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PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -

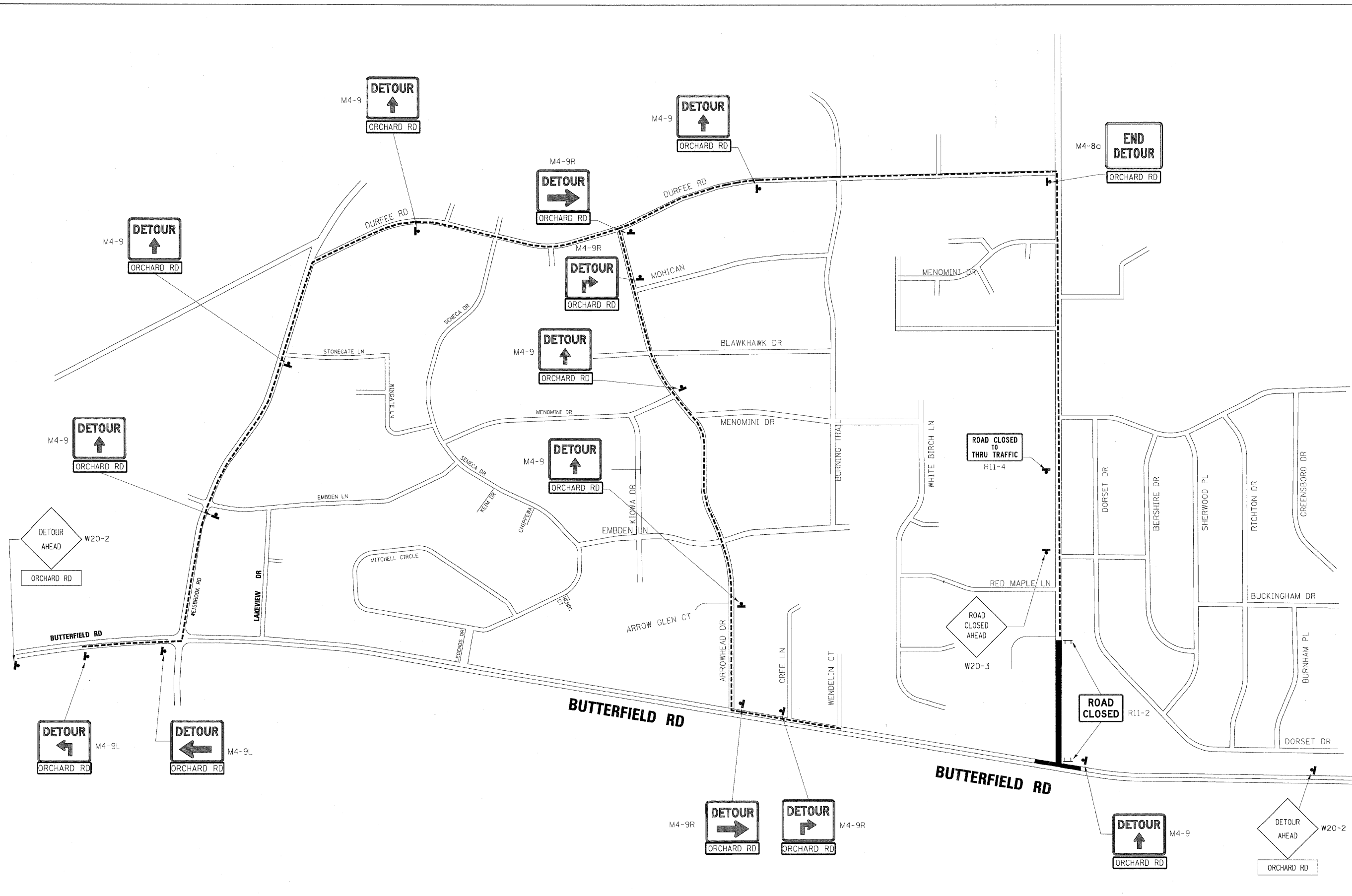
**benesch**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

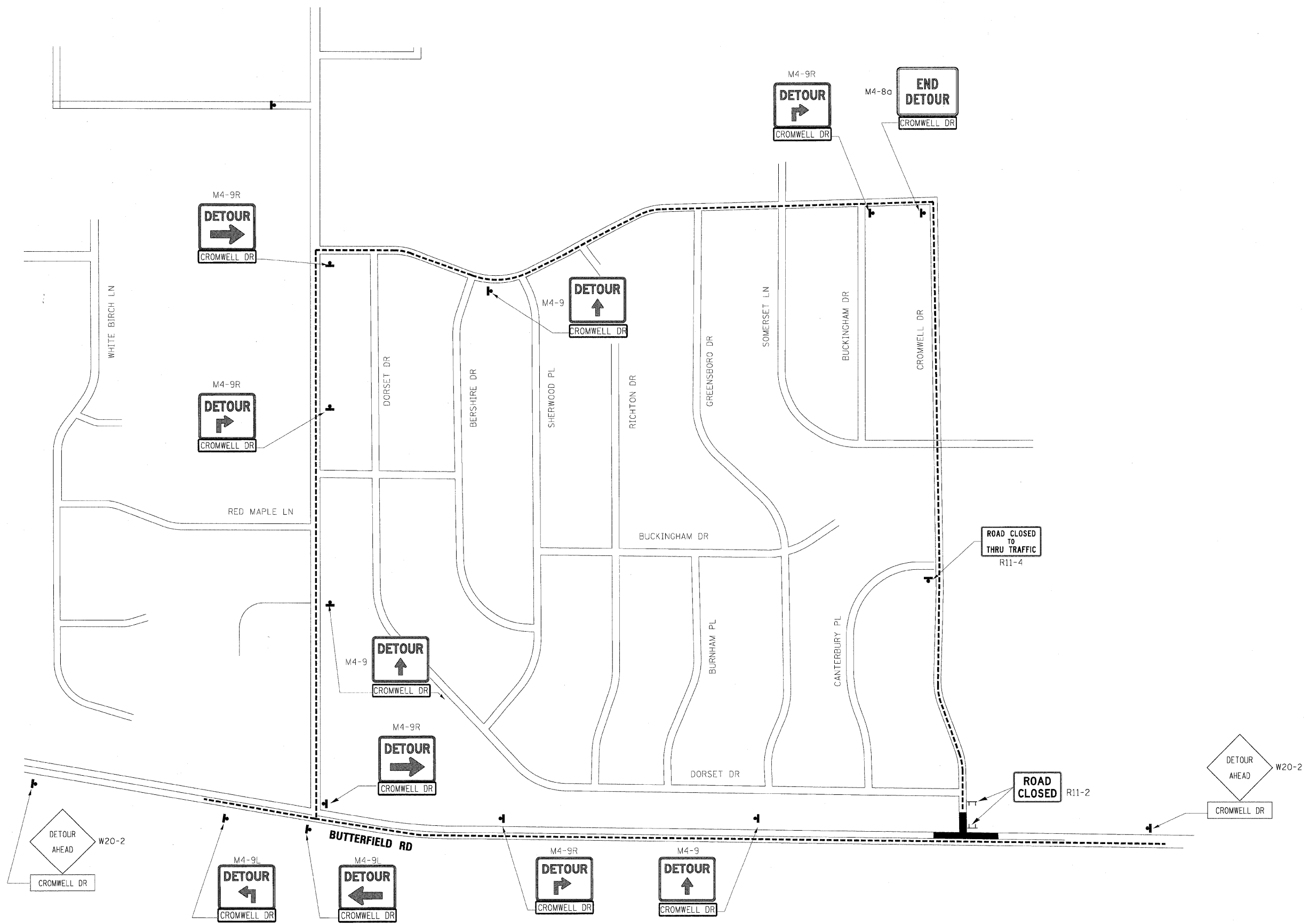
**DETOUR PLAN  
ARROWHEAD DR**

SCALE: X SHEET NO. 109 OF 112 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	201
CONTRACT NO. 62419				
ILLINOIS FED. AID PROJECT				



FILE NAME =	DESIGNED - AAA	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETOUR PLAN ORCHARD RD</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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USER NAME = tobjank	CHECKED - RMT	REVISED -			SCALE: SHEET NO. 110 OF 112 SHEETS STA. TO STA.		CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -									



FILE NAME =	DESIGNED - AAA	REVISED -
...N0162419-Detour-Plan-Cromwell-Dr.dgn	DRAWN - KWH	REVISED -
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PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -

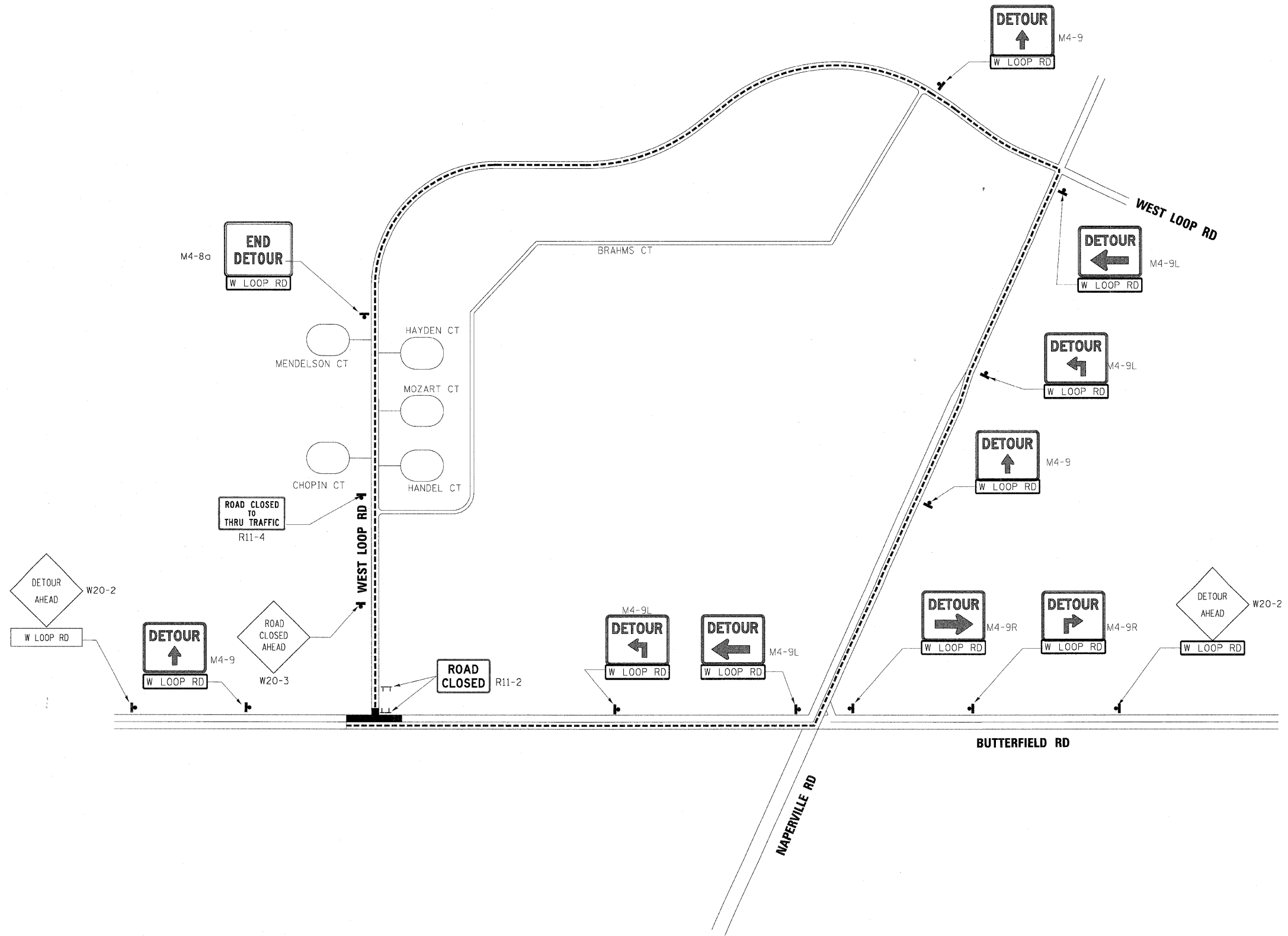
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
CROMWELL DR**

SCALE: SHEET NO. 111 OF 112 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	157 & 58/WRS-2	DUPAGE	681	203
				CONTRACT NO. 62419
ILLINOIS FED. AID PROJECT				



FILE NAME =	DESIGNED - AAA	REVISED -
...D162419-Detour-Plan-West-Loop.dgn	DRAWN - KWH	REVISED -
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PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -

**benesch**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
WEST LOOP RD**

SCALE: SHEET NO. 112 OF 112 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	204
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	



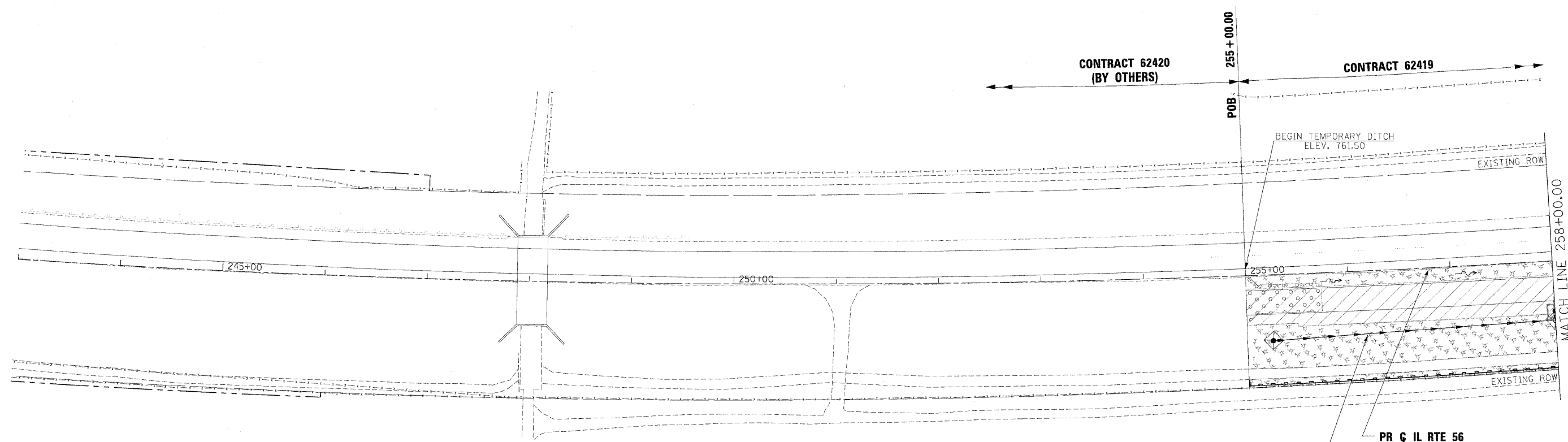
**KDSWCD STANDARD NOTES**

1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
2. THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
3. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
4. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
5. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
6. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
7. IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.

**GENERAL NOTES**

1. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. PAYMENT FOR THIS WORK WILL BE INCLUDED WITHIN THE ITEM CONSTRUCTION LAYOUT, LS. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR REVISED CONSTRUCTION LIMITS.
2. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER.
3. TEMPORARY DITCH CHECKS SHALL BE ERECTED IN ALL TEMPORARY AND PERMANENT DITCHES. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT, LOCATION AND TYPE OF THE TEMPORARY DITCH CHECKS.
4. SEE DRAINAGE PLANS FOR STORM SEWER INFORMATION. REMOVAL OF EXISTING DRAINAGE ITEMS TO BE COORDINATED WITH STAGE 1 WORK.
5. THE EROSION AND SEDIMENT CONTROL PLANS SHALL BE COORDINATED WITH THE MAINTENANCE OF TRAFFIC SHEETS. THE SEQUENCE OF CONSTRUCTION SHALL BE CONSULTED BEFORE APPLYING EROSION AND SEDIMENT CONTROL MEASURES.
6. COMPLETED SLOPES (SECTIONS OF ROAD EMBANKMENT) SHALL BE SEEDED AND MULCHED AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. BY THE RESIDENT ENGINEER.
7. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
8. PERMANENT EROSION CONTROL MEASURES, PERMANENT SEEDING AND LANDSCAPING IS SHOWN ON THE EROSION AND SEDIMENT CONTROL AND LANDSCAPING PLANS. THE CONTRACTOR SHALL MAINTAIN TEMPORARY EROSION CONTROL MEASURES UNTIL PERMANENT LANDSCAPING SEEDING AND EROSION CONTROL MEASURES CAN BE PLACED.
9. THE CONTRACTOR SHALL PROTECT ALL WETLANDS ADJACENT TO THE RIGHT OF WAY WITH A DOUBLE LAYER OF PERIMETER EROSION BARRIER.
10. ALL STORM SEWER STRUCTURES SHALL BE BUILT TO THE PROPOSED RIM ELEVATIONS SPECIFIED IN THE STORM SEWER SCHEDULES UNLESS A TEMPORARY RIM IS INDICATED IN THE TEMPORARY EROSION CONTROL PLANS.
11. CONSTRUCTION ACTIVITIES AND INSPECTIONS SHALL COMPLY WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT.

FILE NAME =	DESIGNED - AAF	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY DRAINAGE AND EROSION CONTROL PLANS GENERAL NOTES</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...ND162419-shv-EC-01-GenNote.dgn	DRAWN - TMB	REVISED -					365	(57 & 58)WRS-2	DUPAGE	681	205
USER NAME = tblank	CHECKED - RMT	REVISED -					CONTRACT NO. 62419				
PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -					ILLINOIS FED. AID PROJECT				
					SCALE: N.T.S.	SHEET NO. 1	OF 36 SHEETS	STA.	TO STA.		



**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- ▨ WETLAND
- ⌒ CULVERT INLET PROTECTION - STONE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊞ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**  
 ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

FILE NAME =	DESIGNED - AAF	REVISED -
... \0162419-sh1-EC-02-L-56.staging1-01.dgn	DRAWN - TMB	REVISED -
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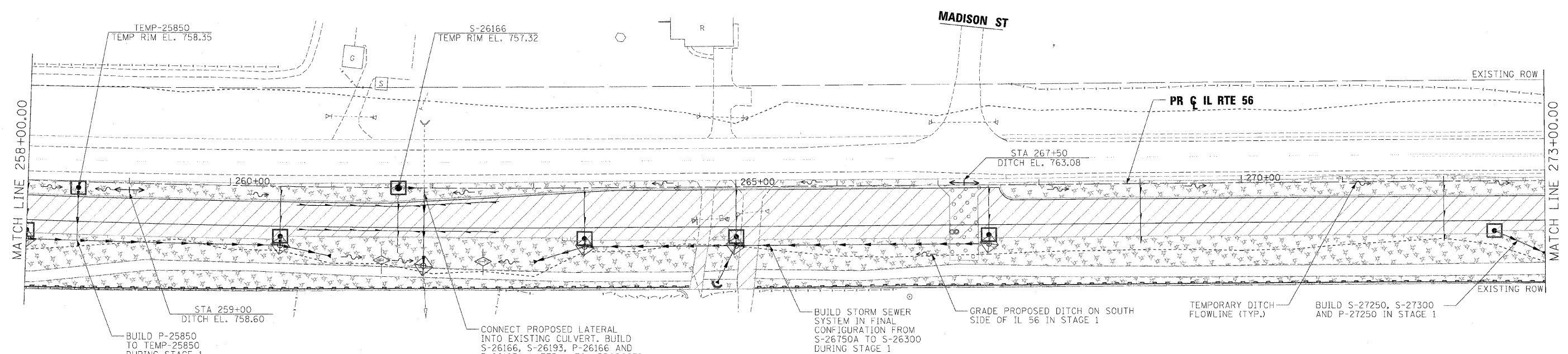
**benesch**

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
 STAGE 1**

SCALE: 1"=50' SHEET NO. 2 OF 36 SHEETS STA. POB TO STA. 258+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	206
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	



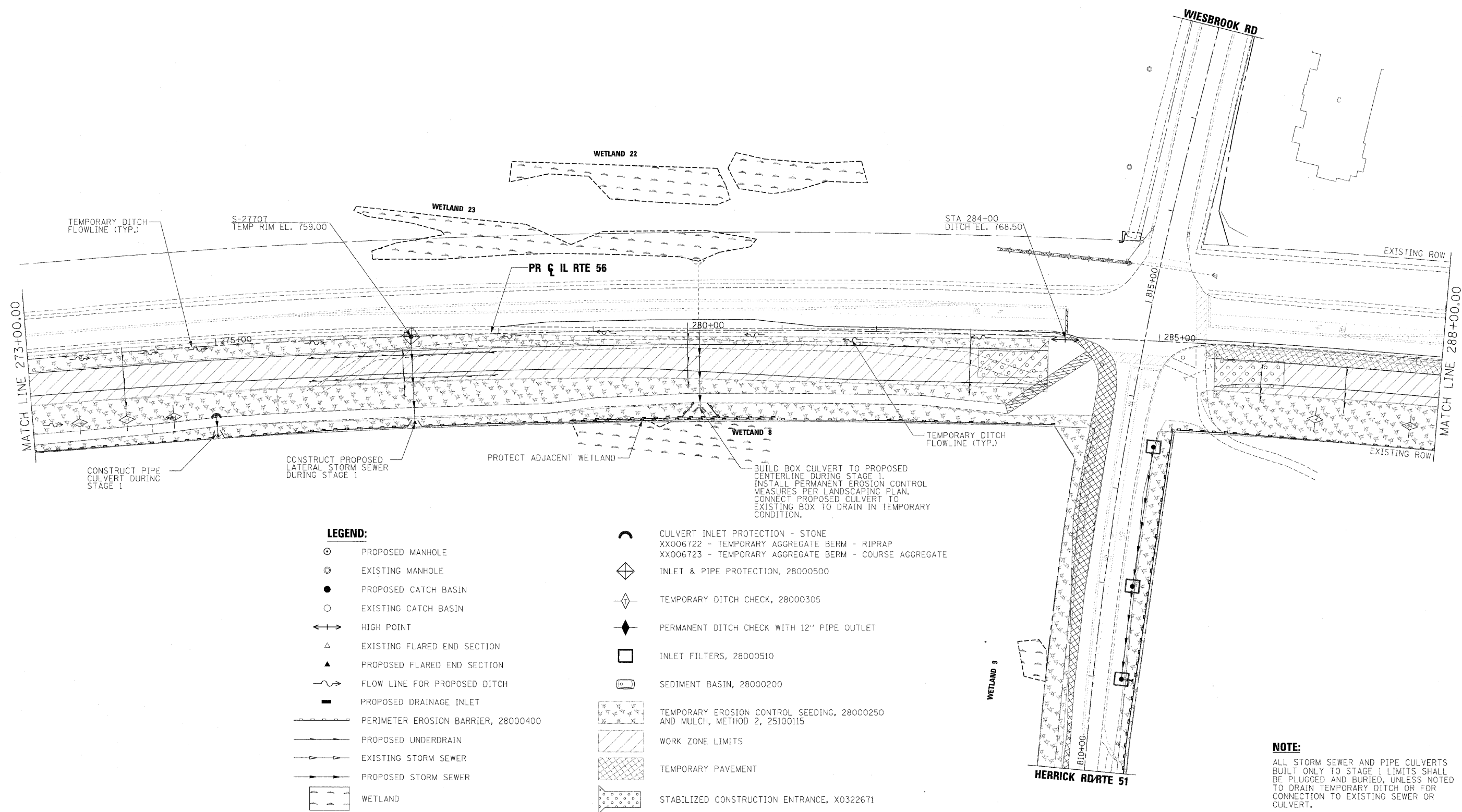
CONNECT PROPOSED LATERAL INTO EXISTING CULVERT. BUILD S-26166, S-26193, P-26166 AND P-26193A LATERAL TO PROPOSED CENTERLINE DURING STAGE 1  
SEE TEMPORARY DRAINAGE SCHEDULE (TYP.)

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- WETLAND
- ⤴ CULVERT INLET PROTECTION - STONE  
XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP  
XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊞ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**  
ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

FILE NAME =	DESIGNED - AAF	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY DRAINAGE AND EROSION CONTROL PLANS STAGE 1</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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USER NAME = tbenk	CHECKED - RMT	REVISED -				CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -				SCALE: 1"=50'		SHEET NO. 3 OF 36 SHEETS		STA. 258+00 TO STA. 273+00		



**LEGEND:**

- PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⌒ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊖ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**  
ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

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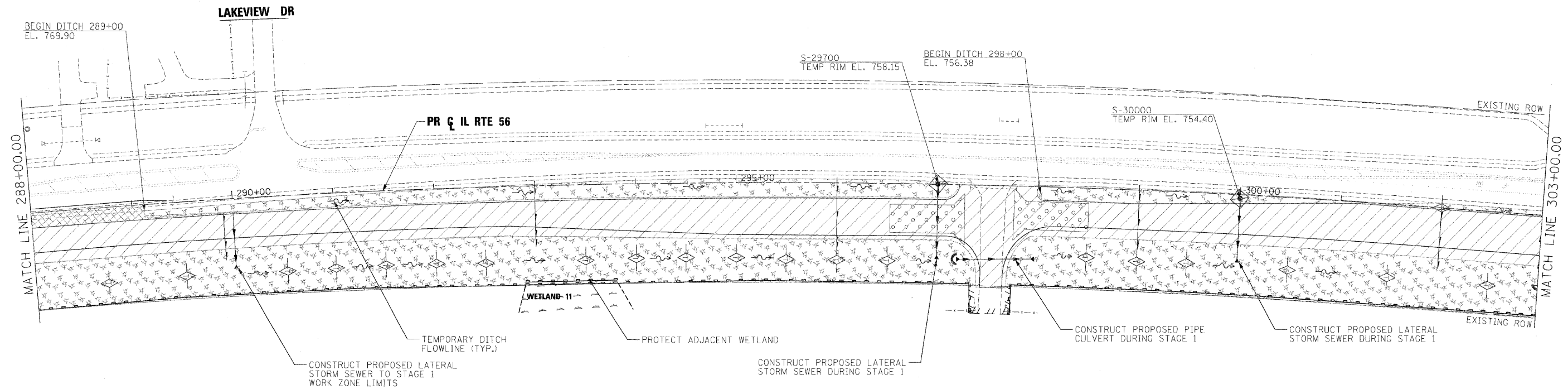
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 1**

SCALE: 1"=50' SHEET NO. 4 OF 36 SHEETS STA. 273+00 TO STA. 288+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	208
				CONTRACT NO. 62419
ILLINOIS FED. AID PROJECT				



TEMPORARY DITCH FLOWLINE (TYP.)

PROTECT ADJACENT WETLAND

CONSTRUCT PROPOSED LATERAL STORM SEWER DURING STAGE 1

CONSTRUCT PROPOSED PIPE CULVERT DURING STAGE 1

CONSTRUCT PROPOSED LATERAL STORM SEWER DURING STAGE 1

**LEGEND:**

- PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⤴ CULVERT INLET PROTECTION - STONE
- ⊕ XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- ⊕ XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ⊕ INLET & PIPE PROTECTION, 28000500
- ⊕ TEMPORARY DITCH CHECK, 28000305
- ⊕ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊕ SEDIMENT BASIN, 28000200
- ⊕ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**

ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

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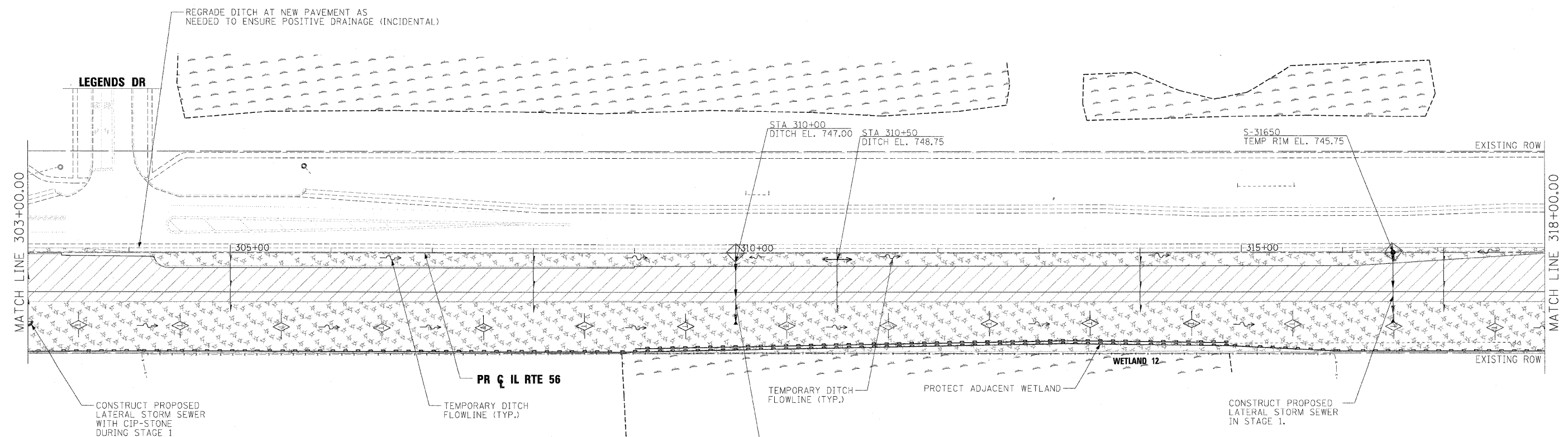
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 1**

SCALE: 1"=50' SHEET NO. 5 OF 36 SHEETS STA. 288+00 TO STA. 303+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	209
			CONTRACT NO. 62419	
ILLINOIS FED. AID PROJECT				



**LEGEND:**

- PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⌒ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ▭ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**

ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

FILE NAME =	DESIGNED - AAF	REVISED -
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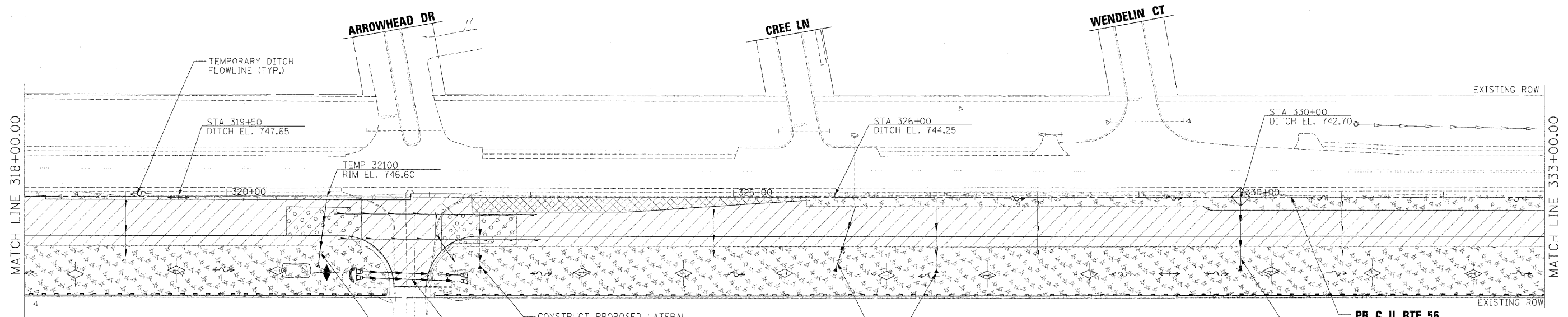
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 1

SCALE: 1"=50'    SHEET NO. 6 OF 36 SHEETS    STA. 303+00 TO STA. 318+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	210
CONTRACT NO. 62419				
ILLINOIS FED. AID PROJECT				



CONSTRUCT PROPOSED LATERAL STORM SEWER TO WORK ZONE LIMITS DURING STAGE 1

CONSTRUCT PROPOSED PIPE CULVERT DURING STAGE 1

CONSTRUCT PROPOSED LATERAL STORM SEWER TO WORK ZONE LIMITS DURING STAGE 1

CONSTRUCT PROPOSED CULVERT TO STAGE 1 WORK ZONE LIMITS AND CONNECT TO EXISTING CULVERT

CONSTRUCT PROPOSED LATERAL STORM SEWER TO STAGE 1 WORK ZONE LIMITS

CONSTRUCT PROPOSED LATERAL STORM SEWER TO STAGE 1 WORK ZONE LIMITS TO DRAIN TEMPORARY DITCH

**LEGEND:**

- PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⌒ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- Ⓞ SEDIMENT BASIN, 28000200
- TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- WORK ZONE LIMITS
- TEMPORARY PAVEMENT
- STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**

ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

FILE NAME =	DESIGNED - AAF	REVISED -
...\\0162419-ah-EC-27-IL56.staging1-26.dgn	DRAWN - TMB	REVISED -
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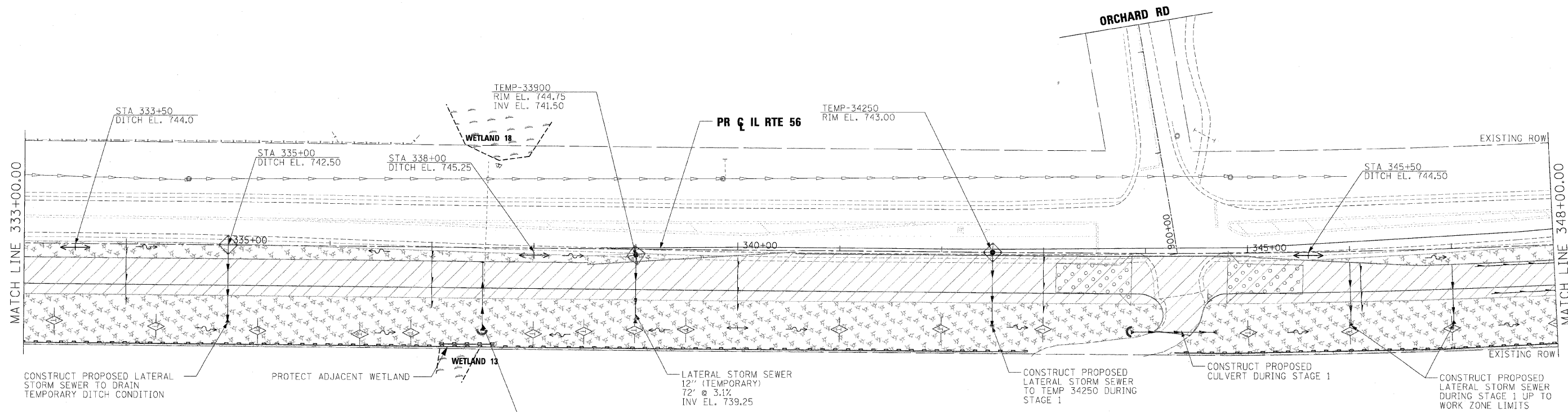
**benesch**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 1**

SCALE: 1"=50' SHEET NO. 7 OF 36 SHEETS STA. 318+00 TO STA. 333+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	157 & 581WRS-2	DUPAGE	681	211
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62419	



CONSTRUCT PROPOSED PIPE CULVERT TO STAGE 1 WORK ZONE LIMITS. CONSTRUCT PERMANENT EROSION CONTROL MEASURES PER LANDSCAPING PLANS. CONNECT TO EXISTING PIPE.

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⤴ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ▭ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**  
ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

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PLT DATE = 12/7/2010	DATE - 12/6/10	REVISED -

**benesch**

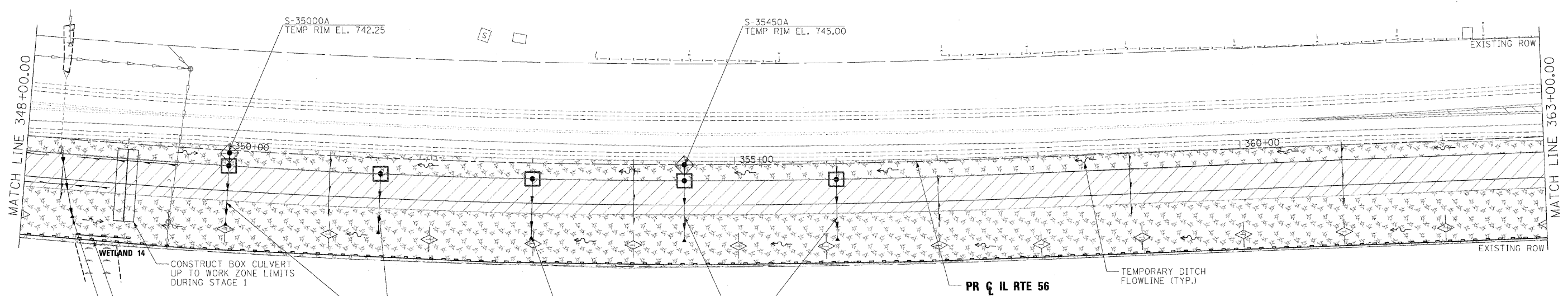
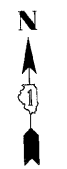
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 1**

SCALE: 1"=50' SHEET NO. 8 OF 36 SHEETS STA. 333+00 TO STA. 348+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	212
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	





WETLAND 14  
 PROTECT ADJACENT WETLAND  
 CONSTRUCT 36" CULVERT P-34850 EXTENDED TO CONNECT TO EXISTING CULVERT IN STAGE 1 CONDITION INV. EL. 737.84 AT S-34850B, INV. EL. 738.0± AT TEMPORARY CONNECTION

CONSTRUCT PROPOSED LATERAL STORM SEWER DURING STAGE 1  
 CONSTRUCT PROPOSED LATERAL STORM SEWER DURING STAGE 1  
 CONSTRUCT PROPOSED LATERAL STORM SEWER DURING STAGE 1

PR & IL RTE 56  
 TEMPORARY DITCH FLOWLINE (TYP.)

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- WETLAND
- ⤴ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ⊕ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊖ SEDIMENT BASIN, 28000200
- TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- WORK ZONE LIMITS
- TEMPORARY PAVEMENT
- STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**  
 ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

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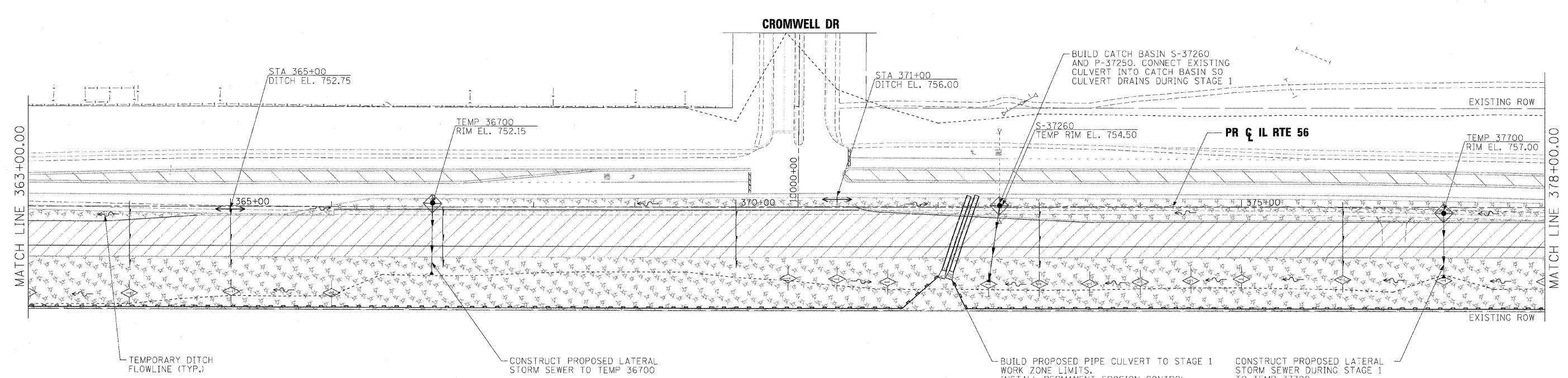
**benesch**

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
 STAGE 1**

SCALE: 1"=50' SHEET NO. 9 OF 36 SHEETS STA. 348+00 TO STA. 363+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	213
CONTRACT NO. 62419				ILLINOIS FED. AID PROJECT



**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- WETLAND
- ⌒ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊞ SEDIMENT BASIN, 28000200
- TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- WORK ZONE LIMITS
- TEMPORARY PAVEMENT
- STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**  
ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

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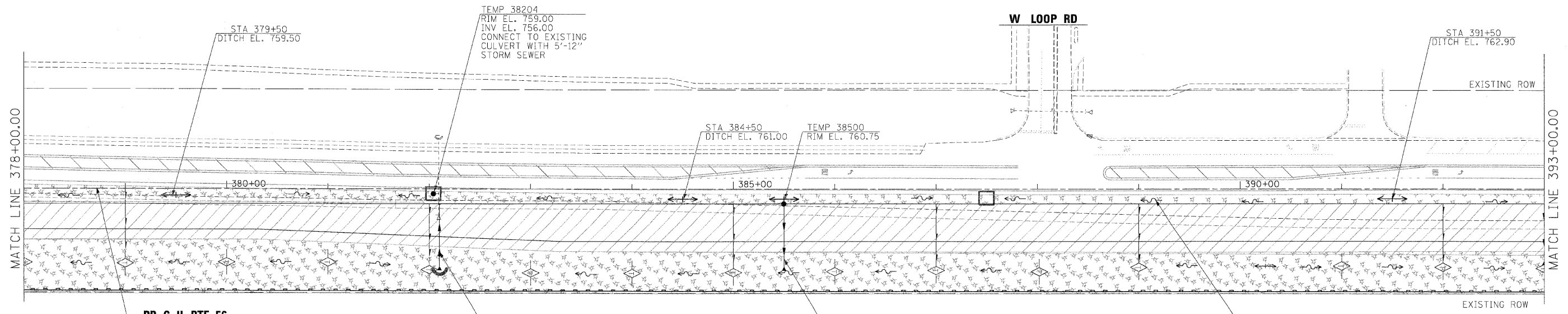
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 1

SCALE: 1"=50'    SHEET NO.10 OF 36 SHEETS    STA. 363+00 TO STA. 378+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	214
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	



TEMP 38204  
RIM EL. 759.00  
INV EL. 756.00  
CONNECT TO EXISTING  
CULVERT WITH 5'-12"  
STORM SEWER

W LOOP RD

STA 391+50  
DITCH EL. 762.90

STA 384+50  
DITCH EL. 761.00

TEMP 38500  
RIM EL. 760.75

STA 379+50  
DITCH EL. 759.50

MATCH LINE 378+00.00

MATCH LINE 393+00.00

PR & IL RTE 56

CONSTRUCT PROPOSED LATERAL  
STORM SEWER DURING STAGE 1  
CONNECT TO EXISTING CULVERT

CONSTRUCT PROPOSED LATERAL  
STORM SEWER DURING STAGE 1  
TO WORK ZONE LIMITS

TEMPORARY DITCH  
FLOWLINE (TYP.)

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- ▨ WETLAND
- ⤿ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ▭ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**

ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

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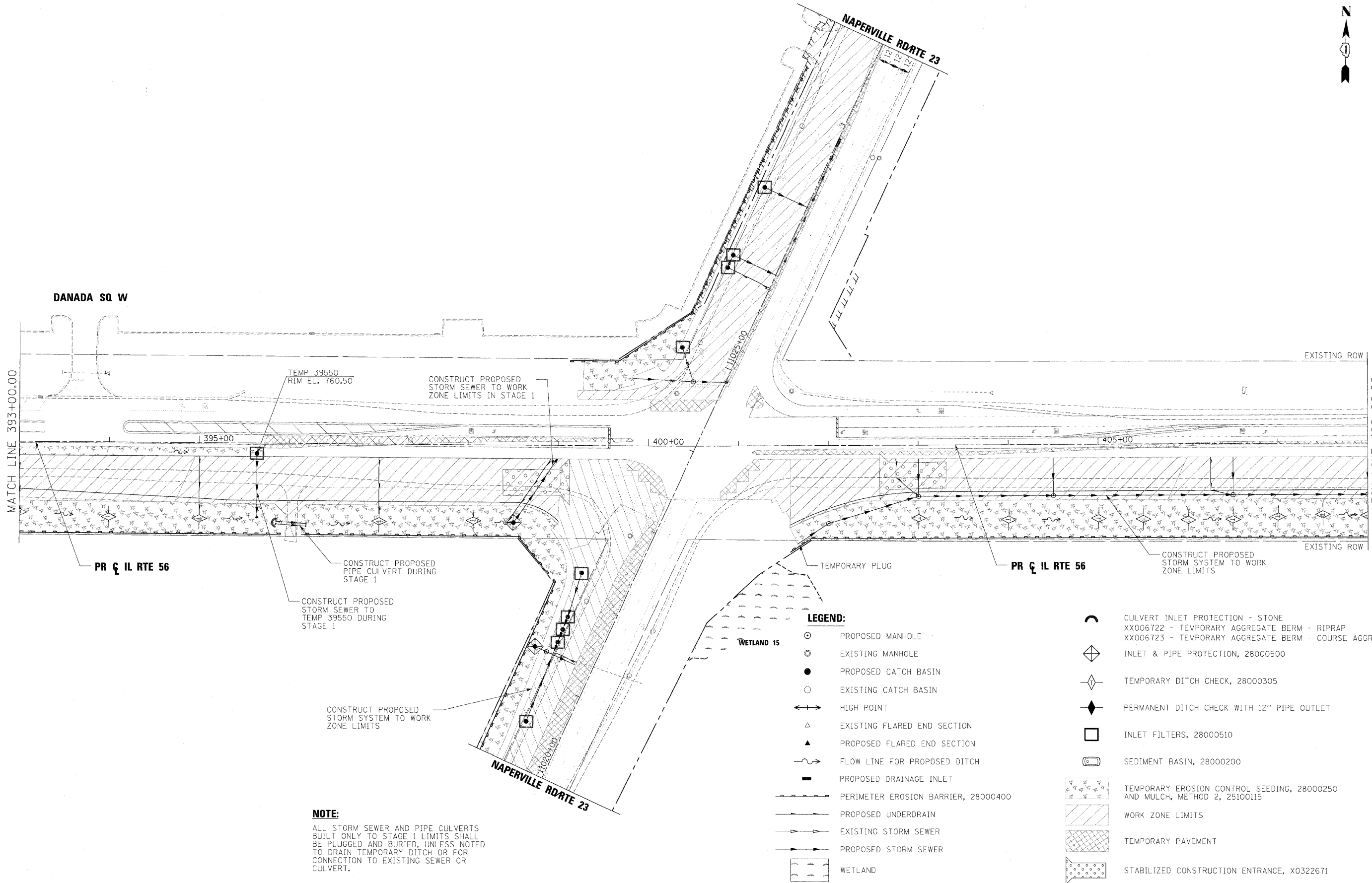
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 1**

SCALE: 1"=50' SHEET NO. 11 OF 36 SHEETS STA. 378+00 TO STA. 393+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	215
				CONTRACT NO. 62419
ILLINOIS FED. AID PROJECT				



**NOTE:**  
 ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- WETLAND 15
- ⤴ CULVERT INLET PROTECTION - STONE XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- ⤴ XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊞ SEDIMENT BASIN, 28000200
- ⊞ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ⊞ STABILIZED CONSTRUCTION ENTRANCE, X0322671

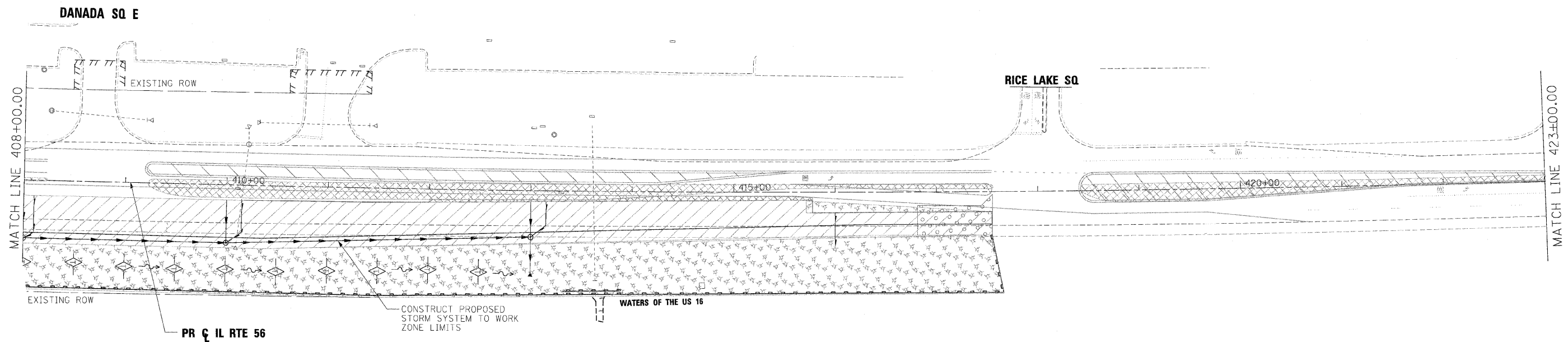
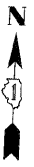
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY DRAINAGE AND EROSION CONTROL PLANS    STAGE 1</b>		
SCALE: 1"=50'	SHEET NO. 12 OF 36 SHEETS	STA. 393+00 TO STA. 408+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	216
			CONTRACT NO. 62419	
ILLINOIS FED. AID PROJECT				



**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- ▭ WETLAND
- ⌒ CULVERT INLET PROTECTION - STONE  
XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP  
XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊞ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250  
AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**

ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

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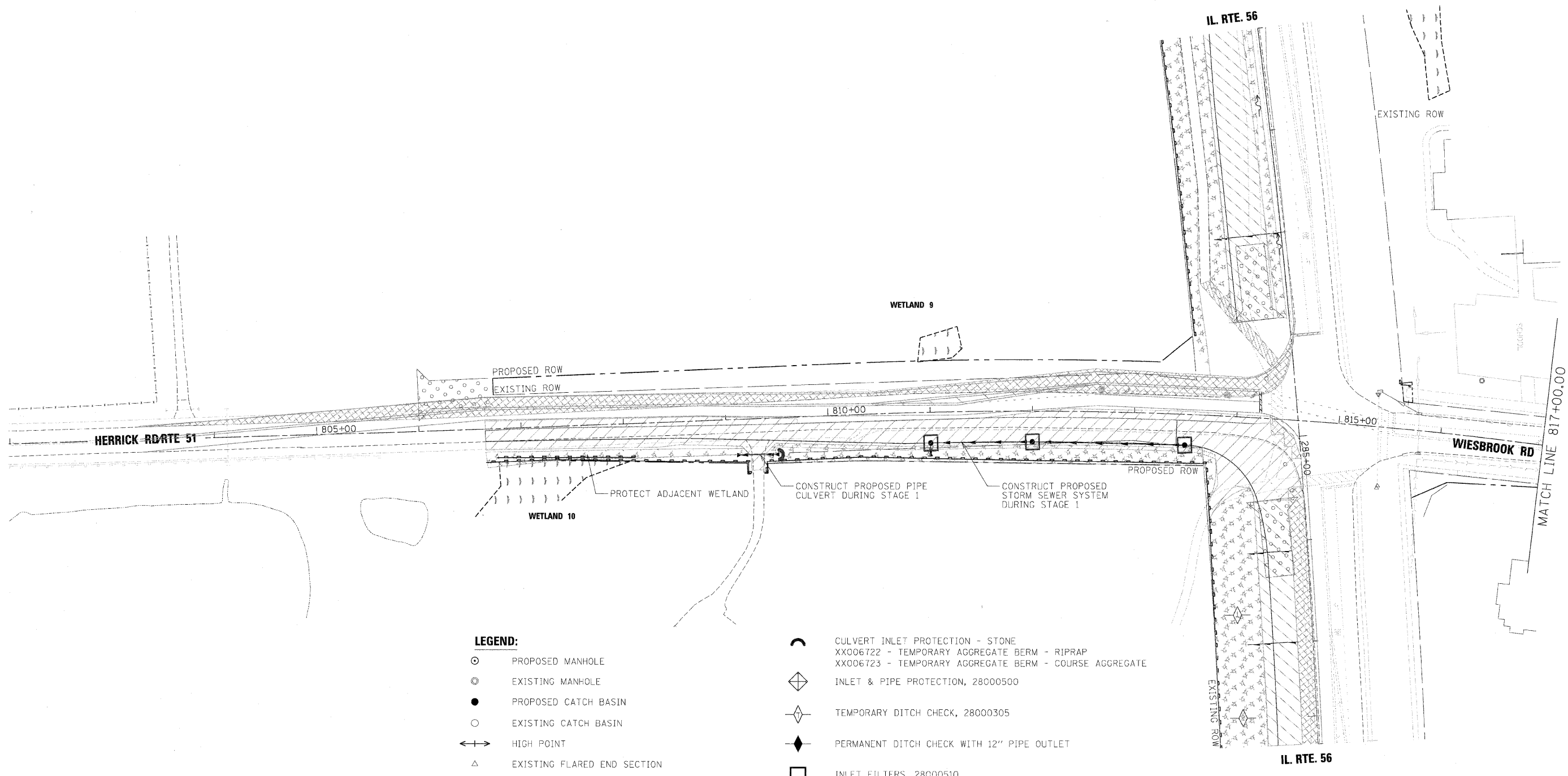
**benesch**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 1**

SCALE: 1"=50' SHEET NO.13 OF 36 SHEETS STA. 408+00 TO STA. POE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	217
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	



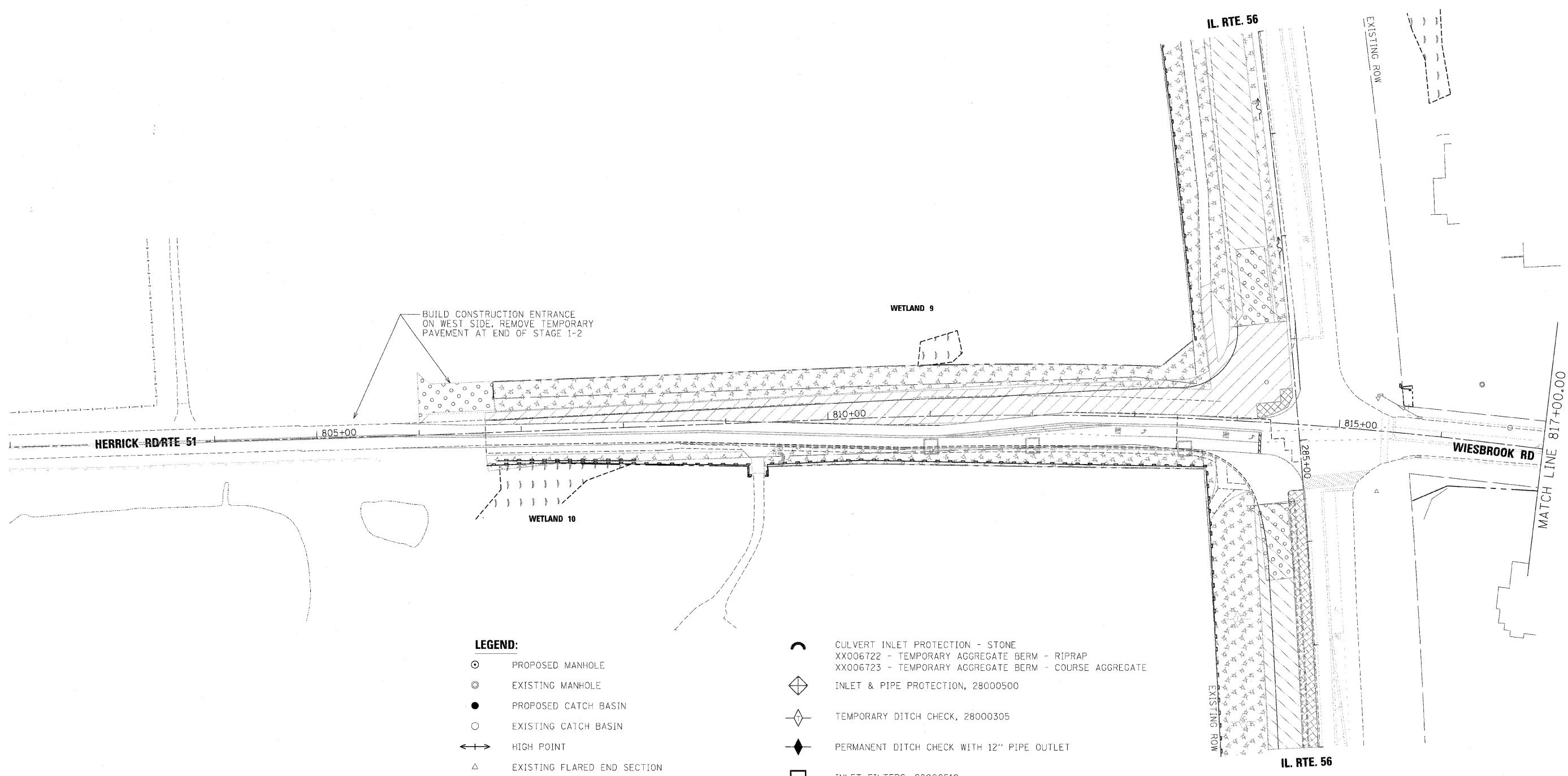
**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- WETLAND
- ⌒ CULVERT INLET PROTECTION - STONE  
XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP  
XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊕ SEDIMENT BASIN, 28000200
- TEMPORARY EROSION CONTROL SEEDING, 28000250  
AND MULCH, METHOD 2, 25100115
- WORK ZONE LIMITS
- TEMPORARY PAVEMENT
- STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**

ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED FOR CONNECTION TO EXISTING SEWER OR CULVERT.

