. 231+99 (2 OF 2)

SCALE: NONE SHEET 11 OF 11 SHEETS STA. 231+99 TO STA. 231+99

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	397
CONTRACT NO. 62R23			ILLINOIS FED. AID PROJECT	



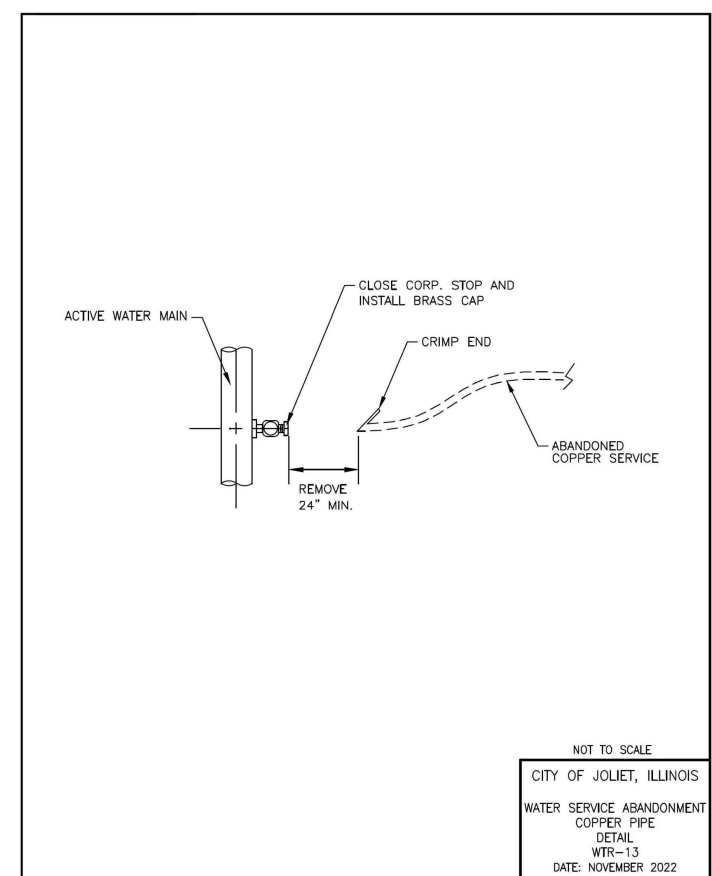
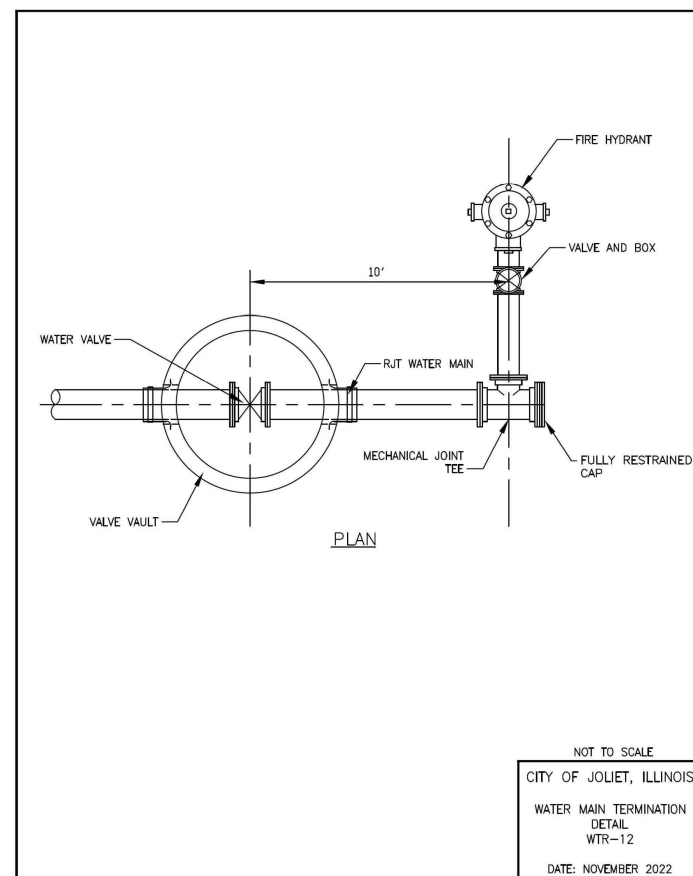


DUCTILE IRON-RESTRAINT JOINT TYPE PIPE LENGTH (FEET)

FITTING TYPE	DIAMETER (IN)					
	4"	6"	8"	10"	12"	16"
HORIZONTAL BEND	11.25'	5	5	5	5	5
	22.5'	5	5	5	5	10
	45'	5	10	10	10	15
90'	15	20	20	25	30	40
VERTICAL BEND	45'	20	25	35	40	60
	TEE	5	5	5	5	5
VALVE (OPERATING PRESSURE)	20	30	35	45	50	65
VALVE (TESTING PRESSURE)	40	60	75	90	105	135
REDUCER	6" NOMINAL PIPE	30	-	-	-	-
	8" NOMINAL PIPE	55	35	-	-	-
	10" NOMINAL PIPE	75	55	30	-	-
	12" NOMINAL PIPE	90	80	55	35	-
	16" NOMINAL PIPE	125	115	100	80	60

**NOT TO SCALE**

CITY OF JOLIET, ILLINOIS  
POLYWRAPPED DI RJT  
DETAIL  
WTR-09  
DATE: NOVEMBER 2022



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V3 Companies  
7325 James Avenue  
Woodridge, IL 60517  
630.724.9200 phone  
630.724.9202 fax  
www.v3co.com

USER NAME = dpung  
DESIGNED - CD  
DRAWN - DP  
CHECKED - JH  
DATE = 11/7/2025

REVISIONS  
REVISOR  
DATE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

JOLIET DRAINAGE DETAILS

SCALE: NONE SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 2	WILL	1230	399
CONTRACT NO. 62R23				
ILLINOIS FED. AID PROJECT				