FILE NAME =	DESIGNED - AAF	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY DRAINAGE AND EROSION CONTROL PLANS STAGE 1-1</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLT DATE = 12/7/2010	DATE - 12/6/10	REVISED -				SCALE: 1"=50'		SHEET NO.14 OF 36 SHEETS		STA. POB TO STA. 817+00



BUILD CONSTRUCTION ENTRANCE ON WEST SIDE. REMOVE TEMPORARY PAVEMENT AT END OF STAGE 1-2

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⤿ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊕ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**  
ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED TO DRAIN TEMPORARY DITCH OR FOR CONNECTION TO EXISTING SEWER OR CULVERT.

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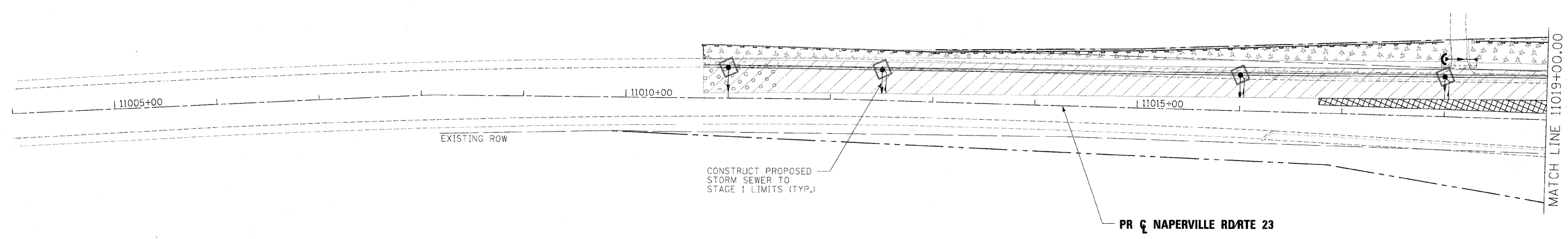
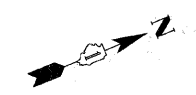
**benesch**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 1-2

SCALE: 1"=50' SHEET NO.15 OF 36 SHEETS STA. POB TO STA. 817+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	219
CONTRACT NO. 62419				ILLINOIS FED. AID PROJECT



**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⤵ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
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- TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- WORK ZONE LIMITS
- TEMPORARY PAVEMENT
- STABILIZED CONSTRUCTION ENTRANCE, X0322671

**NOTE:**

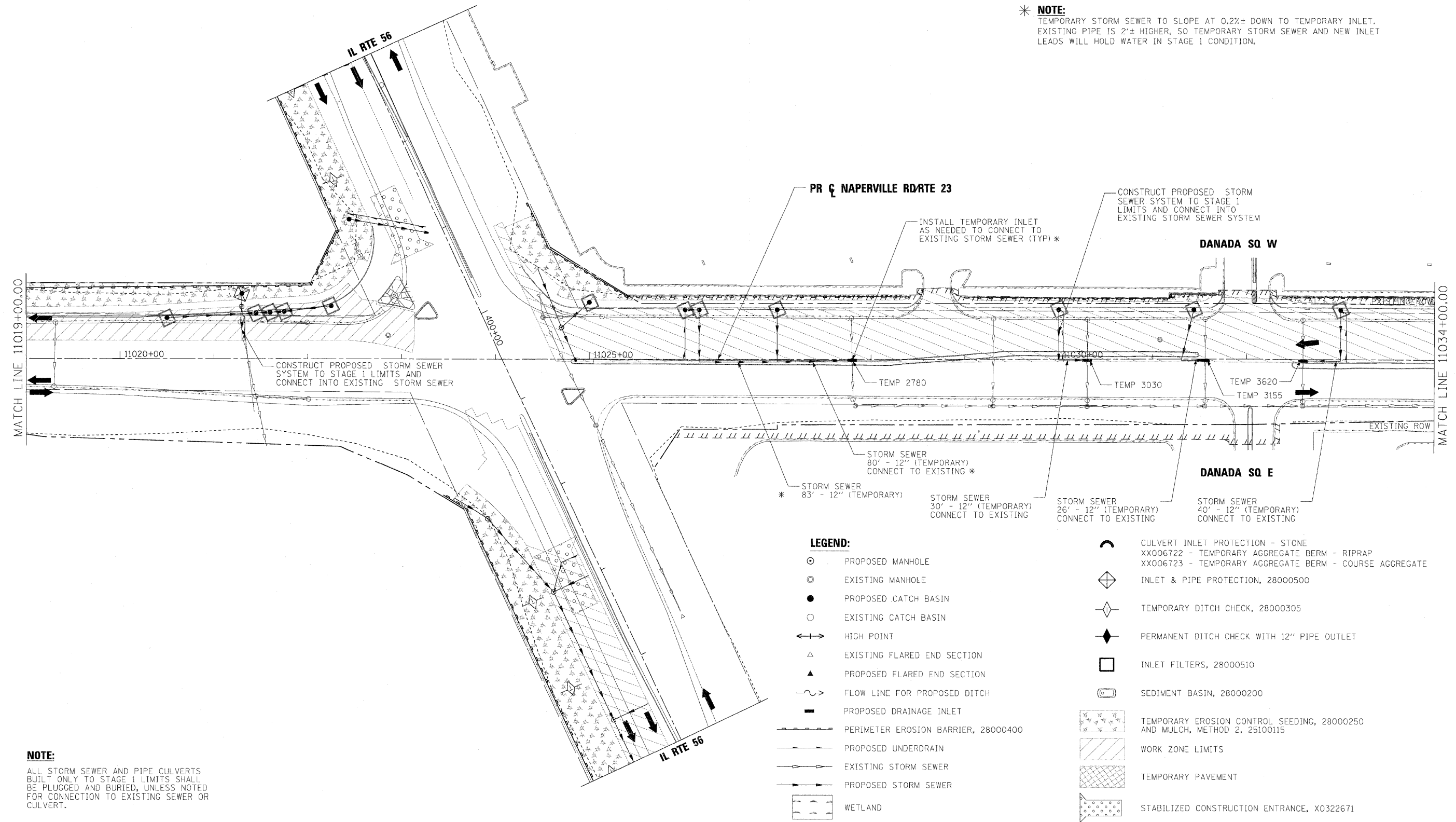
ALL STORM SEWER AND PIPE CULVERTS BUILT ONLY TO STAGE 1 LIMITS SHALL BE PLUGGED AND BURIED, UNLESS NOTED FOR CONNECTION TO EXISTING SEWER OR CULVERT.

FILE NAME =	DESIGNED - AAF	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY DRAINAGE AND EROSION CONTROL PLANS STAGE 1</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -			ILLINOIS FED. AID PROJECT							





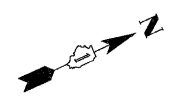
\* **NOTE:**  
 TEMPORARY STORM SEWER TO SLOPE AT 0.2%± DOWN TO TEMPORARY INLET.  
 EXISTING PIPE IS 2'± HIGHER, SO TEMPORARY STORM SEWER AND NEW INLET  
 LEADS WILL HOLD WATER IN STAGE 1 CONDITION.



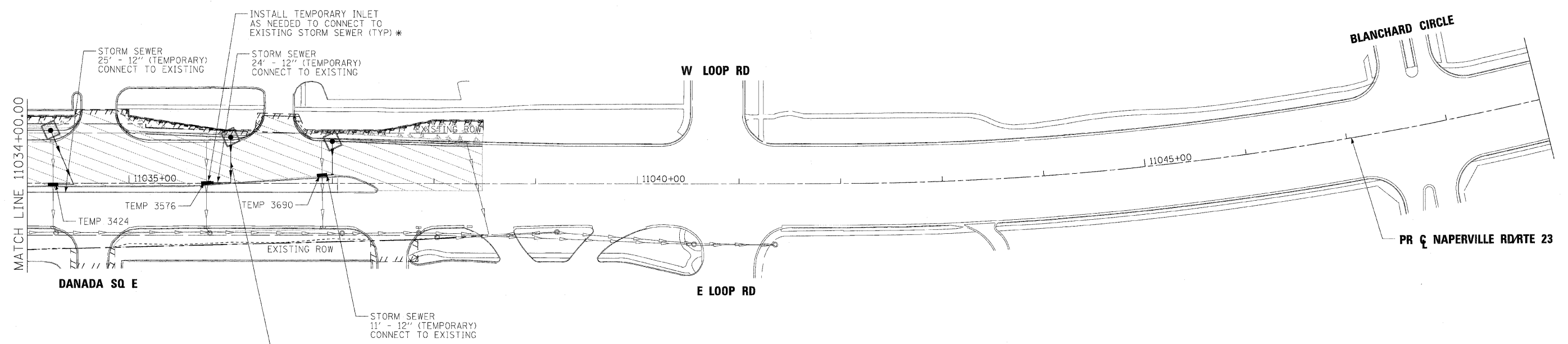
**NOTE:**  
 ALL STORM SEWER AND PIPE CULVERTS  
 BUILT ONLY TO STAGE 1 LIMITS SHALL  
 BE PLUGGED AND BURIED, UNLESS NOTED  
 FOR CONNECTION TO EXISTING SEWER OR  
 CULVERT.

- LEGEND:**
- ⊙ PROPOSED MANHOLE
  - ⊙ EXISTING MANHOLE
  - PROPOSED CATCH BASIN
  - EXISTING CATCH BASIN
  - ↔ HIGH POINT
  - △ EXISTING FLARED END SECTION
  - ▲ PROPOSED FLARED END SECTION
  - ~ FLOW LINE FOR PROPOSED DITCH
  - PROPOSED DRAINAGE INLET
  - ▬ PERIMETER EROSION BARRIER, 28000400
  - ▬ PROPOSED UNDERDRAIN
  - ▬ EXISTING STORM SEWER
  - ▬ PROPOSED STORM SEWER
  - ▬ WETLAND
  - ⌒ CULVERT INLET PROTECTION - STONE
  - XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
  - XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
  - ◇ INLET & PIPE PROTECTION, 28000500
  - ◇ TEMPORARY DITCH CHECK, 28000305
  - ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
  - INLET FILTERS, 28000510
  - ⊕ SEDIMENT BASIN, 28000200
  - TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
  - WORK ZONE LIMITS
  - TEMPORARY PAVEMENT
  - STABILIZED CONSTRUCTION ENTRANCE, X0322671

FILE NAME =	DESIGNED - AAF	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY DRAINAGE AND EROSION CONTROL PLANS STAGE 1</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...ND162419-sh1-EC-18-MAP.staging1-1-19.dgn	DRAWN - TMB	REVISED -						365	(57 & 58)WRS-2	DUPAGE	681	221
USER NAME = tblank	CHECKED - RMT	REVISED -						CONTRACT NO. 62419				
PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -						ILLINOIS FED. AID PROJECT				
				SCALE: 1"=50'			SHEET NO. 17 OF 36 SHEETS		STA. 11019+00 TO STA. 11034+00			



\* **NOTE:**  
 TEMPORARY STORM SEWER TO SLOPE AT 0.2%± DOWN TO TEMPORARY INLET.  
 EXISTING PIPE IS 2'± HIGHER, SO TEMPORARY STORM SEWER AND NEW INLET  
 LEADS WILL HOLD WATER IN STAGE 1 CONDITION.



**NOTE:**  
 ALL STORM SEWER AND PIPE CULVERTS  
 BUILT ONLY TO STAGE 1 LIMITS SHALL  
 BE PLUGGED AND BURIED, UNLESS NOTED  
 FOR CONNECTION TO EXISTING SEWER OR  
 CULVERT.

- LEGEND:**
- ⊙ PROPOSED MANHOLE
  - ⊙ EXISTING MANHOLE
  - PROPOSED CATCH BASIN
  - EXISTING CATCH BASIN
  - ↔ HIGH POINT
  - △ EXISTING FLARED END SECTION
  - ▲ PROPOSED FLARED END SECTION
  - ~ FLOW LINE FOR PROPOSED DITCH
  - PROPOSED DRAINAGE INLET
  - PERIMETER EROSION BARRIER, 28000400
  - PROPOSED UNDERDRAIN
  - EXISTING STORM SEWER
  - PROPOSED STORM SEWER
  - WETLAND
  - ⤵ CULVERT INLET PROTECTION - STONE
  - XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
  - XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
  - ◇ INLET & PIPE PROTECTION, 28000500
  - ◇ TEMPORARY DITCH CHECK, 28000305
  - ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
  - INLET FILTERS, 28000510
  - ⊞ SEDIMENT BASIN, 28000200
  - TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
  - WORK ZONE LIMITS
  - TEMPORARY PAVEMENT
  - STABILIZED CONSTRUCTION ENTRANCE, X0322671

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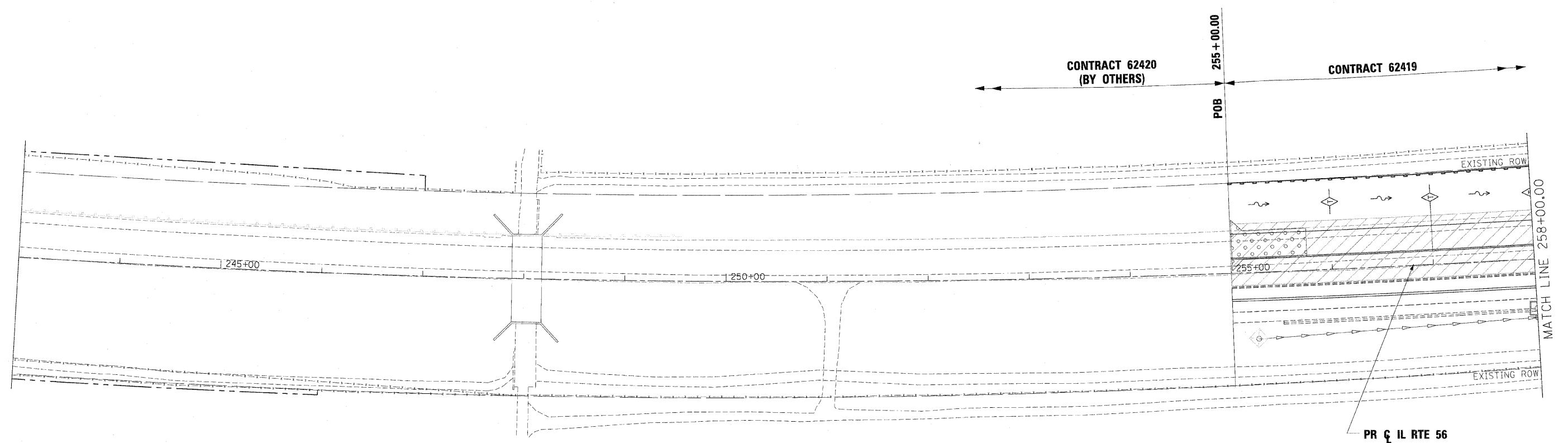
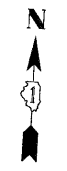
**benesch**

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
 STAGE 1**

SCALE: 1"=50'    SHEET NO.18 OF 36 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	222
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	



**NOTE:**  
 1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER  
 2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

- LEGEND:**
- ⊙ PROPOSED MANHOLE
  - ⊙ EXISTING MANHOLE
  - PROPOSED CATCH BASIN
  - EXISTING CATCH BASIN
  - ↔ HIGH POINT
  - △ EXISTING FLARED END SECTION
  - ▲ PROPOSED FLARED END SECTION
  - ~ FLOW LINE FOR PROPOSED DITCH
  - PROPOSED DRAINAGE INLET
  - PERIMETER EROSION BARRIER, 28000400
  - PROPOSED UNDERDRAIN
  - EXISTING STORM SEWER
  - PROPOSED STORM SEWER
  - ▭ WETLAND
  - ⤴ CULVERT INLET PROTECTION - STONE  
XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP  
XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
  - ◇ INLET & PIPE PROTECTION, 28000500
  - ◇ TEMPORARY DITCH CHECK, 28000305
  - ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
  - INLET FILTERS, 28000510
  - ⊕ SEDIMENT BASIN, 28000200
  - ⊕ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
  - ▨ WORK ZONE LIMITS
  - ▩ TEMPORARY PAVEMENT
  - ▩ STABILIZED CONSTRUCTION ENTRANCE, X0322671

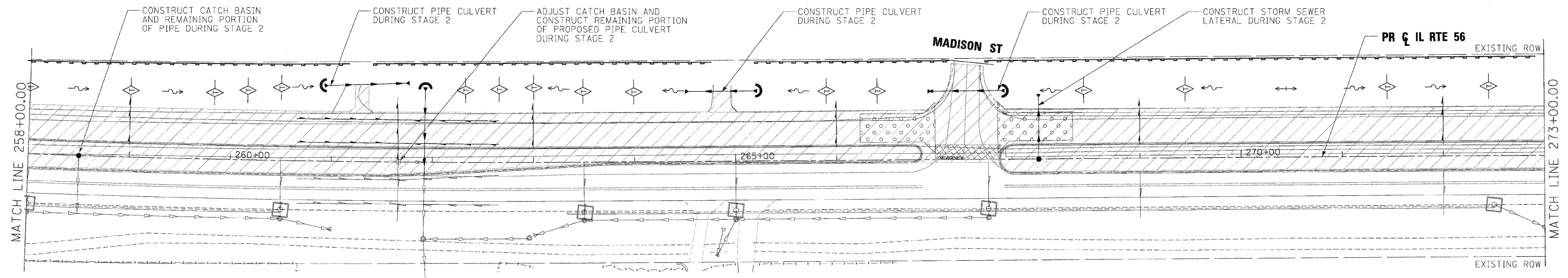
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PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -

**benesch**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**  
 SCALE: 1"=50' SHEET NO. 19 OF 36 SHEETS STA. POB TO STA. 258+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	223
				CONTRACT NO. 62419
ILLINOIS FED. AID PROJECT				



**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊖ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⌒ CULVERT INLET PROTECTION - STONE  
XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP  
XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊞ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

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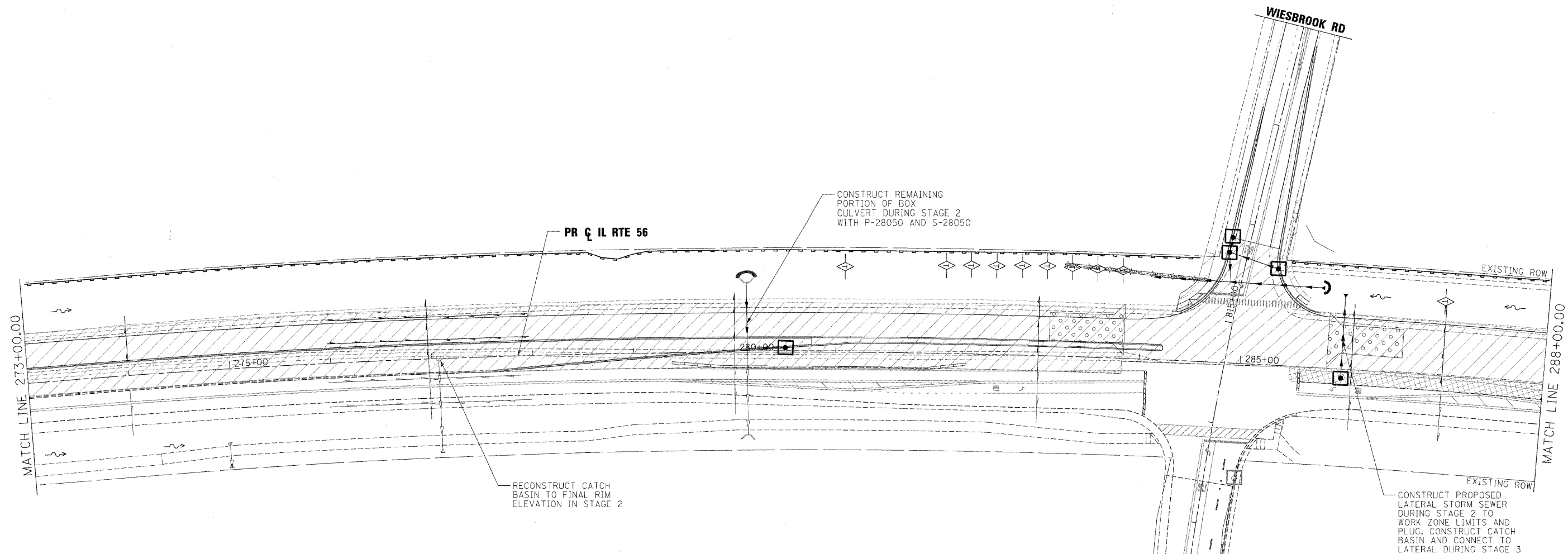
**benesch**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**

SCALE: 1"=50' SHEET NO.20 OF 36 SHEETS STA. 258+00 TO STA. 273+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	224
				CONTRACT NO. 62419
ILLINOIS FED. AID PROJECT				



**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

**LEGEND:**

- PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- ▭ WETLAND
- ⌣ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊕ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

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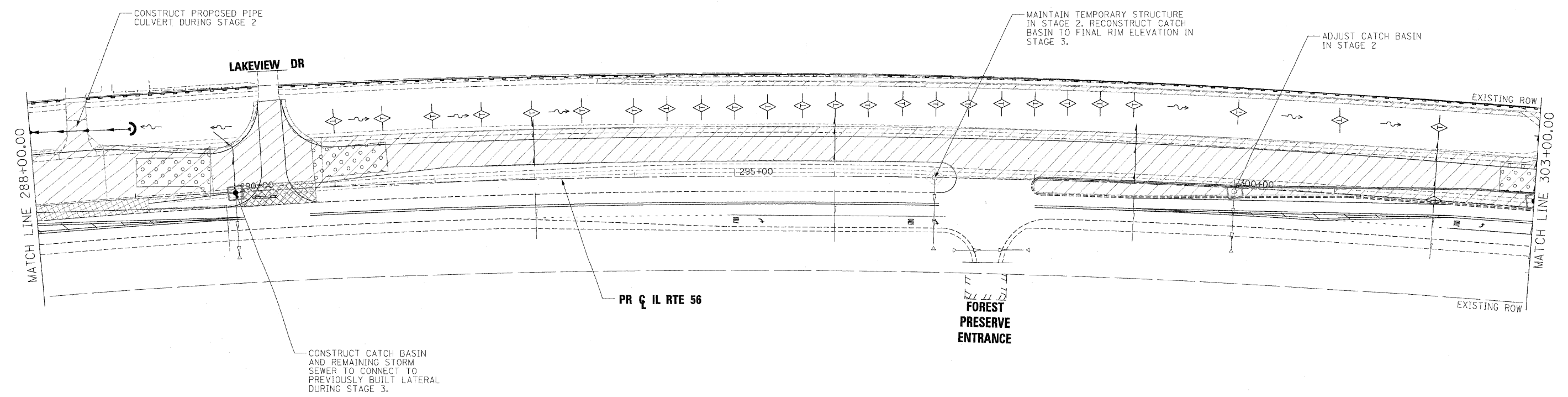
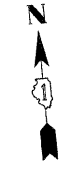
**benesch**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**

SCALE: 1"=50' SHEET NO.21 OF 36 SHEETS STA. 273+00 TO STA. 288+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	225
CONTRACT NO. 62419				ILLINOIS FED. AID PROJECT



**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- ▨ WETLAND
- ⤵ CULVERT INLET PROTECTION - STONE XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊖ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

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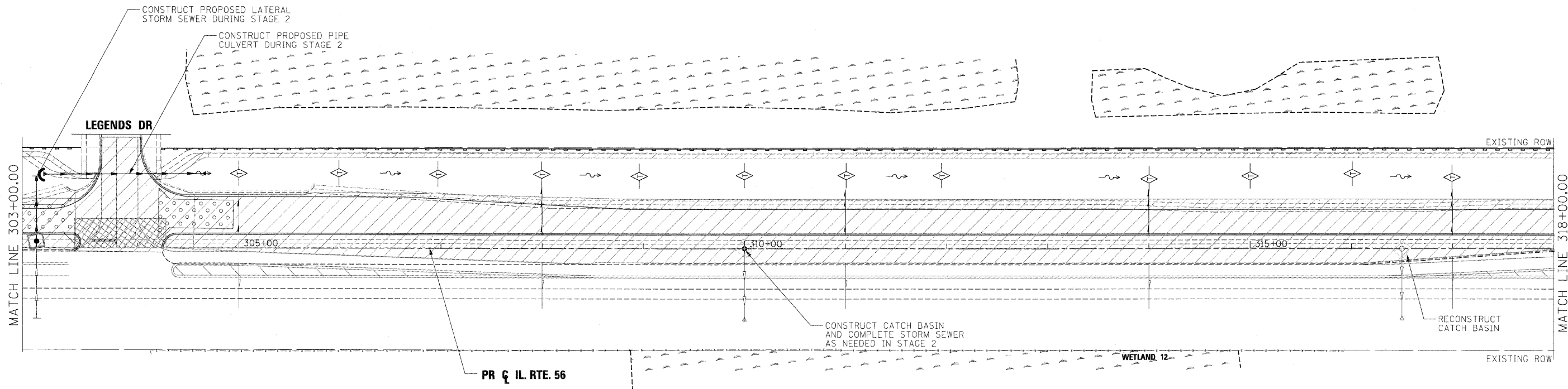
**benesch**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**

SCALE: 1"=50' SHEET NO. 22 OF 36 SHEETS STA. 288+00 TO STA. 303+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	226
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	

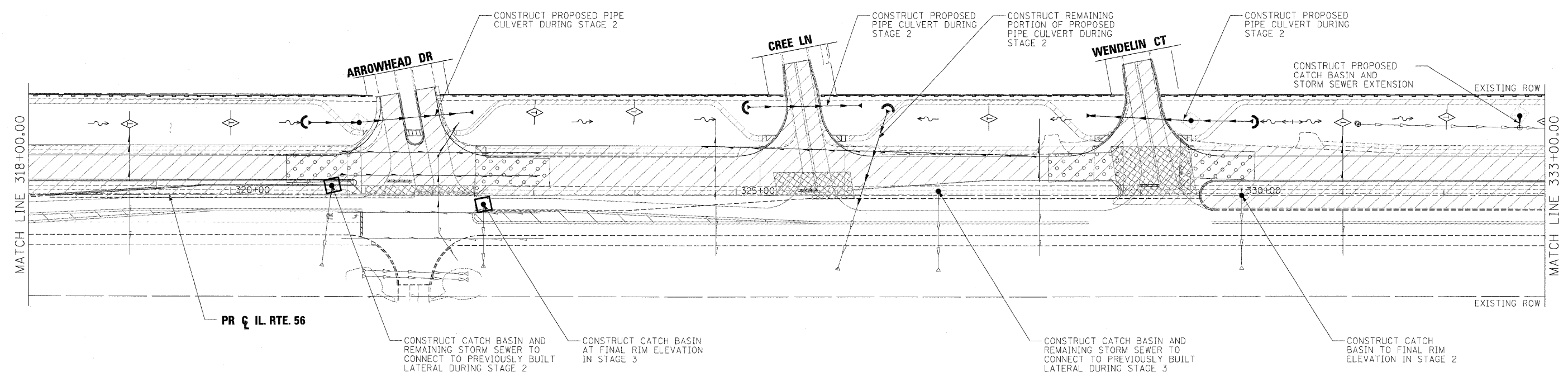


**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

- LEGEND:**
- ⊙ PROPOSED MANHOLE
  - ⊕ EXISTING MANHOLE
  - PROPOSED CATCH BASIN
  - EXISTING CATCH BASIN
  - ↔ HIGH POINT
  - △ EXISTING FLARED END SECTION
  - ▲ PROPOSED FLARED END SECTION
  - ~> FLOW LINE FOR PROPOSED DITCH
  - PROPOSED DRAINAGE INLET
  - PERIMETER EROSION BARRIER, 28000400
  - PROPOSED UNDERDRAIN
  - EXISTING STORM SEWER
  - PROPOSED STORM SEWER
  - ▨ WETLAND
  - ⌒ CULVERT INLET PROTECTION - STONE
  - XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
  - XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
  - ◇ INLET & PIPE PROTECTION, 28000500
  - ◇ TEMPORARY DITCH CHECK, 28000305
  - ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
  - INLET FILTERS, 28000510
  - ⊞ SEDIMENT BASIN, 28000200
  - ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
  - ▨ WORK ZONE LIMITS
  - ▨ TEMPORARY PAVEMENT
  - ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

FILE NAME =	DESIGNED - AAF	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY DRAINAGE AND EROSION CONTROL PLANS STAGE 2</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
...\\D162419-sht-EC-24-IL56_staging2-03.dgn	DRAWN - TMB	REVISED -			365	(57 & 58)WRS-2	DUPAGE	681	227				
USER NAME = tblank	CHECKED - RMT	REVISED -			SCALE: 1"=50'		SHEET NO.23 OF 36 SHEETS	STA. 303+00 TO STA. 318+00	CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -											



**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

- LEGEND:**
- ⊙ PROPOSED MANHOLE
  - ⊕ EXISTING MANHOLE
  - PROPOSED CATCH BASIN
  - EXISTING CATCH BASIN
  - ↔ HIGH POINT
  - △ EXISTING FLARED END SECTION
  - ▲ PROPOSED FLARED END SECTION
  - ~ FLOW LINE FOR PROPOSED DITCH
  - PROPOSED DRAINAGE INLET
  - ▬ PERIMETER EROSION BARRIER, 28000400
  - ▬ PROPOSED UNDERDRAIN
  - ▬ EXISTING STORM SEWER
  - ▬ PROPOSED STORM SEWER
  - ▬ WETLAND
  - ⌒ CULVERT INLET PROTECTION - STONE
  - XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
  - XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
  - ◇ INLET & PIPE PROTECTION, 28000500
  - ◇ TEMPORARY DITCH CHECK, 28000305
  - ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
  - INLET FILTERS, 28000510
  - ▭ SEDIMENT BASIN, 28000200
  - ▭ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
  - ▭ WORK ZONE LIMITS
  - ▭ TEMPORARY PAVEMENT
  - ▭ STABILIZED CONSTRUCTION ENTRANCE, X0322671

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**benesch**

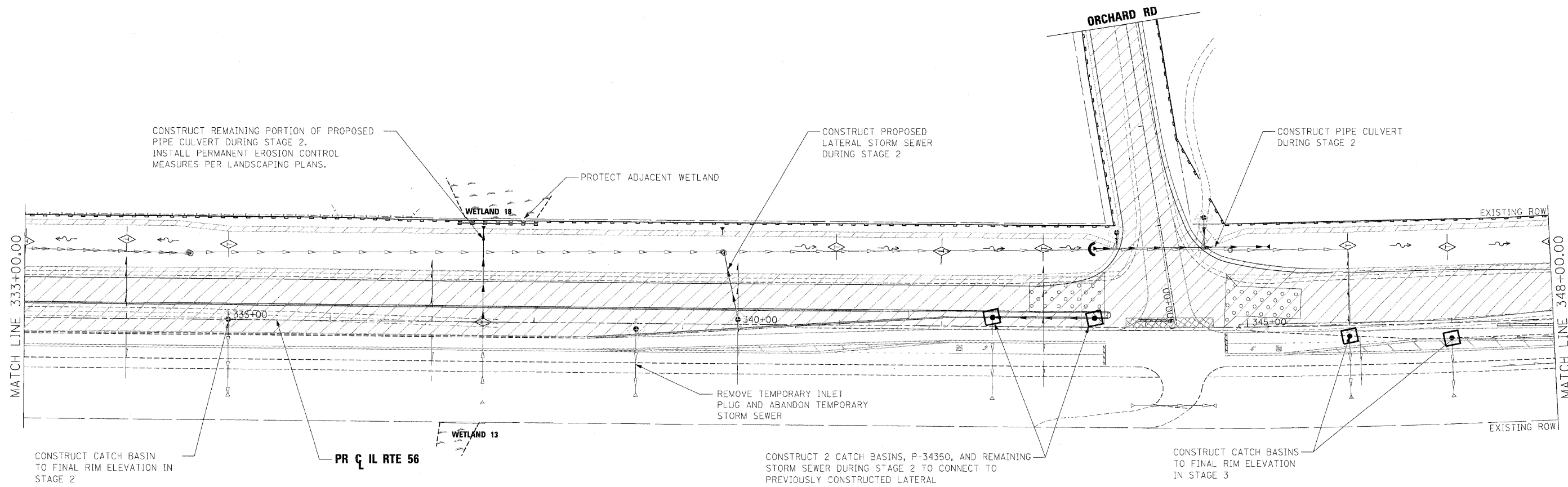
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**

SCALE: 1"=50'    SHEET NO.24 OF 36 SHEETS    STA. 318+00 TO STA. 333+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	157 & 58/WRS-2	DUPAGE	681	228
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	



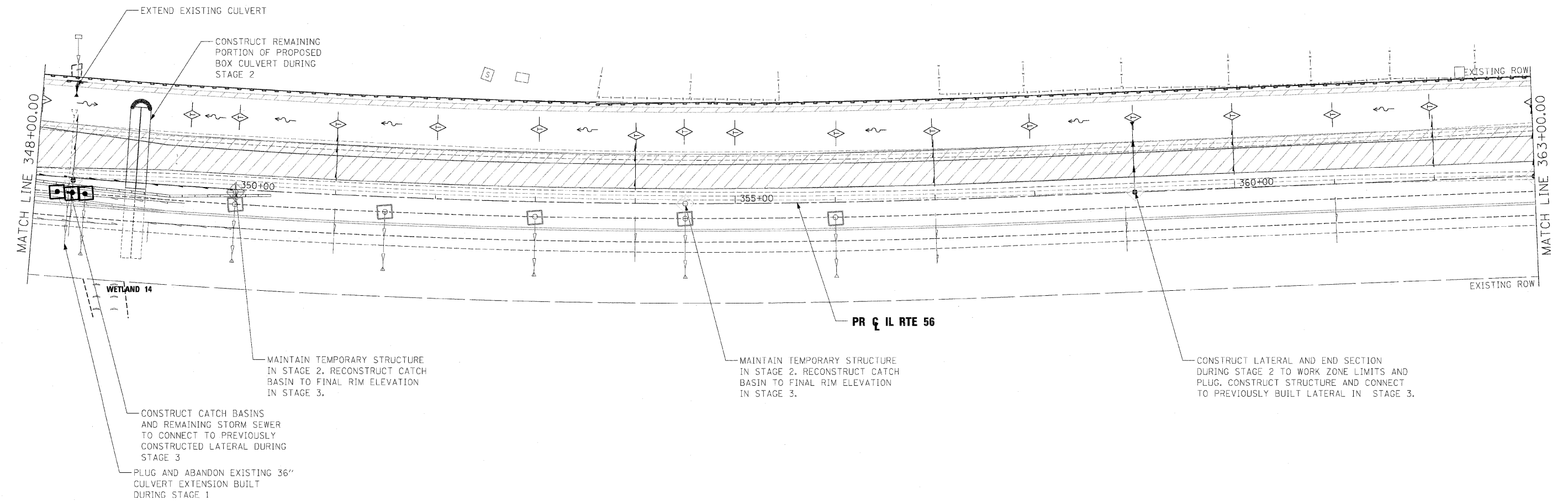


**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- ▨ WETLAND
- ⌒ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊞ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

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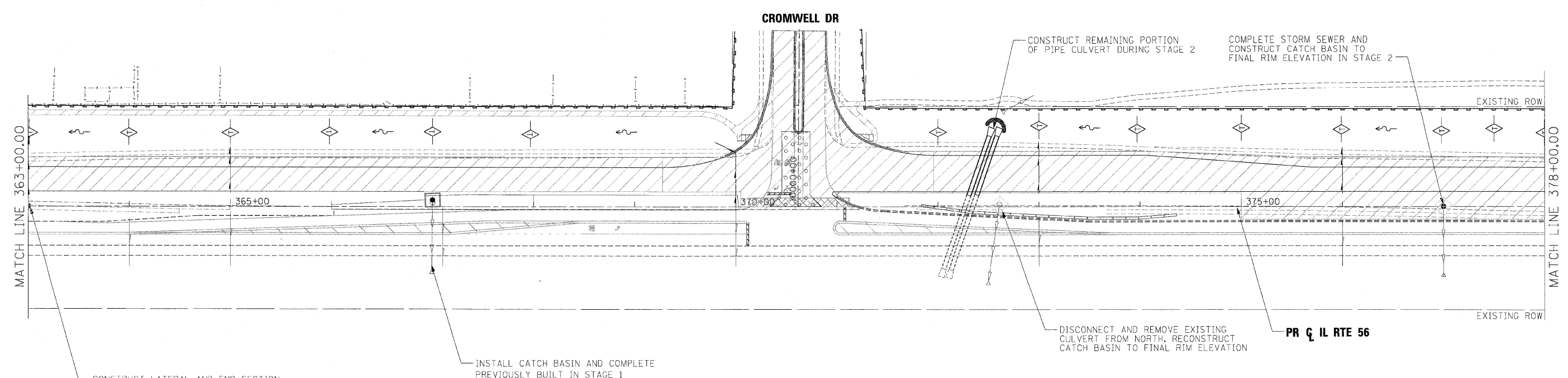


**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

- LEGEND:**
- ⊙ PROPOSED MANHOLE
  - ⊙ EXISTING MANHOLE
  - PROPOSED CATCH BASIN
  - EXISTING CATCH BASIN
  - ↔ HIGH POINT
  - △ EXISTING FLARED END SECTION
  - ▲ PROPOSED FLARED END SECTION
  - ~ FLOW LINE FOR PROPOSED DITCH
  - PROPOSED DRAINAGE INLET
  - PERIMETER EROSION BARRIER, 28000400
  - PROPOSED UNDERDRAIN
  - EXISTING STORM SEWER
  - PROPOSED STORM SEWER
  - WETLAND
  - ⤵ CULVERT INLET PROTECTION - STONE XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
  - ◇ INLET & PIPE PROTECTION, 28000500
  - ◇ TEMPORARY DITCH CHECK, 28000305
  - ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
  - INLET FILTERS, 28000510
  - Ⓜ SEDIMENT BASIN, 28000200
  - TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
  - WORK ZONE LIMITS
  - TEMPORARY PAVEMENT
  - STABILIZED CONSTRUCTION ENTRANCE, X0322671

FILE NAME =	DESIGNED - AAF	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY DRAINAGE AND EROSION CONTROL PLANS STAGE 2</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -					ILLINOIS FED. AID PROJECT				
			SCALE: 1"=50'		SHEET NO.26 OF 36 SHEETS		STA. 348+00 TO STA. 363+00				



CONSTRUCT LATERAL AND END SECTION DURING STAGE 2 TO WORK ZONE LIMITS AND PLUG. CONSTRUCT STRUCTURE AND CONNECT TO PREVIOUSLY BUILT LATERAL IN STAGE 3.

INSTALL CATCH BASIN AND COMPLETE PREVIOUSLY BUILT IN STAGE 1

CONSTRUCT REMAINING PORTION OF PIPE CULVERT DURING STAGE 2

COMPLETE STORM SEWER AND CONSTRUCT CATCH BASIN TO FINAL RIM ELEVATION IN STAGE 2

DISCONNECT AND REMOVE EXISTING CULVERT FROM NORTH. RECONSTRUCT CATCH BASIN TO FINAL RIM ELEVATION

PR Q IL RTE 56

**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⤿ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- Ⓞ SEDIMENT BASIN, 28000200
- TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- WORK ZONE LIMITS
- TEMPORARY PAVEMENT
- STABILIZED CONSTRUCTION ENTRANCE, X0322671

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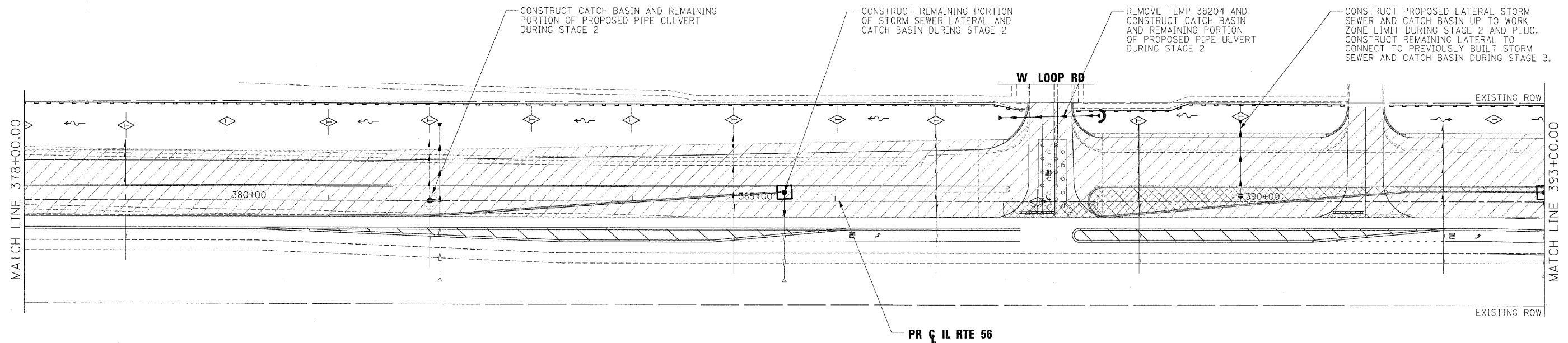
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**

SCALE: 1"=50'    SHEET NO.27 OF 36 SHEETS    STA. 363+00 TO STA. 378+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	231
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	



**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊕ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⤿ CULVERT INLET PROTECTION - STONE  
XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP  
XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ⬠ INLET & PIPE PROTECTION, 28000500
- ⬠ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊖ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

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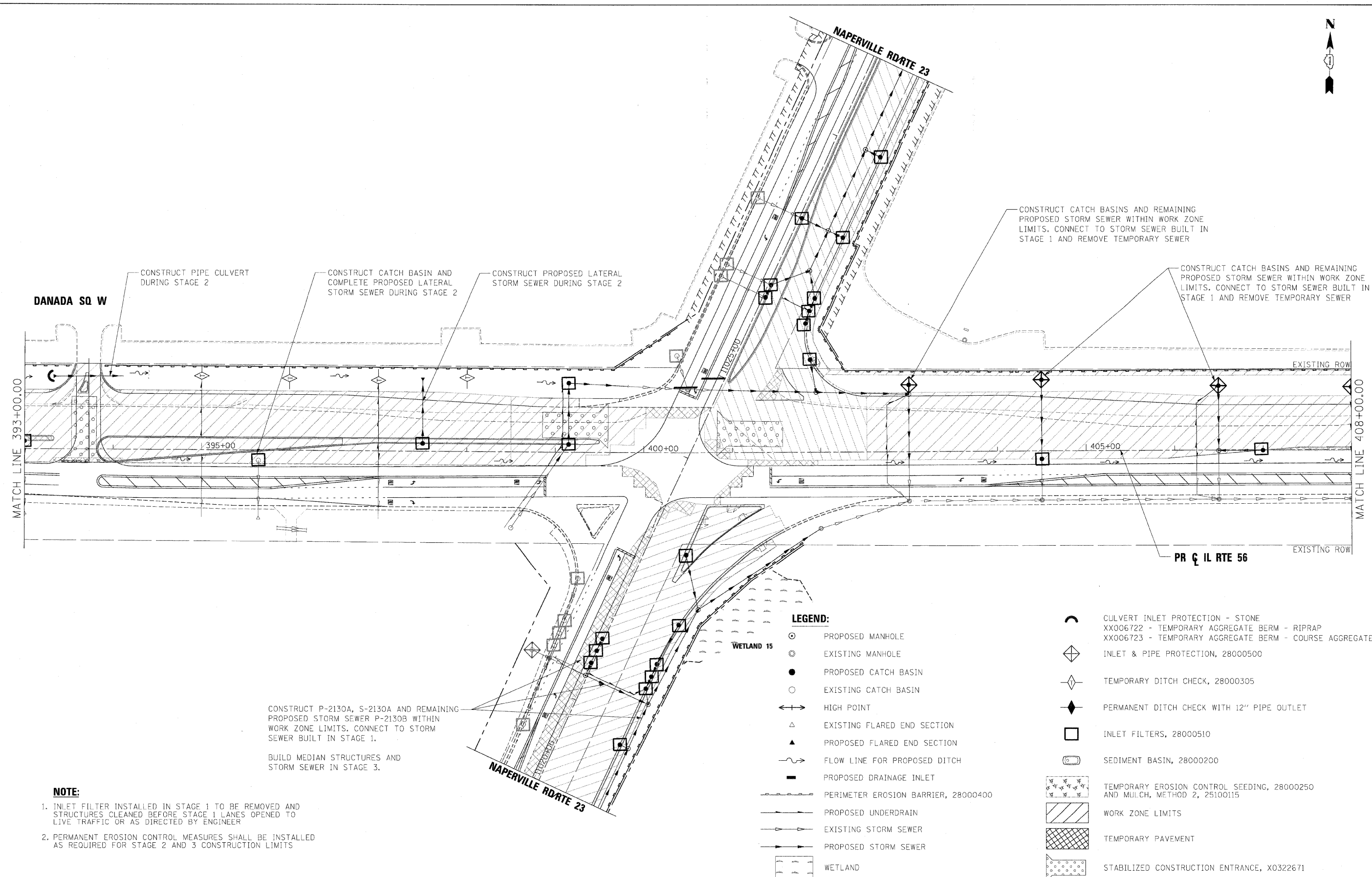
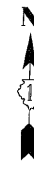
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**

SCALE: 1"=50' SHEET NO.28 OF 36 SHEETS STA. 378+00 TO STA. 393+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	232
			CONTRACT NO. 62419	
ILLINOIS FED. AID PROJECT				



DANADA SQ W

CONSTRUCT PIPE CULVERT DURING STAGE 2

CONSTRUCT CATCH BASIN AND COMPLETE PROPOSED LATERAL STORM SEWER DURING STAGE 2

CONSTRUCT PROPOSED LATERAL STORM SEWER DURING STAGE 2

CONSTRUCT CATCH BASINS AND REMAINING PROPOSED STORM SEWER WITHIN WORK ZONE LIMITS. CONNECT TO STORM SEWER BUILT IN STAGE 1 AND REMOVE TEMPORARY SEWER

CONSTRUCT CATCH BASINS AND REMAINING PROPOSED STORM SEWER WITHIN WORK ZONE LIMITS. CONNECT TO STORM SEWER BUILT IN STAGE 1 AND REMOVE TEMPORARY SEWER

MATCH LINE 393+00.00

MATCH LINE 408+00.00

CONSTRUCT P-2130A, S-2130A AND REMAINING PROPOSED STORM SEWER P-2130B WITHIN WORK ZONE LIMITS. CONNECT TO STORM SEWER BUILT IN STAGE 1.

BUILD MEDIAN STRUCTURES AND STORM SEWER IN STAGE 3.

**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

**LEGEND:**

- PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- ▨ WETLAND
- ⌣ CULVERT INLET PROTECTION - STONE
- XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

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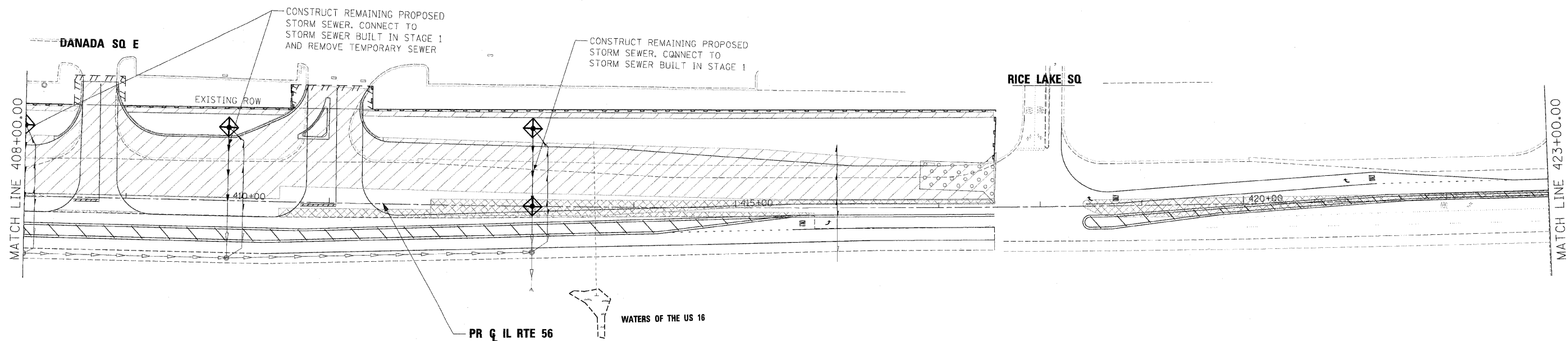
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**

SCALE: 1"=50'    SHEET NO.29 OF 36 SHEETS    STA. 393+00 TO STA. 408+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	157 & 581WRS-2	DUPAGE	681	233
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62419	



**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- WETLAND
- ⤴ CULVERT INLET PROTECTION - STONE  
XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP  
XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊖ SEDIMENT BASIN, 28000200
- TEMPORARY EROSION CONTROL SEEDING, 28000250  
AND MULCH, METHOD 2, 25100115
- WORK ZONE LIMITS
- TEMPORARY PAVEMENT
- STABILIZED CONSTRUCTION ENTRANCE, X0322671

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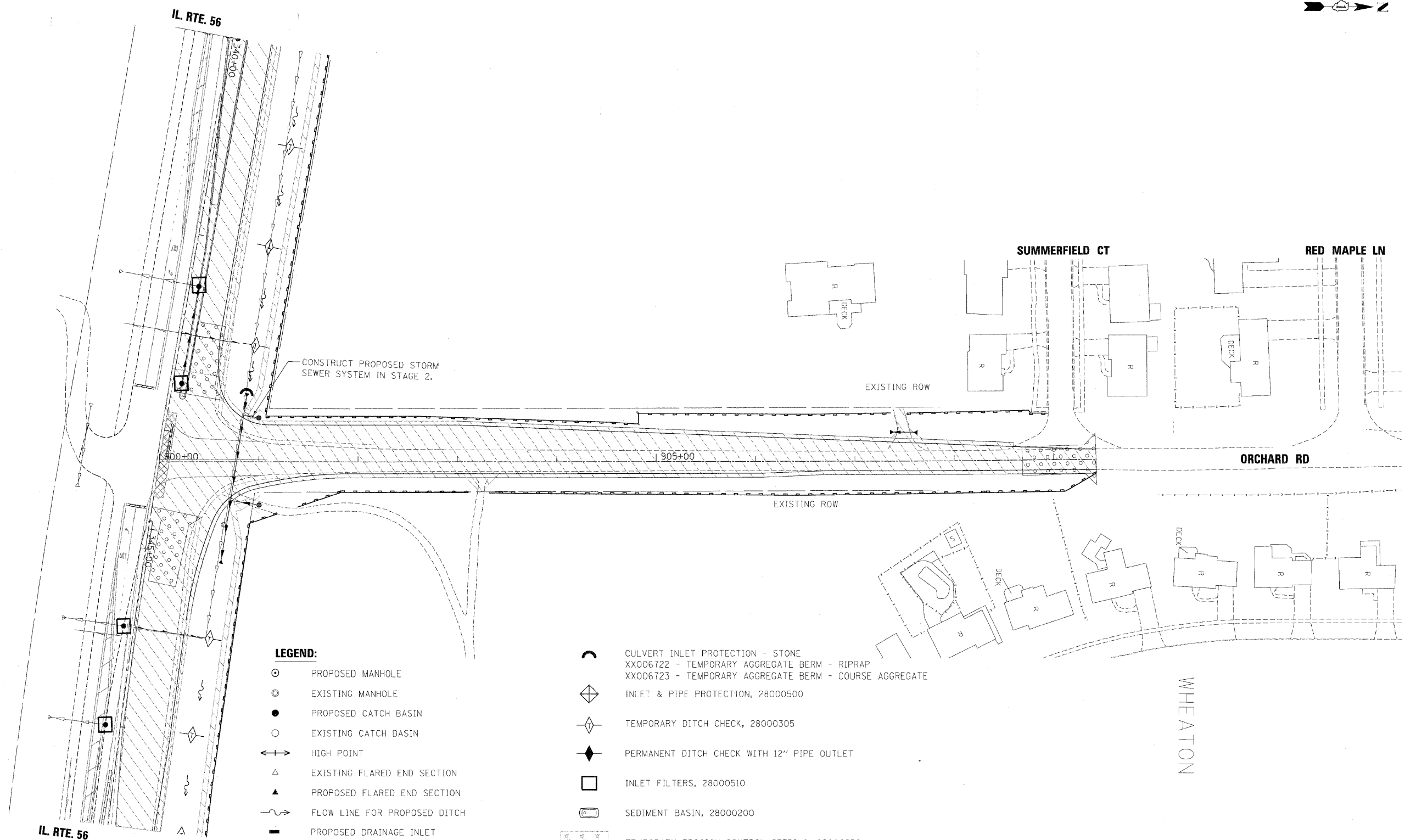
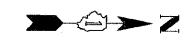
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**

SCALE: 1"=50' SHEET NO.30 OF 36 SHEETS STA. 408+00 TO STA. 423+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	234
			CONTRACT NO. 62419	
ILLINOIS FED. AID PROJECT				



**NOTE:**  
 1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER  
 2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

- LEGEND:**
- ⊙ PROPOSED MANHOLE
  - ⊙ EXISTING MANHOLE
  - PROPOSED CATCH BASIN
  - EXISTING CATCH BASIN
  - ↔ HIGH POINT
  - △ EXISTING FLARED END SECTION
  - ▲ PROPOSED FLARED END SECTION
  - ~ FLOW LINE FOR PROPOSED DITCH
  - PROPOSED DRAINAGE INLET
  - PERIMETER EROSION BARRIER, 28000400
  - PROPOSED UNDERDRAIN
  - EXISTING STORM SEWER
  - PROPOSED STORM SEWER
  - WETLAND
  - ⌒ CULVERT INLET PROTECTION - STONE
  - XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP
  - XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
  - ◇ INLET & PIPE PROTECTION, 28000500
  - ◇ TEMPORARY DITCH CHECK, 28000305
  - ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
  - INLET FILTERS, 28000510
  - SEDIMENT BASIN, 28000200
  - TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
  - WORK ZONE LIMITS
  - TEMPORARY PAVEMENT
  - STABILIZED CONSTRUCTION ENTRANCE, X0322671

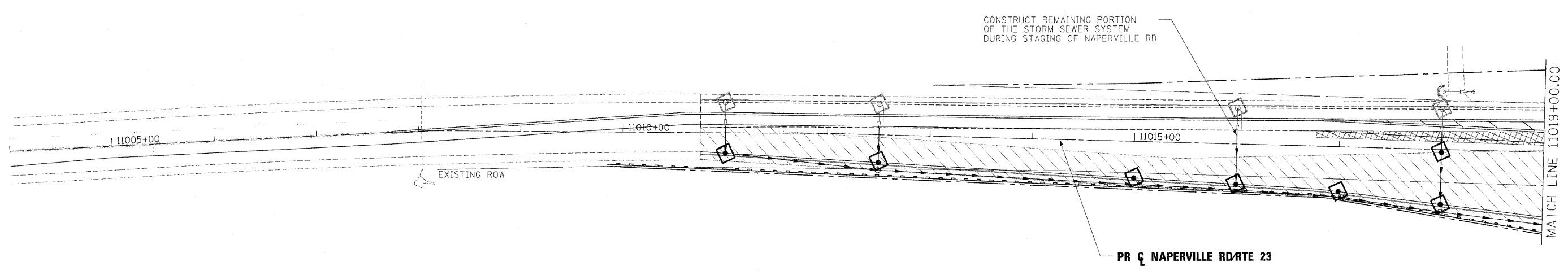
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DEPARTMENT OF TRANSPORTATION**

<b>TEMPORARY DRAINAGE AND EROSION CONTROL PLANS STAGE 2</b>			
SCALE: 1"=50'	SHEET NO. 31 OF 36 SHEETS	STA. 900+00 TO STA. POE	

F.A.P. RTE. 365	SECTION (57 & 58)WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 235
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62419	



**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

**LEGEND:**

- PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⌒ CULVERT INLET PROTECTION - STONE
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- XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- Ⓞ SEDIMENT BASIN, 28000200
- TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- WORK ZONE LIMITS
- TEMPORARY PAVEMENT
- STABILIZED CONSTRUCTION ENTRANCE, X0322671

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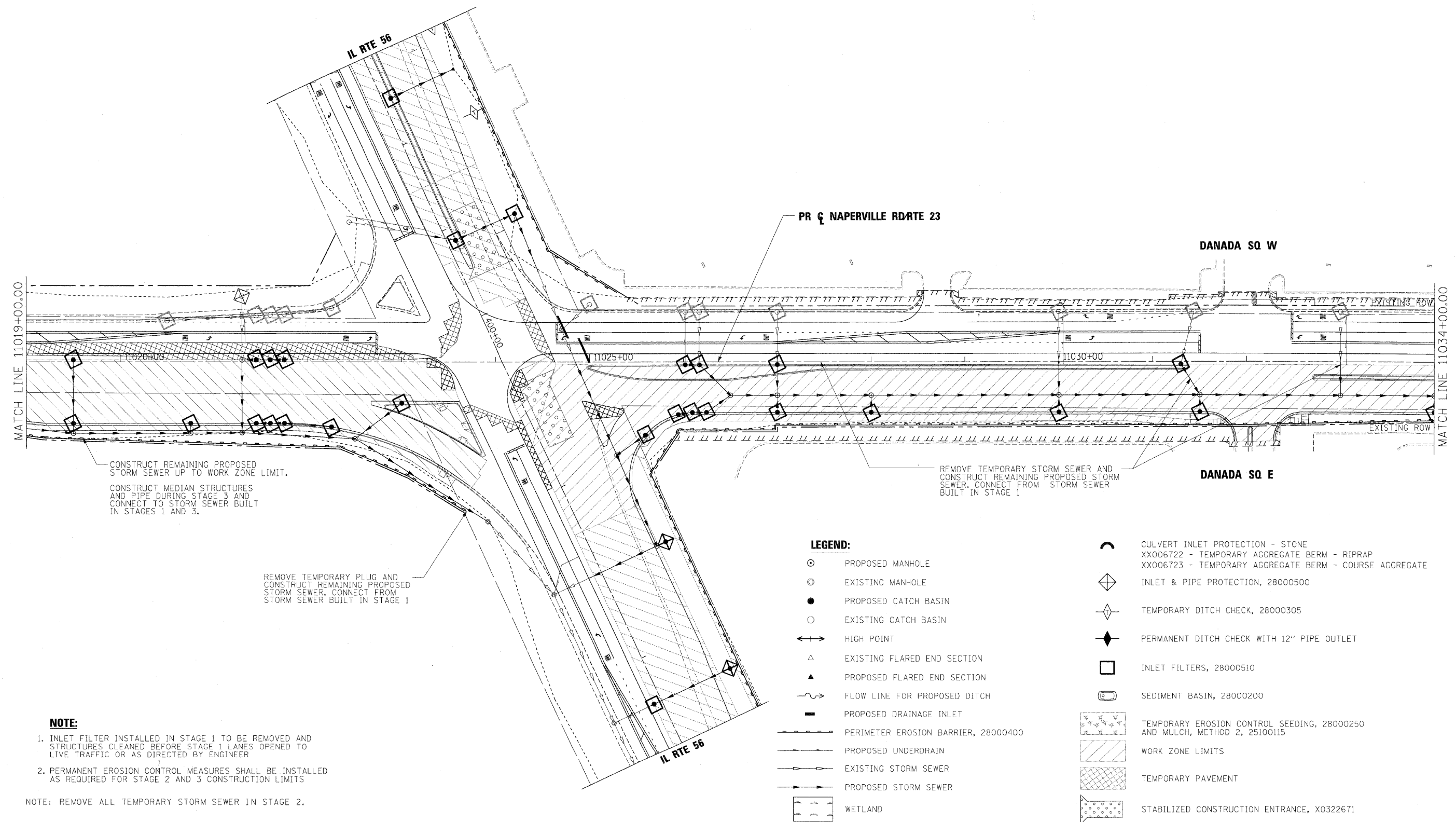
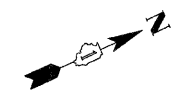
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**

SCALE: 1"=50'    SHEET NO.32 OF 36 SHEETS    STA. POB TO STA. 11019+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	236
CONTRACT NO. 62419				ILLINOIS FED. AID PROJECT





CONSTRUCT REMAINING PROPOSED STORM SEWER UP TO WORK ZONE LIMIT.  
 CONSTRUCT MEDIAN STRUCTURES AND PIPE DURING STAGE 3 AND CONNECT TO STORM SEWER BUILT IN STAGES 1 AND 3.

REMOVE TEMPORARY PLUG AND CONSTRUCT REMAINING PROPOSED STORM SEWER. CONNECT FROM STORM SEWER BUILT IN STAGE 1

REMOVE TEMPORARY STORM SEWER AND CONSTRUCT REMAINING PROPOSED STORM SEWER. CONNECT FROM STORM SEWER BUILT IN STAGE 1

**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

NOTE: REMOVE ALL TEMPORARY STORM SEWER IN STAGE 2.

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- PERIMETER EROSION BARRIER, 28000400
- PROPOSED UNDERDRAIN
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- WETLAND
- ⤵ CULVERT INLET PROTECTION - STONE XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- ⊞ SEDIMENT BASIN, 28000200
- ▨ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▨ TEMPORARY PAVEMENT
- ▨ STABILIZED CONSTRUCTION ENTRANCE, X0322671

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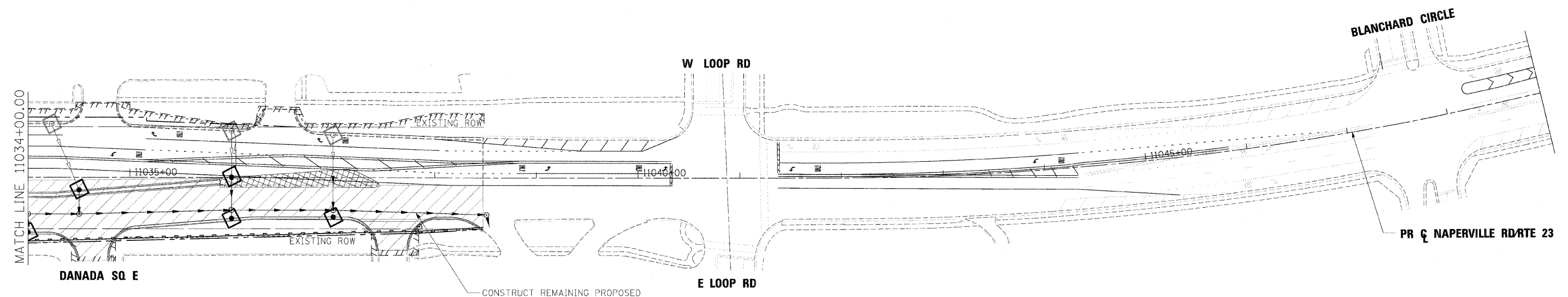
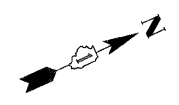
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**

SCALE: 1"=50' SHEET NO.33 OF 36 SHEETS STA. 11019+00 TO STA. 11034+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	237
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	



CONSTRUCT REMAINING PROPOSED STORM SEWER UP TO WORK ZONE LIMIT.

CONSTRUCT MEDIAN STRUCTURES AND PIPE DURING STAGE 3 AND CONNECT TO STORM SEWER BUILT IN STAGES 1 AND 3.

**NOTE:**

1. INLET FILTER INSTALLED IN STAGE 1 TO BE REMOVED AND STRUCTURES CLEANED BEFORE STAGE 1 LANES OPENED TO LIVE TRAFFIC OR AS DIRECTED BY ENGINEER
2. PERMANENT EROSION CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED FOR STAGE 2 AND 3 CONSTRUCTION LIMITS

NOTE: REMOVE ALL TEMPORARY STORM SEWER IN STAGE 2.

**LEGEND:**

- ⊙ PROPOSED MANHOLE
- ⊙ EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- ↔ HIGH POINT
- △ EXISTING FLARED END SECTION
- ▲ PROPOSED FLARED END SECTION
- ~ FLOW LINE FOR PROPOSED DITCH
- PROPOSED DRAINAGE INLET
- ▬ PERIMETER EROSION BARRIER, 28000400
- ▬ PROPOSED UNDERDRAIN
- ▬ EXISTING STORM SEWER
- ▬ PROPOSED STORM SEWER
- ▬ WETLAND
- ⤴ CULVERT INLET PROTECTION - STONE XX006722 - TEMPORARY AGGREGATE BERM - RIPRAP XX006723 - TEMPORARY AGGREGATE BERM - COURSE AGGREGATE
- ◇ INLET & PIPE PROTECTION, 28000500
- ◇ TEMPORARY DITCH CHECK, 28000305
- ◆ PERMANENT DITCH CHECK WITH 12" PIPE OUTLET
- INLET FILTERS, 28000510
- Ⓞ SEDIMENT BASIN, 28000200
- ⊞ TEMPORARY EROSION CONTROL SEEDING, 28000250 AND MULCH, METHOD 2, 25100115
- ▨ WORK ZONE LIMITS
- ▩ TEMPORARY PAVEMENT
- ⊞ STABILIZED CONSTRUCTION ENTRANCE, X0322671

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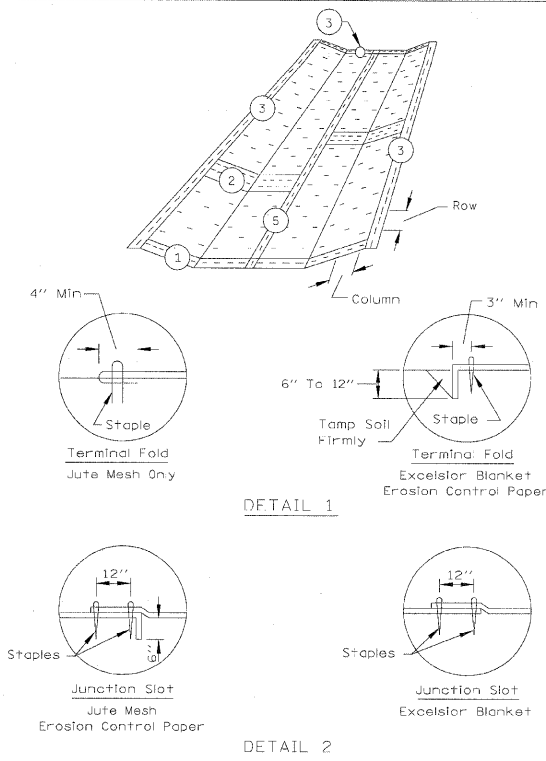
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY DRAINAGE AND EROSION CONTROL PLANS  
STAGE 2**

SCALE: 1"=50' SHEET NO. 34 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	238
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	

EROSION CONTROL BLANKET PLAN

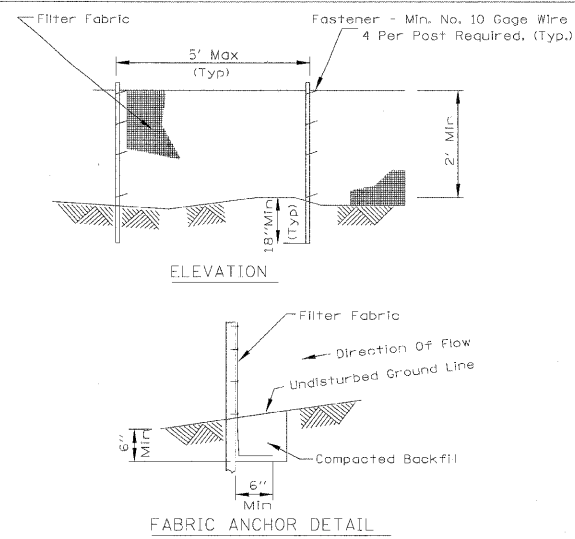


REFERENCE Project	_____ Date _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-530
SHEET	1 OF 2
DATE	5-24-94

PERIMETER EROSION BARRIER PLAN



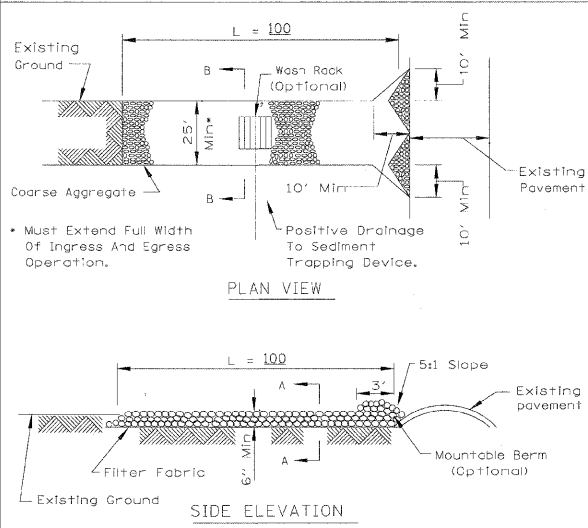
- NOTES:
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
  2. Filter fabric shall meet the requirements of material specification Article 1080.02
  3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE Project	_____ Date _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-620
SHEET	1 OF 2
DATE	11-20-91

STABILIZED CONSTRUCTION ENTRANCE PLAN



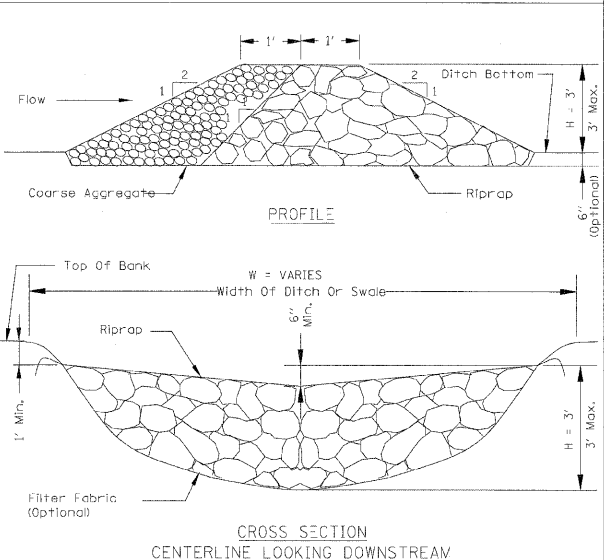
- NOTES:
1. Filter fabric shall meet the requirements of material specification Article 1080.03
  2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to Article 281.4
  3. Any drainage facilities required because of washing shall be constructed according to manufacturer's specifications.
  4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE Project	_____ Date _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-630
SHEET	1 OF 2
DATE	8-18-94

ROCK CHECK DAM - RIPRAP



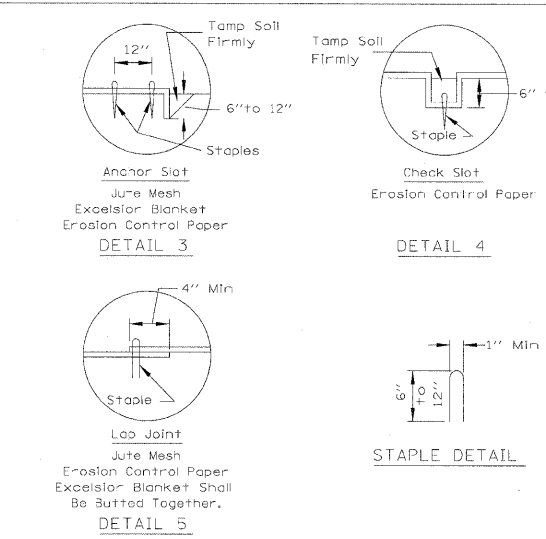
- NOTES:
1. Filter fabric shall meet the requirements of material specification Article 1080.03
  2. Coarse aggregate shall meet one of the following IDOT gradations, CA-1, CA-2, CA-3, or CA-4
  3. Riprap shall meet IDOT gradation RR-3 or RR-4 and meet Quality Designation A.
  4. Coarse aggregate and riprap shall be placed according to construction specification Article 281.04
  5. For added stability, the base of the dam may be keyed 6 inches into the soil.
  6. See plans for spacing of dams and H dimensions.
  7. Maximum drainage area to each dam.
  8. ROCK CHECK DAM-COARSE AGGREGATE IL-605CA may be used for drainage areas under 2 acres.
  9. Pay Items: XX006722 and XX006723

REFERENCE Project	_____ Date _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-605R
SHEET	1 OF 1
DATE	1-29-99

EROSION CONTROL BLANKET PLAN



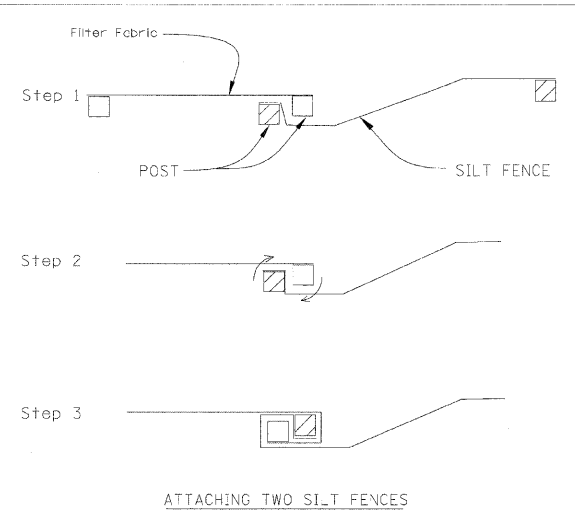
- NOTES:
1. On erosion control paper, check slots, in ditch channel shall be spaced so that one occurs within each 50' on slopes of more than 4% and less than 6%. On slopes of 6% or more, they shall be spaced so that one occurs within each 25'.
  2. Staples are to be placed alternately, in columns approximately 2' apart and in rows approximately 3' apart. Approximately 175 staples are required per 4'x 225' roll of material and 125 staples are required per 4'x 150' roll of material.
  3. Erosion control material shall be placed loosely over ground surface. Do not stretch.
  4. All terminal ends and transverse laps shall be stapled at approximately 12" intervals.

REFERENCE Project	_____ Date _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-530
SHEET	2 OF 2
DATE	3-1-95

PERIMETER EROSION BARRIER



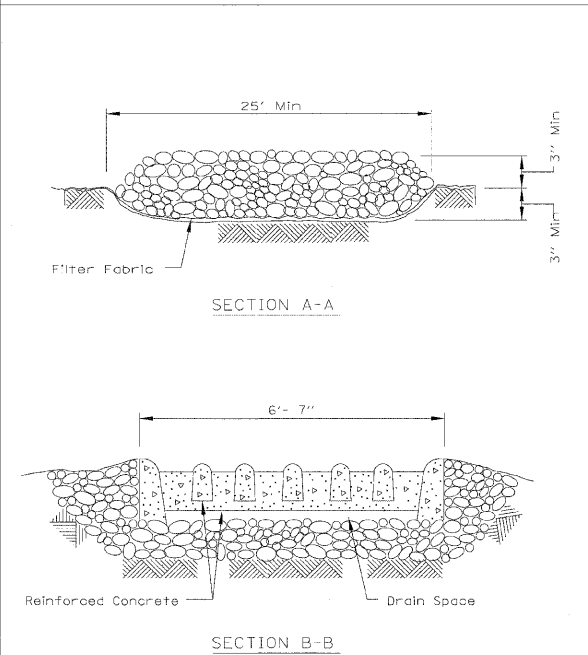
- NOTES:
1. Place the end post of the second fence inside the end post of the first fence.
  2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
  3. Drive both posts a minimum of 18 inches into the ground and bury the flag.

REFERENCE Project	_____ Date _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-620(W)
SHEET	2 OF 2
DATE	1-29-99

STABILIZED CONSTRUCTION ENTRANCE PLAN

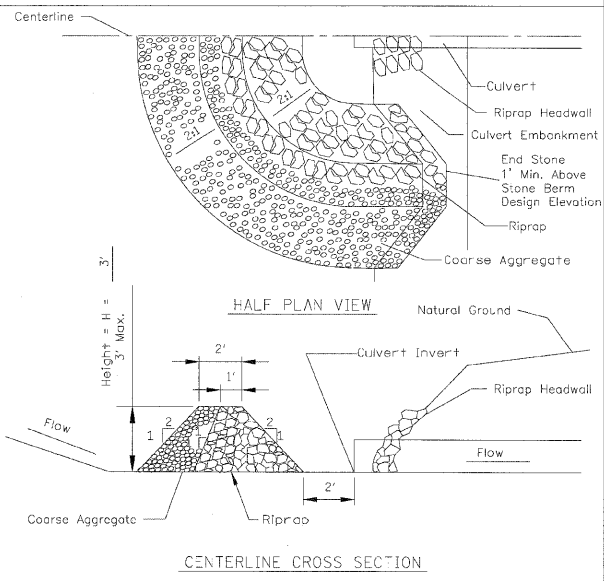


REFERENCE Project	_____ Date _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-630
SHEET	2 OF 2
DATE	8-18-94

CULVERT INLET PROTECTION - STONE



- NOTES:
1. Sediment shall be removed when the sediment has accumulated to one-half the height of the stone berm.
  2. Coarse aggregate shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4
  3. Riprap shall meet IDOT gradation RR-3 or RR-4
  4. Any permanent riprap, such as for the culvert headwall, shall meet IDOT Quality Designation A
  5. Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
  6. The maximum drainage area to the culvert being protected is 3 acres.
  7. See plans for H dimension. Tie the stone berm into the culvert embankment a minimum of 1 foot above the design elevation of the stone berm.
  8. Pay Items: XX006722 and XX006723

REFERENCE Project	_____ Date _____
Designed	_____ Date _____
Checked	_____ Date _____
Approved	_____ Date _____



STANDARD DWG. NO.	IL-508ST
SHEET	1 OF 1
DATE	1-29-99

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benesch

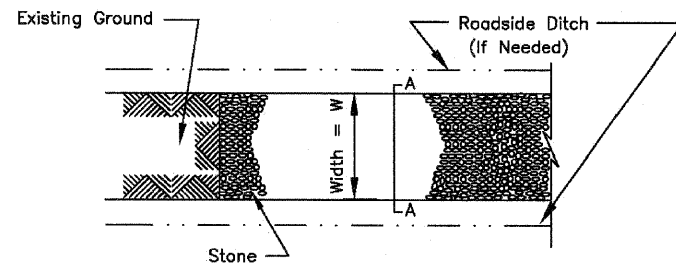
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL  
DETAILS

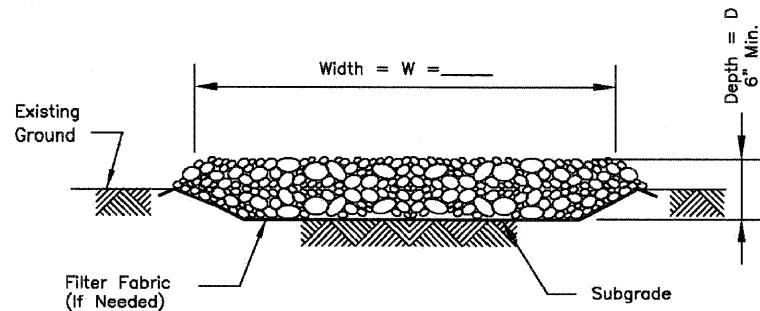
SCALE: N.T.S. SHEET NO. 35 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2		681	239
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	

# CONSTRUCTION ROAD STABILIZATION



PLAN VIEW



SECTION A-A

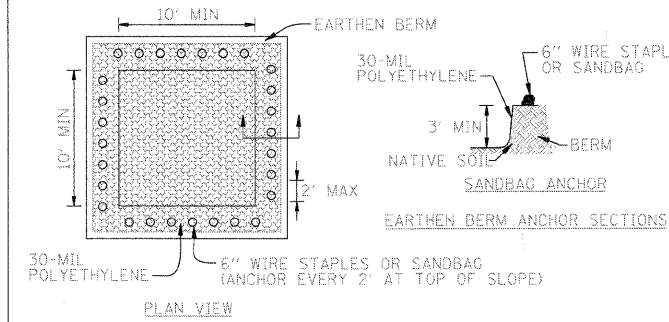
**NOTES:**

1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Stone shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3, or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
3. See plans for construction road location, D and W dimensions.
4. Minimum width is 14 feet for one-way traffic and 20 feet for two-way traffic. Two-way traffic widths shall be increased a minimum of 4 feet for trailer traffic. Depending on the type of vehicle or equipment, speed, loads, climatic and other conditions under which vehicles and equipment operate an increase in the minimum widths may be required.
5. Roadway shall follow the contour of the natural terrain to the extent possible.

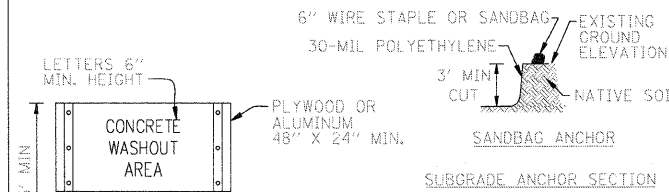
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Designed	_____	Date	_____
Checked	_____	Date	_____
Approved	_____	Date	_____



STANDARD DWG. NO.  
IL-506  
SHEET 1 OF 1  
DATE 1-29-99



PLAN VIEW

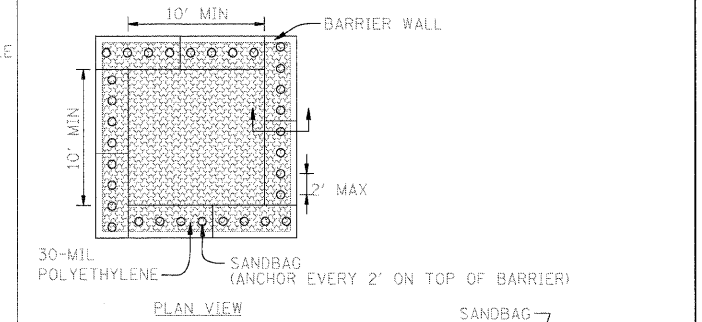


SIGN DETAIL

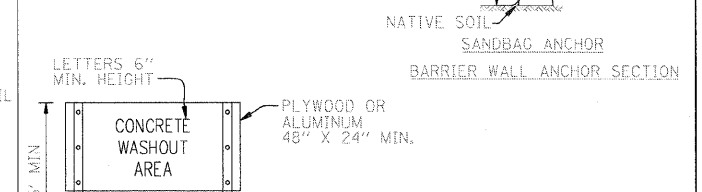
**NOTES:**

1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

DESIGNED	_____	DATE	_____
CHECKED	_____	DATE	_____
APPROVED	_____	DATE	_____



PLAN VIEW

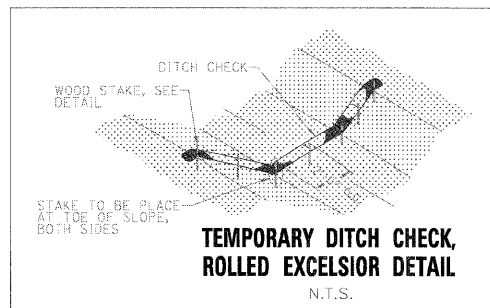
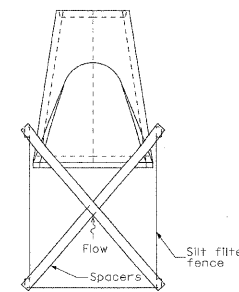


SIGN DETAIL

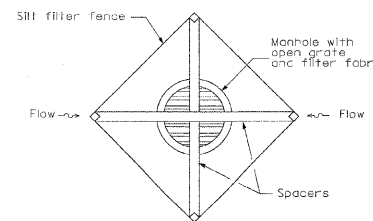
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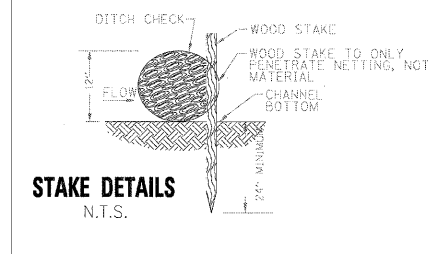
DESIGNED	_____	DATE	_____
CHECKED	_____	DATE	_____
APPROVED	_____	DATE	_____



TEMPORARY DITCH CHECK, ROLLED EXCELSIOR DETAIL  
N.T.S.



INLET AND PIPE PROTECTION DETAIL



STAKE DETAILS  
N.T.S.

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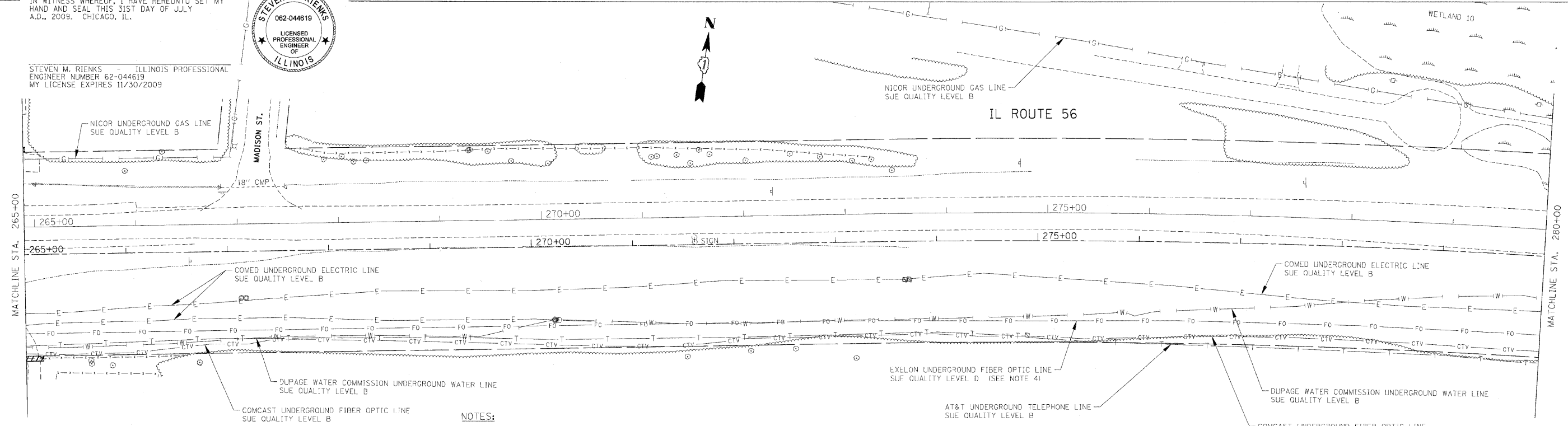
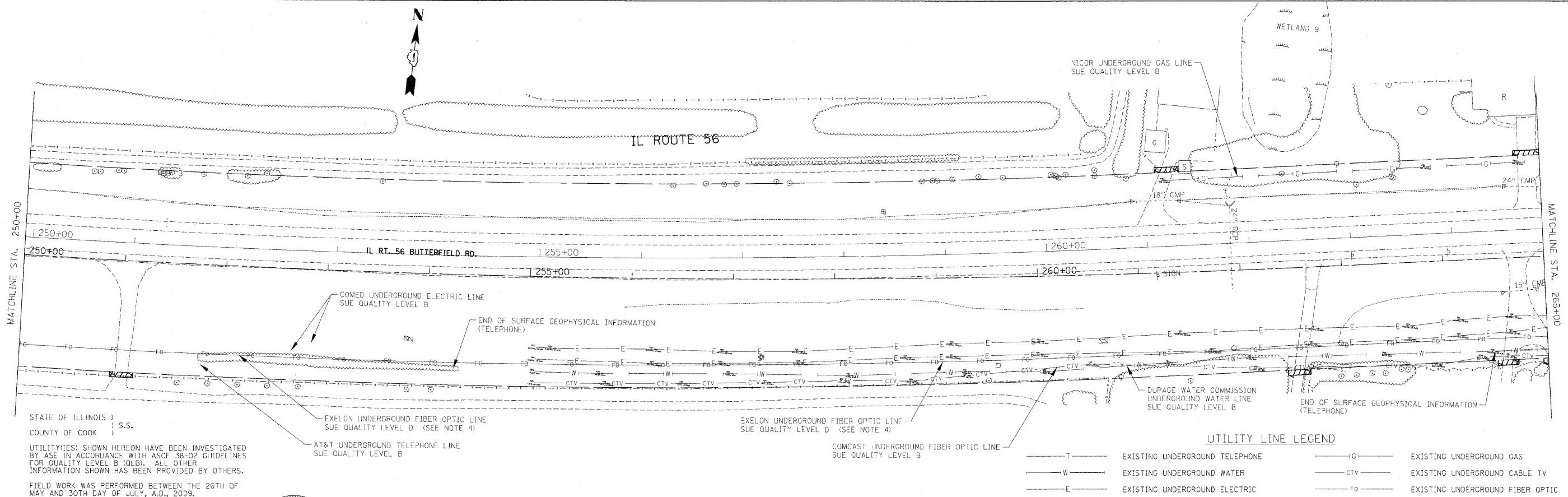
**benesch**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL  
DETAILS

SCALE: N.T.S. SHEET NO.36 OF 36 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	157 & 58WRS-2	DUPAGE	681	240
CONTRACT NO. 62419				
ILLINOIS FED. AID PROJECT				



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Illinois Professional Design Firm No. 184-003192

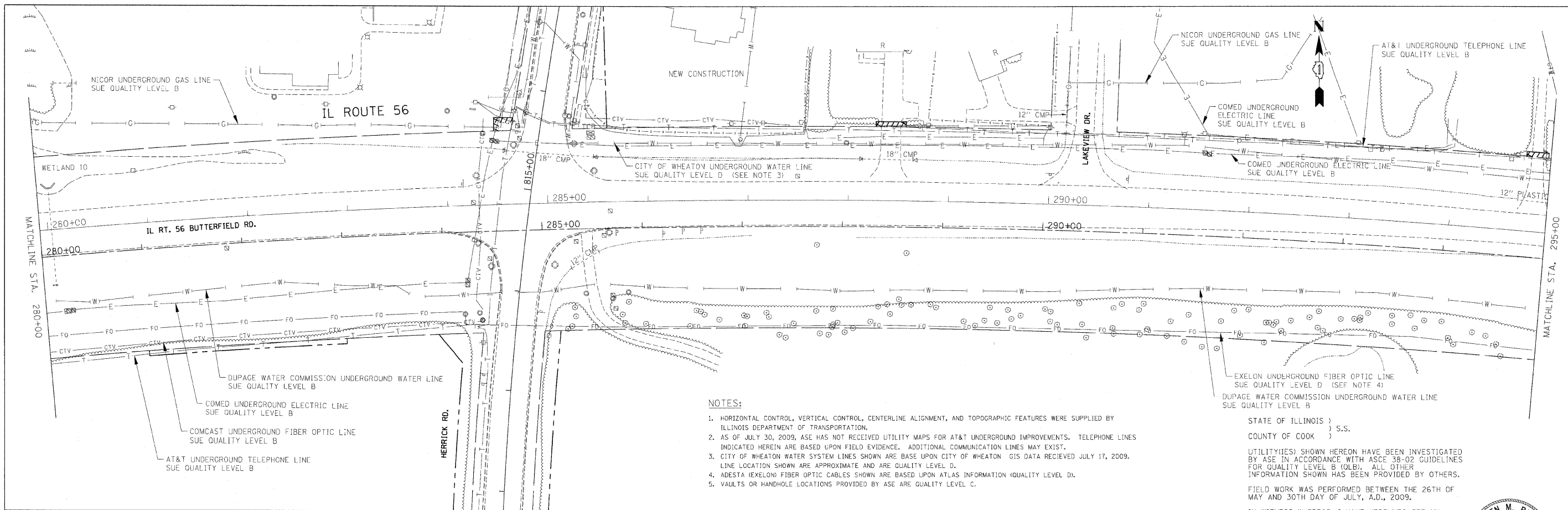
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PLOT DATE = 12/3/2010	DATE		REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 56 UTILITIES**

SCALE: 1" = 50'    SHEET NO. 1 OF 11 SHEETS    STA. 250+00 TO STA. 280+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			681	241
CONTRACT NO. 62419				
ILLINOIS FED. AID PROJECT				



**NOTES:**

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- AS OF JULY 30, 2009, ASE HAS NOT RECEIVED UTILITY MAPS FOR AT&T UNDERGROUND IMPROVEMENTS. TELEPHONE LINES INDICATED HEREIN ARE BASED UPON FIELD EVIDENCE. ADDITIONAL COMMUNICATION LINES MAY EXIST.
- CITY OF WHEATON WATER SYSTEM LINES SHOWN ARE BASE UPON CITY OF WHEATON GIS DATA RECEIVED JULY 17, 2009. LINE LOCATION SHOWN ARE APPROXIMATE AND ARE QUALITY LEVEL D.
- ADESTA (EXELON) FIBER OPTIC CABLES SHOWN ARE BASED UPON ATLAS INFORMATION (QUALITY LEVEL D).
- VAULTS OR HANDHOLE LOCATIONS PROVIDED BY ASE ARE QUALITY LEVEL C.

STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

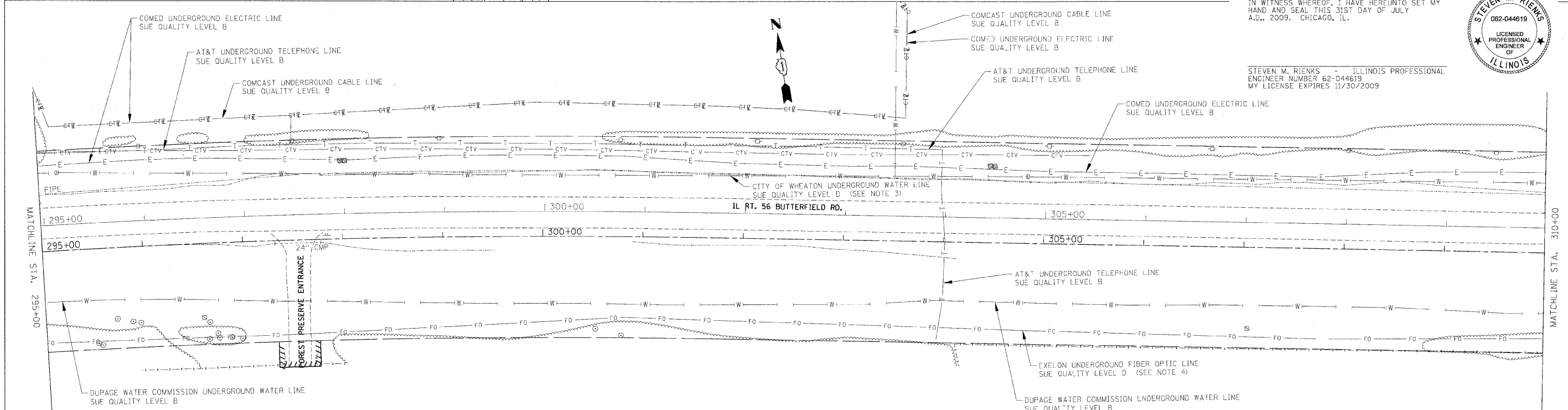
UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH ASCE 38-02 GUIDELINES FOR QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 26TH OF MAY AND 30TH DAY OF JULY, A.D., 2009.

IN WITNESS WHEREOF, I HAVE HERETO SET MY HAND AND SEAL THIS 31ST DAY OF JULY A.D., 2009, CHICAGO, IL.



STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619 MY LICENSE EXPIRES 11/30/2009



**UTILITY LINE LEGEND**

—T—	EXISTING UNDERGROUND TELEPHONE	—G—	EXISTING UNDERGROUND GAS
—W—	EXISTING UNDERGROUND WATER	—CTV—	EXISTING UNDERGROUND CABLE TV
—E—	EXISTING UNDERGROUND ELECTRIC	—FO—	EXISTING UNDERGROUND FIBER OPTIC

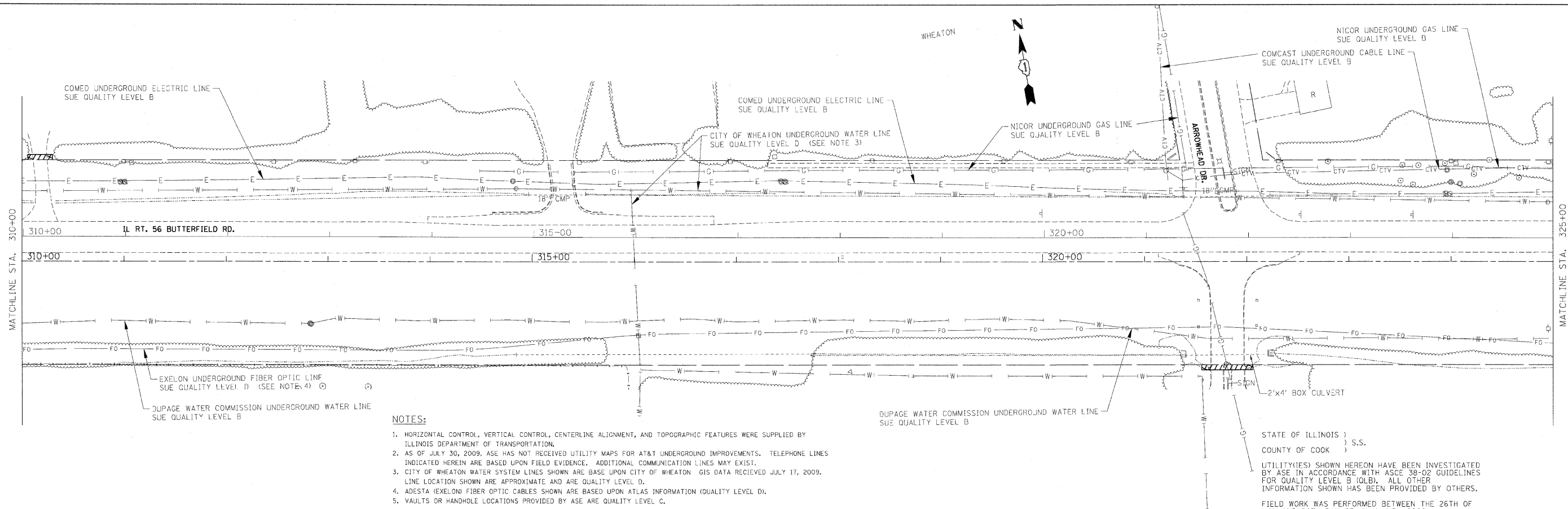
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Illinois Professional Design Firm No. 184-003192

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 56 UTILITIES**  
SCALE: 1" = 50'  
SHEET NO. 2 OF 11 SHEETS  
STA. 280+00 TO STA. 310+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			681	242
CONTRACT NO. 62419				
ILLINOIS FED. AID PROJECT				



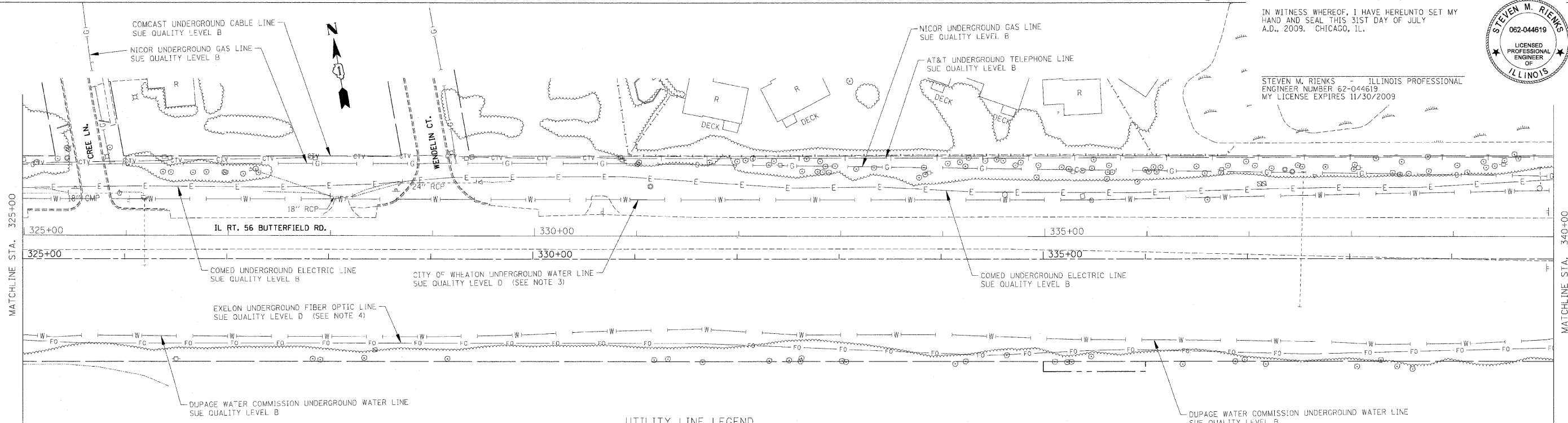
- NOTES:**
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STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

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FIELD WORK WAS PERFORMED BETWEEN THE 26TH OF MAY AND 30TH DAY OF JULY, A.D., 2009.

IN WITNESS WHEREOF, I HAVE HERETO SET MY HAND AND SEAL THIS 31ST DAY OF JULY A.D., 2009. CHICAGO, IL.



**UTILITY LINE LEGEND**

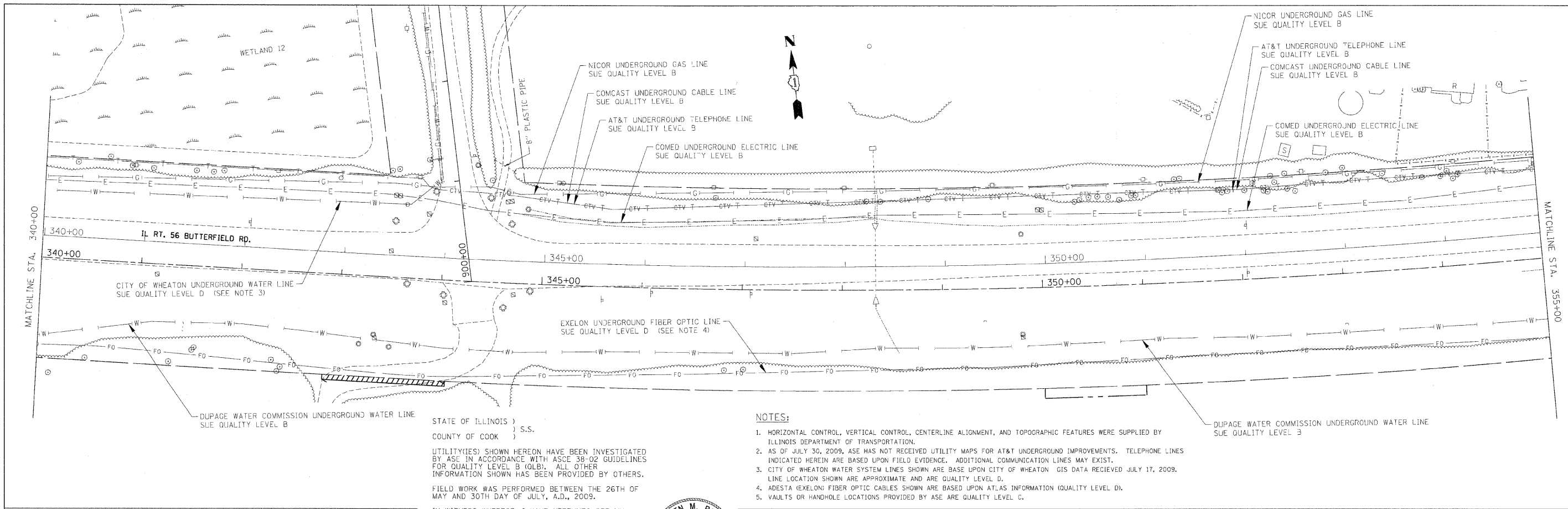
- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- FO — EXISTING UNDERGROUND FIBER OPTIC

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Illinois Professional Design Firm No. 184-003192

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PLOT SCALE = #SCALE#	CHECKED -	REVISED -									681	243	
PLOT DATE = 12/3/2012	DATE -	REVISED -											
										CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT	





STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH ASCE 38-02 GUIDELINES FOR QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

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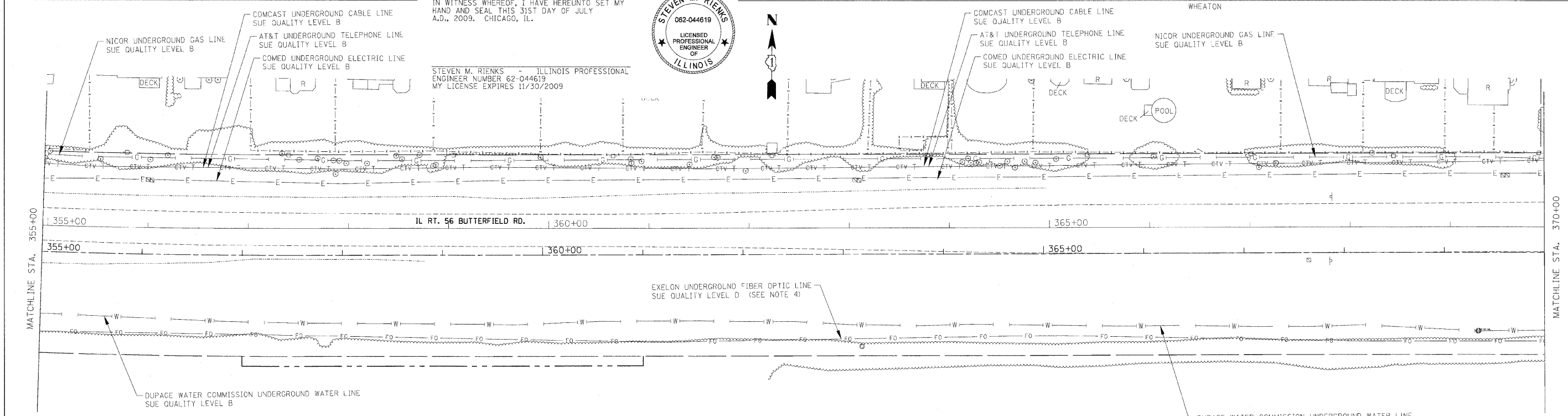
IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 31ST DAY OF JULY, A.D., 2009. CHICAGO, IL.

**NOTES:**

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STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2009



**UTILITY LINE LEGEND**

- |       |                                |         |                                  |
|-------|--------------------------------|---------|----------------------------------|
| — T — | EXISTING UNDERGROUND TELEPHONE | — G —   | EXISTING UNDERGROUND GAS         |
| — W — | EXISTING UNDERGROUND WATER     | — CTV — | EXISTING UNDERGROUND CABLE TV    |
| — E — | EXISTING UNDERGROUND ELECTRIC  | — FO —  | EXISTING UNDERGROUND FIBER OPTIC |

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Aurora: 603-897-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 184-003192

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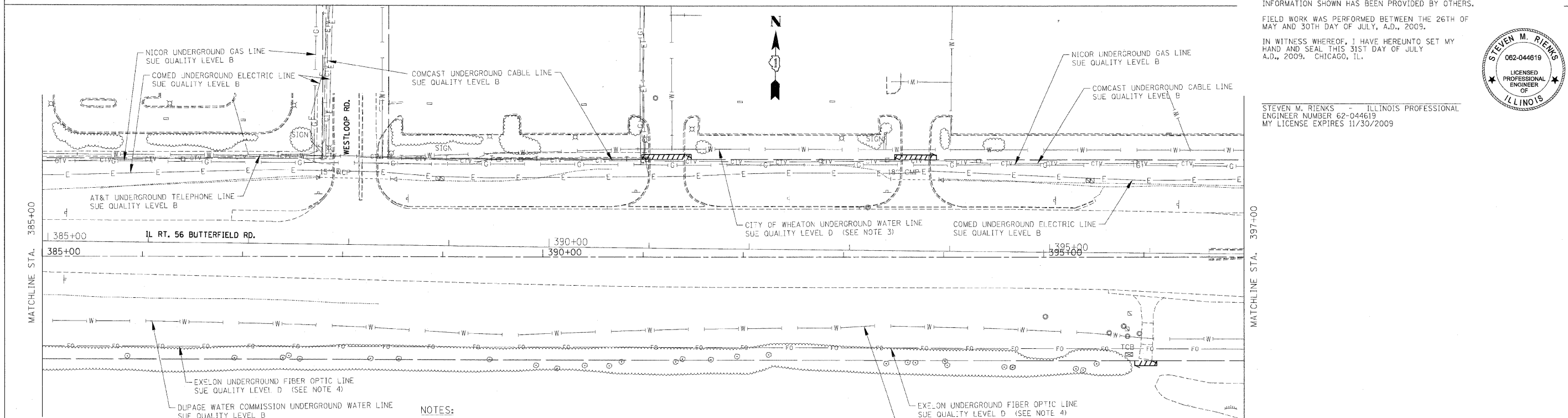
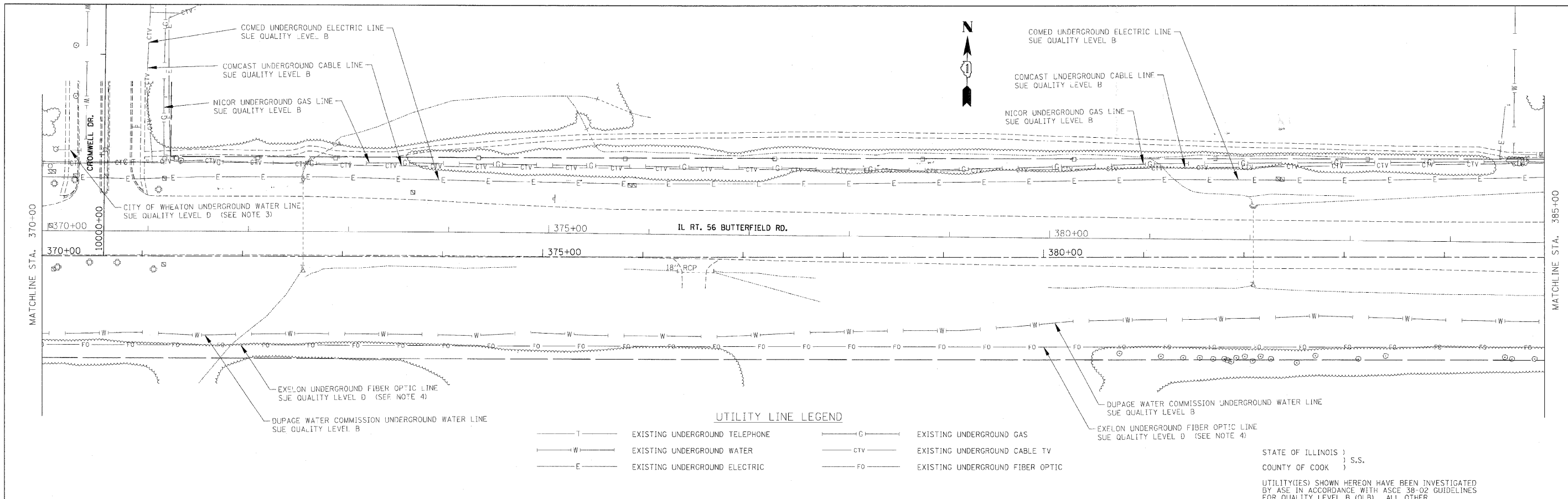
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DATE -

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

**ILLINOIS ROUTE 56 UTILITIES**  
SCALE: 1" = 50'  
SHEET NO. 4 OF 11 SHEETS  
STA. 340+00 TO STA. 370+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			681	244
CONTRACT NO. 62419				
ILLINOIS FED. AID PROJECT				





STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH ASCE 38-02 GUIDELINES FOR QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 26TH OF MAY AND 30TH DAY OF JULY, A.D., 2009.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 31ST DAY OF JULY A.D., 2009. CHICAGO, IL.

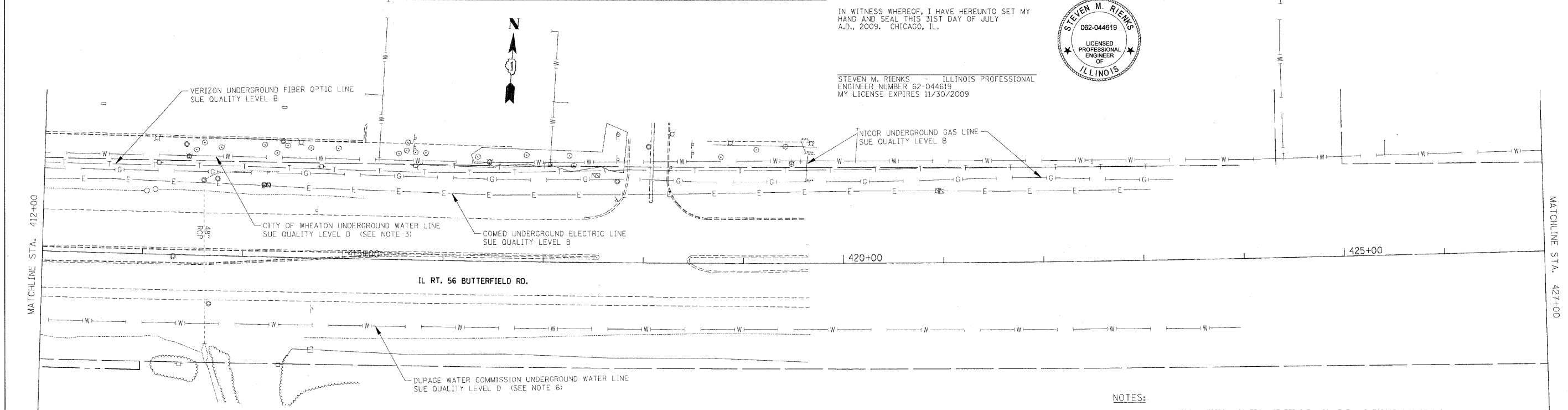
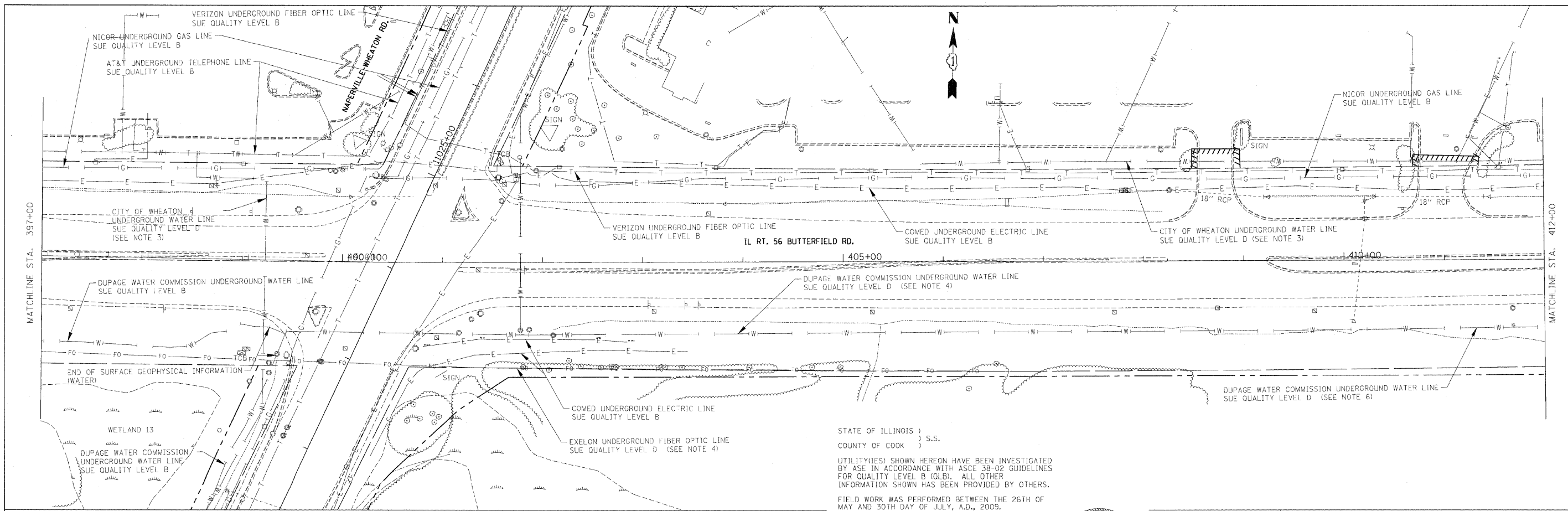


STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619 MY LICENSE EXPIRES 11/30/2009

- NOTES:
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Aurora: 630-891-4105 / Fax 630-891-4121  
Illinois Professional Design Firm No. 184-003192

FILE NAME = ...\\DIB2419-SHT-RT56-UTIL_05.dgn	USER NAME = tblank	DESIGNED -	REVISION -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ILLINOIS ROUTE 56 UTILITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = #SCALE#	CHECKED -	REVISION -									
PLOT DATE = 12/3/2010	DATE -	REVISION -									
			SCALE: 1" = 50'			SHEET NO. 5 OF 11 SHEETS	STA. 370+00 TO STA. 397+00	ILLINOIS FED. AID PROJECT		CONTRACT NO. 62419	681



STATE OF ILLINOIS )  
 COUNTY OF COOK ) S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH ASCE 38-02 GUIDELINES FOR QUALITY LEVEL B (GLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 26TH OF MAY AND 30TH DAY OF JULY, A.D., 2009.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 31ST DAY OF JULY A.D., 2009. CHICAGO, IL.



STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2009

**UTILITY LINE LEGEND**

- T— EXISTING UNDERGROUND TELEPHONE
- W— EXISTING UNDERGROUND WATER
- E— EXISTING UNDERGROUND ELECTRIC
- G— EXISTING UNDERGROUND GAS
- CTV— EXISTING UNDERGROUND CABLE TV
- FO— EXISTING UNDERGROUND FIBER OPTIC

**NOTES:**

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
2. AS OF JULY 30, 2009, ASE HAS NOT RECEIVED UTILITY MAPS FOR AT&T UNDERGROUND IMPROVEMENTS. TELEPHONE LINES INDICATED HEREIN ARE BASED UPON FIELD EVIDENCE. ADDITIONAL COMMUNICATION LINES MAY EXIST.
3. CITY OF WHEATON WATER SYSTEM LINES SHOWN ARE BASE UPON CITY OF WHEATON GIS DATA RECEIVED JULY 17, 2009. LINE LOCATION SHOWN ARE APPROXIMATE AND ARE QUALITY LEVEL D.
4. ADESTA (EXELON) FIBER OPTIC CABLES SHOWN ARE BASED UPON ATLAS INFORMATION (QUALITY LEVEL D).
5. VAULTS OR HANDHOLE LOCATIONS PROVIDED BY ASE ARE QUALITY LEVEL C.
6. DUPAGE WATER COMMISSION SYSTEM LINES SHOWN EAST OF NAPERVILLE ROAD ARE BASED UPON ATLAS INFORMATION (QUALITY LEVEL D).

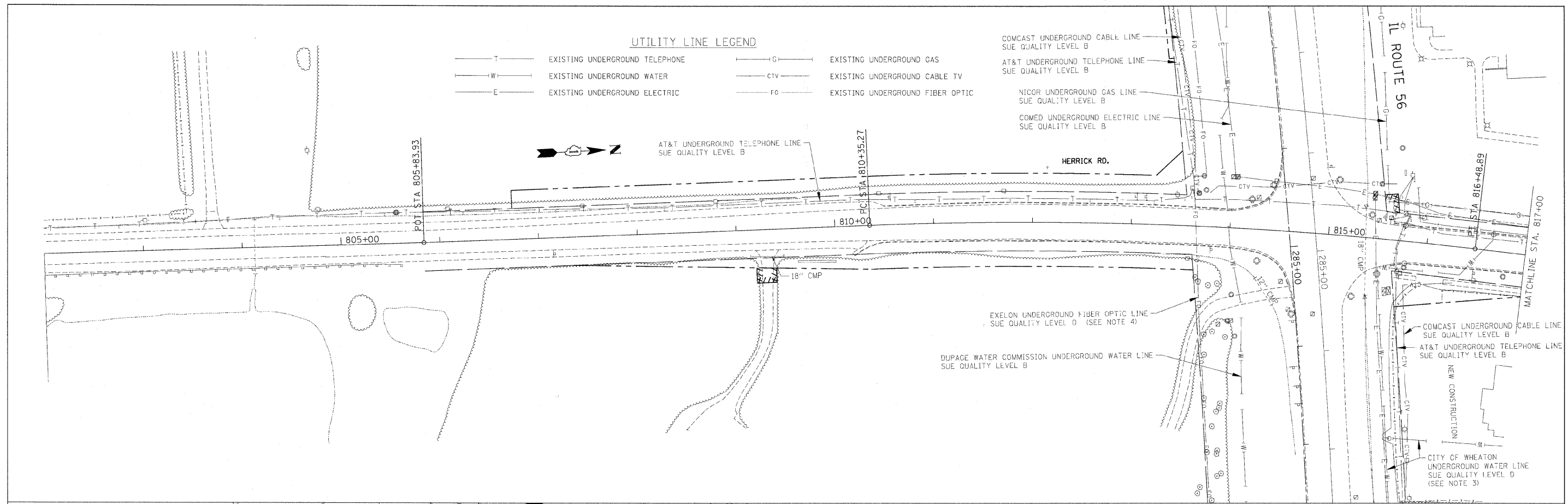
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 GEODESISTS - MAPPING SCIENTISTS  
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 Illinois Professional Design Firm No. 184-003192

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PLOT DATE = 12/3/2010	DATE -	REVISION -	REVISION -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 56 UTILITIES**  
 SCALE: 1" = 50'  
 SHEET NO. 6 OF 11 SHEETS  
 STA. 397+00 TO STA. 427+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			681	246
			CONTRACT NO. 62419	
ILLINOIS FED. AID PROJECT				



- NOTES:**
- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
  - AS OF JULY 30, 2009, ASE HAS NOT RECEIVED UTILITY MAPS FOR AT&T UNDERGROUND IMPROVEMENTS. TELEPHONE LINES INDICATED HEREIN ARE BASED UPON FIELD EVIDENCE. ADDITIONAL COMMUNICATION LINES MAY EXIST.
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  - ADESTA (EXELON) FIBER OPTIC CABLES SHOWN ARE BASED UPON ATLAS INFORMATION (QUALITY LEVEL D).
  - VAULTS OR HAND-HOLE LOCATIONS PROVIDED BY ASE ARE QUALITY LEVEL C.

STATE OF ILLINOIS )  
 COUNTY OF COOK ) S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH ASCE 38-02 GUIDELINES FOR QUALITY LEVEL B (Q-LB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 26TH OF MAY AND 30TH DAY OF JULY, A.D., 2009.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 31ST DAY OF JULY A.D., 2009. CHICAGO, IL.



STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2009

**AMERICAN**  
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 Illinois Professional Design Firm No. 184-003192

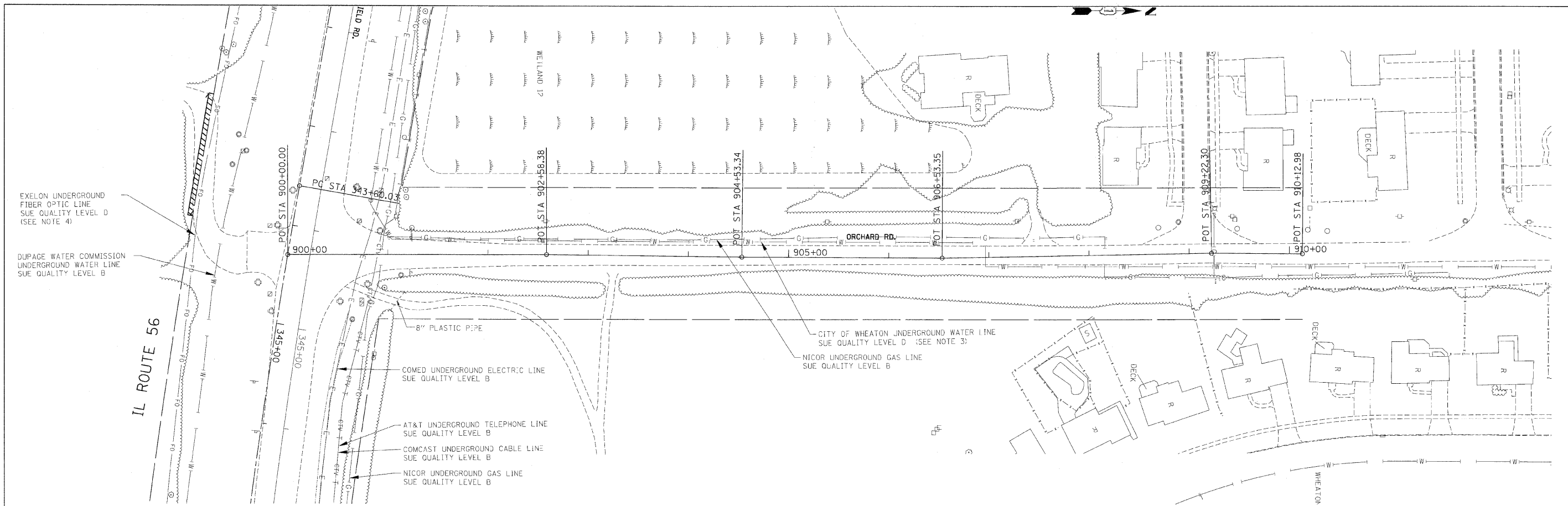
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	PLOT DATE = 12/3/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**HERRICK ROAD /WIESBROOK ROAD AT IL ROUTE 56  
 UTILITIES**

SCALE: 1" = 50'    SHEET NO. 7 OF 11 SHEETS    STA. 803+00 TO STA. 829+84.41

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			681	247
			CONTRACT NO. 62419	
ILLINOIS FED. AID PROJECT				



UTILITY LINE LEGEND

—T—	EXISTING UNDERGROUND TELEPHONE	—G—	EXISTING UNDERGROUND GAS
—W—	EXISTING UNDERGROUND WATER	—CTV—	EXISTING UNDERGROUND CABLE TV
—E—	EXISTING UNDERGROUND ELECTRIC	—FO—	EXISTING UNDERGROUND FIBER OPTIC

NOTES:

- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, AND TOPOGRAPHIC FEATURES WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.
- AS OF JULY 30, 2009, ASE HAS NOT RECEIVED UTILITY MAPS FOR AT&T UNDERGROUND IMPROVEMENTS. TELEPHONE LINES INDICATED HEREIN ARE BASED UPON FIELD EVIDENCE. ADDITIONAL COMMUNICATION LINES MAY EXIST.
- CITY OF WHEATON WATER SYSTEM LINES SHOWN ARE BASE UPON CITY OF WHEATON GIS DATA RECEIVED JULY 17, 2009. LINE LOCATION SHOWN ARE APPROXIMATE AND ARE QUALITY LEVEL D.
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- VAULTS OR HANDHOLE LOCATIONS PROVIDED BY ASE ARE QUALITY LEVEL C.

STATE OF ILLINOIS )  
 ) S.S.  
 COUNTY OF COOK )

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH ASCE 38-02 GUIDELINES FOR QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

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IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 31ST DAY OF JULY A.D., 2009. CHICAGO, IL.



STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2009

**AMERICAN**  
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 Illinois Professional Design Firm No. 184-003192

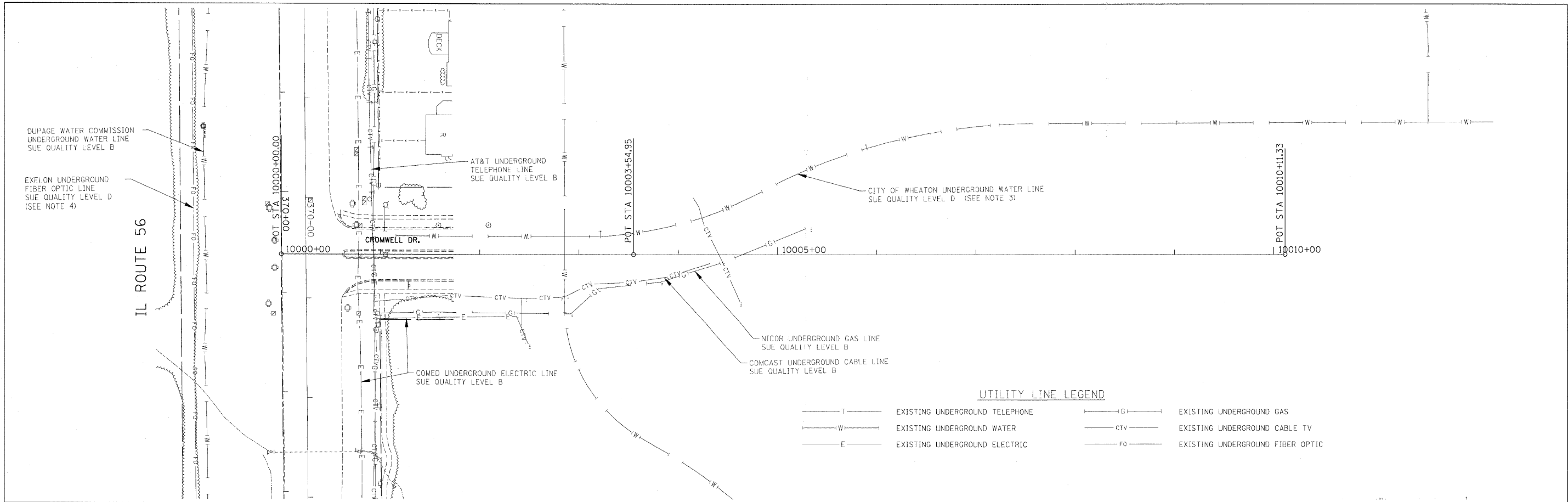
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	PLOT DATE = 12/3/2010	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ORCHARD ROAD AT IL ROUTE 56  
 UTILITIES

SCALE: 1" = 50' SHEET NO. 8 OF 11 SHEETS STA. 900+00 TO STA. 910+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			681	248
			CONTRACT NO. 62419	
ILLINOIS FED. AID PROJECT				



**UTILITY LINE LEGEND**

— T —	EXISTING UNDERGROUND TELEPHONE	— G —	EXISTING UNDERGROUND GAS
— W —	EXISTING UNDERGROUND WATER	— CTV —	EXISTING UNDERGROUND CABLE TV
— E —	EXISTING UNDERGROUND ELECTRIC	— FO —	EXISTING UNDERGROUND FIBER OPTIC

- NOTES:**
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STATE OF ILLINOIS }  
COUNTY OF COOK } S.S.

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH ASCE 38-02 GUIDELINES FOR QUALITY LEVEL B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 26TH OF MAY AND 30TH DAY OF JULY, A.D., 2009.

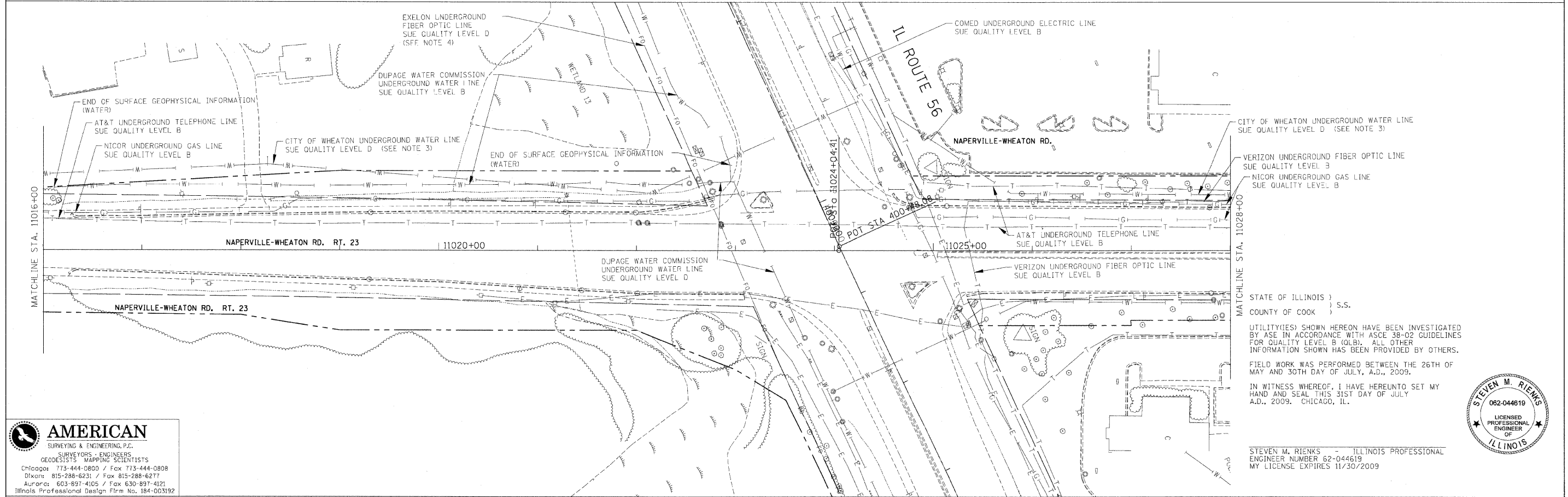
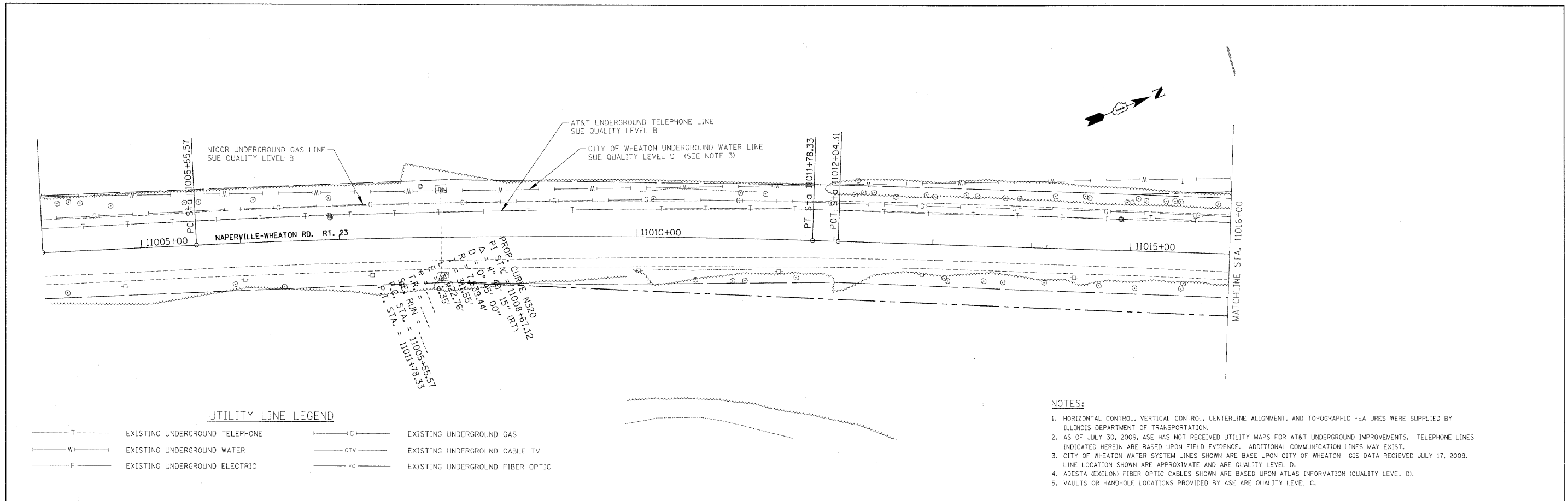
IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 31ST DAY OF JULY A.D., 2009. CHICAGO, IL.



STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2009

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Illinois Professional Design Firm No. 184-003192

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PLOT SCALE = #SCALE#	DRAWN -	REVISED -	SCALE: 1" = 50'		SHEET NO. 9 OF 11 SHEETS	STA. 10000+00 TO STA. 10010+11.33	681	249				
PLOT DATE = 12/3/2010	CHECKED -	REVISED -	CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT							
DATE -	REVISED -											



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Aurora 603-897-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 184-003192

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

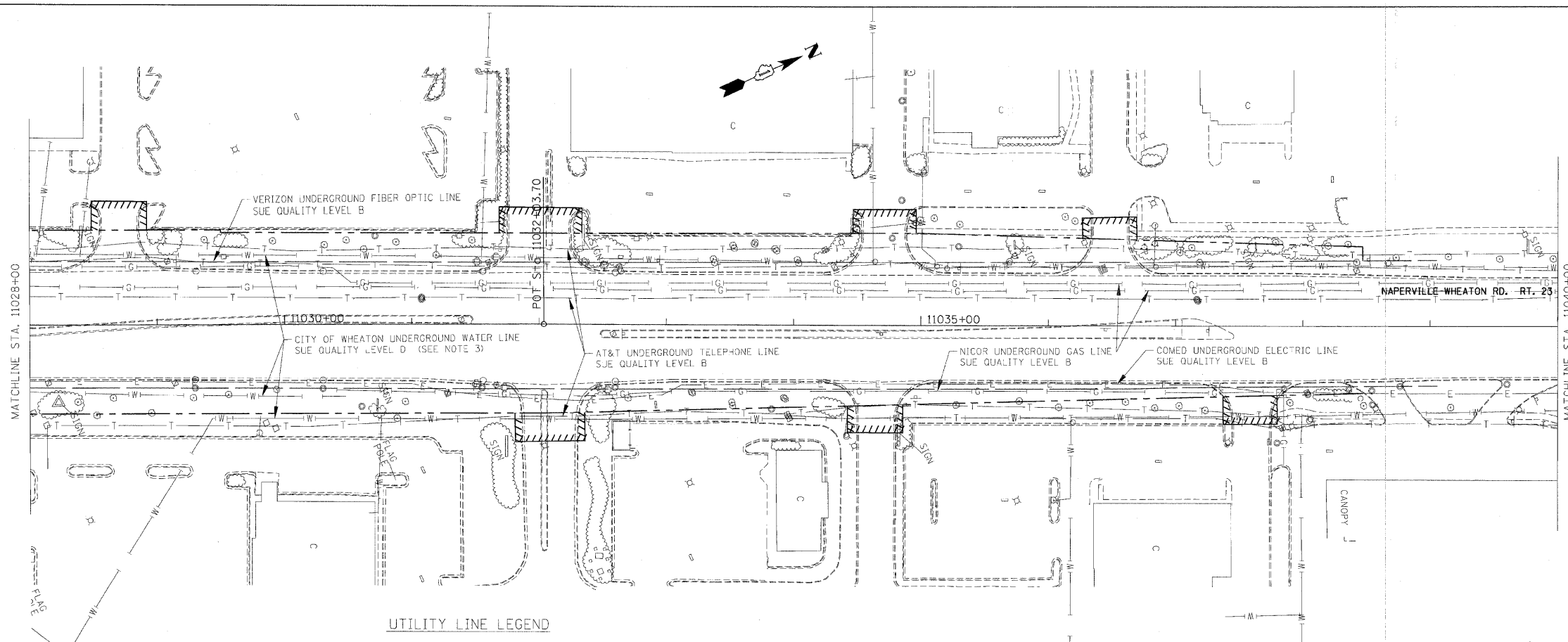
**NAPERVILLE - WHEATON ROAD AT IL ROUTE 56  
UTILITIES**

SCALE: 1" = 50'  
SHEET NO. 10 OF 11 SHEETS  
STA. 11004+00 TO STA. 11028+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			681	250
			CONTRACT NO. 62419	
ILLINOIS FED. AID PROJECT				

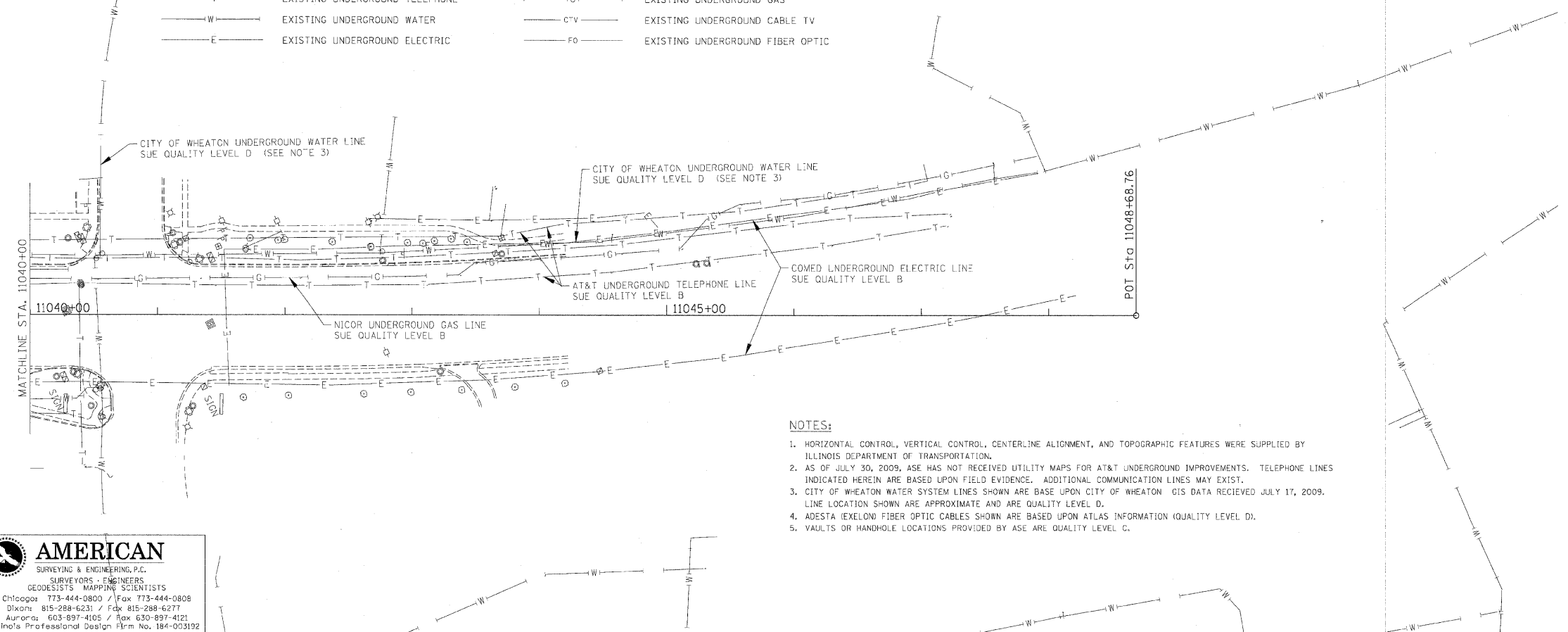
STEVEN M. RIENKS - ILLINOIS PROFESSIONAL  
ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2009





**UTILITY LINE LEGEND**

— T —	EXISTING UNDERGROUND TELEPHONE	— G —	EXISTING UNDERGROUND GAS
— W —	EXISTING UNDERGROUND WATER	— CTV —	EXISTING UNDERGROUND CABLE TV
— E —	EXISTING UNDERGROUND ELECTRIC	— FO —	EXISTING UNDERGROUND FIBER OPTIC



- NOTES:**
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  - ADESTA (EXELON) FIBER OPTIC CABLES SHOWN ARE BASED UPON ATLAS INFORMATION (QUALITY LEVEL D).
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STATE OF ILLINOIS )  
COUNTY OF COOK ) S.S.

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STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2009

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FILE NAME =	USER NAME = tbenk	DESIGNED -	REVISED -
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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

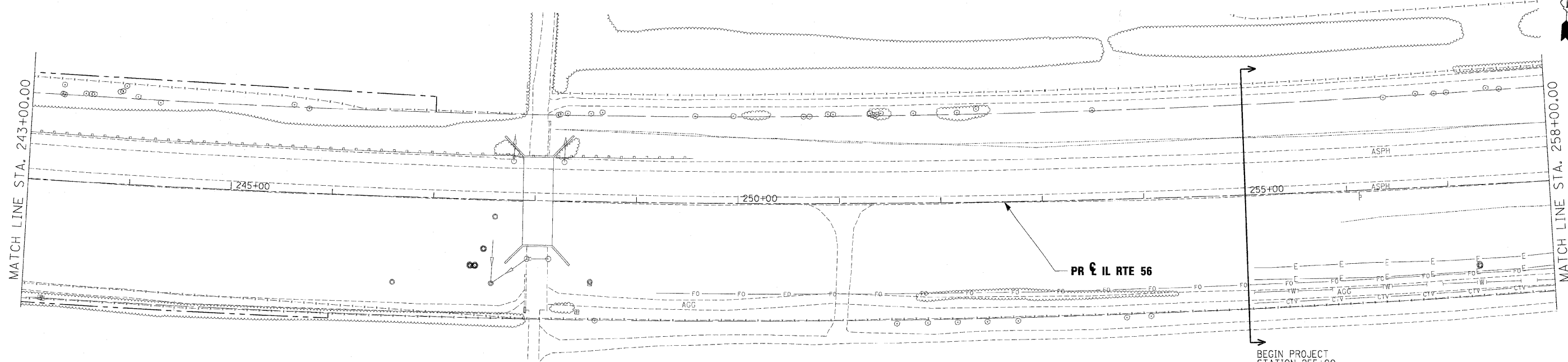
**NAPERVILLE - WHEATON ROAD AT IL ROUTE 56  
UTILITIES SHEET 2**

SCALE: 1" = 50'    SHEET NO. 11 OF 11 SHEETS    STA. 11028+00 TO STA. 11048+68.76

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			681	251
			CONTRACT NO. 62419	
ILLINOIS FED. AID PROJECT				

PLAN	DESIGNED	BY	DATE
	CHECKED		
	NOTED		
	NO.		

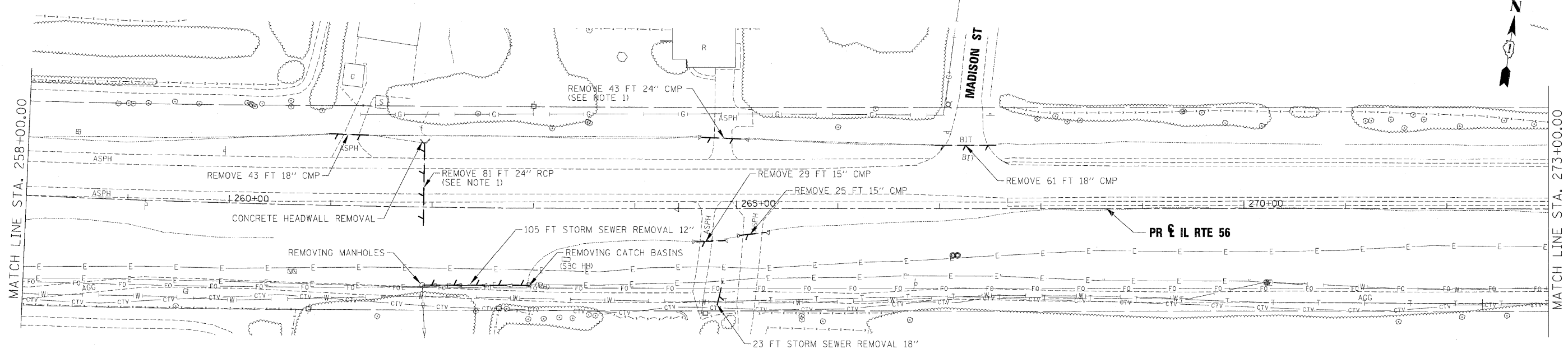
PROFILE	DESIGNED	BY	DATE
	CHECKED		
	NOTED		
	NO.		



**LEGEND**

	SHEET FLOW		6' X 4' RCB		CULVERT SIZE (h x v) TYPE		CATCH BASIN
	SWALE		BRIDGE LOCATION		STORM SEWER		HEADWALL
	DITCH		LOCAL STORM SEWER		INLET		MANHOLE
	CHANNEL		END SECTION		OUTLET		

**NOTES:**  
 1. EXISTING STORM SEWER REMOVAL OR CULVERT REMOVAL WILL NOT BE PAID FOR SEPARATELY WHEN LOCATED WITHIN THE PROPOSED STORM SEWER OR CULVERT TRENCH, THIS WORK TO BE CONSIDERED AS PART OF THE PROPOSED STORM SEWER OR CULVERT INSTALLATION AND WILL NOT BE PAID SEPARATELY.  
 2. STORM SEWER REMOVAL TO BE PAID FOR AS STORM SEWER REMOVAL XX" (PAY ITEM 5510XXXX)



USER NAME *	DESIGNED - KEM	REVISED -
	DRAWN - KEM	REVISED -
PLOT SCALE * 1" = 50'	CHECKED - LSM	REVISED -
PLOT DATE *	DATE - 12/6/10	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

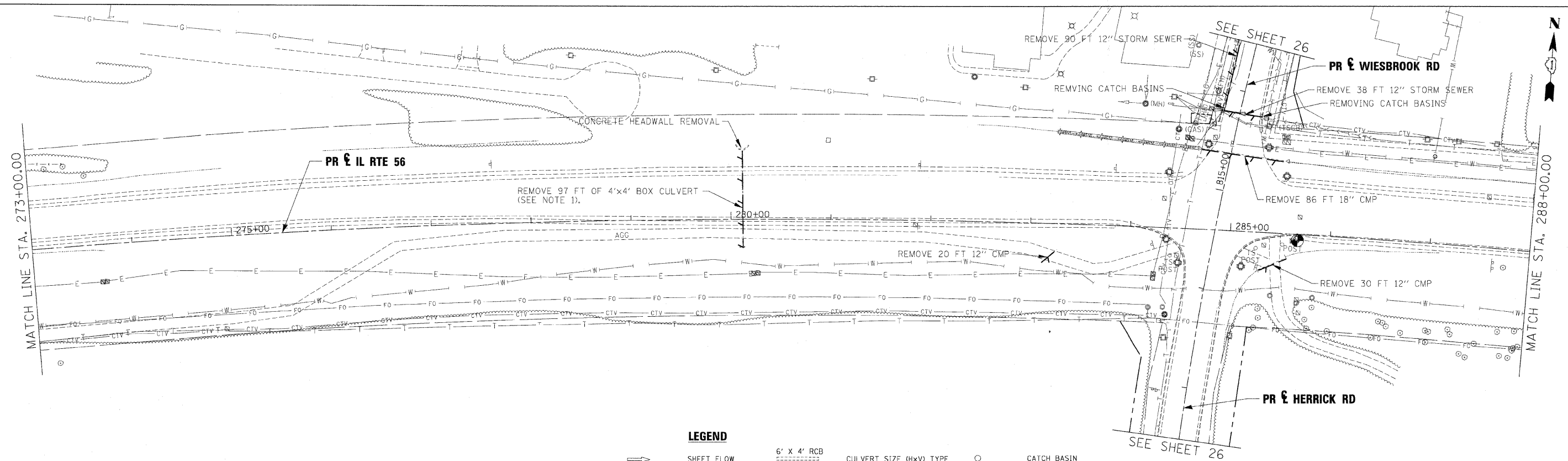
<b>DRAINAGE REMOVAL PLAN IL RTE 56</b>	
SCALE: 1"=50'	SHEET NO. 1 OF 9 SHEETS STA. 243+00.00 TO STA. 273+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	252
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	



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

DATE	BY
SURVEYS	PLOTTED
GRADES	CHECKED
NOTE BOOK	NO.
STRUCTURE	NOTATIONS
PROFIL	

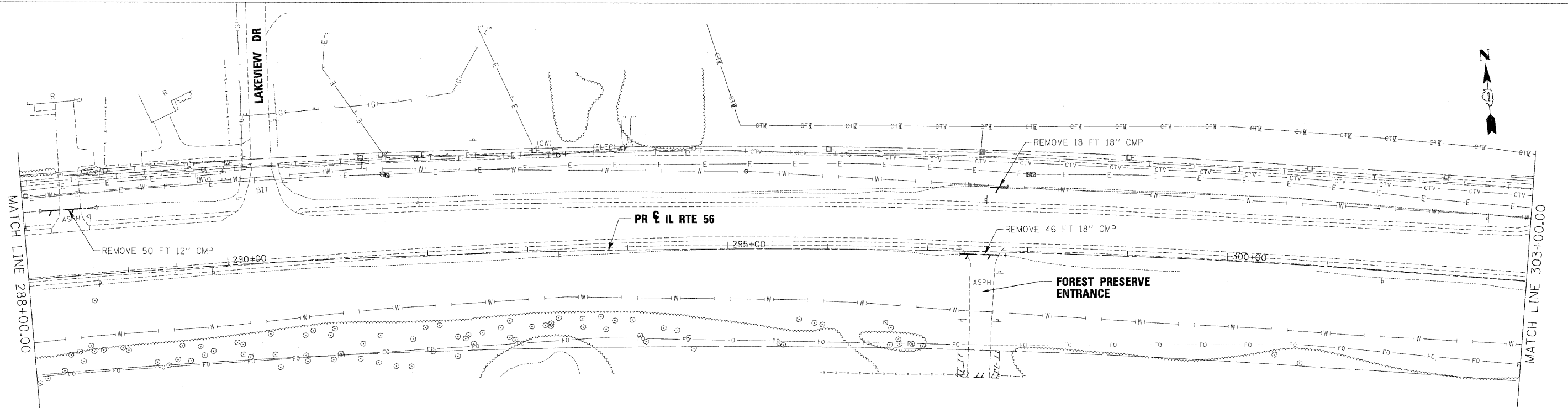


**LEGEND**

	SHEET FLOW		6' X 4' RCB		CATCH BASIN
	SWALE		CULVERT SIZE (HxV) TYPE		HEADWALL
	DITCH		BRIDGE LOCATION		INLET
	CHANNEL		STORM SEWER		MANHOLE
			LOCAL STORM SEWER		
			END SECTION		
			OUTLET		

**NOTES:**

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- STORM SEWER REMOVAL TO BE PAID FOR AS STORM SEWER REMOVAL XX" (PAY ITEM 5510XXXX)



USER NAME =	DESIGNED - KEM	REVISED -
PLOT SCALE = 1" = 50'	DRAWN - KEM	REVISED -
PLOT DATE =	CHECKED - LSM	REVISED -
	DATE - 12/6/10	REVISED -



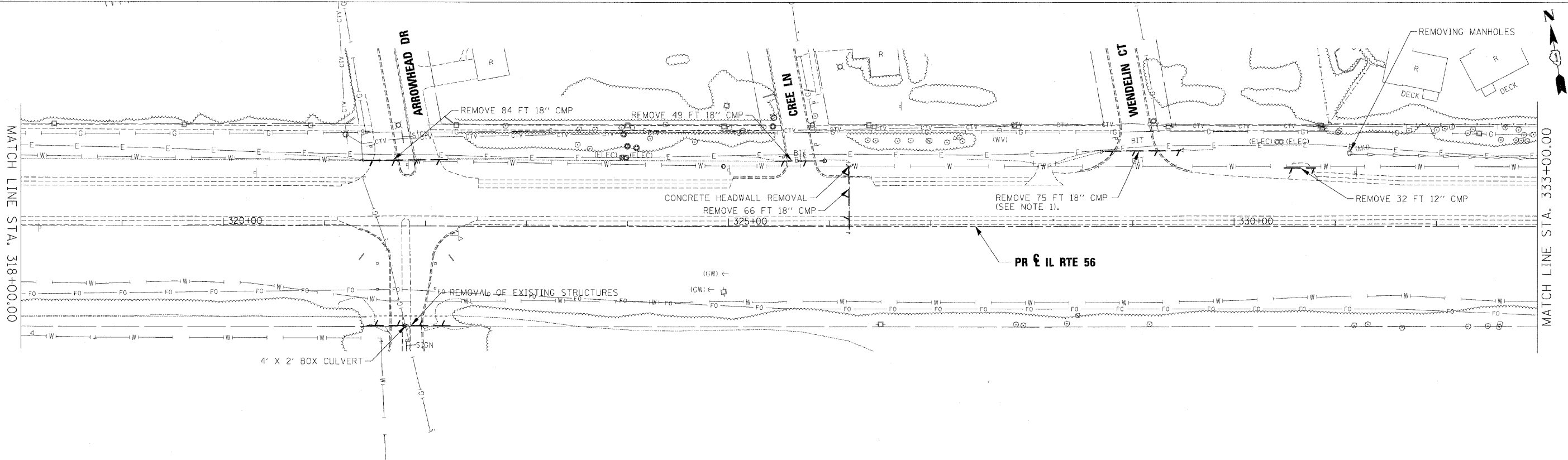
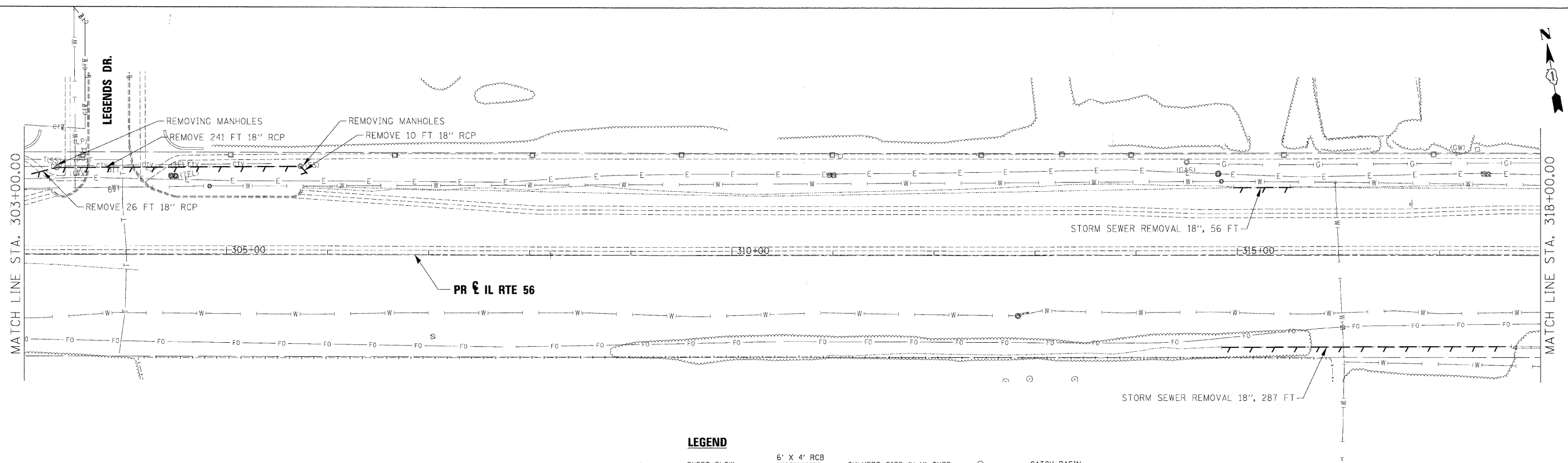
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE REMOVAL PLAN IL RTE 56		
SCALE: 1"=50'	SHEET NO. 2 OF 9 SHEETS	STA. 273+00.00 TO STA. 303+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	253
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	

DATE	BY	REVISIONS
		1. REVISED
		2. PLOTTED
		3. CHECKED
		4. APPROVED
		5. FILED
		6. NO.

DATE	BY	REVISIONS
		1. REVISED
		2. PLOTTED
		3. CHECKED
		4. APPROVED
		5. FILED
		6. NO.



**NOTES:**  
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 2. STORM SEWER REMOVAL TO BE PAID FOR AS STORM SEWER REMOVAL "XX" (PAY ITEM 5510XXXX)

USER NAME	DESIGNED - KEM	REVISED -
	DRAWN - KEM	REVISED -
PLOT SCALE - 1" = 50'	CHECKED - LSM	REVISED -
PLOT DATE	DATE - 12/6/10	REVISED -



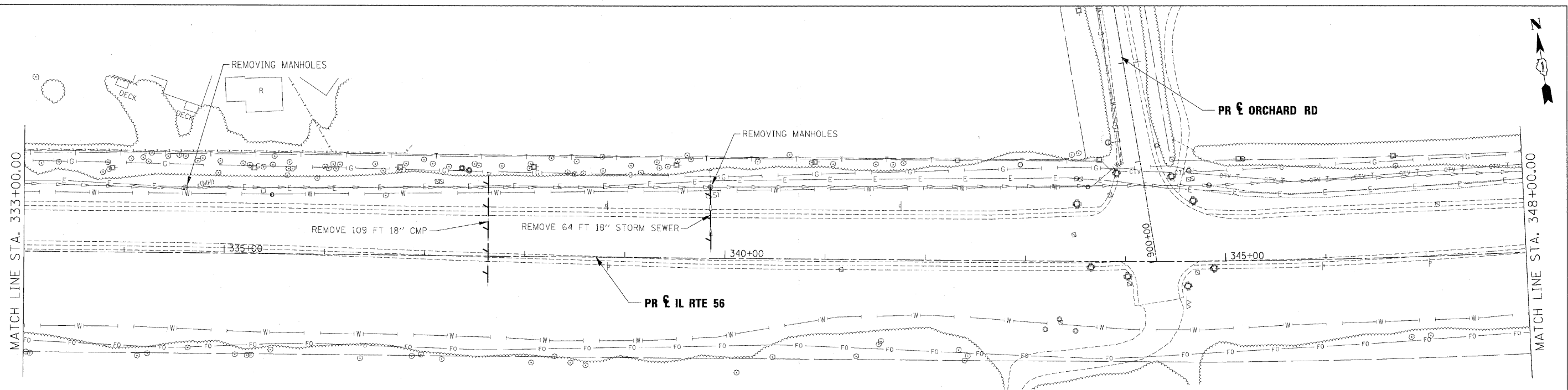
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE REMOVAL PLAN IL RTE 56		
SCALE: 1"=50'	SHEET NO. 3 OF 9 SHEETS	STA. 303+00.00 TO STA. 333+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	254
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	

DATE	
BY	
PLAN	
SURVEY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
NO.	

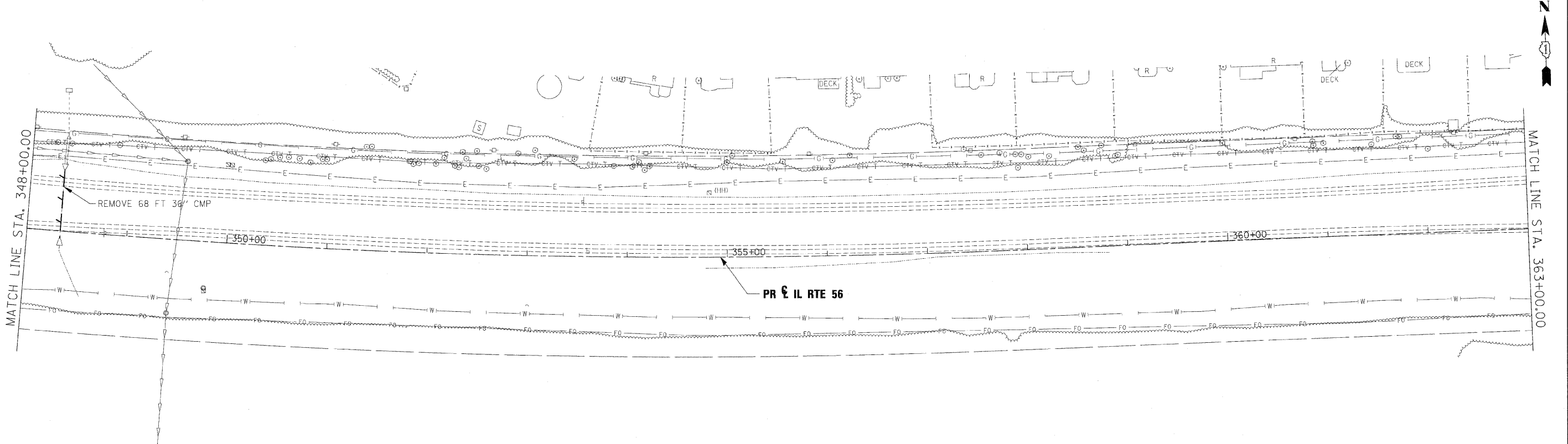
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BY	
PROFIT	
SURVEY	
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DATE	
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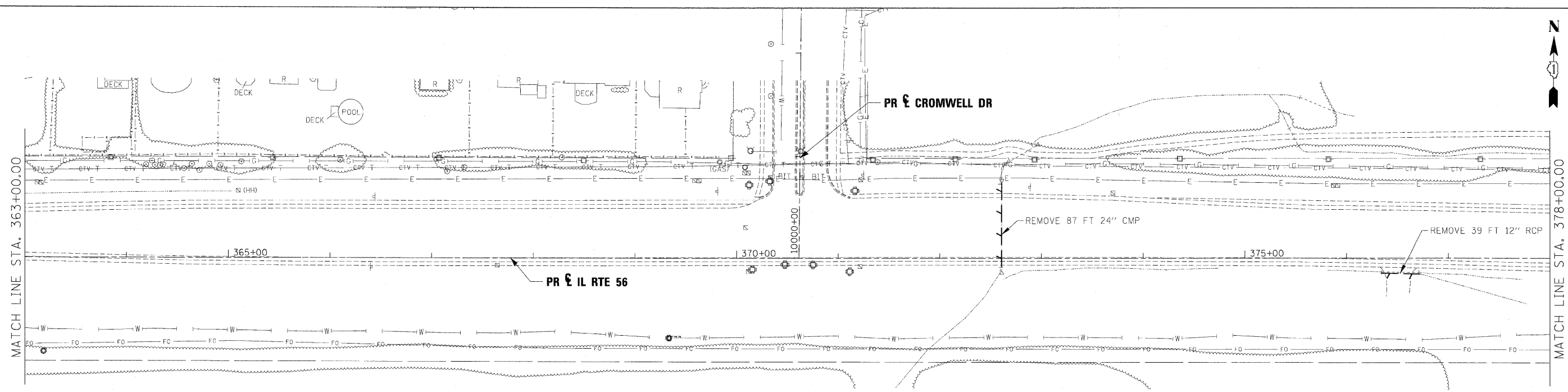
**LEGEND**

	SHEET FLOW		6' X 4' RCB		CATCH BASIN
	SWALE		BRIDGE LOCATION		HEADWALL
	DITCH		STORM SEWER		INLET
	CHANNEL		LOCAL STORM SEWER		MANHOLE
			END SECTION		
			OUTLET		

**NOTES:**  
 1. EXISTING STORM SEWER REMOVAL OR CULVERT REMOVAL WILL NOT BE PAID FOR SEPARATELY WHEN LOCATED WITHIN THE PROPOSED STORM SEWER OR CULVERT TRENCH, THIS WORK TO BE CONSIDERED AS PART OF THE PROPOSED STORM SEWER OR CULVERT INSTALLATION AND WILL NOT BE PAID SEPARATELY.  
 2. STORM SEWER REMOVAL TO BE PAID FOR AS STORM SEWER REMOVAL XX" (PAY ITEM 5510XXXX)



USER NAME =	DESIGNED - KEM	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE REMOVAL PLAN</b> <b>IL RTE 56</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 1"=50'	DRAWN - KEM	REVISED -			365	(57 & 58)WRS-2	DUPAGE	681	255		
PLOT DATE =	CHECKED - LSM	REVISED -			CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT				
	DATE - 12/6/10	REVISED -			SCALE: 1"=50'		SHEET NO. 4 OF 9 SHEETS		STA. 333+00.00 TO STA. 363+00.00		



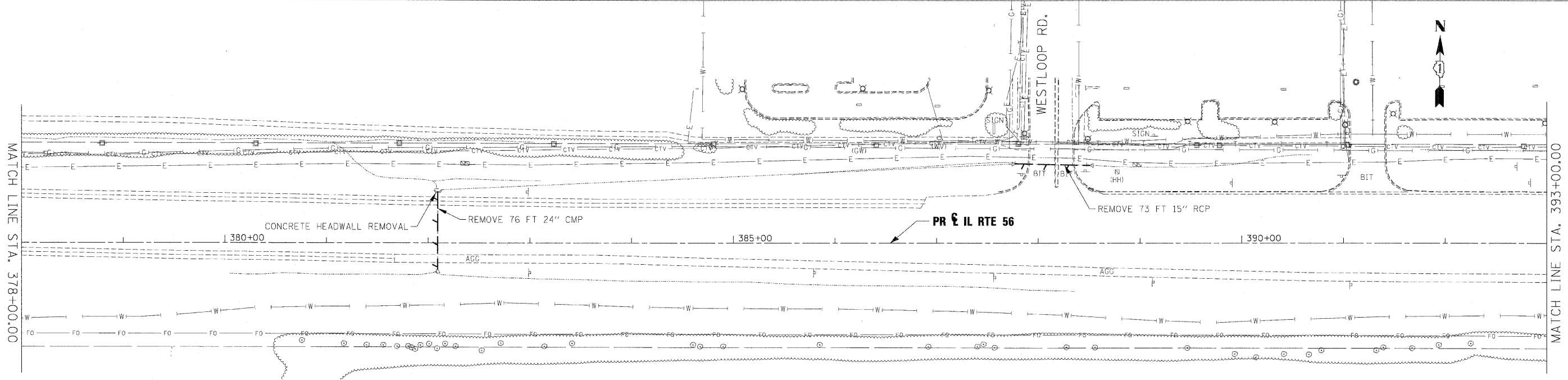
**LEGEND**

	SHEET FLOW		6' X 4' RCB		CATCH BASIN
	SWALE		BRIDGE LOCATION		HEADWALL
	DITCH		STORM SEWER		INLET
	CHANNEL		LOCAL STORM SEWER		MANHOLE
			END SECTION		
			OUTLET		

**NOTES:**  
 1. EXISTING STORM SEWER REMOVAL OR CULVERT REMOVAL WILL NOT BE PAID FOR SEPARATELY WHEN LOCATED WITHIN THE PROPOSED STORM SEWER OR CULVERT TRENCH. THIS WORK TO BE CONSIDERED AS PART OF THE PROPOSED STORM SEWER OR CULVERT INSTALLATION AND WILL NOT BE PAID SEPARATELY.  
 2. STORM SEWER REMOVAL TO BE PAID FOR AS STORM SEWER REMOVAL XX" (PAY ITEM 5510XXXX)

DATE	BY
DESIGNED	KEM
DRAWN	KEM
CHECKED	LSM
DATE	12/6/10

DATE	BY
DESIGNED	KEM
DRAWN	KEM
CHECKED	LSM
DATE	12/6/10



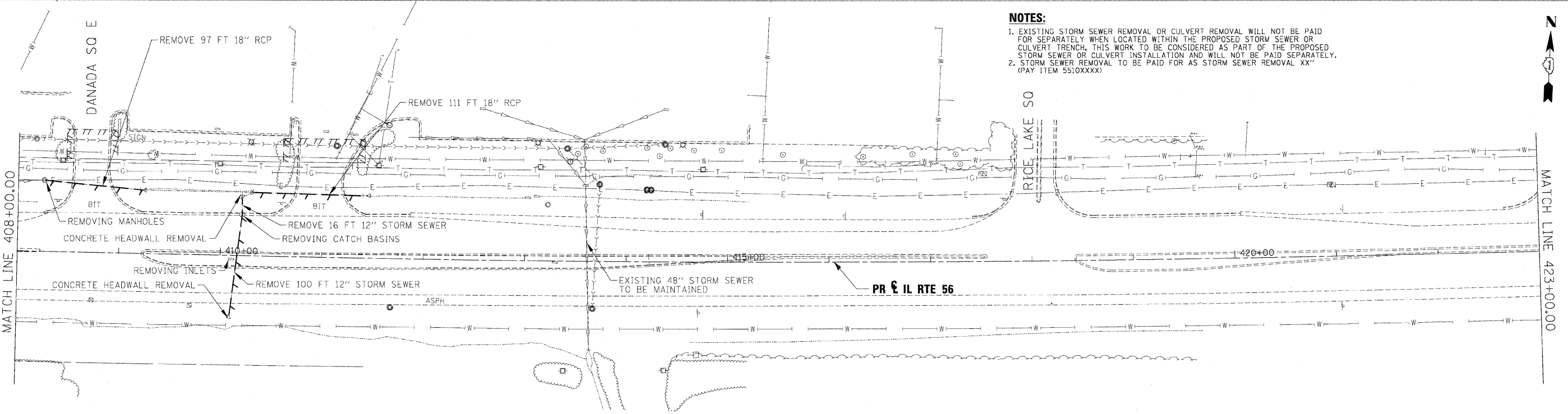
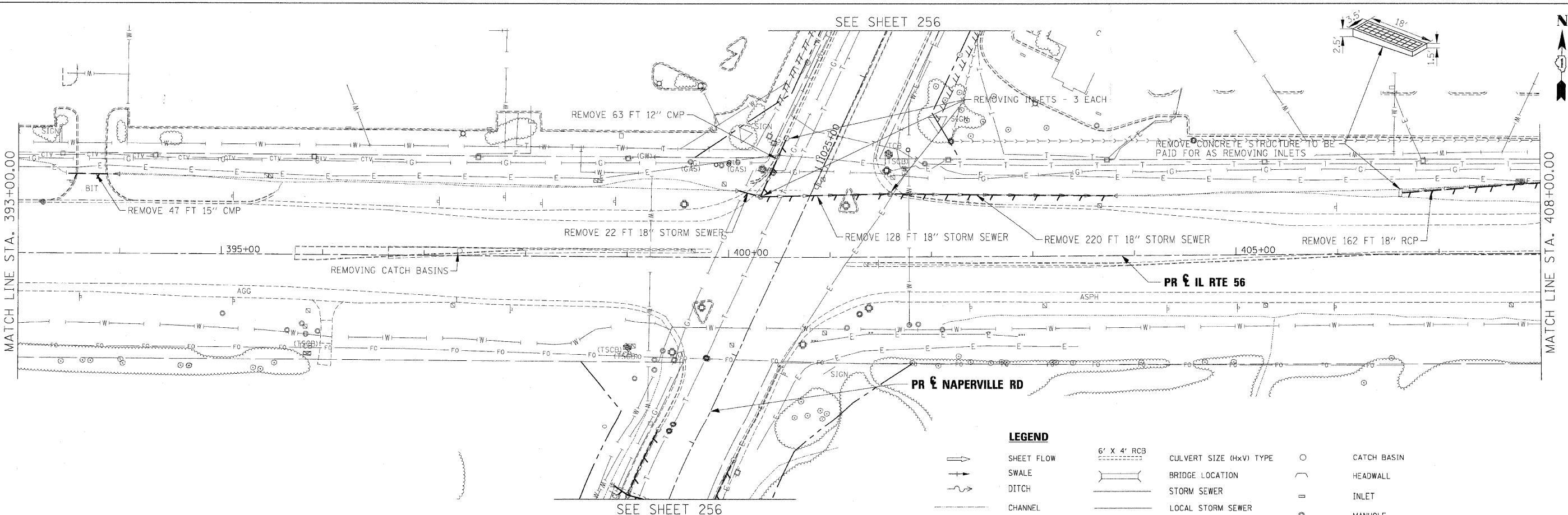
USER NAME *	DESIGNED - KEM	REVISED -
	DRAWN - KEM	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - LSM	REVISED -
PLOT DATE =	DATE - 12/6/10	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE REMOVAL PLAN IL RTE 56</b>	
SCALE: 1"=50'	SHEET NO. 5 OF 9 SHEETS
STA. 363+00.00 TO STA. 393+00.00	

F.A.P. RTE. 365	SECTION (57 & 58)WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 256
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	



**LEGEND**

	SHEET FLOW		6' X 4' RCB		CATCH BASIN
	SWALE		BRIDGE LOCATION		HEADWALL
	DITCH		STORM SEWER		INLET
	CHANNEL		LOCAL STORM SEWER		MANHOLE
			END SECTION		
			OUTLET		

**NOTES:**

- EXISTING STORM SEWER REMOVAL OR CULVERT REMOVAL WILL NOT BE PAID FOR SEPARATELY WHEN LOCATED WITHIN THE PROPOSED STORM SEWER OR CULVERT TRENCH. THIS WORK TO BE CONSIDERED AS PART OF THE PROPOSED STORM SEWER OR CULVERT INSTALLATION AND WILL NOT BE PAID SEPARATELY.
- STORM SEWER REMOVAL TO BE PAID FOR AS STORM SEWER REMOVAL XX" (PAY ITEM 5510XXXX)

PLAN

DATE	BY
DESIGNED	PLOTTED
CHECKED	FILED
NO.	NO.

PROFILE

DATE	BY
DESIGNED	PLOTTED
CHECKED	FILED
NO.	NO.

USER NAME =	DESIGNED - KEM	REVISED -
DESIGNED - KEM	DRAWN - KEM	REVISED -
PLLOT SCALE = 1" = 50'	CHECKED - LSM	REVISED -
PLLOT DATE =	DATE 12/6/10	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

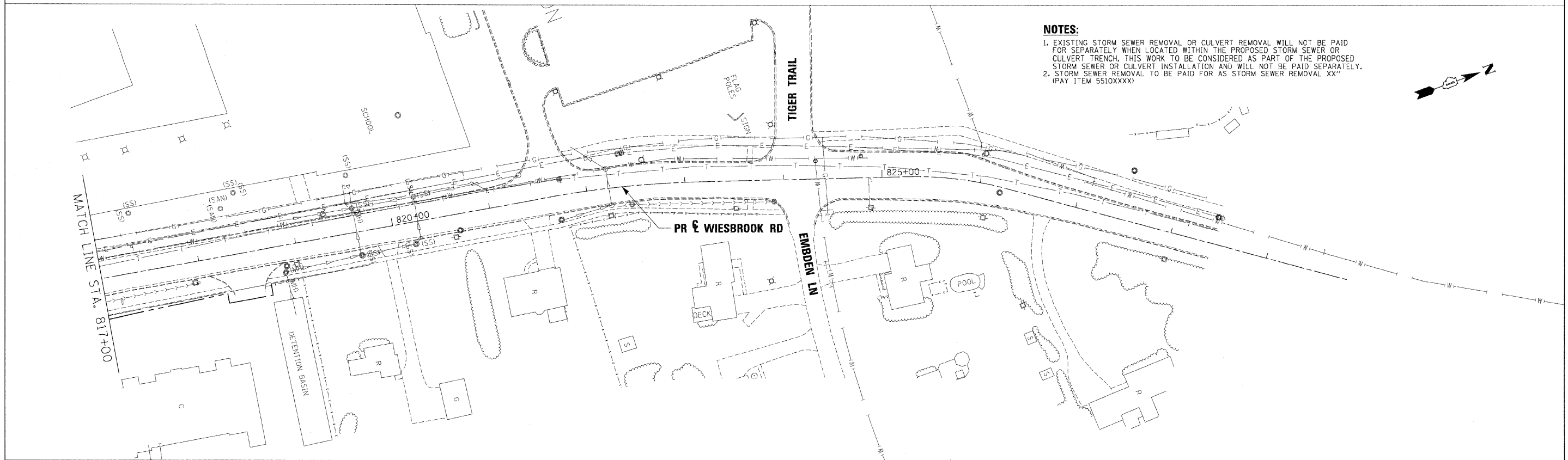
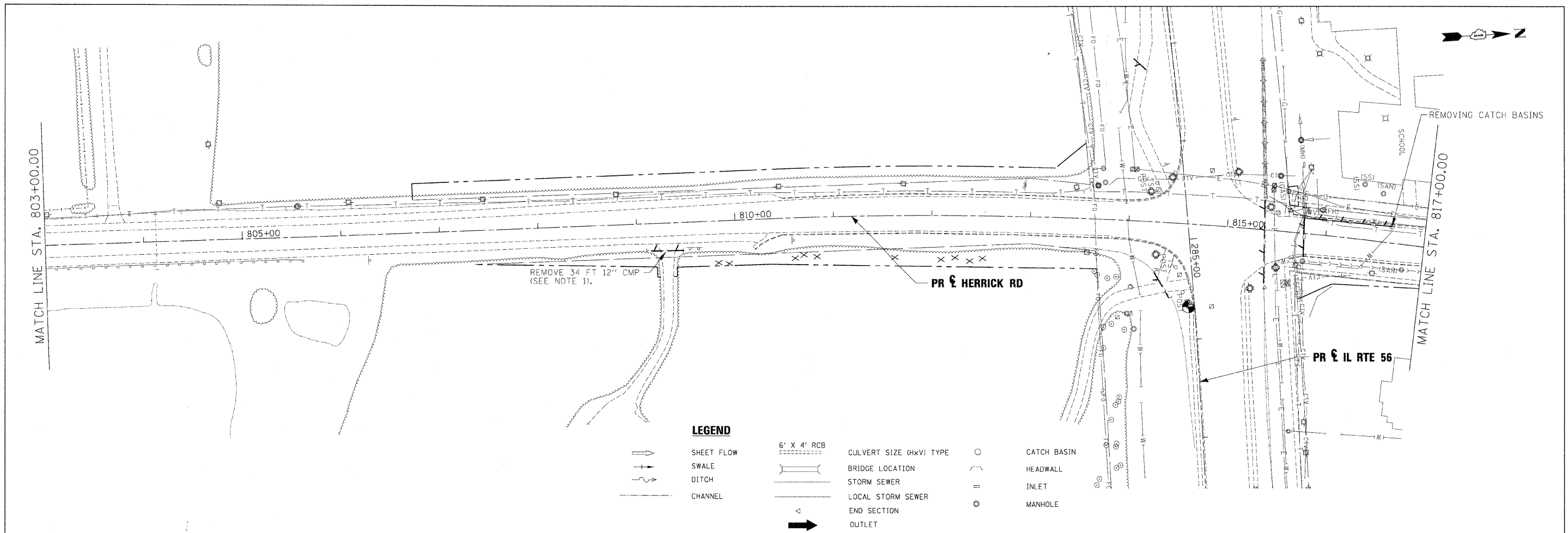
**DRAINAGE REMOVAL PLAN  
IL RTE 56**

SCALE: 1"=50' SHEET NO. 6 OF 9 SHEETS STA. 393+00.00 TO STA. 423+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	257
CONTRACT NO.			62419	
ILLINOIS FED. AID PROJECT				

PLAN	DESIGNED	DATE
	PLOTTED	
	ALIGNMENT CHECKED	
	NOTE BOOK	
	PAID FULL NAME	
	NO.	

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



USER NAME =	DESIGNED - KEM	REVISED -
	DRAWN - KEM	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - LSM	REVISED -
PLOT DATE =	DATE - 12/6/10	REVISED -



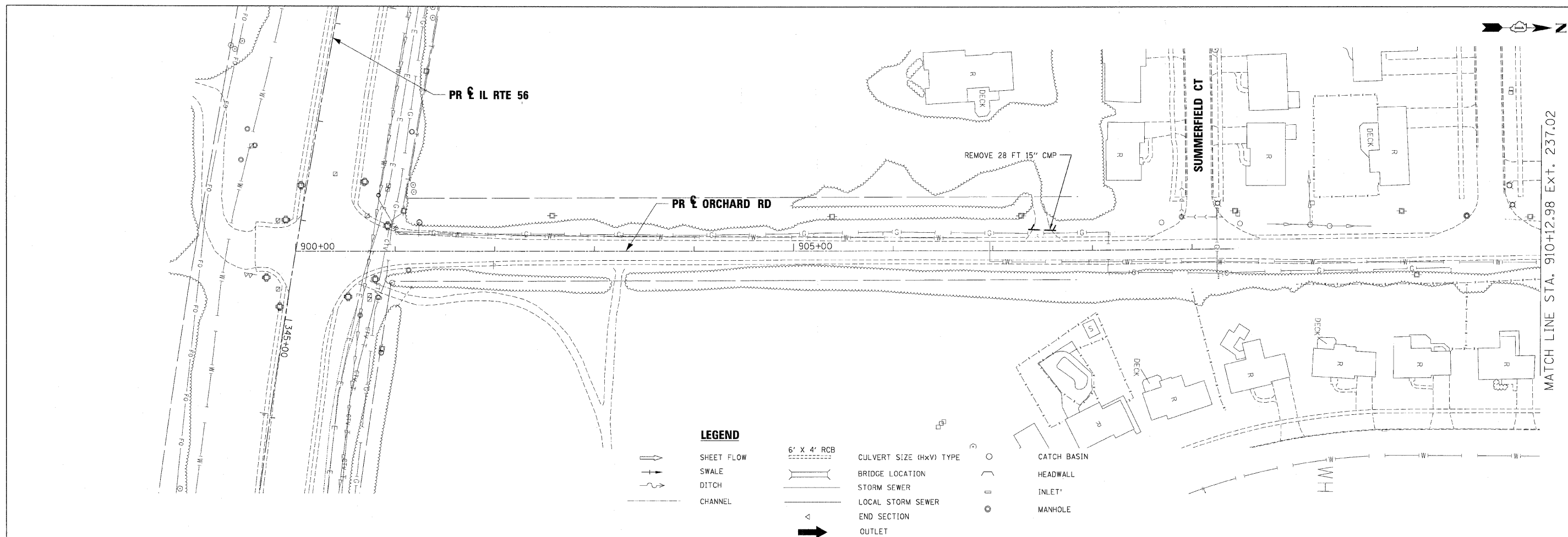
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DRAINAGE REMOVAL PLAN IL RTE 56</b>	
SCALE: 1"=50'	SHEET NO. 7 OF 9 SHEETS STA. 803+00.00 TO STA. 829+84.41

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	258
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	NOTED	
	ALIGNED	
	CHECKED	
	NO. 10	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	NOTED	
	ALIGNED	
	CHECKED	
	NO. 10	
	FILE NAME	
	NO.	

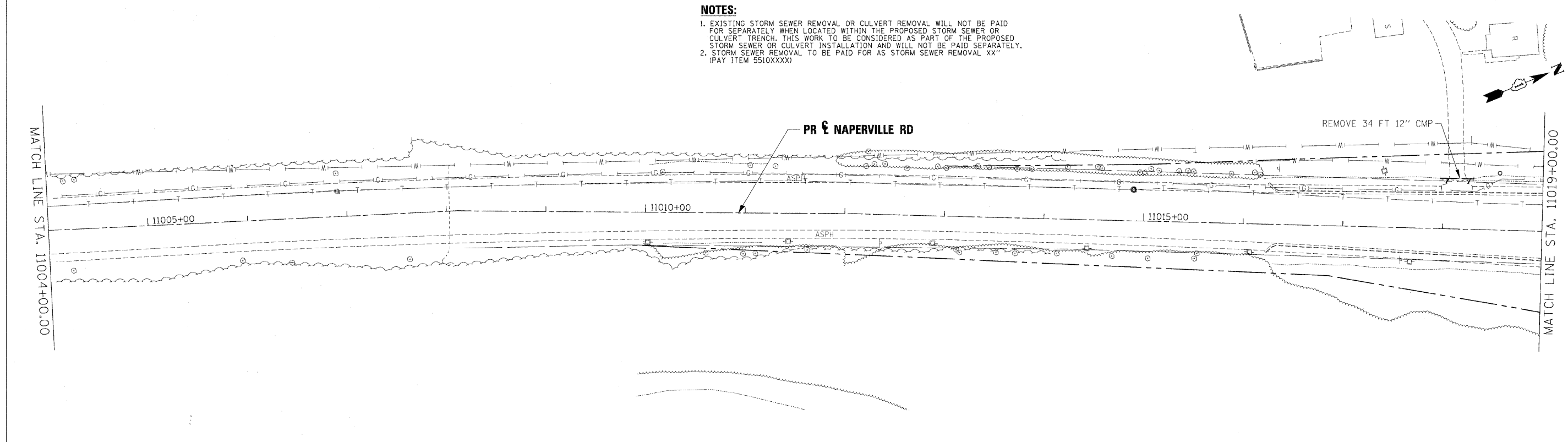


**LEGEND**

	SHEET FLOW		6' X 4' RCB		CULVERT SIZE (HxV) TYPE		CATCH BASIN
	SWALE		BRIDGE LOCATION		STORM SEWER		HEADWALL
	DITCH		LOCAL STORM SEWER		END SECTION		INLET
	CHANNEL		OUTLET				MANHOLE

**NOTES:**

- EXISTING STORM SEWER REMOVAL OR CULVERT REMOVAL WILL NOT BE PAID FOR SEPARATELY WHEN LOCATED WITHIN THE PROPOSED STORM SEWER OR CULVERT TRENCH. THIS WORK TO BE CONSIDERED AS PART OF THE PROPOSED STORM SEWER OR CULVERT INSTALLATION AND WILL NOT BE PAID SEPARATELY.
- STORM SEWER REMOVAL TO BE PAID FOR AS STORM SEWER REMOVAL XX\* (PAY ITEM 5510XXXX)

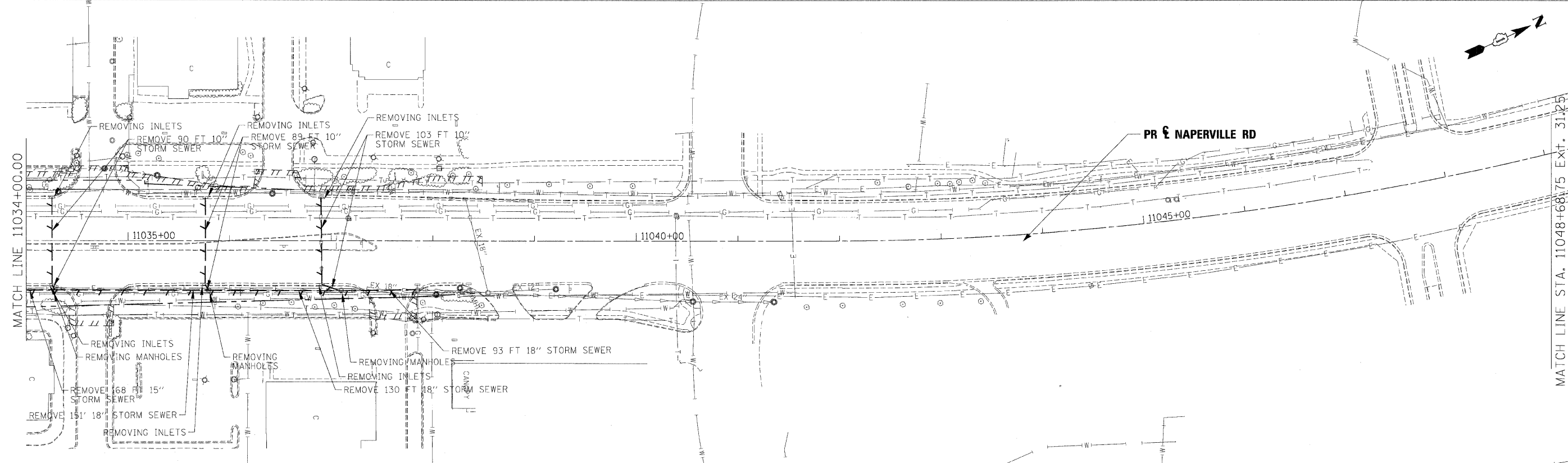
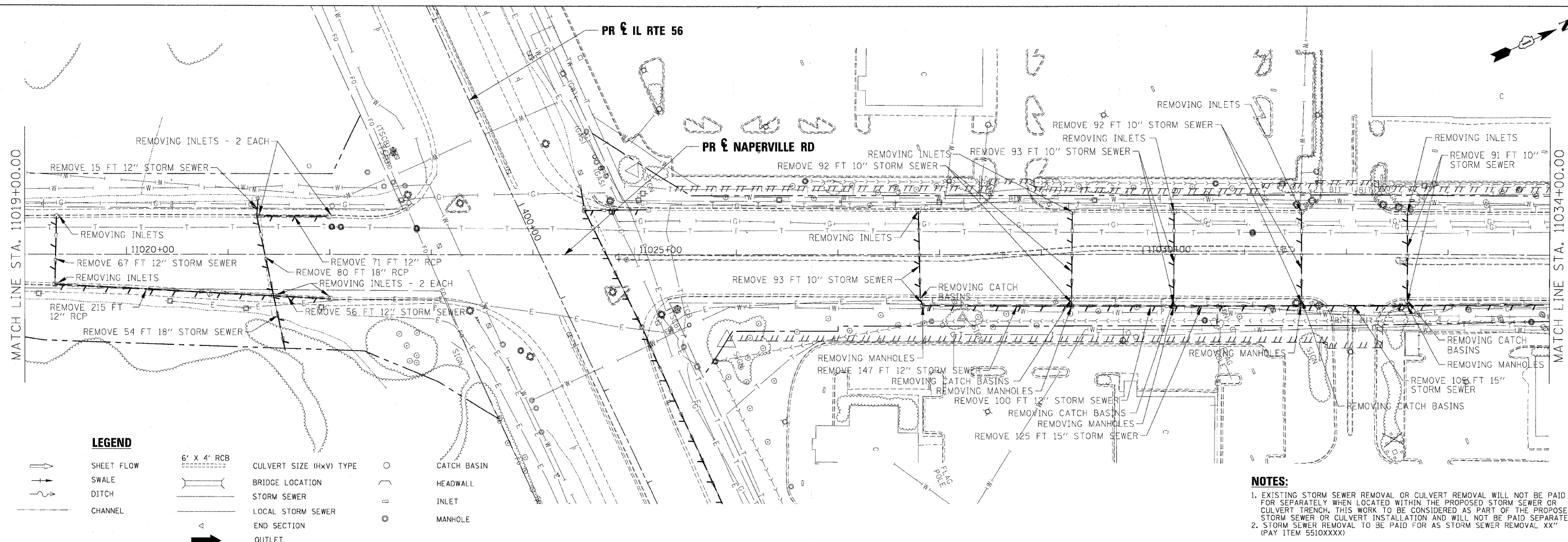


USER NAME =	DESIGNED - KEM	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE REMOVAL PLAN</b> <b>IL RTE 56</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLLOT SCALE = 1" = 50'	DRAWN - KEM	REVISED -			365	(57 & 58)WRS-2	DUPAGE	681	259		
PLLOT DATE =	CHECKED - LSM	REVISED -			SCALE: 1"=50' SHEET NO. 8 OF 9 SHEETS STA. 11004+00.00 TO STA. 11019+00.00		CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT		
	DATE - 12/6/10	REVISED -									



PLAN	DATE
SUBJECT	BY
DESIGNED	PLOTTED
CHECKED	DATE
NO.	

PROFILE	DATE
DESIGNED	BY
CHECKED	PLOTTED
NO.	



**NOTES:**  
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USER NAME *	DESIGNED - KEM	REVISED -
	DRAWN - KEM	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - LSM	REVISED -
PLOT DATE =	DATE - 12/6/10	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE REMOVAL PLAN  
IL RTE 56

SCALE: 1"=50' SHEET NO. 9 OF 9 SHEETS STA. 11019+00.00 TO STA. 11048+68.75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	260
CONTRACT NO.			62419	
ILLINOIS FED. AID PROJECT				



DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 PLAN: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 NO.: \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 PROFILE: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 GRADE'S CHECKED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 NO.: \_\_\_\_\_  
 STRUCTURE: \_\_\_\_\_  
 NOTATIONS CHECKED: \_\_\_\_\_

STRUCTURE NO.	STATION	OFFSET	RIM ELEV	STRUCTURE TYPE	NORTH	SOUTH	EAST	WEST	NOTES	
S-25525	255+25	65.3	RT	759.39	CB TC T8G					
S-25800A	258+00	49	RT	759.38	CB TC T10F&G		756.32	757.3		
S-25800	258+00	58	RT	761.63	MAN TA 4 DIA T1F CL	756.22		756.08	756.08	
	258+50	58	RT		R C PIPE TEE 12P 12R	755.73				
S-25850	258+50	0		760.26	CB TC T8G		756.26			
S-26050	260+50	58	RT	758.06	MAN TA 4 DIA T1F CL	754.34		754.24	754.24	
S-26050A	260+50	49	RT	757.78	CB TC T10F&G		754.48			
S-26100	261+00	68	RT		PRC FLAR END SEC 12			753.89		
S-261A	260+93	74.9	LT		PRC FLAR END SEC 18			751.92		
S-261B	261+77	78.3	LT		PRC FLAR END SEC 18			750.34		
S-261C	260+93	74.9	LT		GRATING-C FL END S 18					
S-261D	261+77	78.3	LT		GRATING-C FL END S 18					
S-26166	261+66	0		758.53	CB TC T8G		755.03			
S-26193A	261+93	74	LT		PRC FLAR END SEC 24	750.09				
S-26193B	261+93	74	LT		GRATING-C FL END S 24					
S-26193	261+91	76.24	RT	752.72	MAN TA 5 DIA T8G	749.61		747.98*		
S-26300	263+00	72.44	RT		PRC FLAR END SEC 18			753.14		
S-26350	263+50	58	RT	758.74	MAN TA 4 DIA T1F CL	753.96		753.86	753.86	
S-26350A	263+50	49	RT	758.49	CB TC T10F&G		754.11			
S-264	264+51	69.6	LT		PRC FLAR END SEC 18			755.73		
S-264A	264+51	69.6	LT		GRATING-C FL END S 18					
S-26481	264+81	93.7	RT		PRC FL END S EQ RS 18	762.07			ITEM # 54214503	
S-265	265+21	69.6	LT		PRC FLAR END SEC 18			756.35		
S-265A	265+21	69.6	LT		GRATING-C FL END S 18					
S-26500	265+00	58	RT	762.6	MAN TA 5 DIA T1F CL	756.1	757.29	756.51	756	
S-26500A	265+00	49	RT	760.18	CB TC T10F&G		756.68			
S-266	266+90	68.04	LT		PRC FLAR END SEC 18			759.17		
S-266A	266+90	68.04	LT		GRATING-C FL END S 18					
S-267	267+66	68.21	LT		PRC FLAR END SEC 18			759.57		
S-267A	267+66	68.21	LT		GRATING-C FL END S 18					
S-26750	267+50	58	RT	765.1	MAN TA 4 DIA T1F CL	758.6		758.5		
S-26750A	267+50	49	RT	762.85	CB TC T10F&G		758.85			
S-26800	268+00	0		764.45	CB TC T8G	760.45				
S-26800A	268+00	64.6	LT		PRC FLAR END SEC 12	759.82				
S-27250	272+50	49	RT	763.27	CB TC T10F&G			758.27		
S-27300	273+00	71.5	RT		PRC FLAR END SEC 12			758.88		
S-27496	274+96	72.64	RT		PRC FLAR END SEC 15	756.33				
S-27496A	274+96	72.6	RT		GRATING-C FL END S 15					
S-27496B	274+96	97.25	RT		PRC FLAR END SEC 15		755.7			
S-27496C	274+96	97.25	RT		GRATING-C FL END S 15					
S-27707	277+07	0.00		761.3	CB TC T8G			757.36		
S-27708	277+08	93.37	RT		PRC FLAR END SEC 12		754.62			
S-28050	280+50	4.30	LT	764.64	CB TC T11V F&G			760.64		
	284+84	80.12	LT		R C PIPE TEE 18P 12R					
S-284	284+01	82.00	LT		PRC FLAR END SEC 18			762.21	18" DIA PIPE	
S-284A	284+01	82.00	LT		GRATING-C FL END S 18					
S-285	285+80	79.00	LT		PRC FLAR END SEC 18			767.72	18" DIA PIPE	
S-285A	285+80	79.00	LT		GRATING-C FL END S 18					
S-28600	286+00	9.00	RT	772.86	CB TC T11V F&G	768.86				
S-28600A	286+00	70.67	LT		PRC FLAR END SEC 12	767.81				
S-286B	288+03	73.40	LT		PRC FLAR END SEC 15			768.7		
S-286D	288+03	73.40	LT		GRATING-C FL END S 15					
S-288A	288+84	68.90	LT		PRC FLAR END SEC 15			768.97		
S-288C	288+84	68.90	LT		GRATING-C FL END S 15					
S-29000	290+00	0.90	RT	772.51	CB TC T11V F&G		768.49			
S-29000A	290+00	68.00	RT		PRC FLAR END SEC 12		767.01			
S-29700	297+00	0.00		760.88	CB TC T8G		756.86			
S-29700A	297+00	70.01	RT		PRC FLAR END SEC 12		755.81			
S-297	297+20	72.81	RT		PRC FLAR END SEC 18			755.5		
S-297A	297+20	72.81	RT		GRATING-C FL END S 18					
S-297B	297+97	70.61	RT		PRC FLAR END SEC 18			754.26		
S-297C	297+97	70.61	RT		GRATING-C FL END S 18					
S-30000	300+00	3.60	RT	755.99	CB TC T8G		751.97			
S-30000A	300+00	65.70	RT		PRC FLAR END SEC 12		751.01			
S-30300	303+00	6.50	LT	754.41	MAN TA 5 DIA T8G	748.59	748.59		ALONG ANIMAL CROSSING, FLAT SLAB TOP.	
S-30300A	303+00	68.60	RT				748.78		24" DIA EQUIVALENT PIPE SHALL BE CUT TO MATCH THE EMBANKMENT SLOPE. NO COMPENSATION FOR CUTTING.	
S-30300B	303+00	69.60	LT			748.44			24" DIA EQUIVALENT PIPE SHALL BE CUT TO MATCH THE EMBANKMENT SLOPE. NO COMPENSATION FOR CUTTING.	
S-303	303+07	73.12	LT		PRC FLAR END SEC 21			747.91	21" DIA PIPE SHALL BE CUT TO MATCH THE EMBANKMENT SLOPE. NO COMPENSATION FOR CUTTING.	
S-303A	303+07	73.12	LT		GRATING-C FL END S 21					
S-304	304+68	74.13	LT		PRC FLAR END SEC 21			747.34	21" DIA PIPE SHALL BE CUT TO MATCH THE EMBANKMENT SLOPE. NO COMPENSATION FOR CUTTING.	
S-304A	304+68	74.13	LT		GRATING-C FL END S 21					
S-31000	310+00	0.00		751.57	CB TC T8G			747.04		
S-31000A	310+00	71.06	RT		PRC FLAR END SEC 12		744.86			
S-31650	316+50	0.00		749.19	CB TC T8G		744.2			
S-31650A	316+50	69.66	RT		PRC FLAR END SEC 12		742.91			
S-32100	321+00	9.00	LT	747.17	CB TC T11V F&G		742.94			
S-32100A	320+89	68.69	RT		PRC FLAR END SEC 12		741.56			
S-321	320+77	71.50	LT		PRC FLAR END SEC 24			742.05	24" DIA PIPE SHALL BE CUT TO MATCH THE EMBANKMENT SLOPE. NO COMPENSATION FOR CUTTING.	
S-321A	320+77	71.50	LT		GRATING-C FL END S 24					
S-321B	321+27	71.63	LT	745.08	MAN TA 5 DIA T8G			741.9	741.92	FLAT SLAB TOP
S-3217A	321+28	74.05	RT		PRC FLAR END SEC 27				741.48	
S-32127A	321+28	74.05	RT		GRATING-C FL END S 27					
S-32127B	321+28	80.05	RT		PRC FLAR END SEC 27				741.48	
S-32127C	321+28	80.05	RT		GRATING-C FL END S 27					
S-322	322+40	82.54	LT		PRC FLAR END SEC 24			741.56		
S-322A	322+40	82.54	LT		GRATING-C FL END S 24					
S-32237	322+37	77.45	RT		PRC FLAR END SEC 27			741.15		
S-32237A	322+37	77.45	RT		GRATING-C FL END S 27					
S-32237B	322+37	83.45	RT		PRC FLAR END SEC 27			741.15		
S-32237C	322+37	83.45	RT		GRATING-C FL END S 27					
S-32250	322+50	9.00	RT	746.95	CB TC T11V F&G			742.71		
S-32250A	322+50	69.38	RT		PRC FLAR END SEC 12			741.11		
S-32500	325+11	87.50	LT		PRC FLAR END SEC 24				740.75	
S-32500A	325+11	87.50	LT		GRATING-C FL END S 24					
S-32600	326+00	73.35	RT		PRC FLAR END SEC 24			740.2		
S-32600A	326+00	73.35	RT		GRATING-C FL END S 24					
S-32624	326+24	89.16	LT		PRC FLAR END SEC 24			740.55		
S-32624A	326+24	89.16	LT		GRATING-C FL END S 24					
S-32650	326+50	84.47	LT		PRC FLAR END SEC 24			740.51		
S-32650A	326+50	84.47	LT		GRATING-C FL END S 24					
S-32700	327+00	4.30	LT	748.28	CB TC T8G			744.24		
S-32700A	327+00	74.79	RT		PRC FLAR END SEC 12			740.4		
S-328	328+47	79.32	LT		PRC FLAR END SEC 15				741.55	
S-328A	328+47	79.32	LT		GRATING-C FL END S 15					
S-329	329+50	74.06	LT	744.41	MAN TA 4 DIA T8G			742.07	742.07	
S-33000	330+00	0.00		748.67	CB TA 4 DIA T8G			742.24		
S-33000A	330+00	72.95	RT		PRC FLAR END SEC 12			741.34		
S-330	330+11	73.30	LT		PRC FLAR END SEC 15			742.38		
S-330A	330+11	73.30	LT		GRATING-C FL END S 15					
S-33115	331+15	70.50	LT	742.7	MAN TA 4 DIA T1F CL			734.04*		
S-33275	332+75	67.04	LT	743.83	MAN TA 4 DIA T1F CL	735.95		733.98*	733.98*	
S-33275A	332+75	78.95	LT	740.32	CB TC T8G			736.32		
S-33462	334+62	63.00	LT	745.03	MAN TA 4 DIA T1F CL			733.84*	733.64*	
S-33500	335+00	0.00		748.52	CB TA 4 DIA T8G			742.5		
S-33500A	335+00	76.96	RT		PRC FLAR END SEC 12			739.84		
S-33750	337+50	81.24	RT		PRC FLAR END SEC 18			737.56		
S-33750A	337+50	81.24	RT		GRATING-C FL END S 18					
S-33750B	337+50	92.70	LT		PRC FLAR END SEC 18			737.01		
S-33750C	337+50	92.70	LT		GRATING-C FL END S 18					
S-33986	339+86.20	68.40	LT	742.18	MAN TA 6 DIA T1F CL			741.00	732.18*	
S-34000	340+00	4.90	LT	747.45	CB TC T8G			743.41		
S-33984	339+84.27	94.00	LT		R & REIN CON FL ENDS			MATCH EX	REMOVE AND RE-INSTALL CONC. FLARED END SECT.	
S-34250	342+50	9.00	LT	746.36	CB TA 4 DIA T11V F&G			740.34	740.44	
S-34250A	342+50	72.30	RT		PRC FLAR END SEC					







DATE	BY
REVISIONS	PLANNED
ALIGNED	CHECKED
NOTE BOOK	NO.
CADD FILE NAME	

DATE	BY
REVISIONS	PLANNED
GRAD'S CHECKED	
STRUCTURE	NOTATION
NO.	

TRANSVERSE UNDERDRAINS					
STATION	OFFSET	PIPE UNDERDRAINS 4" - FT	PIPE UNDERDRAINS 4" (SPECIAL) - FT	CONCRETE HEADWALL FOR PIPE DRAINS - EA	NOTES
257+00	LT	26	25	1	
258+00	RT	26	10	CB	
259+00	LT	26	25	1	
260+50	RT	26	10	CB	
261+66	RT	26	25	1	SAG
261+66	LT	26	25	1	SAG
263+00	LT	26	25	1	
263+50	RT	36	12	CB	
265+00	RT	37	9	CB	
266+00	LT	26	25	1	
267+50	RT	39	10	CB	
269+00	LT	26	25	1	
270+50	RT	26	10	CB	
272+00	LT	26	25	1	
272+50	RT	26	10	CB	
274+00	LT	26	25	1	
274+00	RT	26	25	1	
276+97	LT	26	25	1	SAG (277+07)
276+97	RT	26	55	1	SAG (277+07)
280+00	LT	39	25	1	
280+00	RT	44	36	1	
283+00	LT	25	25	1	
283+00	RT	62	28	1	
286+10	LT	61	19	1	
286+10	RT	25	25	1	OUTLET @ 283+50
287+00	LT	61	19	1	
287+00	RT	25	25	1	
289+90	RT	26	25	1	
290+00	LT	44	27	1	
293+00	LT	26	25	1	
293+00	RT	27	24	1	
296+00	LT	26	25	1	
296+00	RT	38	19	1	
299+00	LT	38	25	1	
299+00	RT	26	25	1	
302+00	LT	28	25	1	
302+00	RT	36	25	1	
305+00	LT	37	20	1	
305+00	RT	26	25	1	
308+00	LT	31	22	1	
308+00	RT	26	25	1	
311+00	LT	26	25	1	
311+00	RT	26	25	1	
314+00	LT	26	25	1	
314+00	RT	26	25	1	
317+00	LT	26	25	1	
317+00	RT	31	25	1	
319+00	LT	26	25	1	
319+00	RT	45	25	1	
322+06	LT	45	36	CB	SAG
322+06	RT	39	34	1	SAG
324+80	LT	43	37	1	
324+80	RT	31	25	1	
328+00	LT	26	37	1	
328+00	RT	38	25	1	
331+00	LT	26	25	1	
331+00	RT	26	25	1	
334+00	LT	26	25	1	
334+00	RT	26	25	1	
337+00	LT	26	44	1	
337+00	RT	26	25	1	
340+00	LT	26	24	1	
340+00	RT	35	25	1	

TRANSVERSE UNDERDRAINS					
STATION	OFFSET	PIPE UNDERDRAINS 4" - FT	PIPE UNDERDRAINS 4" (SPECIAL) - FT	CONCRETE HEADWALL FOR PIPE DRAINS - EA	NOTES
343+00	LT	25	25	1	
343+00	RT	49	25	1	
346+00	LT	49	19	1	
346+10	RT	30	25	1	
348+37	LT	36	23	1	SAG
348+37	RT	24	25	1	SAG
351+00	LT	26	25	1	
351+00	RT	26	25	1	
354+00	LT	26	25	1	
354+00	RT	26	25	1	
357+00	LT	26	25	1	
357+00	RT	26	25	1	
358+90	RT	26	25	1	
360+00	LT	26	25	1	
361+00	RT	26	25	1	
362+00	LT	26	25	1	
364+00	RT	27	25	1	
365+00	LT	26	25	1	
365+00	RT	34	25	1	
367+10	LT	25	25	1	
368+00	RT	49	25	1	
370+00	LT	40	23	1	OUTLET @ 369+80
371+00	RT	50	25	1	OUTLET @ 370+50
373+00	LT	38	19	1	
373+00	RT	28	25	1	
376+00	LT	26	25	1	
376+00	RT	26	25	1	
379+00	LT	26	25	1	
379+00	RT	26	25	1	
382+00	LT	27	25	1	
382+00	RT	33	25	1	
385+00	LT	26	32	1	
385+00	RT	58	25	1	
387+00	LT	36	25	1	
387+00	RT	61	25	1	
389+00	LT	50	19	1	
389+00	RT	40	25	1	
392+00	LT	49	19	1	
392+00	RT	61	25	1	
395+00	LT	50	19	1	
395+00	RT	56	20	1	
397+00	LT	47	21	1	
397+00	RT	73	19	1	
399+08	LT	37	25	1	OUTLET @ 398+90
399+08	RT	88	27	1	OUTLET @ 398+50
402+75	LT	86	5	CB	
402+75	RT	47	7	CB	
406+25	LT	59	33	CB	
406+25	RT	39	26	CB	
408+10	LT	49	22	CB	
408+10	RT	49	11	CB	
410+15	LT	65	13	CB	
410+15	RT	53	9	CB	
413+15	LT	49	24	CB	
413+15	RT	36	8	CB	
416+00	LT	35	25	1	
416+00	RT	37	25	1	
811+00	RT	47	0	CB	
813+50	RT	61	0	CB	
815+60	RT	33	0	CB	
815+60	LT	22	0	CB	
901+50	RT	34	11	CB	
901+50	LT	25	21	CB	

TRANSVERSE UNDERDRAINS					
STATION	OFFSET	PIPE UNDERDRAINS 4" - FT	PIPE UNDERDRAINS 4" (SPECIAL) - FT	CONCRETE HEADWALL FOR PIPE DRAINS - EA	NOTES
903+00	RT	13	10	1	
903+00	LT	35	10	1	
906+00		36	0	0	EOP
907+00	LT	0	5	1	
11012+54	LT	22	0	CB	
11012+54	RT	26	0	CB	
11016+04	LT	22	0	CB	
11016+03	RT	31	0	CB	
11018+04	LT	22	0	CB	
11018+04	RT	52	0	CB	
11021+33	LT	27	0	CB	
11021+33	RT	69	0	CB	
11026+02	LT	52	0	CB	
11026+09	RT	34	0	CB	
11030+00	LT	58	0	CB	
11030+00	RT	46	0	CB	
11034+00	LT	74	0	CB	
11034+05	RT	39	0	CB	
11033+07	LT	88	0	CB	
11033+00	RT	18	0	CB	
11036+00	LT	46	0	CB	
11036+00	RT	35	0	CB	

LONGITUDINAL UNDERDRAINS			
STATION TO STATION	OFFSET	PIPE	NOTES
260+66 - 261+66	15LT	100	
260+66 - 261+66	39LT	100	
260+66 - 261+66	15RT	100	
260+66 - 261+66	39RT	100	
261+66 - 262+66	15LT	100	
261+66 - 262+66	39LT	100	
261+66 - 262+66	15RT	100	
261+66 - 262+66	39RT	100	
270+50 - 272+50	26RT	200	
275+97 - 276+97	15LT	100	
275+97 - 276+97	39LT	100	
275+97 - 276+97	15RT	100	
275+97 - 276+97	39RT	100	
276+97 - 277+97	15LT	100	
276+97 - 277+97	39LT	100	
276+97 - 277+97	15RT	100	
276+97 - 277+97	39RT	100	
321+06 - 322+06	15LT	100	
321+06 - 322+06	39LT	100	
321+06 - 322+06	15RT	100	
321+06 - 322+06	39RT	100	
322+06 - 323+06	15LT	100	
322+06 - 323+06	39LT	100	
322+06 - 323+06	15RT	100	
322+06 - 323+06	39RT	100	
347+37 - 348+37	LT	200	
347+37 - 348+37	RT	100	
348+37 - 349+37	LT	100	
348+50 - 349+50	RT	100	
348+37 - 348+85	LT	48	
348+37 - 348+85	RT	48	
347+22 - 348+22	RT	100	
906+00 - 907+00	24LT AT 906+00, 23LT AT 907+00	100	MINIMUM SLOPE TO OUTLET, SEE STD 601001 FOR DETAILS

USER NAME =	DESIGNED - KEM	REVISED -
	DRAWN - KEM	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - LSM	REVISED -
PLOT DATE =	DATE - 12/6/10	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PIPE UNDERDRAIN SCHEDULE  
IL RTE 56

SCALE: 1"=50' SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	264
CONTRACT NO.			62419	
ILLINOIS FED. AID PROJECT				

TEMPORARY DRAINAGE SCHEDULE - TEMPORARY STRUCTURES AND STORM SEWER

STRUCTURE	TEMPORARY CONDITION		RIM ELEVATION	X0323236 *	550A0050	X0323221
	STATION	OFFSET		TEMPORARY INLET (EA)	STORM SEWERS, CLASS A, TYPE 1, 12" (FOOT)	PLUG AND ABANDON EXISTING PIPE (CY)
TEMP 25850	258+50	6' RT	758.35	1		
TEMP 32100	321+00	0	746.6	1		
TEMP 33900	339+00	5.4' RT	744.75	1	72	2.1
TEMP 34250	342+50	3.7' LT	743.0	1		
TEMP 36700	367+00	3.8' LT	752.15	1		
TEMP 37700	377+00	5.75' RT	757.0	1		
TEMP 38204	382+04	5' RT	759.0	1	5	
TEMP 38500	385+50	10' RT	760.75	1		
TEMP 39550	395+50	12.5' RT	760.5	1		
TEMP 2780	11027+80	1.5 RT	MATCH PVMT	1	163*	
TEMP 3030	11030+30	1.1 RT	MATCH PVMT	1	30*	
TEMP 3155	11031+55	1.5 RT	MATCH PVMT	1	26*	
TEMP 3260	11032+60	1.8 RT	MATCH PVMT	1	40*	
TEMP 3424	11034+24	1.3 RT	MATCH PVMT	1	24*	
TEMP 3576	11035+76	0	MATCH PVMT	1	24*	
TEMP 3690	11036+90	8 LT	MATCH PVMT	1	10*	
<b>TOTAL</b>				<b>16</b>	<b>394</b>	<b>2.1</b>

STATION	X0322463*
	TEMPORARY CONNECTION TO EXISTING STORM SEWER (EA)
261+93	1
280+00	1
326+00	1
337+50	1
348+37	1
372+50	1
382+10	2
11021+30	1
11027+80	3*
11030+30	2*
11034+55	2*
11032+60	2*
11034+24	2*
11035+76	2*
11036+90	2*
<b>TOTAL</b>	<b>24</b>

STATION	X0322208
	TEMPORARY STORM SEWER PLUG (EA)
286+00	1
290+00	1
303+00	1
322+50	1
327+00	1
346+00	1
347+00	1
359+00	1
363+00	1
372+30	2
390+00	1
399+00	1
401+50	1
403+00	1
404+50	1
406+50	1
408+00	1
410+00	1
413+00	1
11011+00	1
11012+50	1
11016+00	1
11018+00	1
<b>TOTAL</b>	<b>24</b>

\* REMOVE IN STAGE 2. QUANTITIES FOR TEMPORARY STORM SEWER IS PAID FOR IN PAY ITEMS FOR INSTALLATION AND REMOVAL

\*MULTIPLE CONNECTIONS OF NEW AND EXISTING SEWER TO TEMPORARY STORM SEWER AND INLET

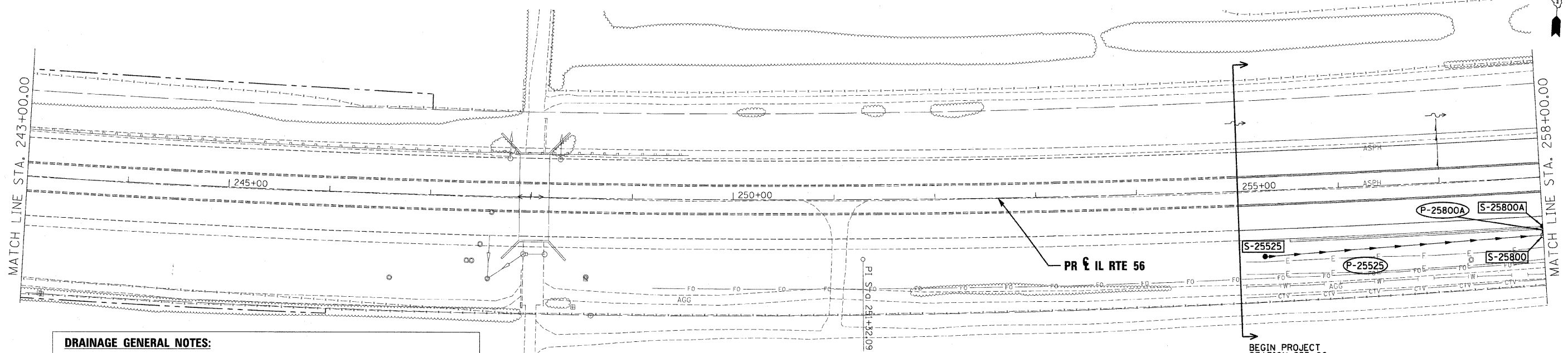
TEMPORARY DRAINAGE SCHEDULE - PERMANENT STRUCTURES

STRUCTURE NUMBER	PERMANENT CONDITION			TEMPORARY CONDITION	60250200	60252800
	STATION	OFFSET	PROPOSED RIM ELEVATION	TEMPORARY RIM ELEVATION	CATCH BASIN TO BE ADJUSTED (EA)	CATCH BASIN TO BE RECONSTRUCTED (EA)
S-26166	261+66	0	758.53	757.32	1	
S-27707	277+07	0	761.39	759.00		1
S-29700	297+00	0	760.88	758.15		1
S-30000	300+00	3.6' RT	755.99	754.40	1	
S-31650	316+50	0	749.19	745.75		1
S-35000A	350+00	2.7' RT	745.11	742.25		1
S-35450A	354+50	0	747.61	745.00		1
S-37260	372+60	1.6' LT	757.27	754.50		1
<b>TOTAL</b>					<b>2</b>	<b>6</b>

STATION	TEMPORARY BOX CULVERT PLUG (EA)
349+00	2
<b>TOTAL</b>	<b>2</b>

S-XXXX STRUCTURE NUMBER (TYPICAL FOR ALL SHEETS)

P-XXX PIPE NUMBER (TYPICAL FOR ALL SHEETS)



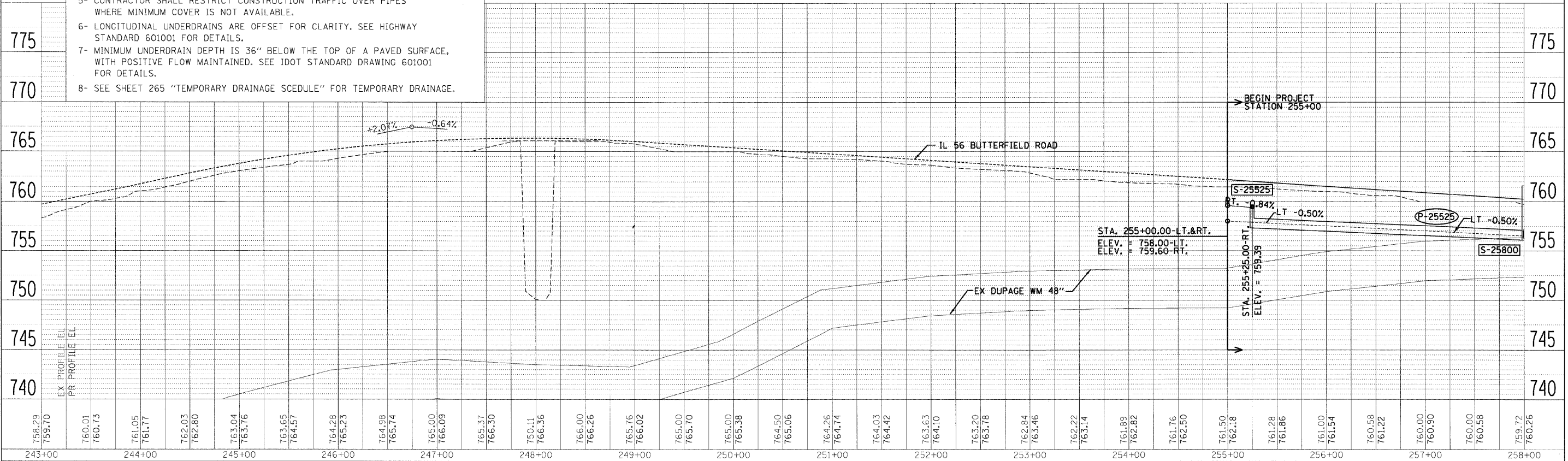
**DRAINAGE GENERAL NOTES:**

- 1- OFFSET AND RIM ELEVATIONS FOR FRAME AND LIDS T-1 AND T-8 GRATES ARE TO THE CENTER OF STRUCTURES.
- 2- OFFSET AND RIM ELEVATIONS FOR FRAME AND GRATE T-10 IS TO THE EDGE OF SHOULDER.
- 3- OFFSET AND RIM ELEVATION FOR FRAME AND GRATE TYPE 11V AND T-24 ARE TO THE EDGE OF PAVEMENT.
- 4- OFFSET AND INVERT ELEVATIONS FOR FLARED END SECTIONS ARE TO THE OUTFALL EDGE OF STRUCTURES.
- 5- CONTRACTOR SHALL RESTRICT CONSTRUCTION TRAFFIC OVER PIPES WHERE MINIMUM COVER IS NOT AVAILABLE.
- 6- LONGITUDINAL UNDERDRAINS ARE OFFSET FOR CLARITY. SEE HIGHWAY STANDARD 601001 FOR DETAILS.
- 7- MINIMUM UNDERDRAIN DEPTH IS 36" BELOW THE TOP OF A PAVED SURFACE, WITH POSITIVE FLOW MAINTAINED. SEE IDOT STANDARD DRAWING 601001 FOR DETAILS.
- 8- SEE SHEET 265 "TEMPORARY DRAINAGE SCHEDULE" FOR TEMPORARY DRAINAGE.

**LEGEND**

- |       |                     |             |                         |        |                      |   |             |
|-------|---------------------|-------------|-------------------------|--------|----------------------|---|-------------|
| ----- | FLOODPLAIN BOUNDARY | 6' X 4' RCB | CULVERT SIZE (HxV) TYPE | -----> | PROPOSED STORM SEWER | ○ | CATCH BASIN |
| ----- | FLOODWAY BOUNDARY   | ▽           | STORM SEWER             | ●      | PROPOSED CATCH BASIN | ⌋ | HEADWALL    |
| →     | SHEET FLOW          | △           | END SECTION             | ○      | PROPOSED MANHOLE     | ⊖ | INLET       |
| →     | SWALE               | ↔           | DITCH HIGH POINT        | ⊖      | PROPOSED END SECTION | ⊖ | MANHOLE     |
| →     | DITCH               | -F-F-       | FURROW                  | ⌋      | PROPOSED DITCH       | ⊖ | ADJUST      |
| →     | CHANNEL             | →           | 4" PIPE UNDERDRAIN      | ⌋      | PROPOSED HEADWALL    |   |             |

BEGIN PROJECT STATION 255+00

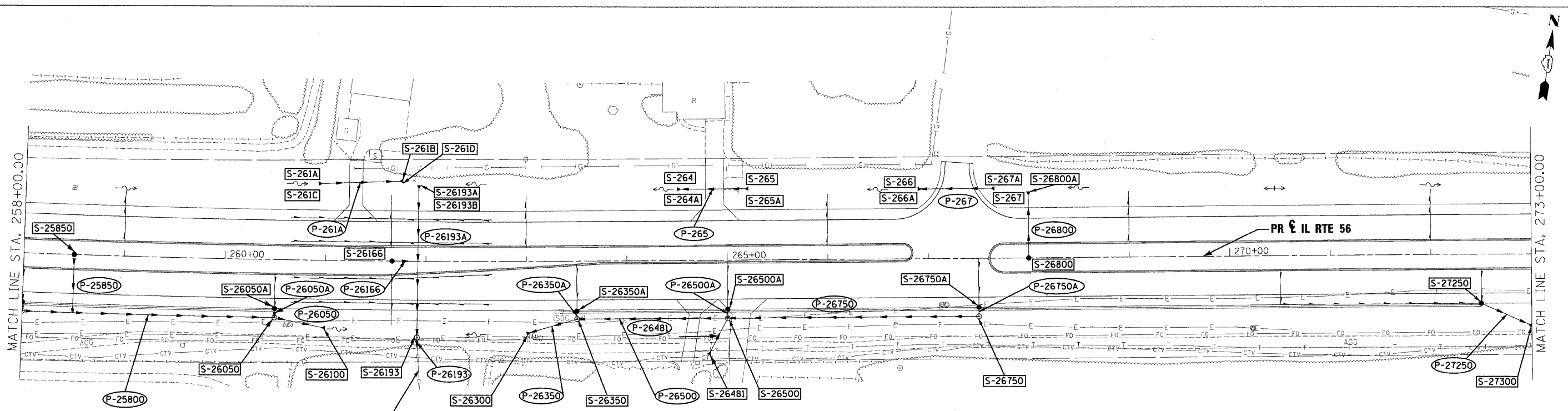


BEGIN PROJECT STATION 255+00

DATE	BY
REVISIONS	NO.
DESIGNED	KEM
DRAWN	KEM
CHECKED	LSM
DATE	12/6/10

DATE	BY
REVISIONS	NO.
DESIGNED	KEM
DRAWN	KEM
CHECKED	LSM
DATE	12/6/10

FILE NAME =	DESIGNED - KEM	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			DRAINAGE PLAN AND PROFILE IL RTE 56			F.A.P. RTE. 365	SECTION (57 & 58)WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 266
USER NAME =	DRAWN - KEM	REVISED -		SCALE: 1"=50'			SHEET NO. 1 OF 18 SHEETS			STA. 243+00.00 TO STA. 258+00.00				
CHECKED - LSM	DATE - 12/6/10	REVISED -								ILLINOIS FED. AID PROJECT				
PLOT DATE =	DATE - 12/6/10	REVISED -												



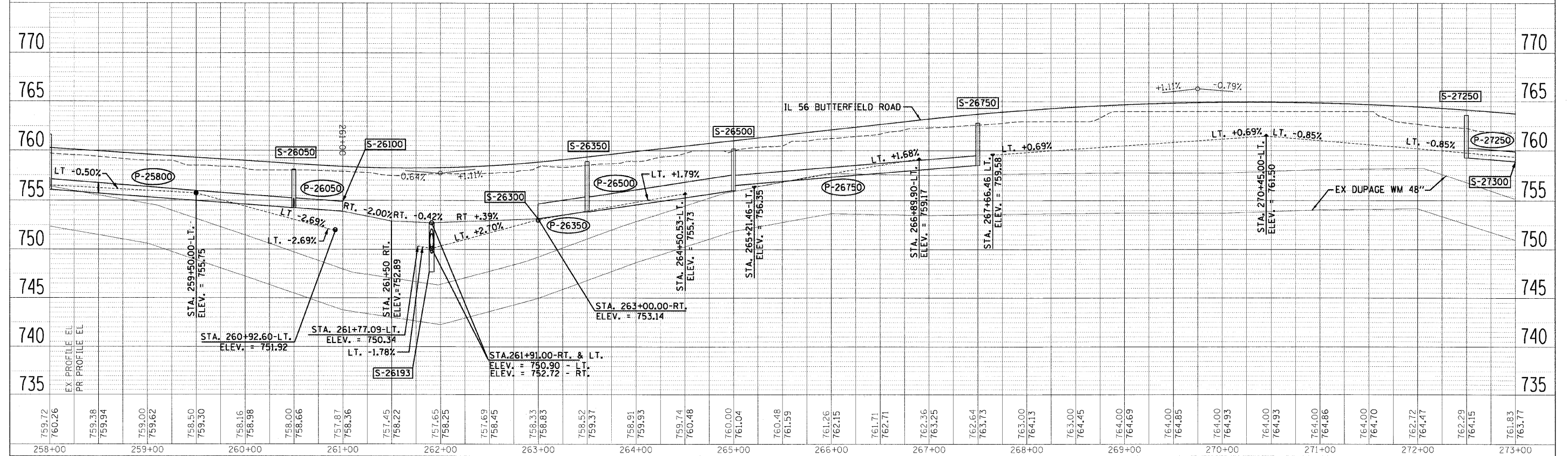
EXISTING 24" DIA PIPE SHALL BE MAINTAINED

**LEGEND**

- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- DITCH
- CHANNEL
- 6' X 4' RCB
- ▽ STORM SEWER
- △ END SECTION
- ↔ DITCH HIGH POINT
- F-F- FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- ◻ PROPOSED END SECTION
- ↔ PROPOSED DITCH
- ↔ PROPOSED HEADWALL
- CATCH BASIN
- ▽ HEADWALL
- INLET
- MANHOLE
- △ ADJUST

PLAN	REVISIONS	DATE
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	

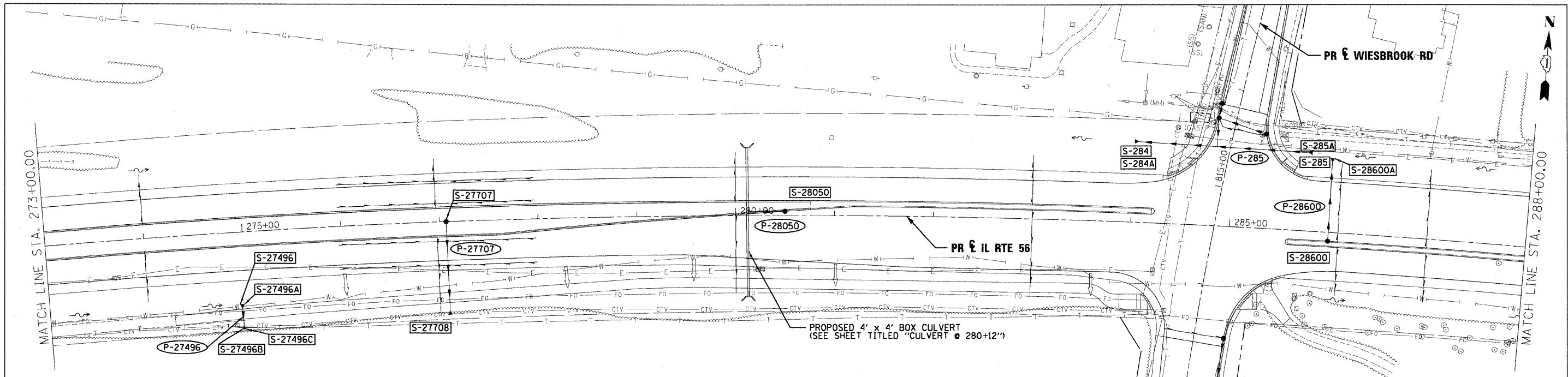
PROFILE	REVISIONS	DATE
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NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	



FILE NAME =	DESIGNED - KEM	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>		<b>DRAINAGE PLAN AND PROFILE</b> <b>IL RTE 56</b>		F.A.P. RTE. 365	SECTION 157 & 58WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 267	
USER NAME =	CHECKED - LSM	REVISED -		SCALE: 1"=50'		SHEET NO. 2 OF 18 SHEETS		STA. 258+00.00 TO STA. 273+00.00		CONTRACT NO. 62419			
PLOT DATE =	DATE - 12/6/10	REVISED -		ILLINOIS FED. AID PROJECT									

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	NO. 1		
	NO. 2		
	NO. 3		
	NO. 4		
	NO. 5		
	NO. 6		
	NO. 7		
	NO. 8		
	NO. 9		
	NO. 10		

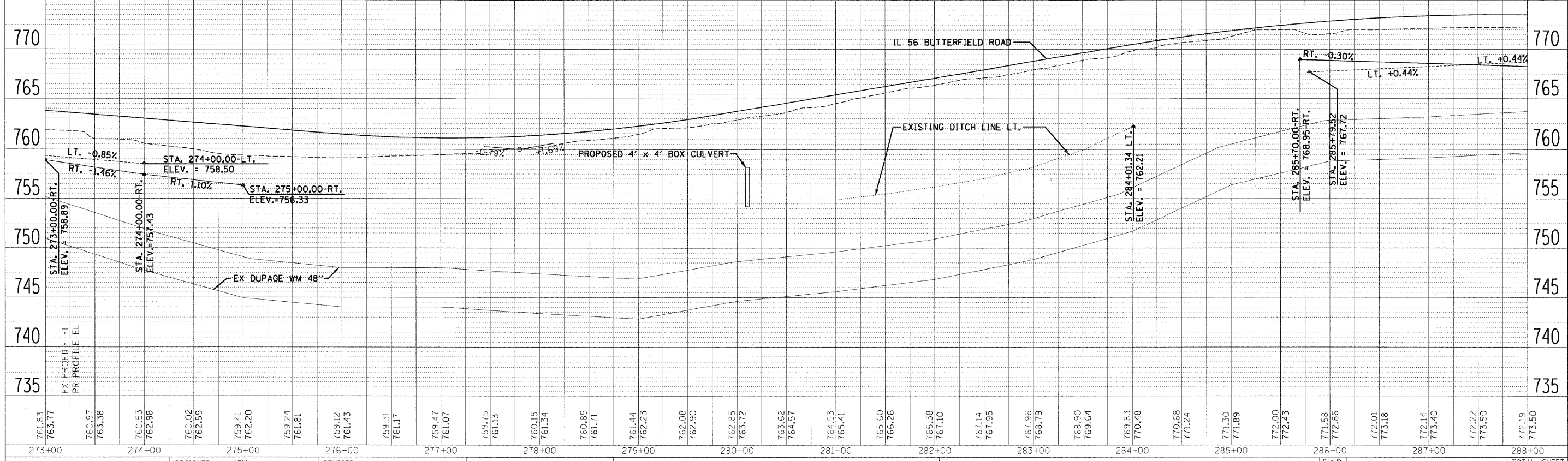
PROFILE	DESIGNED	BY	DATE
	DRAWN		
	CHECKED		
	NO. 1		
	NO. 2		
	NO. 3		
	NO. 4		
	NO. 5		
	NO. 6		
	NO. 7		
	NO. 8		
	NO. 9		
	NO. 10		



**LEGEND**

- |                         |                        |                             |                          |               |
|-------------------------|------------------------|-----------------------------|--------------------------|---------------|
| --- FLOODPLAIN BOUNDARY | 6' X 4' RCB            | --- CULVERT SIZE (HxV) TYPE | --- PROPOSED STORM SEWER | ○ CATCH BASIN |
| --- FLOODWAY BOUNDARY   | --- STORM SEWER        | --- END SECTION             | ○ PROPOSED CATCH BASIN   | --- HEADWALL  |
| → SHEET FLOW            | △ END SECTION          | --- PROPOSED END SECTION    | ○ PROPOSED MANHOLE       | ○ INLET       |
| --- SWALE               | --- DITCH HIGH POINT   | --- PROPOSED DITCH          | ○ PROPOSED DITCH         | ○ MANHOLE     |
| --- DITCH               | --- FURROW             | --- PROPOSED HEADWALL       | ○ ADJUST                 |               |
| --- CHANNEL             | --- 4" PIPE UNDERDRAIN |                             |                          |               |

SEE SHEET 274 FOR CALLOUTS OF STRUCTURES AND PIPES ALONG HERRICK AND WIESBROOK ROADS.



FILE NAME =	DESIGNED - KEM	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>			<b>DRAINAGE PLAN AND PROFILE</b> <b>IL RTE 56</b>			F.A.P. R.T. = 365	SECTION (57 & 58)WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 268
USER NAME =	CHECKED - LSM	REVISED -								CONTRACT NO. 62419				
PLDT DATE =	DATE - 12/6/10	REVISED -												

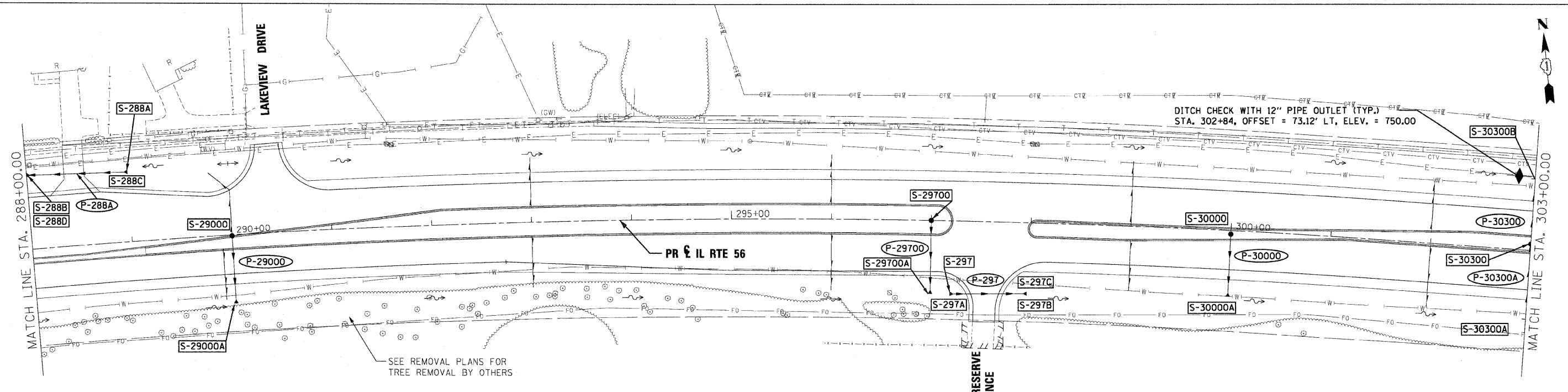
SCALE: 1"=50' SHEET NO. 3 OF 18 SHEETS STA. 273+00.00 TO STA. 288+00.00

ILLINOIS FED. AID PROJECT



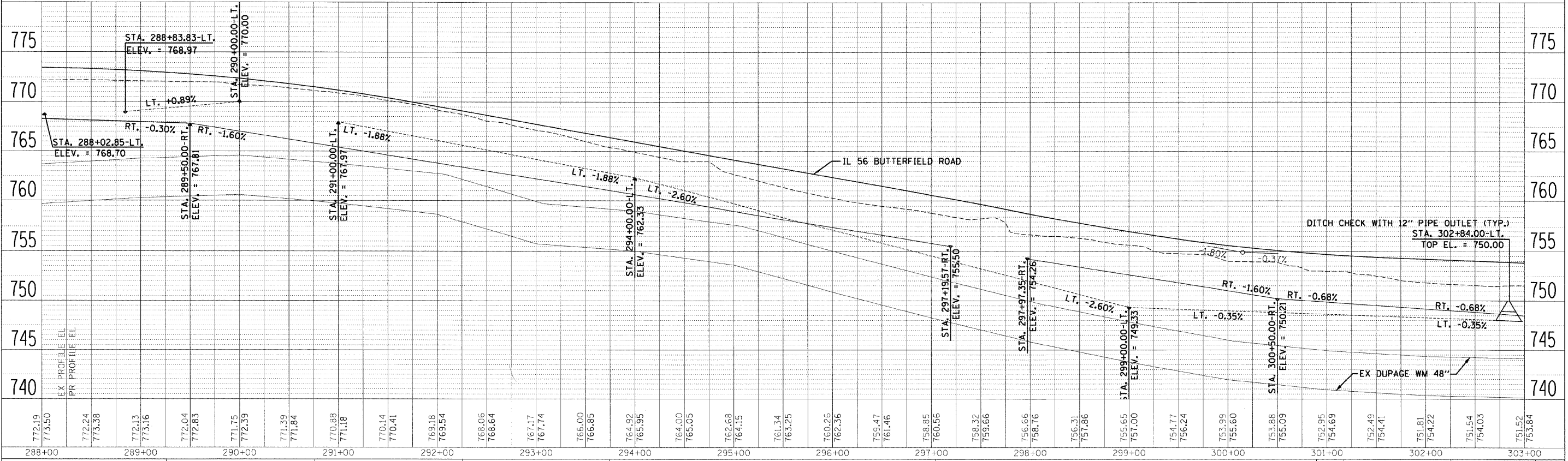
DATE	BY
REVISIONS	PLOTTED
NOTE BOOK	ALIGNMENT CHECKED
NO.	STRUCTURE NOTATIONS CHECKED
	CADD FILE NAME
	NO.

DATE	BY
REVISIONS	PLOTTED
NOTE BOOK	GRADES CHECKED
NO.	STRUCTURE NOTATIONS CHECKED
	CADD FILE NAME
	NO.



**LEGEND**

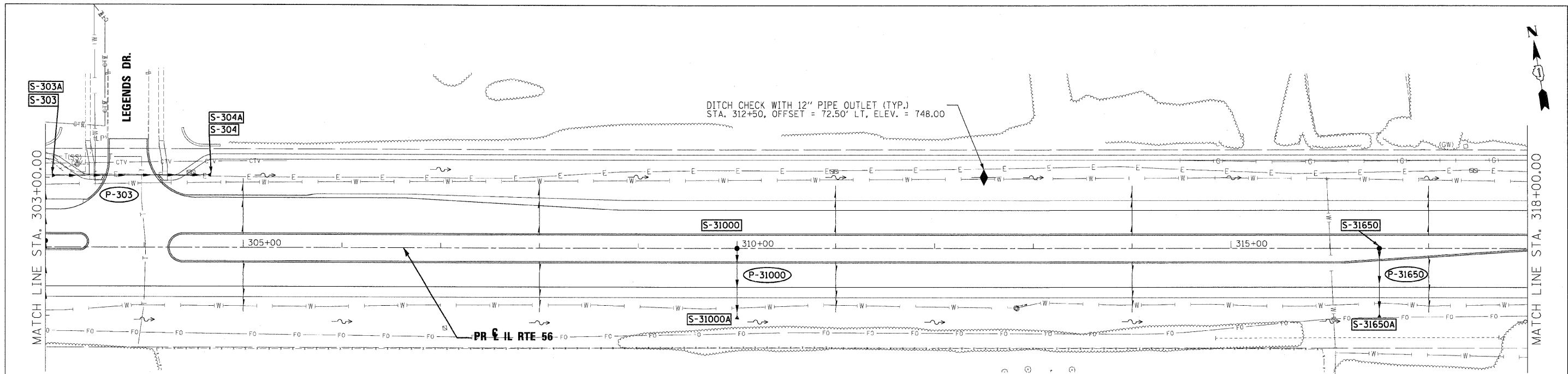
- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- DITCH
- CHANNEL
- 6' x 4' RCB
- CULVERT SIZE (HxV) TYPE
- △ STORM SEWER
- △ END SECTION
- ↔ DITCH HIGH POINT
- F-F- FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED END SECTION
- PROPOSED DITCH
- PROPOSED HEADWALL
- CATCH BASIN
- HEADWALL
- INLET
- MANHOLE
- ADJUST



FILE NAME =	DESIGNED - KEM	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>				<b>DRAINAGE PLAN AND PROFILE</b> <b>IL RTE 56</b>				F.A.P. RTE. 365	SECTION 157 & 58 WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 269
USER NAME =	CHECKED - LSM	REVISED -										CONTRACT NO. 62419				
PLDT DATE =	DATE - 12/6/10	REVISED -										ILLINOIS FED. AID PROJECT				
												SCALE: 1"=50'	SHEET NO. 4 OF 18 SHEETS	STA. 288+00.00 TO STA. 303+00.00		

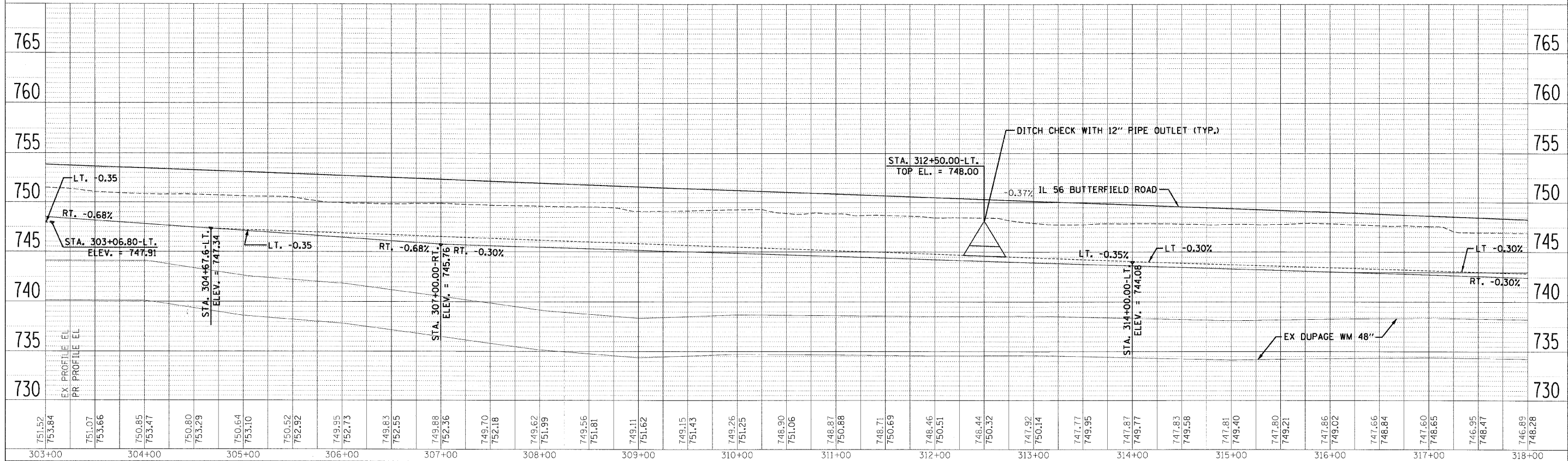
DATE	
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DESIGNED	
CHECKED	
DATE	
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NO.	



**LEGEND**

- FLOODPLAIN BOUNDARY
- - - FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- - - DITCH
- CHANNEL
- 6' X 4' RCB
- △ END SECTION
- ← DITCH HIGH POINT
- F - F - FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- △ PROPOSED END SECTION
- ~ PROPOSED DITCH
- ⌋ PROPOSED HEADWALL
- CATCH BASIN
- ⌋ HEADWALL
- INLET
- ⊙ MANHOLE
- ⌈ ADJUST

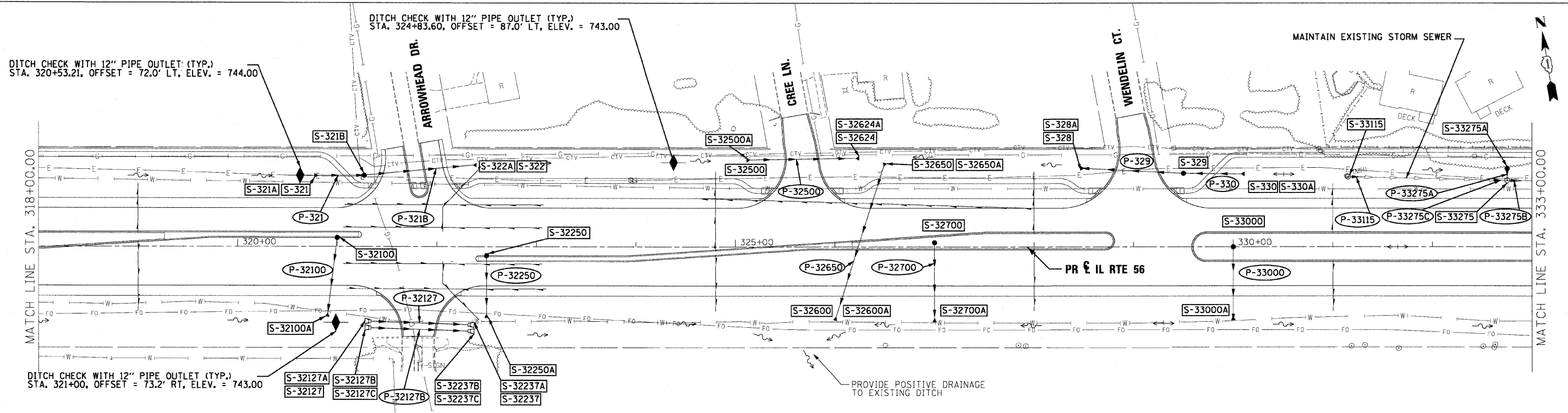


FILE NAME =	DESIGNED - KEM	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>				<b>DRAINAGE PLAN AND PROFILE</b> <b>IL RTE 56</b>				F.A.P. RT. = 365	SECTION (57 & 58)WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 270
USER NAME =	DRAWN - KEM	REVISED -										CONTRACT NO. 62419				
CHECKED - LSM	REVISED -															
DATE 12/6/10	REVISED -															

SCALE: 1"=50' SHEET NO. 5 OF 18 SHEETS STA. 303+00.00 TO STA. 318+00.00 ILLINOIS FED. AID PROJECT

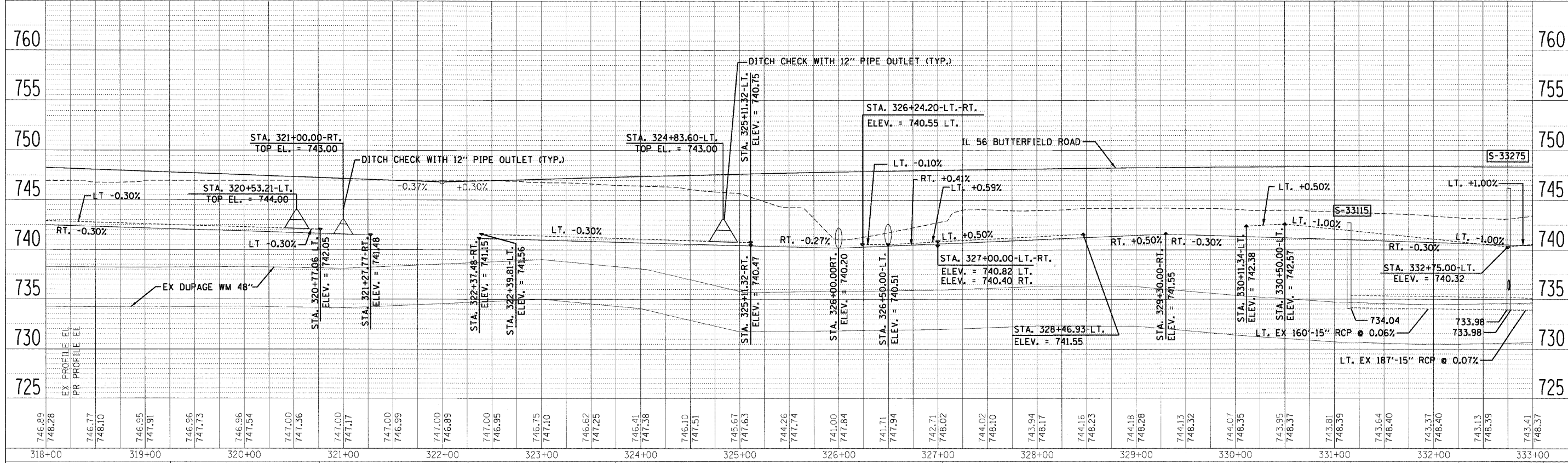
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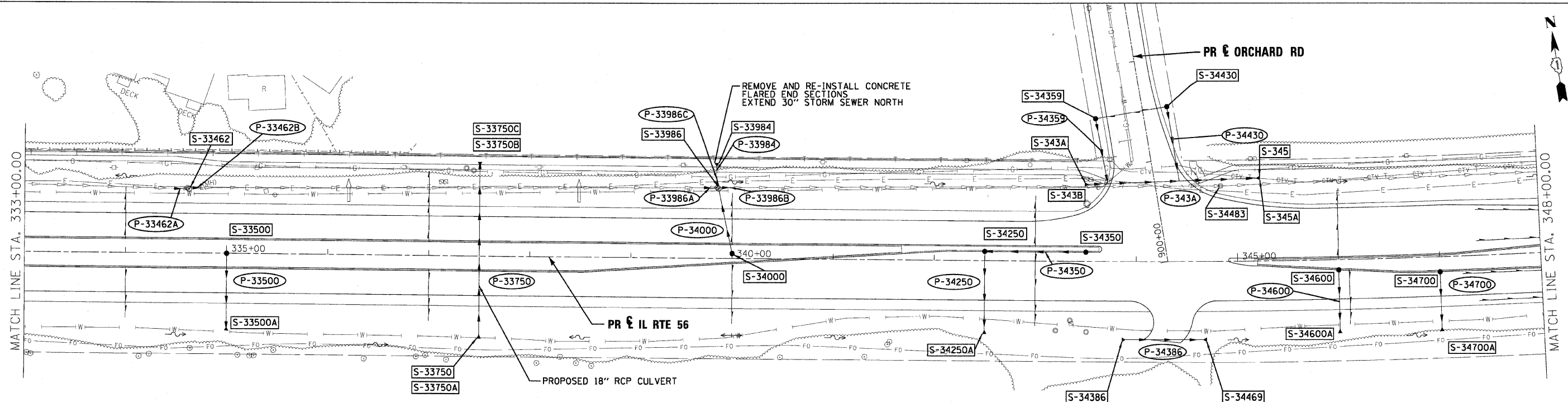
**LEGEND**

- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- DITCH
- CHANNEL
- 6" x 4" RCB
- CULVERT SIZE (HxV) TYPE
- STORM SEWER
- △ END SECTION
- ↔ DITCH HIGH POINT
- F-F- FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED END SECTION
- PROPOSED DITCH
- PROPOSED HEADWALL
- CATCH BASIN
- HEADWALL
- INLET
- MANHOLE
- ADJUST



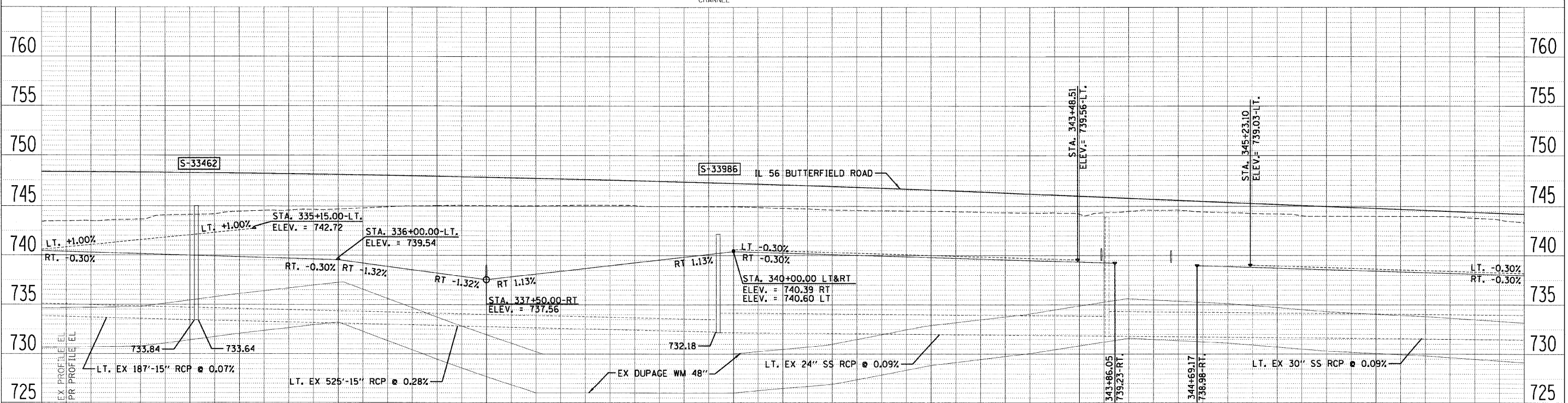
FILE NAME =	DESIGNED - KEM	REVISD -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>			<b>DRAINAGE PLAN AND PROFILE IL RTE 56</b>			F.A.P. RTE. 365	SECTION 157 & 58 WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 271
USER NAME =	DRAWN - KEM	REVISD -								CONTRACT NO. 62419				
CHECKED - LSM	REVISD -	DATE - 12/6/10								ILLINOIS FED. AID PROJECT				
PLOT DATE =	REVISD -													

SCALE: 1"=50' SHEET NO. 6 OF 18 SHEETS STA. 318+00.00 TO STA. 333+00.00



**LEGEND**

- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- DITCH
- CHANNEL
- 6' X 4' RCB
- CULVERT SIZE (HxV) TYPE
- STORM SEWER
- END SECTION
- DITCH HIGH POINT
- FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED END SECTION
- PROPOSED DITCH
- PROPOSED HEADWALL
- CATCH BASIN
- ⌋ HEADWALL
- ⊥ INLET
- ⊙ MANHOLE
- ⊠ ADJUST



743.41	743.37	743.50	743.65	744.13	744.44	744.57	744.68	744.93	745.05	745.06	745.12	745.09	744.99	744.96	744.79	744.62	744.54	744.40	744.32	744.21	744.50	744.62	744.34	744.22	744.00	744.00	743.81	743.34	
333+00	334+00	335+00	336+00	337+00	338+00	339+00	340+00	341+00	342+00	343+00	344+00	345+00	346+00	347+00	348+00														

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

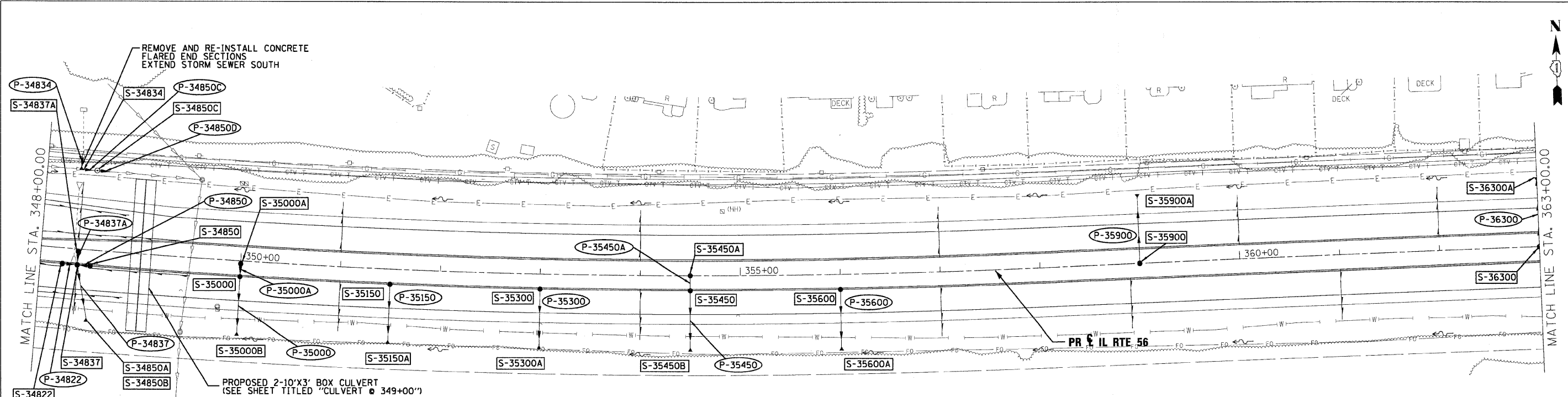
**DRAINAGE PLAN AND PROFILE  
IL RTE 56**

SCALE: 1"=50' SHEET NO. 7 OF 18 SHEETS STA. 333+00.00 TO STA. 348+00.00

F.A.P. RTE. 365	SECTION 157 & 58WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 272
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	



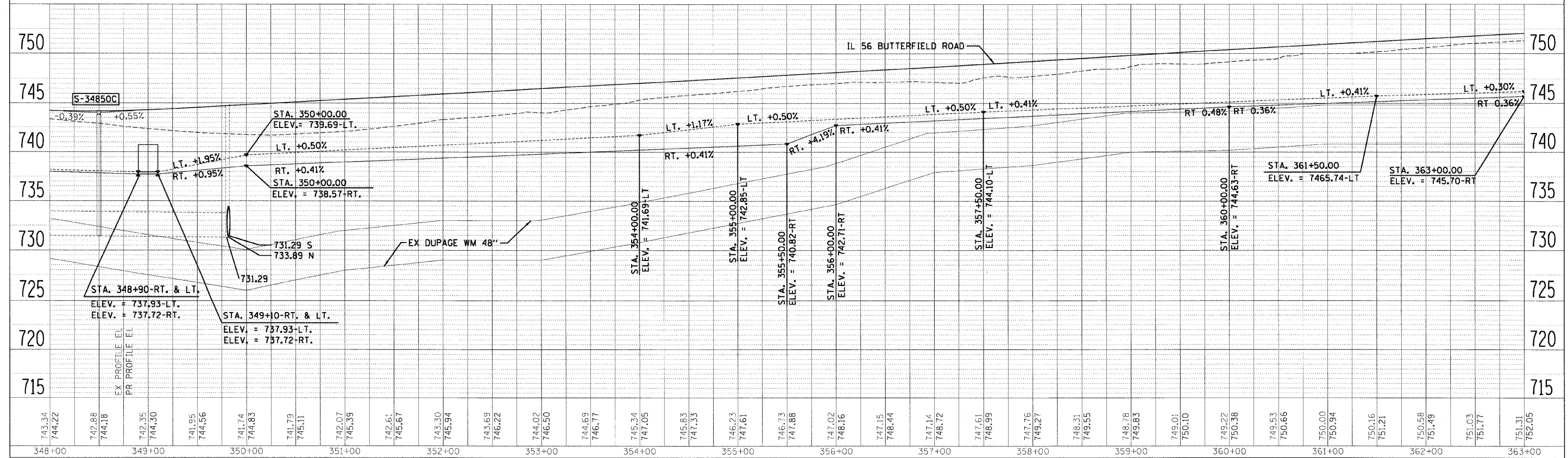
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**LEGEND**

- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- DITCH
- CHANNEL
- 6' X 4' RCB
- CULVERT SIZE (HxV) TYPE
- STORM SEWER
- △ END SECTION
- ↔ DITCH HIGH POINT
- FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED END SECTION
- PROPOSED DITCH
- PROPOSED HEADWALL
- CATCH BASIN
- HEADWALL
- INLET
- MANHOLE
- ADJUST

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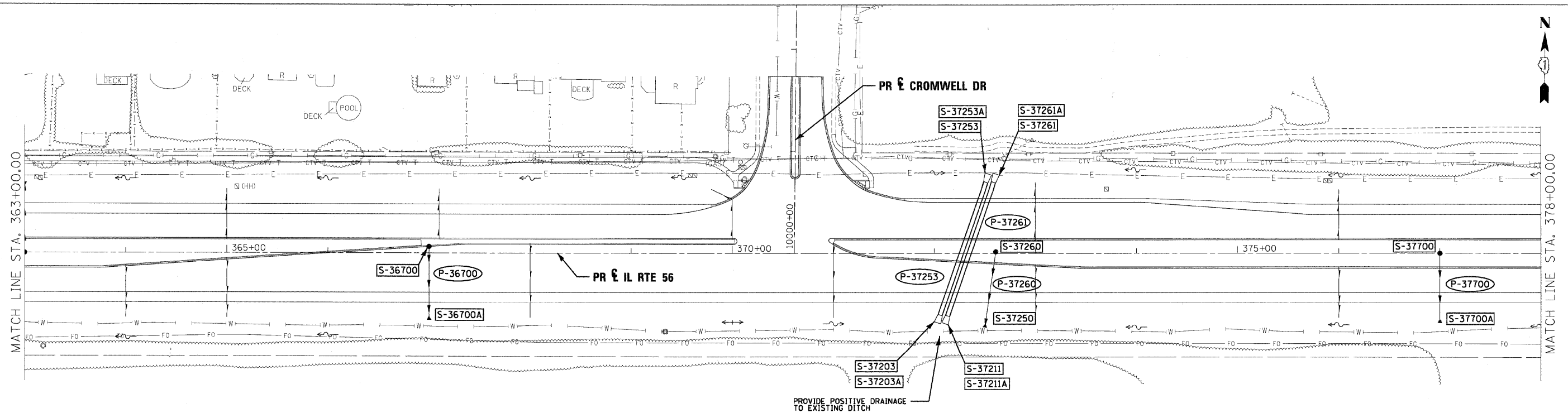


FILE NAME =	DESIGNED - KEM	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>			<b>DRAINAGE PLAN AND PROFILE</b> <b>IL RTE 56</b>			F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - KEM	REVISED -	365								(57 & 58)WRS-2	DUPAGE	681	273	
USER NAME =	CHECKED - LSM	REVISED -								CONTRACT NO. 62419				
PLOT DATE =	DATE - 12/6/10	REVISED -								ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 8 OF 18 SHEETS STA. 348+00.00 TO STA. 363+00.00

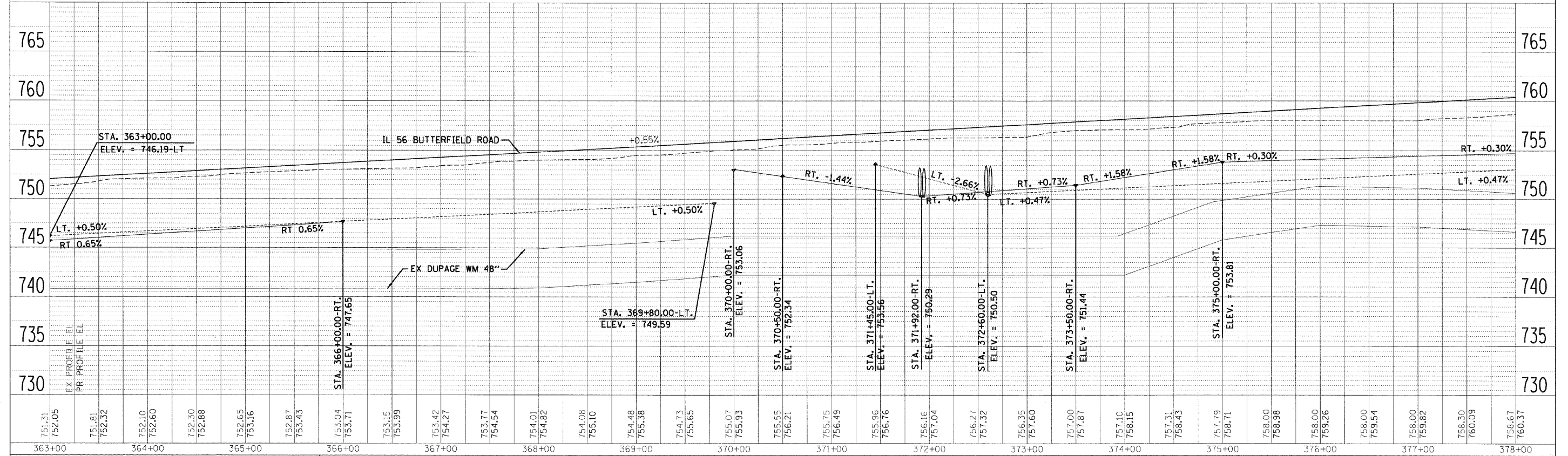
DATE	BY
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ALIGNED	CHECKED
NOTE BOOK	NO. _____
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DATE	BY
DESIGNED	PLOTTED
GRADES CHECKED	NOTATIONS CHK'D
NOTE BOOK	NO. _____
STRUCTURE	NO. _____
PROFILE	



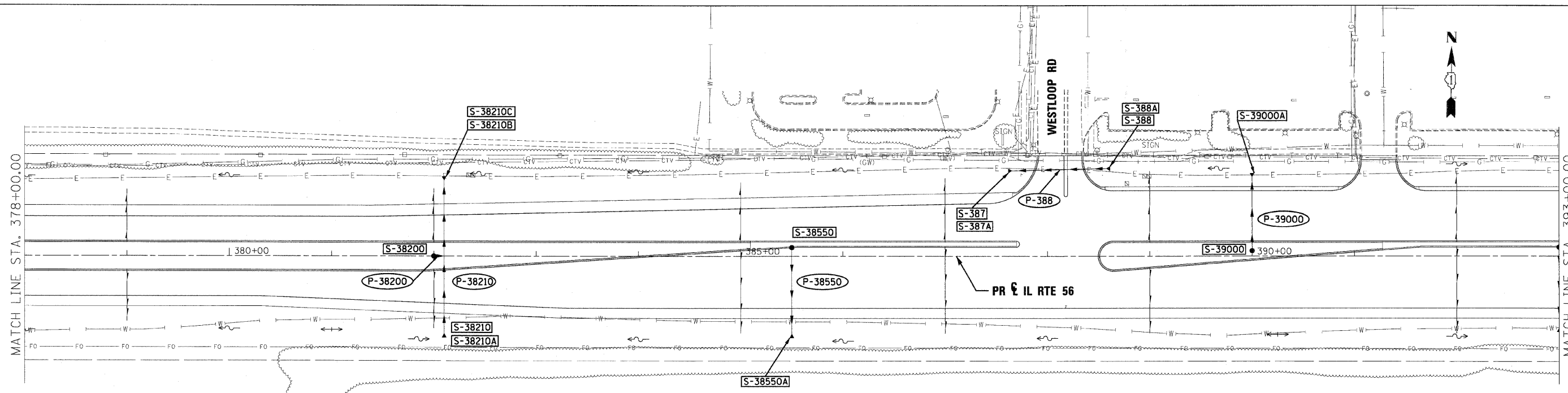
**LEGEND**

- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- DITCH
- CHANNEL
- 6' X 4' RCB
- △ CULVERT SIZE (HxV) TYPE
- △ STORM SEWER
- △ END SECTION
- △ DITCH HIGH POINT
- △ FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED END SECTION
- PROPOSED DITCH
- PROPOSED HEADWALL
- CATCH BASIN
- HEADWALL
- INLET
- MANHOLE
- ADJUST



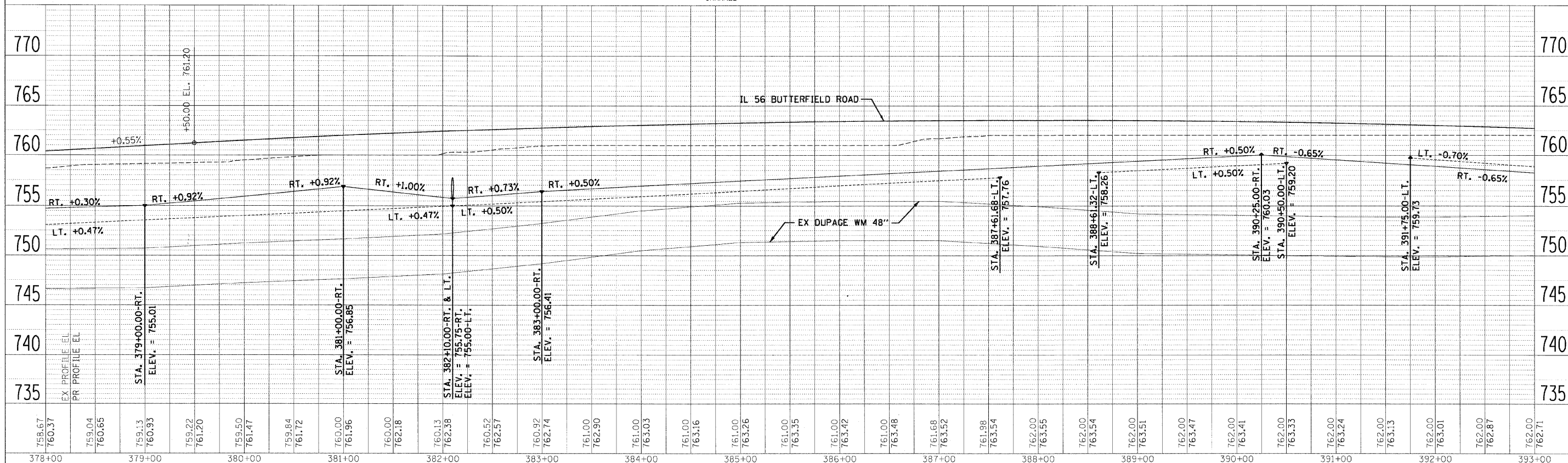
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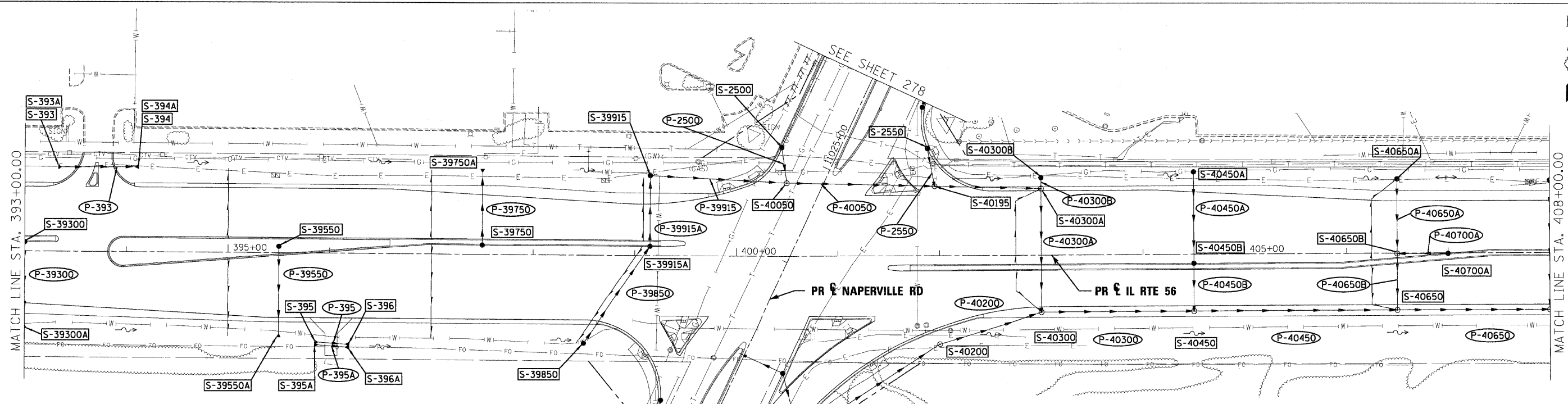


**LEGEND**

- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- DITCH
- CHANNEL
- 6' X 4' RCB
- CULVERT SIZE (HxV) TYPE
- STORM SEWER
- △ END SECTION
- ← DITCH HIGH POINT
- F-F- FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED END SECTION
- PROPOSED DITCH
- PROPOSED HEADWALL
- CATCH BASIN
- HEADWALL
- INLET
- MANHOLE
- ADJUST



FILE NAME =	DESIGNED - KEM	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>		<b>DRAINAGE PLAN AND PROFILE</b> <b>IL RTE 56</b>		F.A.P. R.T.E. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN - KEM	REVISED -	365						(57 & 58)WRS-2	DUPAGE	681	275	
CHECKED - LSM	REVISED -	CONTRACT NO. 62419										
DATE - 12/6/10	REVISED -	ILLINOIS FED. AID PROJECT										
USER NAME =	CHECKED - LSM	REVISED -	SCALE: 1"=50'		SHEET NO. 10 OF 18 SHEETS	STA. 378+00.00 TO STA. 393+00.00						
PLOT DATE =	DATE - 12/6/10	REVISED -										



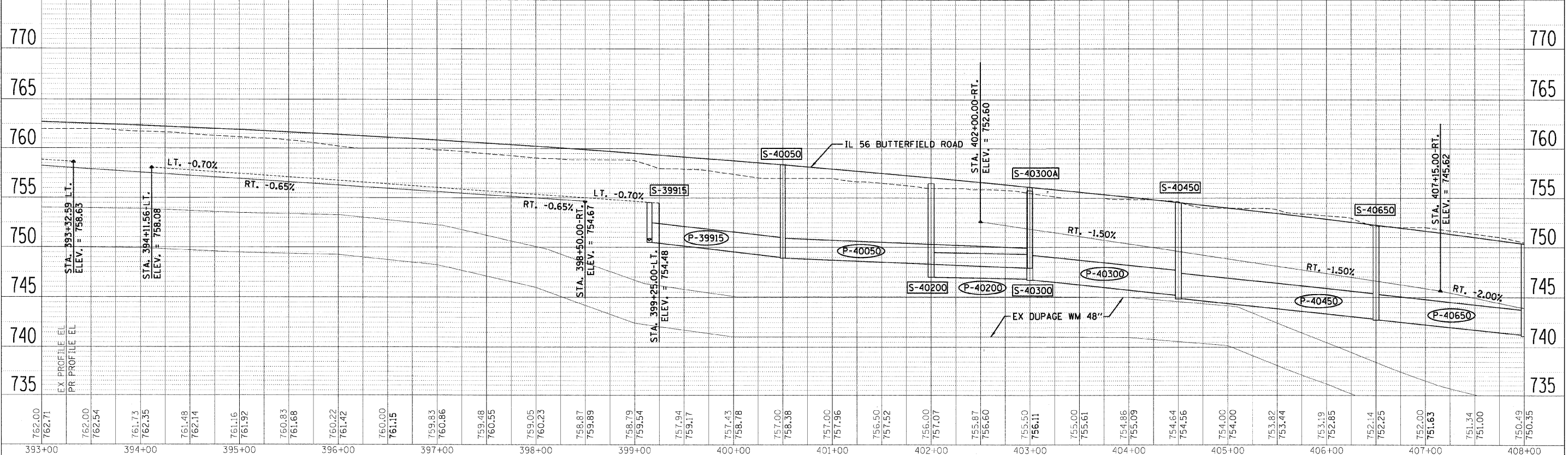
**LEGEND**

- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- DITCH
- CHANNEL
- 6' X 4' RCB
- STORM SEWER
- END SECTION
- DITCH HIGH POINT
- FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED END SECTION
- PROPOSED DITCH
- PROPOSED HEADWALL
- CATCH BASIN
- ⌋ HEADWALL
- ⌋ INLET
- MANHOLE
- ⌋ ADJUST

SEE SHEET 278 FOR CALLOUTS OF STRUCTURES AND PIPES ALONG NAPERVILLE ROAD.

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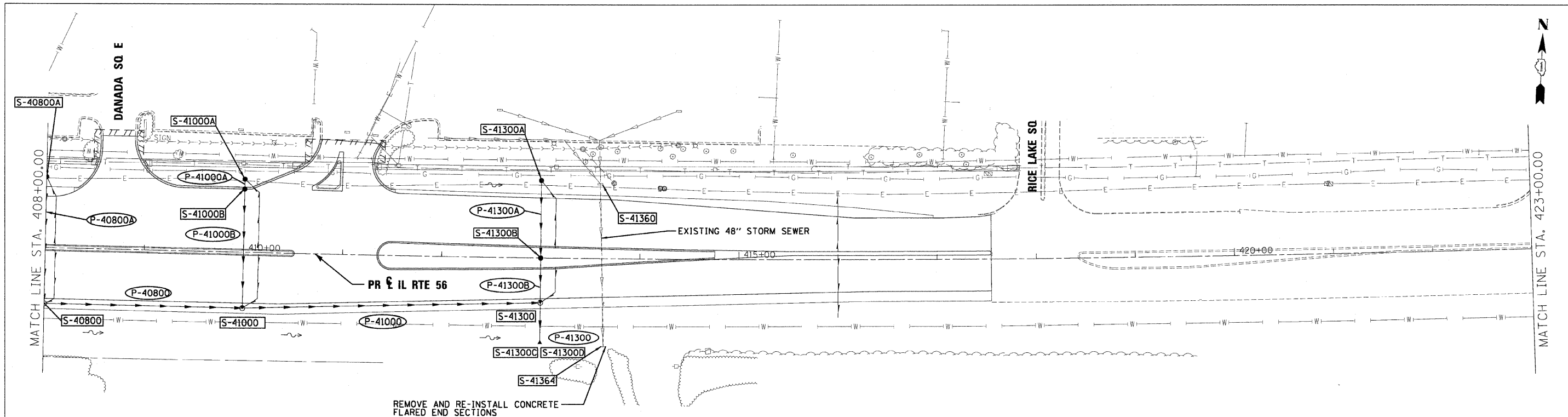


FILE NAME =	DESIGNED - KEM	REVISD -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PLAN AND PROFILE IL RTE 56</b>			F.A.P. R.T.E. = 365	SECTION (57 & 58)WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 276
USER NAME =	CHECKED - LSM	REVISD -		SCALE: 1"=50'	SHEET NO. 11 OF 18 SHEETS	STA. 393+00.00 TO STA. 408+00.00	ILLINOIS FED. AID PROJECT		CONTRACT NO. 62419		
PLOT DATE =	DATE - 12/6/10	REVISD -									



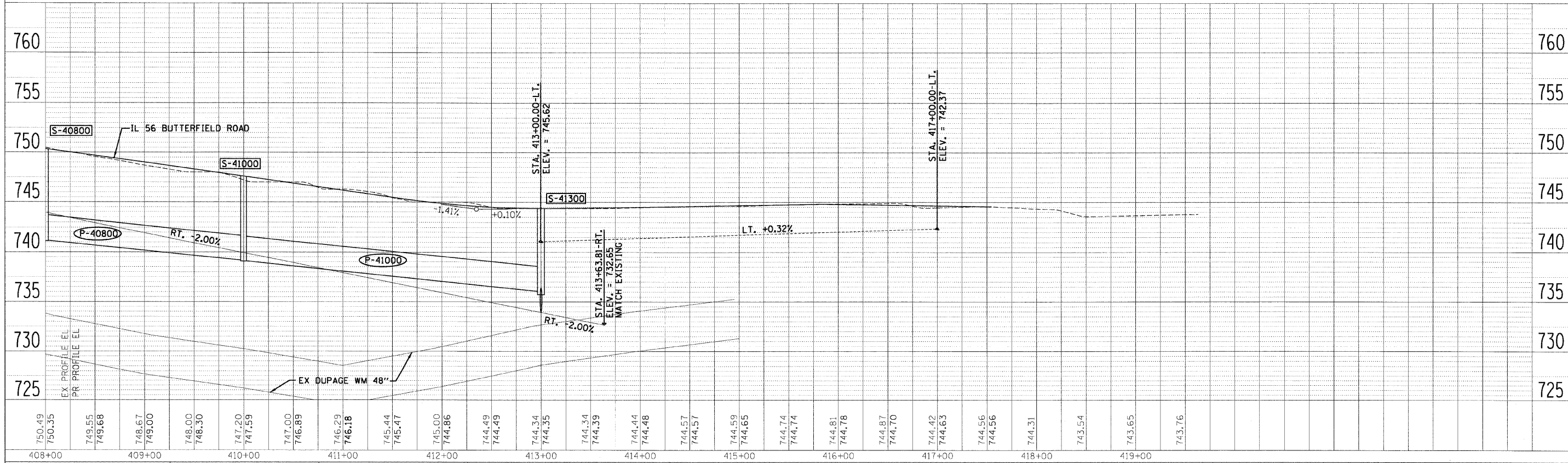
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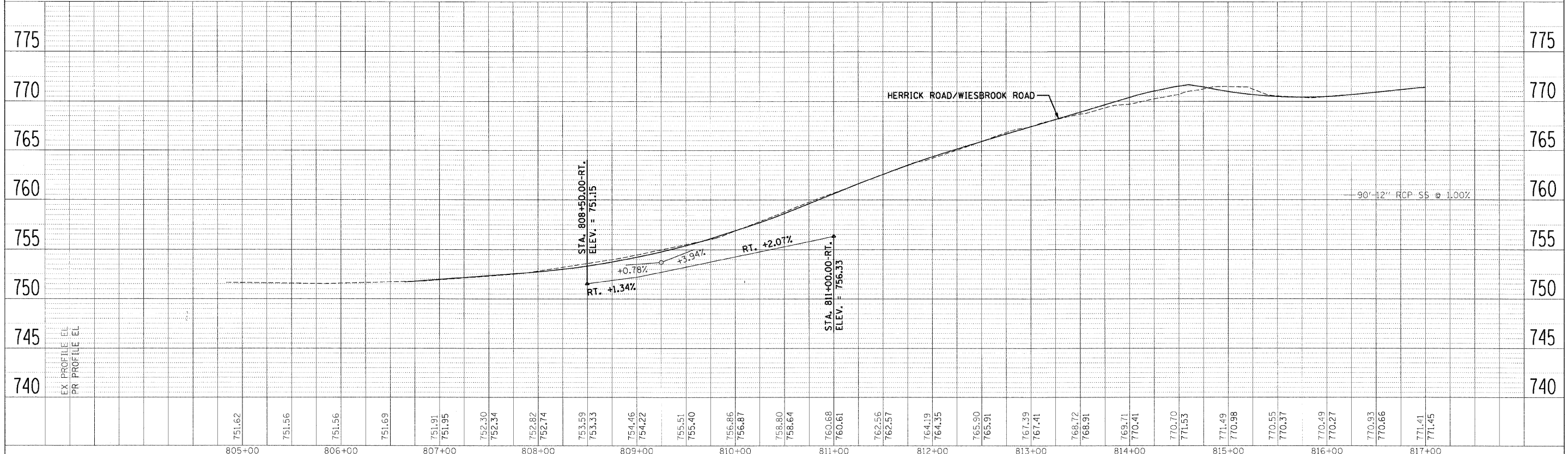
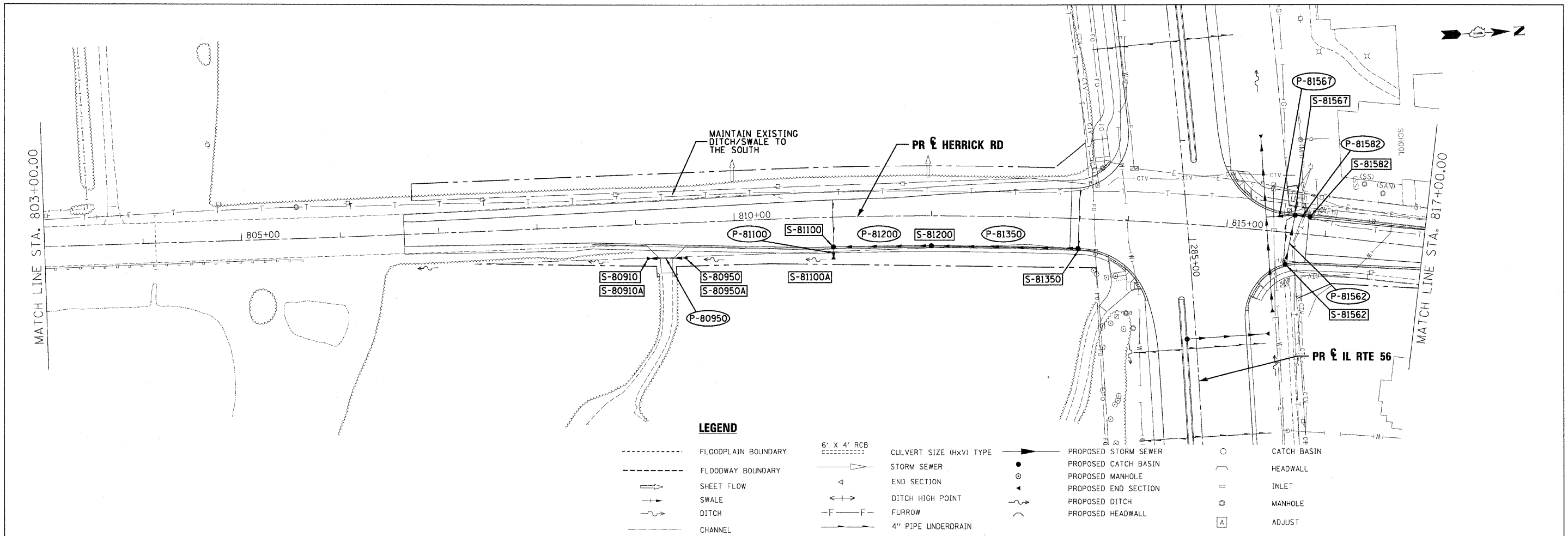
- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- SHEET FLOW
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- 6' x 4' RCB
- CULVERT SIZE (HxV) TYPE
- △ END SECTION
- ← DITCH HIGH POINT
- F - F - FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
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USER NAME =	DRAWN - KEM	REVISED -				ILLINOIS FED. AID PROJECT	CONTRACT NO. 62419			
CHECKED - LSM	REVISIED -	REVISIED -				SCALE: 1"=50'		SHEET NO. 12 OF 18 SHEETS	STA. 408+00.00 TO STA. 423+00.00	
DATE 12/6/10	REVISIED -	REVISIED -								

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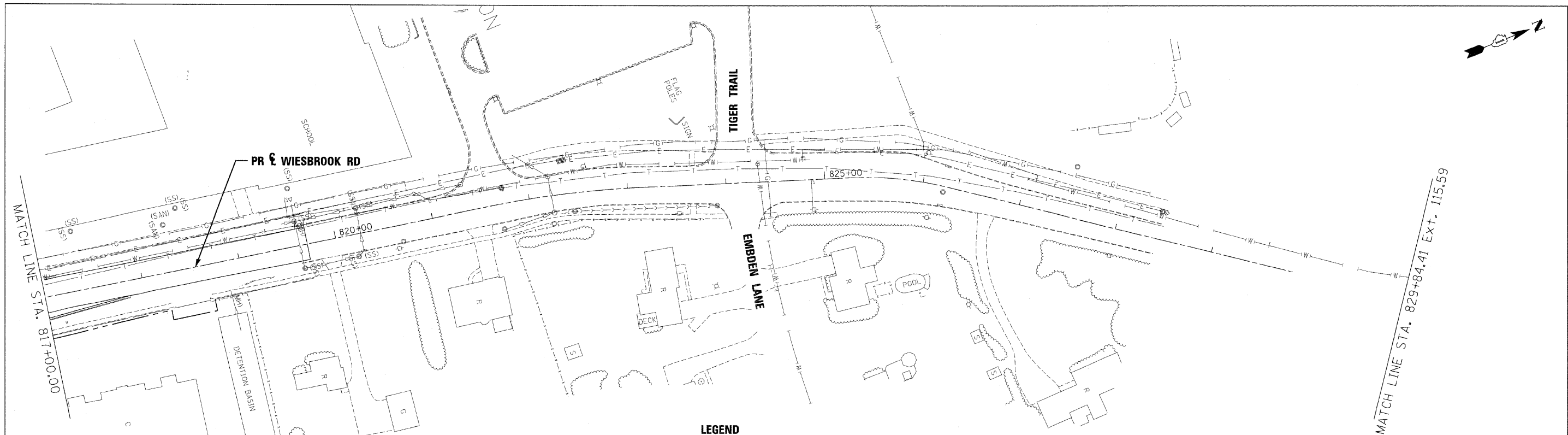
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FILE NAME =	DESIGNED - KEM	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PLAN AND PROFILE</b> <b>IL RTE 56</b>	F.A.P. RT. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME =	DRAWN - KEM	REVISED -				365	(57 & 58)WRS-2	DUPAGE	681	278
PLLOT DATE =	CHECKED - LSM	REVISED -				CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT		
	DATE - 12/6/10	REVISED -				SCALE: 1"=50'	SHEET NO. 13 OF 18 SHEETS	STA. 803+00.00 TO STA. 817+00.00		

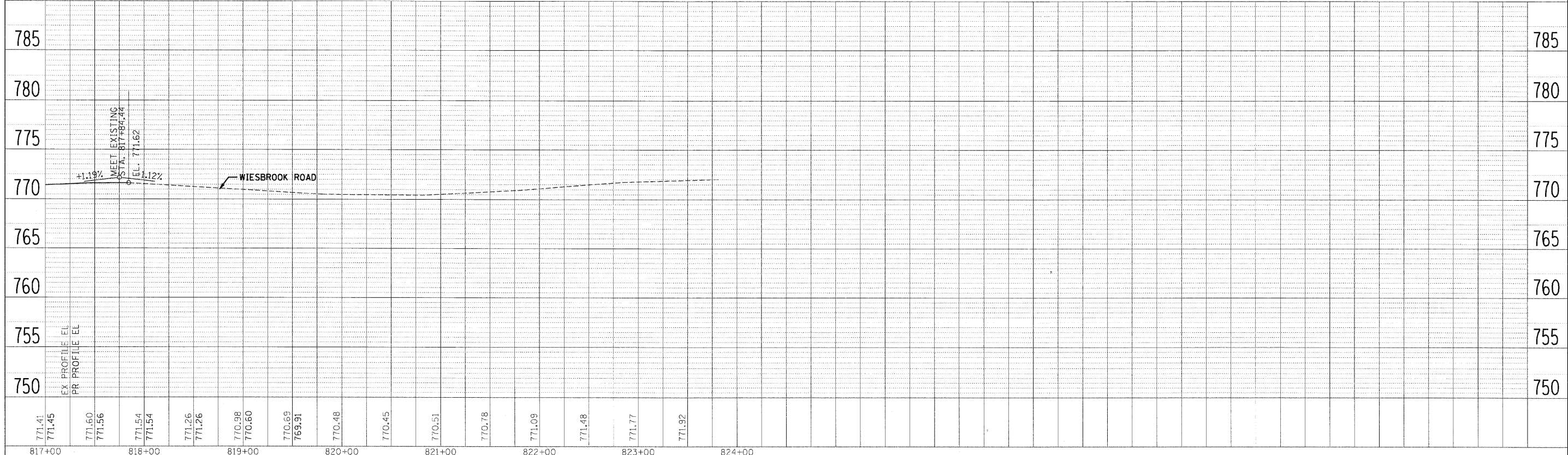
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**LEGEND**

- FLOODPLAIN BOUNDARY
- - - FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- ~ DITCH
- CHANNEL
- 6' X 4' RCB
- △ END SECTION
- ↔ DITCH HIGH POINT
- F-F- FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED END SECTION
- PROPOSED DITCH
- PROPOSED HEADWALL
- CATCH BASIN
- HEADWALL
- INLET
- MANHOLE
- ADJUST



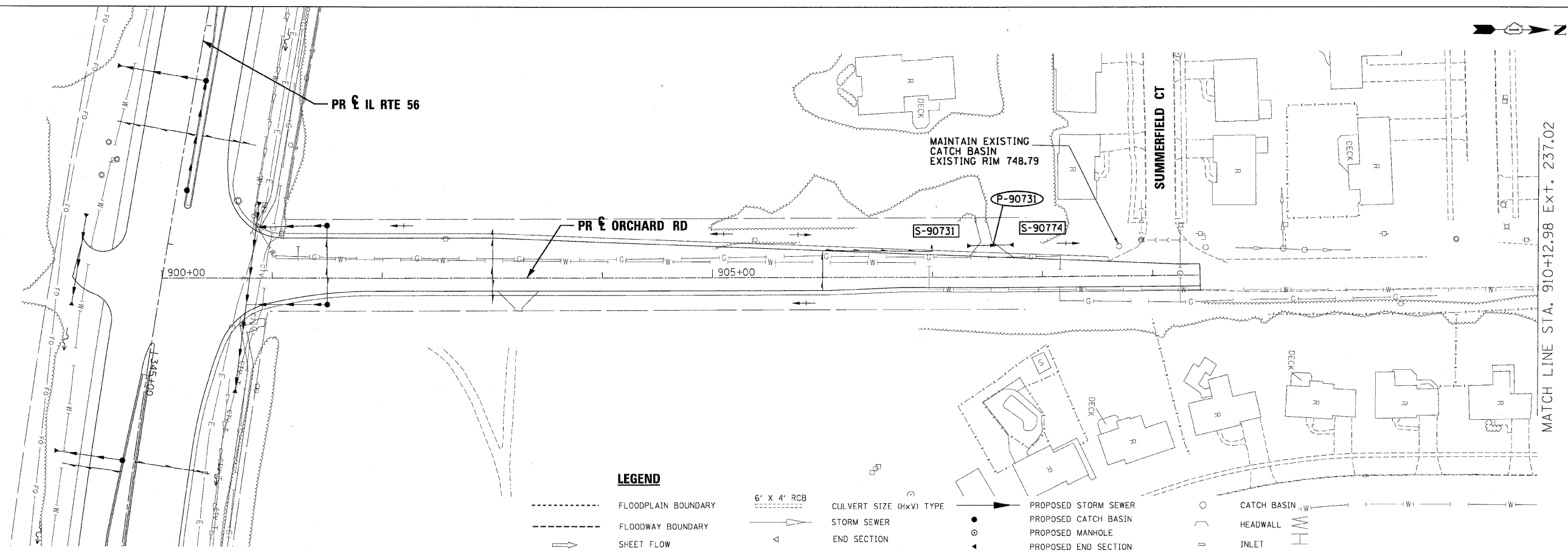
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PLOT DATE =	CHECKED - LSM	REVISIED -				CONTRACT NO. 62419				
	DATE - 12/6/10	REVISIED -				ILLINOIS FED. AID PROJECT				

SCALE: 1"=50' SHEET NO. 14 OF 18 SHEETS STA. 817+00.00 TO STA. 829+84.41

PLAN	REVISIONS	DATE
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	
NO.	BY	

PROFILE	REVISIONS	DATE
NO.	BY	
NO.	BY	
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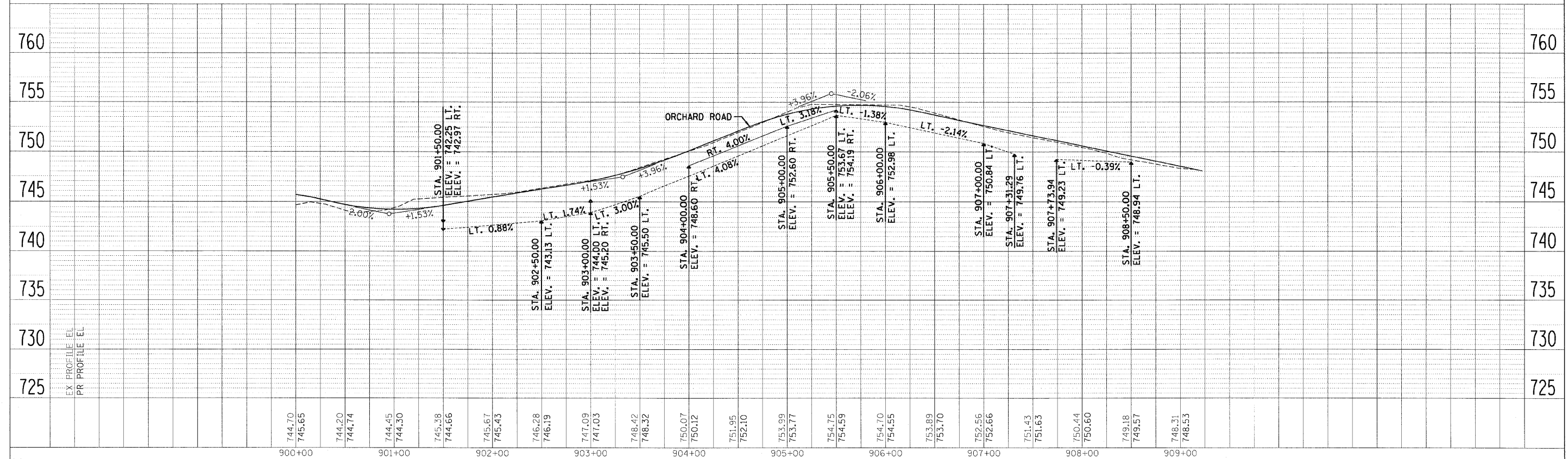
MATCH LINE STA. 900+00.00 EXT. -250.00



MATCH LINE STA. 910+12.98 EXT. 237.02

**LEGEND**

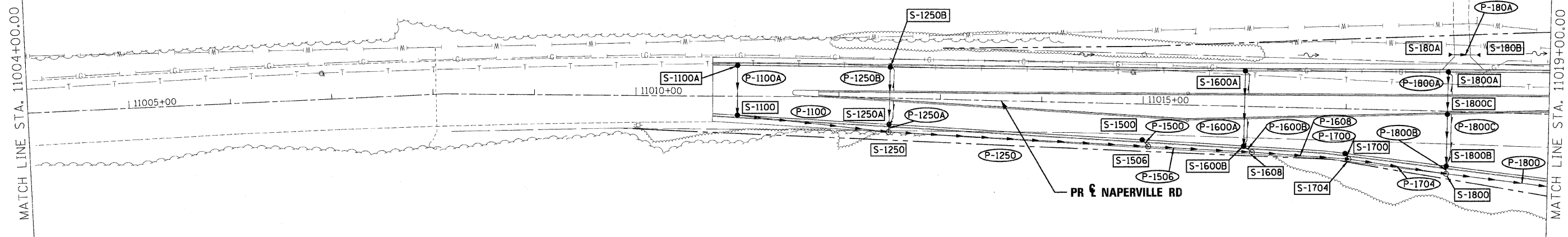
- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- DITCH
- CHANNEL
- 6' x 4' RCB
- CULVERT SIZE (HxV) TYPE
- STORM SEWER
- END SECTION
- DITCH HIGH POINT
- FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED END SECTION
- PROPOSED DITCH
- PROPOSED HEADWALL
- CATCH BASIN
- HEADWALL
- INLET
- MANHOLE
- ADJUST



FILE NAME =	DESIGNED - KEM	REVISIONS -	<b>2im</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PLAN AND PROFILE IL RTE 56</b>	F.A.P. RT. = 365	SECTION = (57 & 58)WRS-2	COUNTY =	TOTAL SHEETS = 681	SHEET NO. = 280		
USER NAME =	DRAWN - KEM	REVISIONS -				SCALE: 1"=50'	SHEET NO. 15 OF 18 SHEETS	STA. 900+00.00 TO STA. 910+12.98	CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT	
CHECKED - LSM	DATE - 12/6/10	REVISIONS -										
PLOT DATE =												



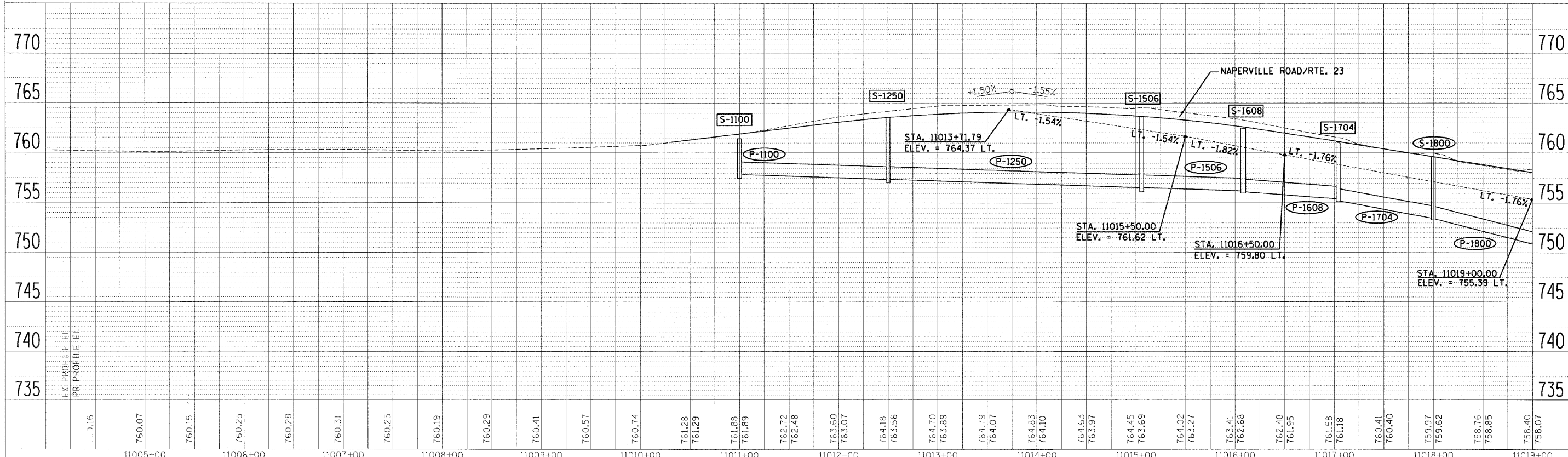
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NO.	BY	
	REVISIONS	
	PLOTTED	
	ALIGNED	
	CHECKED	
	DATE	
	FILE NAME	



**LEGEND**

- |       |                     |             |                         |   |                      |   |             |
|-------|---------------------|-------------|-------------------------|---|----------------------|---|-------------|
| ----- | FLOODPLAIN BOUNDARY | 6' X 4' RCB | CULVERT SIZE (HxV) TYPE | → | PROPOSED STORM SEWER | ○ | CATCH BASIN |
| ----- | FLOODWAY BOUNDARY   | ▽           | STORM SEWER             | ● | PROPOSED CATCH BASIN | ⌋ | HEADWALL    |
| →     | SHEET FLOW          | △           | END SECTION             | ○ | PROPOSED MANHOLE     | — | INLET       |
| →     | SWALE               | ↔           | DITCH HIGH POINT        | ◀ | PROPOSED END SECTION | ○ | MANHOLE     |
| ~     | DITCH               | -F-F-       | FURROW                  | ↗ | PROPOSED DITCH       | ⊠ | ADJUST      |
| ---   | CHANNEL             | →           | 4" PIPE UNDERDRAIN      | ⌋ | PROPOSED HEADWALL    |   |             |

PROFILE	DESIGNED	DATE
NO.	BY	
	REVISIONS	
	PLOTTED	
	ALIGNED	
	CHECKED	
	DATE	
	FILE NAME	



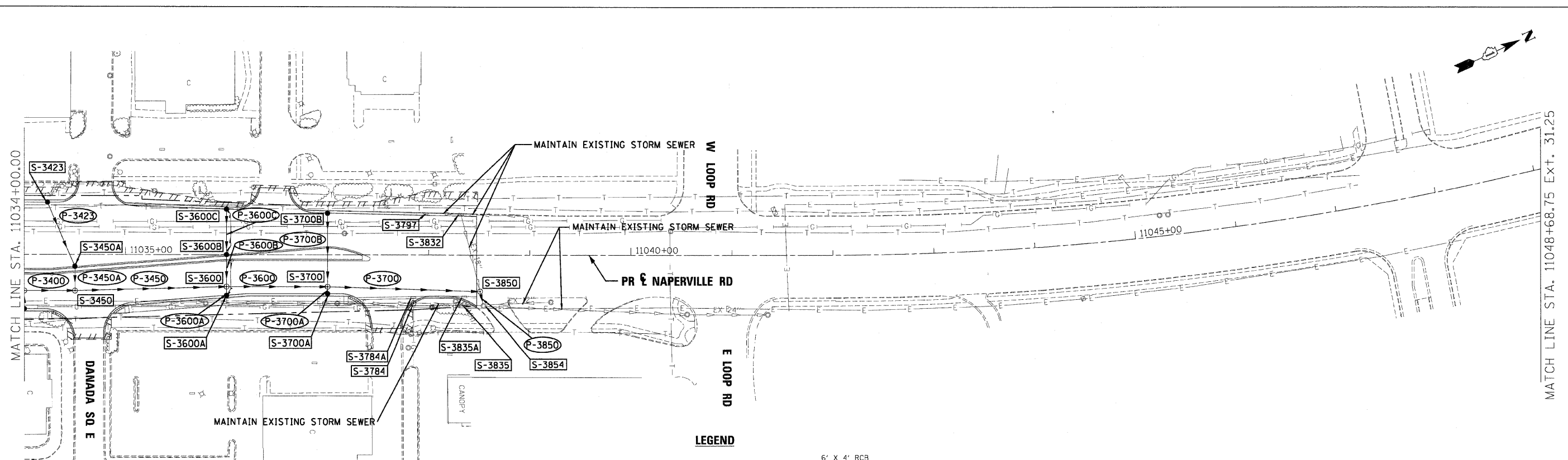
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	DATE - 12/6/10	REVISED -			ILLINOIS FED. AID PROJECT						





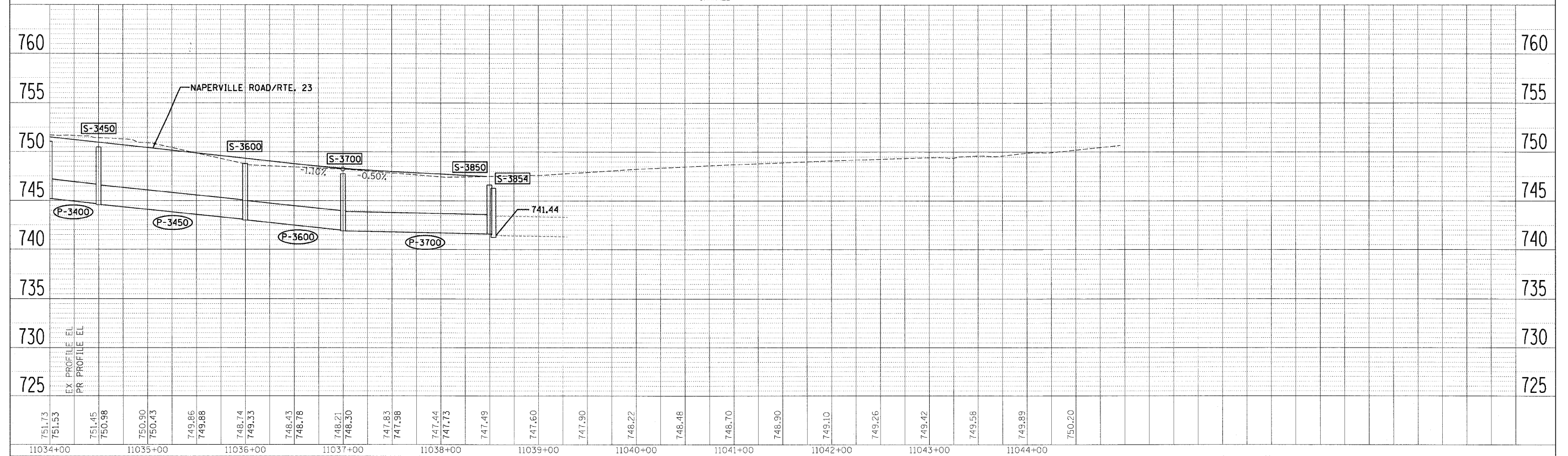
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 BY: \_\_\_\_\_  
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DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
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**LEGEND**

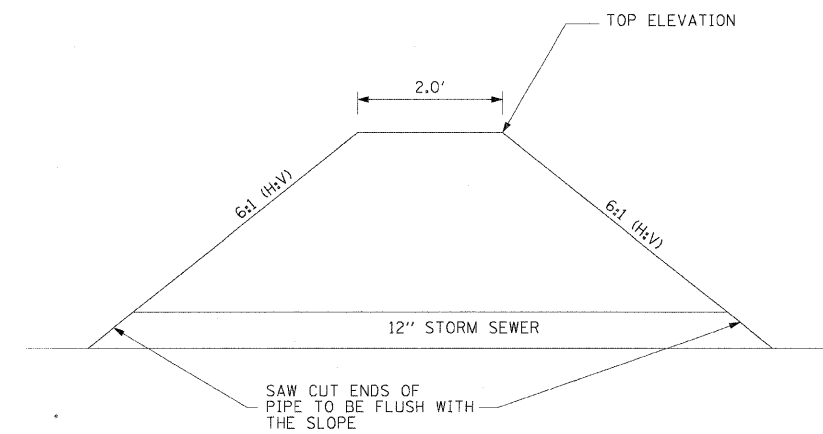
- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY
- SHEET FLOW
- SWALE
- DITCH
- CHANNEL
- 6' X 4' RCB
- CULVERT SIZE (HXV) TYPE
- STORM SEWER
- △ END SECTION
- ← DITCH HIGH POINT
- F-F- FURROW
- 4" PIPE UNDERDRAIN
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- △ PROPOSED END SECTION
- PROPOSED DITCH
- PROPOSED HEADWALL
- CATCH BASIN
- HEADWALL
- INLET
- MANHOLE
- ADJUST



FILE NAME =	DESIGNED - KEM	REvised -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DRAINAGE PLAN AND PROFILE</b> <b>IL RTE 56</b>	F.A.P. RTE. 365	SECTION 157 & 581WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 283			
USER NAME =	CHECKED - LSM	REvised -				SCALE: 1"=50'	SHEET NO. 18 OF 18 SHEETS	STA. 11034+00.00 TO STA. 11048+68.75	CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT		
PLOT DATE =	DATE - 12/6/10	REvised -											

PLAN	DESIGNED	BY	DATE
	ALIGNED		
NOTE BOOK NO.	CHECKED		
	FILED		
	CADD FILE NAME		

PROFILE	DESIGNED	BY	DATE
	GRADES		
NOTE BOOK NO.	CHECKED		
	STRUCTURE		
	NOTARIS INFO		



**DITCH CHECK WITH 12" PIPE OUTLET**  
NOT TO SCALE

USER NAME =	DESIGNED - KEM	REVISED -
	DRAWN - KEM	REVISED -
PLOT SCALE = 1" = 50'	CHECKED - LSM	REVISED -
PLOT DATE =	DATE - 12/6/10	REVISED -



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

**DRAINAGE DETAILS**  
**IL RTE 56**

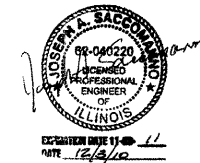
SCALE: 1"=50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	284
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	

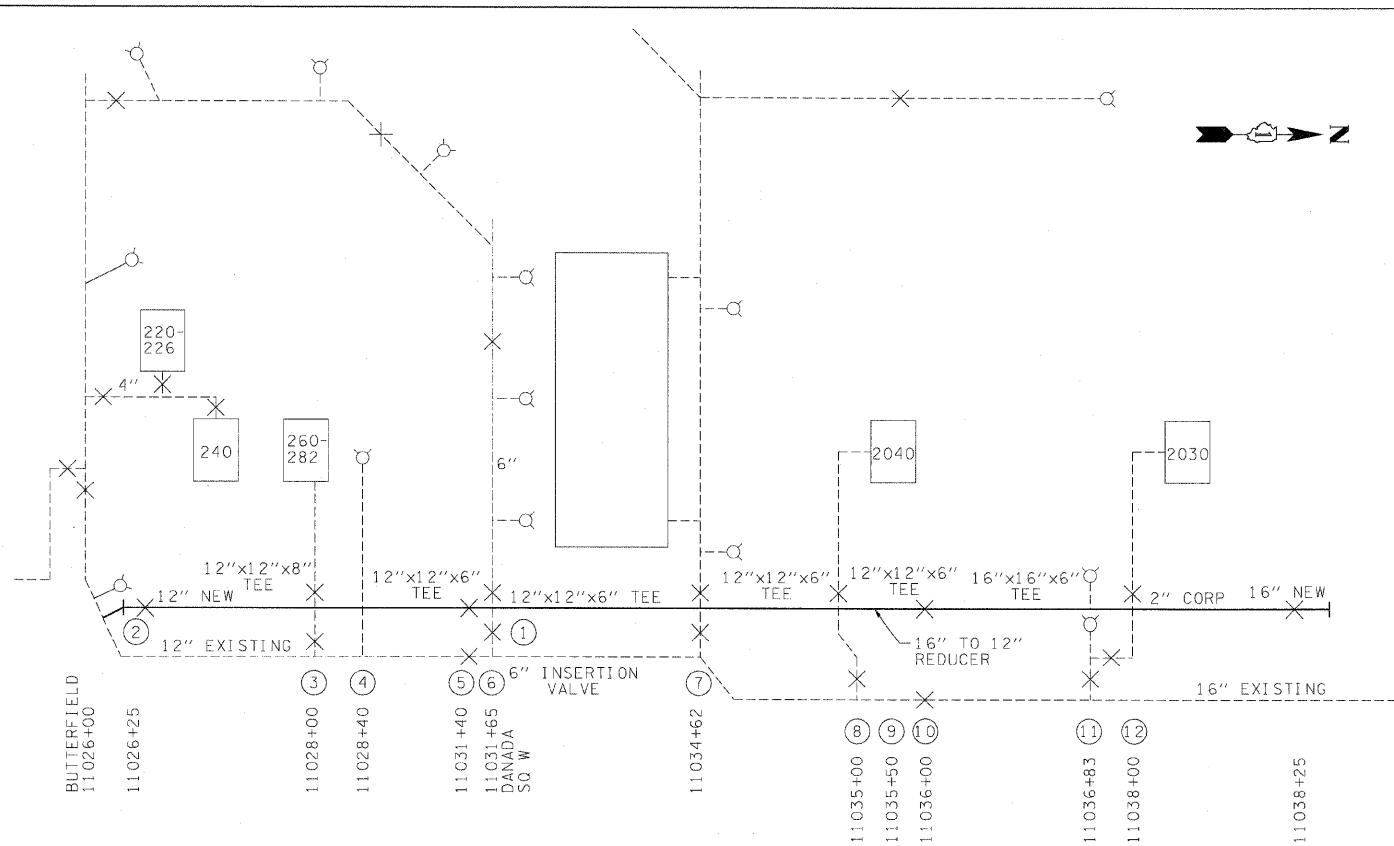


**WATERMAIN GENERAL NOTES:**

1. ALL VALVES AND FIRE HYDRANTS SHALL ONLY BE OPERATED BY A CITY OF WHEATON WATER DEPARTMENT REPRESENTATIVE.
2. WORK SHALL BE PERFORMED IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, 6TH EDITION DATED JULY 2009. 48 HOUR ADVANCE NOTICE MUST BE GIVEN TO ALL CONSUMERS AFFECTED BY CHANGES IN WATER SERVICE AND THE CITY OF WHEATON. THE CITY OF WHEATON WILL BE PROVIDED COPIES OF THE WRITTEN NOTIFICATION FOR THEIR APPROVAL PRIOR TO DISTRIBUTION.
3. WHEN WATER MAIN CONSTRUCTION REQUIRES SHUTTING DOWN WATER SERVICE CONTRACTOR WILL WORK CONTINUOUSLY UNTIL WATER SERVICE IS RESTORED.
4. LOCATION OF UTILITIES AND PROPERTY LINES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEE.
5. IF NEW WATER MAIN CONFLICTS WITH EXISTING MAIN, CONTRACTOR MUST TEMPORARILY RELOCATE EXISTING MAIN.
6. TEST PITS MUST BE EXCAVATED IN ADVANCE OF PIPELINE CONSTRUCTION IN ORDER TO CONFIRM DEPTH AND LOCATION OF EXISTING UTILITIES AND WHEN DIRECTED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR TEST PIT EXCAVATION.
7. IF ANY PUBLIC OR PRIVATE UTILITIES CROSS THE WATER MAIN TRENCH AND MUST REMAIN IN PLACE, THE CONTRACTOR MUST PROTECT SAID UTILITY IN CONFORMANCE WITH THE SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.
8. PROVIDE EROSION CONTROL AS DIRECTED BY THE ENGINEER.
9. WORK INDICATED ON THE PLANS AND NOT REFERENCED TO A BID ITEM IS CONSIDERED INCIDENTAL TO THE WORK TO WHICH IT APPLIES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
10. WATER MAIN AND FITTINGS LOCATIONS SHOWN ON THE DRAWINGS FOR THE NEW WATER MAINS AND APPURTENANCES MAY BE CHANGED BY THE ENGINEER DUE TO FIELD CONDITIONS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SUCH CHANGES, UNLESS PREVIOUSLY APPROVED BY THE ENGINEER.
11. THE CONTRACTOR MUST PROVIDE THRUST RESTRAINTS IN ACCORDANCE WITH THE SPECIFICATIONS. THE CONTRACTOR MUST FURNISH AND INSTALL MECHANICAL JOINT (MEGALUGS) AT ALL FITTINGS AND MECHANICAL JOINTS.
12. IF A STANDARD MECHANICAL JOINT SLEEVE DOES NOT FIT TO MAKE CONNECTION OF THE NEW PIPE TO THE EXISTING PIPE, A TRANSITION SLEEVE MUST BE USED. NO GRINDING OF THE EXISTING PIPE IS PERMITTED.
13. SWAB PIPE AND FITTINGS THAT WILL NOT BE PRESSURE TESTED OR CHLORINATE WITH CHLORINE SOLUTION DURING INSTALLATION AND USE EXTRA PRECAUTION TO PREVENT SOIL AND DEBRIS FROM ENTERING THE PIPE. INCORPORATE UNTESTED PIPE INTO THE FLUSHING ROUTINE WHEN POSSIBLE. WHEN CONNECTING NEW PIPE TO THE EXISTING WATER SYSTEM, USE OPERATING PRESSURE TO VISUALLY INSPECT FOR LEAKS. WHEN FEASIBLE, PERFORM INSPECTION PRIOR TO BACK FILLING.
14. DE-CHLORINATION OF CHLORINATED WATER IS REQUIRED. THE CONTRACTOR OR SUBCONTRACTED CHLORINATOR SHALL DE-CHLORINATED PER ANSI/AWWA STANDARD C651-05. THE CHLORINE LEVEL MUST BE BROUGHT TO POTABLE WATER LEVELS.
15. ALL WATER PIPE SHALL BE BELL AND SPIGOT JOINT DUCTILE IRON PIPE AND SHALL BE IN ACCORDANCE WITH THE WATER MAIN SPECIFICATIONS EXCEPT AT FITTINGS.
16. THE CONSTRUCTION NOTES FOR THE PROPOSED WATER MAIN PROVIDE A SUGGESTED METHOD OF CONSTRUCTION SEQUENCING. THIS SEQUENCING WILL BE USED UNLESS CHANGES ARE SUBMITTED AND APPROVED BY THE ENGINEER PRIOR TO WATER MAIN INSTALLATION.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING WATER SERVICES AND FIRE PROTECTION SERVICE DURING CONSTRUCTION. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THIS CONTRACT.
18. EXISTING UTILITY CONFLICTS ARE SCHEDULED TO BE RESOLVED PRIOR TO WATER MAIN CONSTRUCTION. HOWEVER, THIS MAY NOT HAVE OCCURRED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT ALL UTILITIES HAVE BEEN RELOCATED.
19. ALL ELEVATIONS PLACED IN THE WATER MAIN CONSTRUCTION NOTES ARE PROPOSED ELEVATIONS. WATER MAIN SHALL HAVE A MINIMUM OF 5' - 6" OF COVER.
20. THE CONTRACTOR SHALL AT THE END OF EACH DAY AND DURING PLACEMENT OF PIPE, INSTALL A WATER-TIGHT NIGHT PLUG. ALL WATER MAIN PIPE STUBBED FOR FUTURE CONNECTION SHALL HAVE A MJ CAP WITH 2" CORPORATION STOP AND 2" LINE FOR PRESSURE AND BACTERIAL TESTING AND THIS IS INCIDENTAL TO THE COST OF THE PROJECT.
21. THE CONTRACTOR SHALL PROVIDE IDOT AND THE CITY OF WHEATON WITH TWO COPIES OF A RED LINE MARK UP RECORD DRAWING OF THE WATER MAIN INSTALLATION AND ANY DESIGN CHANGES WHEN HAVE BEEN MADE. THE DRAWING SHALL NOTE EXACT LOCATION OF WATER MAIN, VALVES, FITTINGS, CONNECTIONS TO EXISTING WATER MAINS AND SERVICES AND ANY SPECIAL INSTALLATIONS. LOCATIONS SHALL BE REFERENCES TO ROADWAY RIGHT-OF-WAY LINES. DEPTH OF COVER WHEREVER IT VARIES FROM STANDARD SHALL ALSO BE INDICATED. THE RECORD DRAWING SHALL BE SIGNED AND DATED BY THE CONTRACTOR'S PROJECT MANAGER.
22. ALL REFERENCES TO "ENGINEER" IN THESE GENERAL NOTES REFER TO THE RESIDENT ENGINEER ON THIS PROJECT.
23. ALL REFERENCES TO "SPECIFICATION" IN THESE GENERAL NOTES REFER TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS, 6TH EDITION DATED JULY 2009 AND THE SPECIAL PROVISIONS.
24. EXISTING UTILITIES SHOWN IN PLAN AND PROFILE ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS.
25. CONTRACTOR SHALL MAINTAIN DRAINAGE AT ALL TIMES.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATIONS OF ALL UTILITIES FROM THE OWNERS OF THE RESPECTIVE UTILITIES.
27. COORDINATE WATER MAIN CONSTRUCTION WITH THE CITY OF WHEATON.
28. ALL WATER MAINS AND FITTINGS SHALL BE ENCASED WITH CLASS C, BLACK OR CLEAR, 8 MILS THICK, LINEAR LOW DENSITY POLYETHYLENE WRAP, SECURED WITH POLYETHYLENE TAPE.
29. SERVICE SADDLES ARE TO BE USED FOR INSTALLATION OF 1 1/4" OR GREATER SERVICE CONNECTIONS.
30. A 5' PIECE OF PIPE WILL BE INSTALLED BETWEEN TEES AND VALVES.
31. CONDITIONS IN THE FIELD MAY REQUIRE WATERMAIN ADJUSTMENTS TO AVOID CONFLICTS. A PAY ITEM HAS BEEN INCLUDED IN THE PLAN FOR ADDITIONAL FITTINGS TO FACILITATE THIS WORK. WORK SHALL COMPLY WITH IEPA REQUIREMENTS.



FILE NAME =	DESIGNED - JMM	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WATERMAIN GENERAL NOTES</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = #DATE#	DATE - 12/6/10	REVISED -			ILLINOIS FED. AID PROJECT							



THIS WORK IS TO BE PERFORMED IN STAGE I

**PRESSURE TESTING**

- OPEN NEW 6" VALVE AT STA. 11031+65
- OPEN 2" CORP AT STA. 11026+25 AND STA. 11038+50 TO BLEED OFF AIR AND FLUSH WATER
- CONDUCT PRESSURE TEST

**DISINFECTING**

- UPON SUCCESSFUL PRESSURE TEST, CHLORINATE WATER MAIN AT STA. 11038+00
- AFTER COMPLETION OF CHLORINATION FLUSH MAIN
- FOLLOWING IEPA REQUIREMENTS FOR CHLORINATION CONCENTRATION AND TIME PERIOD, FLUSH WATER MAIN FOLLOWING IEPA DECHLORINATION REQUIREMENTS
- TAKE BACTERIAL TESTS IN ACCORDANCE WITH IEPA REQUIREMENTS AT STA. 11026+00, STA. 11028+00, STA. 11034+62 AND STA. 11039+00

**CONNECTING TO WHEATON SYSTEM BETWEEN BUTTERFIELD ROAD AND DANADA SQUARE WEST**

- UPON RECEIPT OF IEPA OPERATING PERMIT; CLOSE NEW 12" VALVE AT STA. 11026+25
- CLOSE EXISTING 12" VALVE AT STA. 11026+00 WEST OF NAPERVILLE
- CLOSE EXISTING 8" VALVE AT STA. 11028+00
- CONNECT 12" WATER MAIN TO EXISTING WATER MAIN AT STA. 11026+00
- CONNECT 4" WATER MAIN AT STA. 11028+00
- WHEN COMPLETED OPEN 12" VALVE AT STA. 11026+25 FLUSH AT HYDRANT AT STA. 11028+40

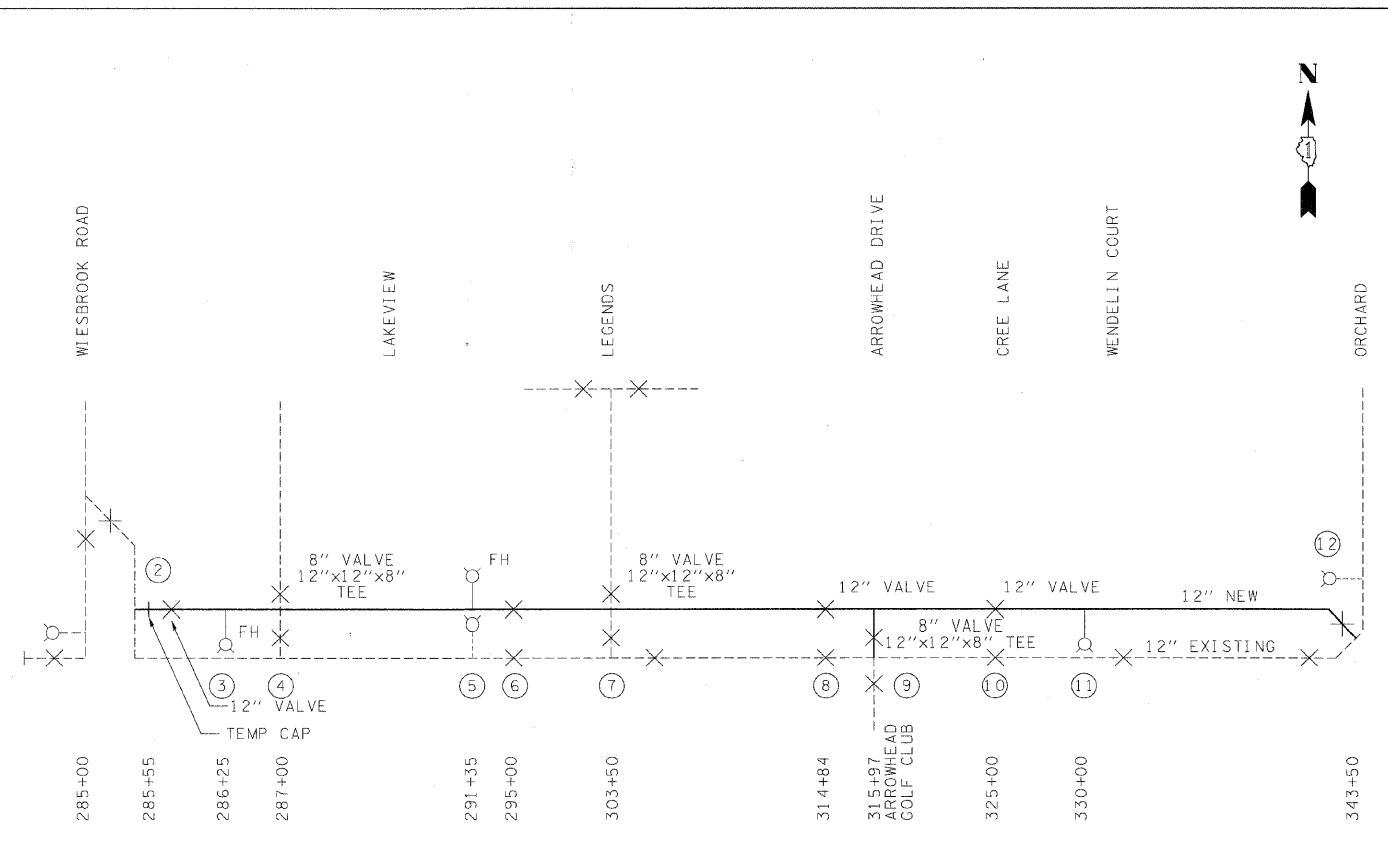
**CONNECTING TO WHEATON SYSTEM BETWEEN DANADA SQUARE WEST AND 2040 NAPERVILLE ROAD**

- CLOSE EXISTING 6" VALVE AT STA. 11034+62
- CLOSE EXISTING 6" VALVE AT STA. 11035+65
- CONNECT 6" WATER MAIN TO EXISTING WATER MAIN AT STA. 11034+62
- CONNECT 6" WATER MAIN TO EXISTING WATER MAIN AT STA. 11035+65
- WHEN COMPLETED OPEN 6" VALVE AT STA. 11034+62 AND 6" VALVE AT STA. 11035+65

**CONNECTING TO WHEATON SYSTEM BETWEEN 2040 NAPERVILLE ROAD AND 2020 NAPERVILLE ROAD**

- CLOSE NEW 16" VALVE AT STA. 11036+00
- CLOSE NEW 16" VALVE AT STA. 11038+25
- CLOSE EXISTING 6" VALVE AT STA. 11036+83
- CLOSE 16" VALVE AT STA. NORTH OF 2000 NAPERVILLE ROAD
- CONNECT TO EXISTING 16" WATER MAIN AT STA. 11038+50
- CONNECT 2" CORP AT STA. 11038+00
- OPEN 16" VALVE AT STA. 11036+00
- FLUSH WATER MAIN THROUGH FIRE HYDRANT AT STA. 11036+83
- OPEN 16" VALVE AT STA. 11038+25
- OPEN 16" VALVE AT STA. NORTH OF 2000 NAPERVILLE ROAD

**NAPERVILLE ROAD  
STAGE I**



THIS WORK IS TO BE PERFORMED IN STAGE II

**PRESSURE TESTING**

- OPEN HYDRANT AT STA. 286+25 TO BLEED AIR AND FLUSH FROM WATER MAIN
- OPEN 12" NEW VALVE AT STA. 343+63 TO FILL LINE
- CONDUCT PRESSURE TEST

**DISINFECTING**

- UPON SUCCESSFUL PRESSURE TEST, CHLORINATE WATER MAIN FROM 2" COPPER LINE AT STA. 343+25
- FOLLOWING IEPA REQUIREMENTS FOR CHLORINATION CONCENTRATION AND TIME PERIOD, FLUSH WATER MAIN FOLLOWING IEPA DECHLORINATION REQUIREMENTS
- TAKE BACTERIAL TESTS IN ACCORDANCE WITH IEPA REQUIREMENTS AT STA. 285+55, STA. 287+00, STA. 303+50 AND STA. 315+97

**CONNECTING TO WHEATON SYSTEM BETWEEN WIESEBROOK DRIVE AND LEGENDS**

- UPON RECEIPT OF IEPA OPERATING PERMIT
- CLOSE EXISTING TWO VALVES AT THE INTERSECTION OF LEGENDS DRIVE AND MITCHELL CIRCLE
- CLOSE EXISTING 8" VALVE AT STA. 287+00
- CLOSE EXISTING 8" VALVE AT STA. 303+50
- CONNECT 8" WATER MAIN TO EXISTING WATER MAIN AT STA. 287+00
- CONNECT 8" WATER MAIN TO EXISTING WATER MAIN AT STA. 303+50
- WHEN COMPLETED OPEN TWO EXISTING VALVES AT THE INTERSECTION OF LEGENDS DRIVE AND MITCHELL CIRCLE
- OPEN NEW 8" VALVE AT STA. 287+00
- OPEN NEW 8" VALVE AT STA. 303+50
- FLUSH WATER THROUGH FIRE HYDRANTS AT STA. 286+25 & STA. 291+35

**CONNECTING TO WHEATON SYSTEM AT WIESEBROOK ROAD**

- CLOSE EXISTING VALVE AT WIESEBROOK ROAD AT STA. 285+00 AND EXISTING VALVE AT STA. 295+00
- REMOVE TEMPORARY CAP AT STA. 285+55
- INSTALL 90 DEGREE ELBOW AT STA. 285+00 AND CONNECT TO EXISTING 12" WATERMAIN
- WHEN COMPLETED CLOSE NEW 12" VALVE AT STA. 295+00, OPEN EXISTING 12" VALVE AT WIESEBROOK ROAD AT STA. 285+00 AND NEW 12" VALVE AT STA. 285+75.
- FLUSH THROUGH FIRE HYDRANT AT STA. 291+35
- WHEN COMPLETED OPEN NEW VALVE AT STA. 295+00

**CONNECTING TO ARROWHEAD COUNTRY CLUB**

- CLOSE EXISTING 12" VALVE AT STA. 314+84 AND EXISTING 12" VALVE AT STA. 325+00
- CONNECT 8" WATER MAIN TO EXISTING WATER MAIN AT STA. 315+97
- WHEN COMPLETED OPEN NEW 8" VALVE AT STA. 315+97
- PLACE 12" CAP AT STA. 343+50 TEE

**BUTTERFIELD  
STAGE II**

FILE NAME =	DESIGNED - JMM	REVISED -
...NDIG2419-shl-wm-seq.dgn	DRAWN - TMB	REVISED -
USER NAME = tbenk	CHECKED - RMT	REVISED -
PL01 DATE = 12/7/2010	DATE - 12/6/10	REVISED -

**benesch**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

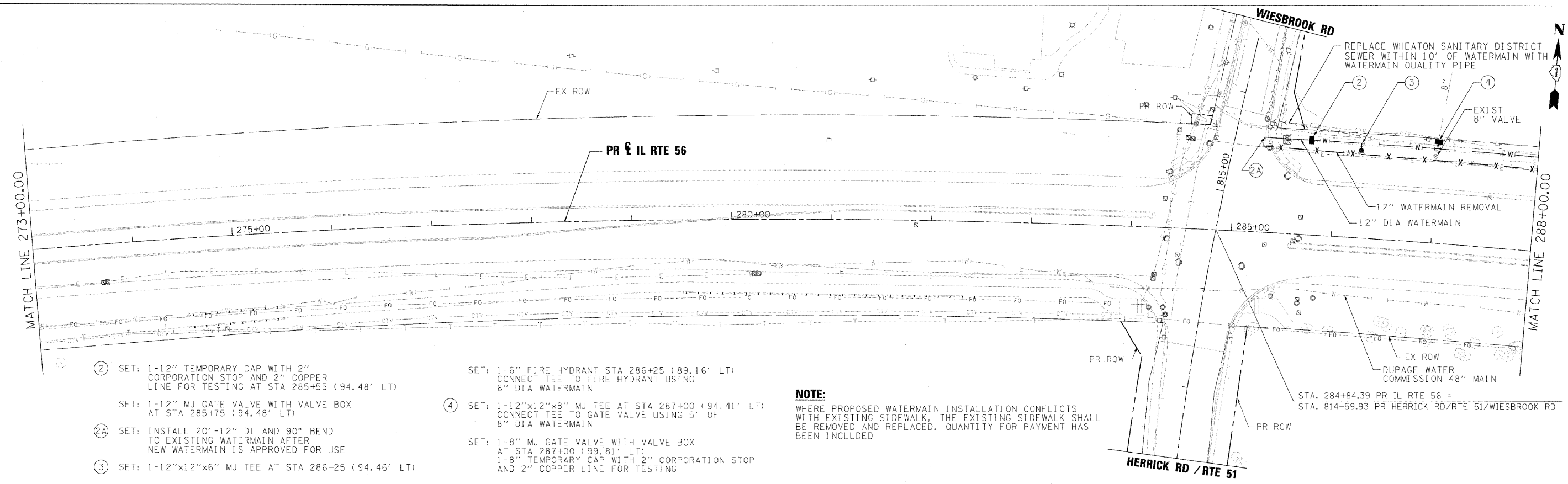
**WATERMAIN SEQUENCING**

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	

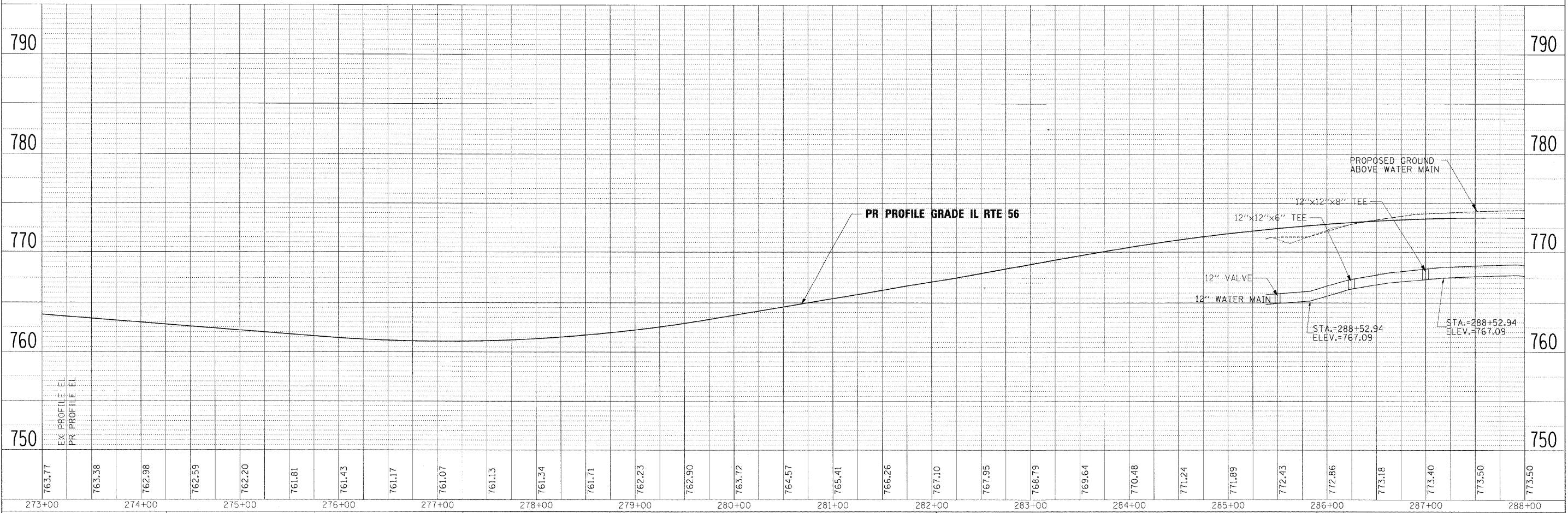
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- ② SET: 1-12" TEMPORARY CAP WITH 2" CORPORATION STOP AND 2" COPPER LINE FOR TESTING AT STA 285+55 (94.48' LT)
- ③ SET: 1-12"x12"x6" MJ TEE AT STA 286+25 (94.46' LT)
- ④ SET: 1-12"x12"x8" MJ TEE AT STA 287+00 (94.41' LT) CONNECT TEE TO GATE VALVE USING 5' OF 8" DIA WATERMAIN
- ⑤ SET: 1-8" MJ GATE VALVE WITH VALVE BOX AT STA 287+00 (99.81' LT) 1-8" TEMPORARY CAP WITH 2" CORPORATION STOP AND 2" COPPER LINE FOR TESTING
- ⑥ SET: 1-6" FIRE HYDRANT STA 286+25 (89.16' LT) CONNECT TEE TO FIRE HYDRANT USING 6" DIA WATERMAIN

**NOTE:**  
WHERE PROPOSED WATERMAIN INSTALLATION CONFLICTS WITH EXISTING SIDEWALK, THE EXISTING SIDEWALK SHALL BE REMOVED AND REPLACED. QUANTITY FOR PAYMENT HAS BEEN INCLUDED



FILE NAME =	DESIGNED - JMM	REVISED -	<b>benesch</b> STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	<b>WATERMAIN PLAN AND PROFILE</b> <b>IL RTE 56</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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DATE = 12/7/2010	DATE = 12/6/10	REVISED -			ILLINOIS FED. AID PROJECT				

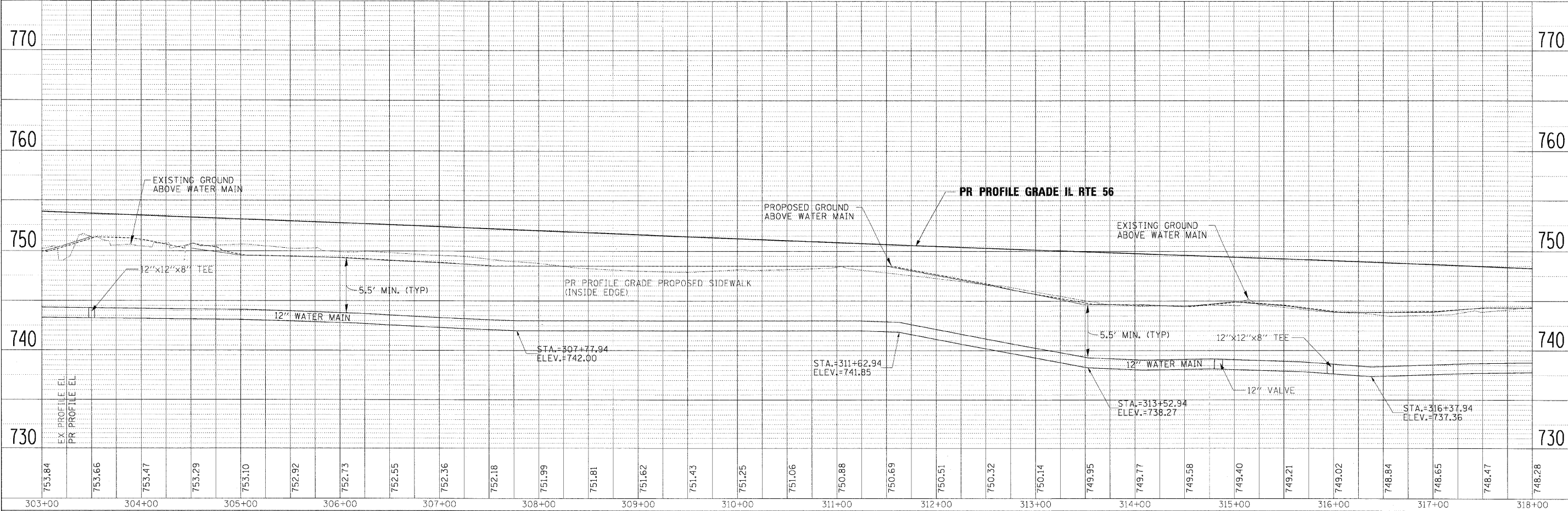
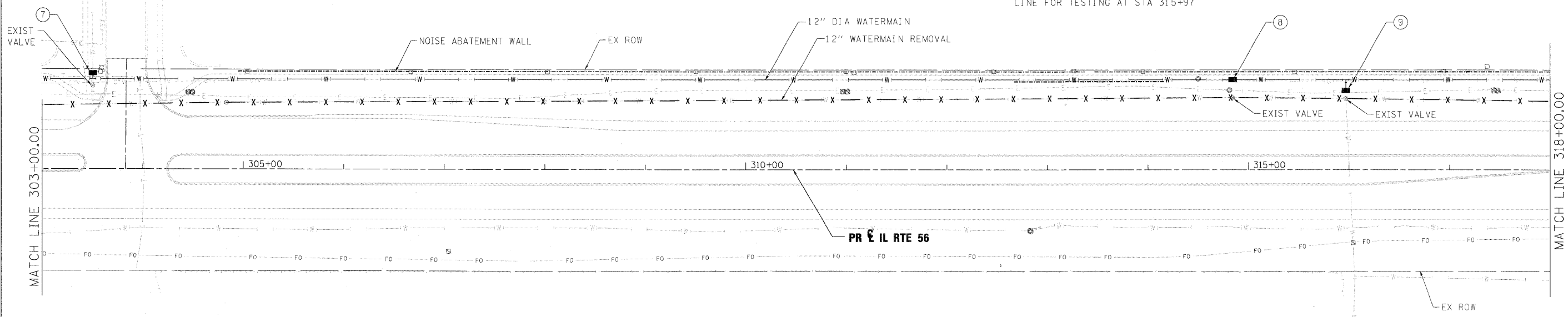
SCALE: 1"=50' SHEET NO. 3 OF 11 SHEETS STA. 273+00 TO STA. 288+00





- ⑦ SET: 1-12"x12"x8" MJ TEE AT STA 303+50 (90.00' LT) CONNECT TEE TO GATE VALVE USING 5' OF 8" DIA WATERMAIN
- SET: 1-8" MJ GATE VALVE AT STA 303+50 (95.40' LT)
- SET: 1-8" TEMPORARY CAP WITH 2" CORPORATION STOP AND 2" COPPER LINE FOR TESTING AT STA 303+50
- ⑧ SET: 1-12" MJ GATE VALVE WITH VALVE BOX AT STA 314+84 (90.00' LT)
- ⑨ SET: 1-12"x12"x8" MJ TEE AT STA 315+97 (90.00' LT) CONNECT TEE TO GATE VALVE USING 5' OF 8" DIA WATERMAIN
- SET: 1-8" MJ GATE VALVE WITH VALVE BOX AT STA 315+97 (84.60' LT)
- SET: 1-8" TEMPORARY CAP WITH 2" CORPORATION STOP AND 2" COPPER LINE FOR TESTING AT STA 315+97

**LEGENDS DR**



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DATE	
FILE NAME	
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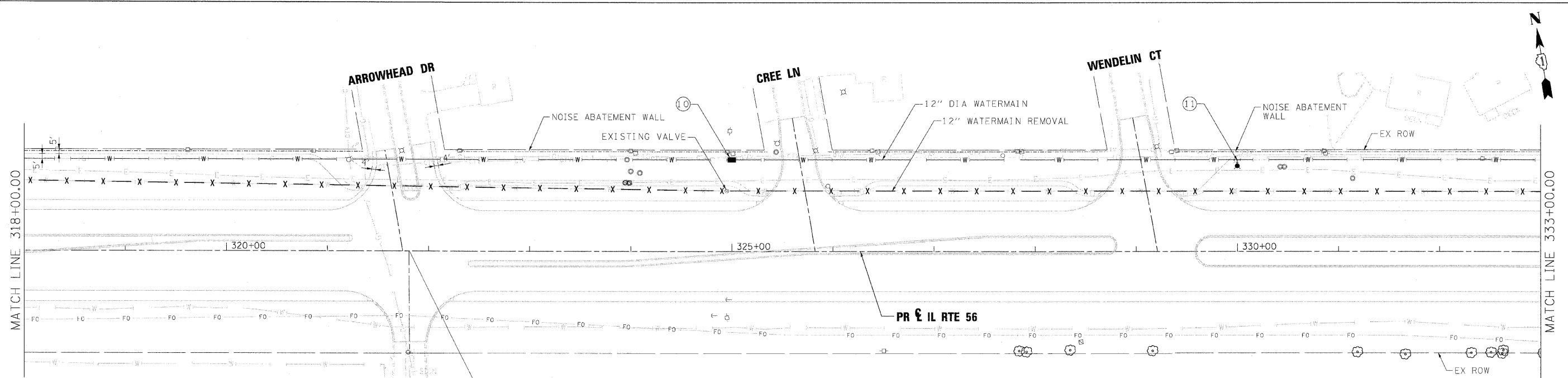
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FILE NAME = ... \D162419 sht-wi-plnprf05.dgn	DESIGNED - JMM	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WATERMAIN PLAN AND PROFILE IL RTE 56</b>				F.A.P. RTE. 365	SECTION (57 & 58) WRS-2	COUNTY DUPAGE	TOTAL SHEETS 681	SHEET NO. 289	
USER NAME = cblank	DRAWN - TMB	REVISED -			SCALE: 1"=50'	SHEET NO. 5 OF 11 SHEETS	STA. 303+00 TO STA. 318+00	CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT				
CHECKED - RMT	DATE - 12/6/10	REVISED -												
PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -												



PLAN	DATE
SUBMITTED	BY
PLOTTED	
ALIGNMENT CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	

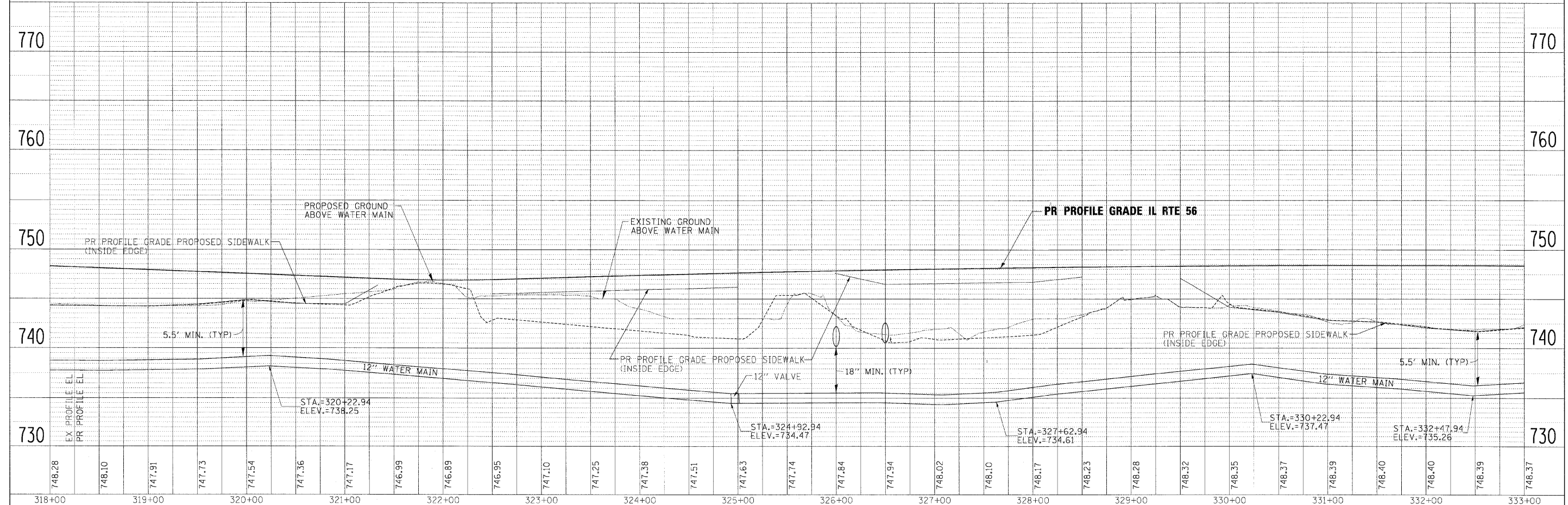
PROFILE	DATE
SUBMITTED	BY
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHECKED	
NOTE BOOK NO.	
CADD FILE NAME	



**ARROWHEAD GOLF COURSE ENTRANCE**

STA. 321+80.52 PR IL RTE 56 =  
ARROWHEAD DR

- ⑩ SET: 1-12" MJ GATE VALVE WITH VALVE BOX AT STA 325+00 (90.00' LT)
- ⑪ SET: 12"X12"X6" MJ TEE AT STA 330+00 (90.00' LT) CONNECT TEE TO FIRE HYDRANT USING 6" DIA WATERMAIN
- SET: 1-6" FIRE HYDRANT AT STA 330+00 (83.80' LT)



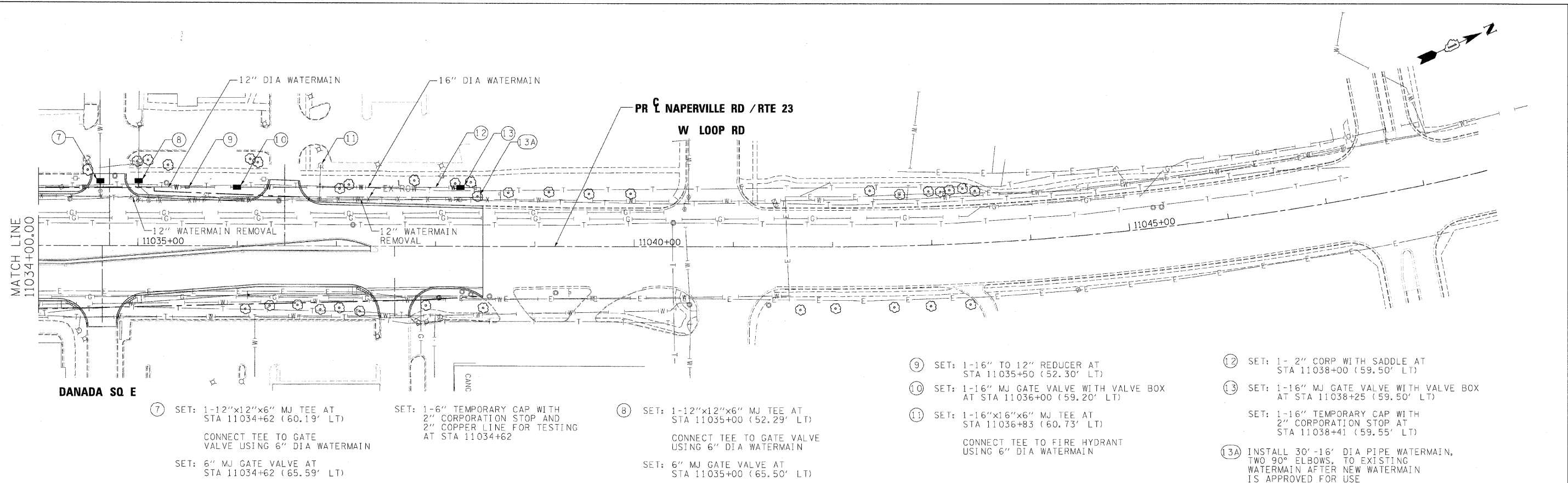
FILE NAME =	DESIGNED - JMM	REVISED -	<b>benesch</b> STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	<b>WATERMAIN PLAN AND PROFILE</b> <b>IL RTE 56</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\0162419-ah-t-wm.plrpr f06.dgn	DRAWN - TMB	REVISED -		365	(57 & 58)WRS-2	DUPAGE	681	290		
USER NAME = sbblnk	CHECKED - RMT	REVISED -		CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/7/2018	DATE - 12/6/10	REVISED -		SCALE: 1"=50'		SHEET NO. 6 OF 11 SHEETS		STA. 318+00 TO STA. 333+00		





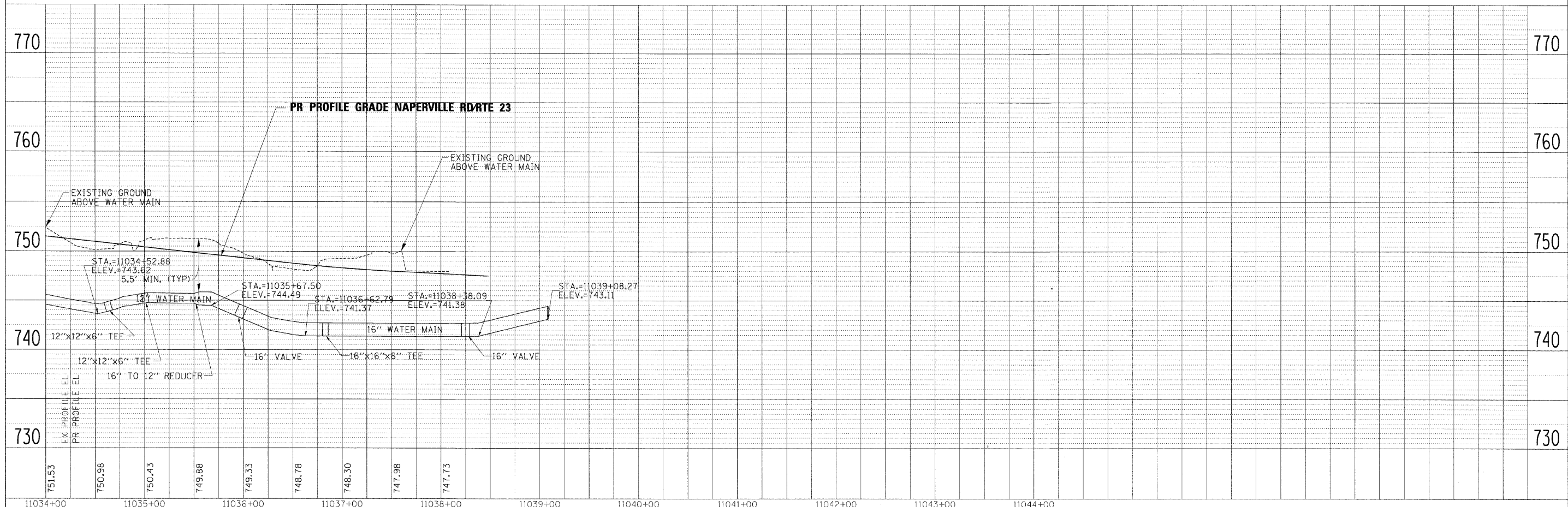


DATE	
BY	
REVISIONS	
PLANNING	
DESIGN	
CONSTRUCTION	
NO. 1	

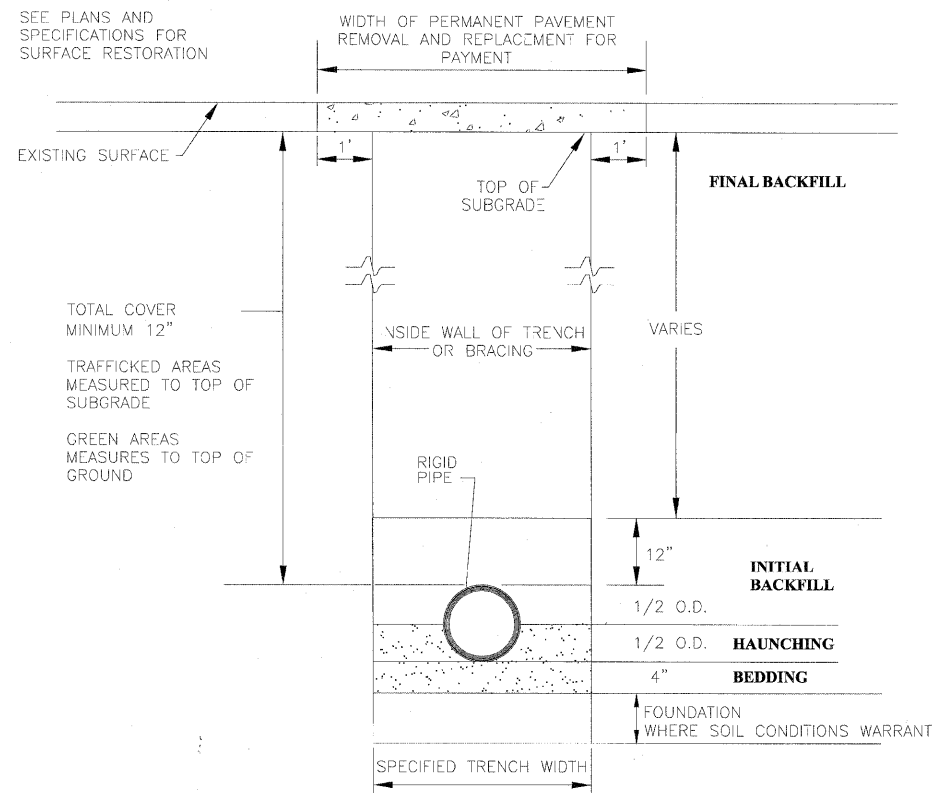


- ⑦ SET: 1-12"x12"x6" MJ TEE AT STA 11034+62 (60.19' LT)  
CONNECT TEE TO GATE VALVE USING 6" DIA WATERMAIN  
SET: 6" MJ GATE VALVE AT STA 11034+62 (65.59' LT)
- ⑧ SET: 1-6" TEMPORARY CAP WITH 2" CORPORATION STOP AND 2" COPPER LINE FOR TESTING AT STA 11034+62  
CONNECT TEE TO GATE VALVE USING 6" DIA WATERMAIN  
SET: 6" MJ GATE VALVE AT STA 11035+00 (65.50' LT)
- ⑨ SET: 1-16" TO 12" REDUCER AT STA 11035+50 (52.30' LT)
- ⑩ SET: 1-16" MJ GATE VALVE WITH VALVE BOX AT STA 11036+00 (59.20' LT)
- ⑪ SET: 1-16"x16"x6" MJ TEE AT STA 11036+83 (60.73' LT)  
CONNECT TEE TO FIRE HYDRANT USING 6" DIA WATERMAIN
- ⑫ SET: 1- 2" CORP WITH SADDLE AT STA 11038+00 (59.50' LT)
- ⑬ SET: 1-16" MJ GATE VALVE WITH VALVE BOX AT STA 11038+25 (59.50' LT)
- SET: 1-16" TEMPORARY CAP WITH 2" CORPORATION STOP AT STA 11038+41 (59.55' LT)
- ⑬A INSTALL 30'-16" DIA PIPE WATERMAIN, TWO 90° ELBOWS, TO EXISTING WATERMAIN AFTER NEW WATERMAIN IS APPROVED FOR USE

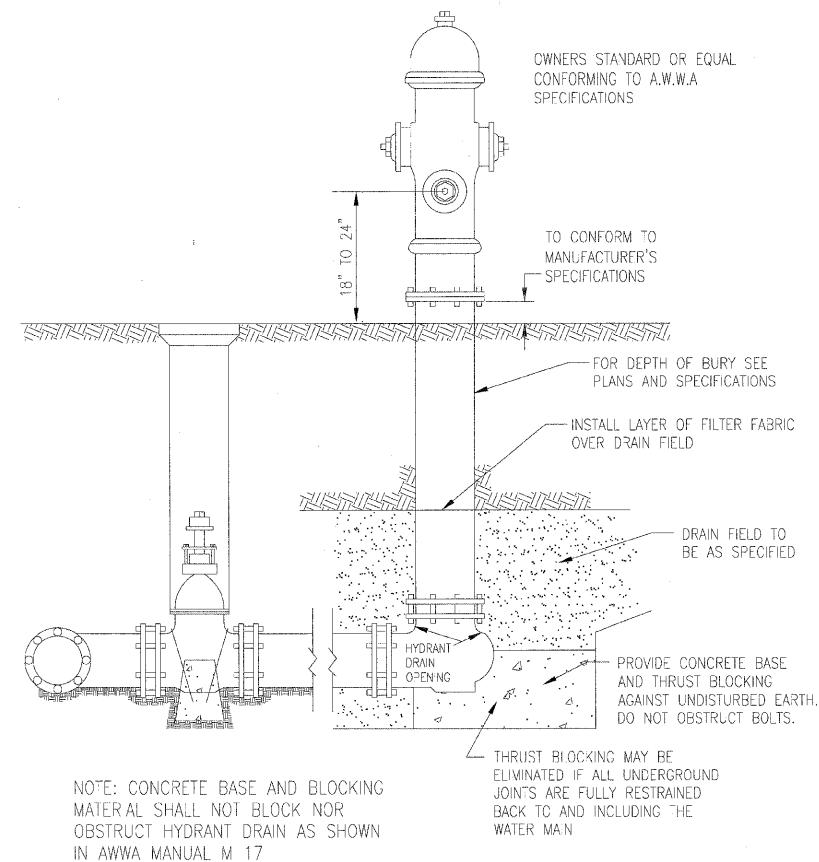
DATE	
BY	
REVISIONS	
PROFILE	
DESIGN	
CONSTRUCTION	
NO. 1	



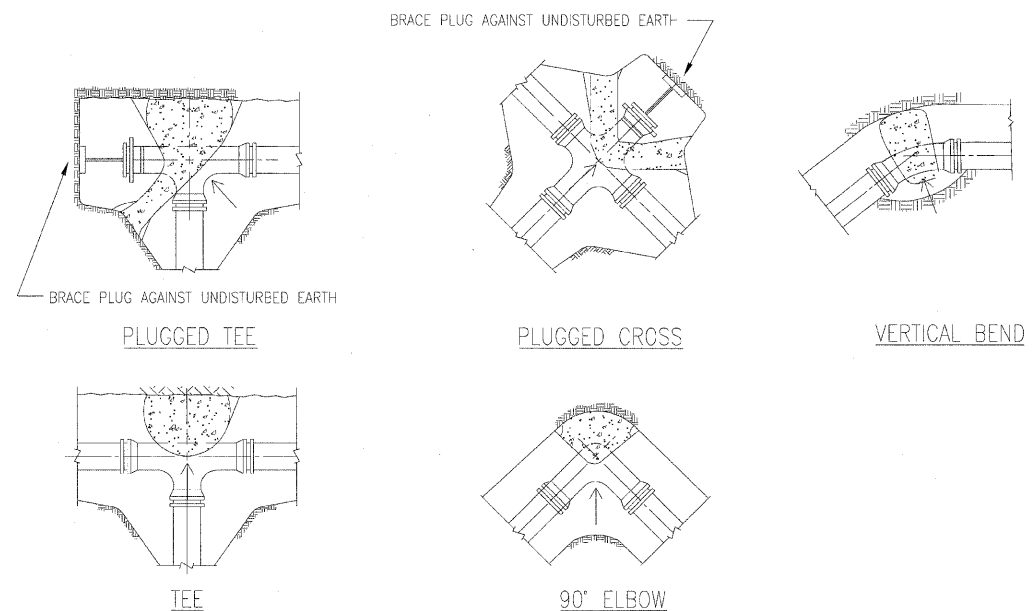
FILE NAME =	DESIGNED - JMM	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>		<b>WATERMAIN PLAN AND PROFILE</b> <b>NAPERVILLE RD</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\D162419-shr-wm-plnprf19.dgn	DRAWN - TMB	REVISED -		365	(57 & 58)WRS-2	DUPAGE	681	293				
USER NAME = sbblank	CHECKED - RMT	REVISED -		CONTRACT NO. 62419		ILLINOIS FED. AID PROJECT						
DATE = 12/7/2018	DATE = 12/6/10	REVISED -		SCALE: 1"=50'		SHEET NO. 9 OF 11 SHEETS	STA. 1034+00 TO STA. POE					



**RIGID PIPE INSTALLATION DETAIL**

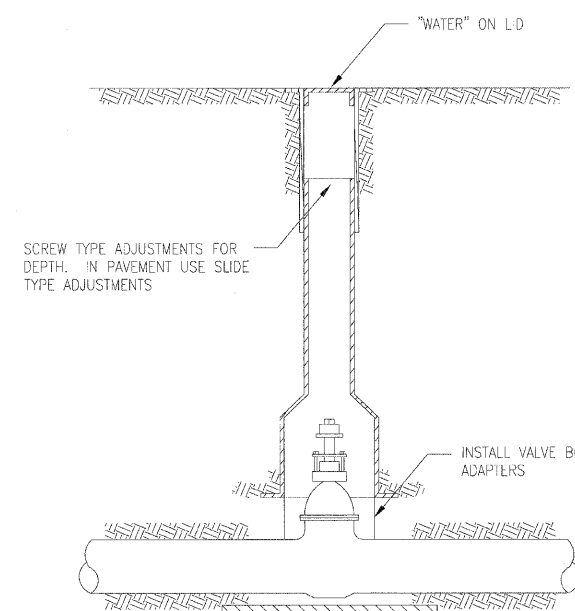


**TYPICAL HYDRANT INSTALLATION**



NOTE: ALL BLOCKS BEAR AGAINST UNDISTURBED EARTH. ARROWS INDICATE DIRECTION OF THRUST. ALL BLOCKS TO BE 3000 P.S.I CONCRETE. ALL FITTINGS SHOWN IN PLAN EXCEPT VERTICAL BEND.

**TYPICAL THRUST BLOCK INSTALLATIONS**



**TYPICAL VALVE BOX INSTALLATION**

FILE NAME =	DESIGNED - JMM	REVISED -
...D162419-ahs-wm-de101.dgn	DRAWN - TMB	REVISED -
USER NAME = tbenk	CHECKED - RMT	REVISED -
PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -

**benesch**

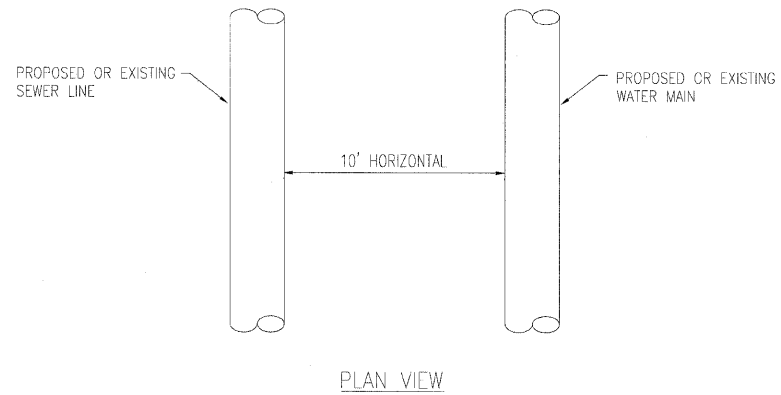
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WATERMAIN DETAILS**

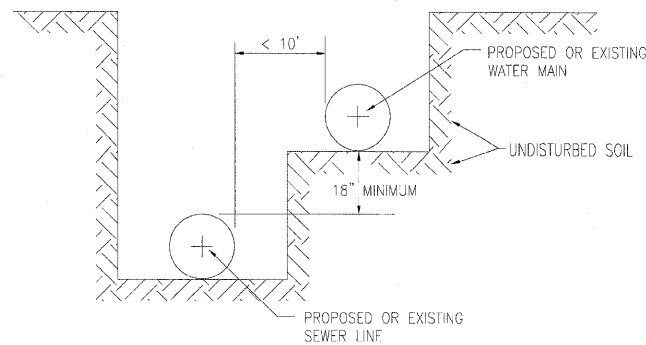
SCALE: NTS SHEET NO.10 OF 11 SHEETS STA. TO STA.

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	294
CONTRACT NO. 62419			ILLINOIS FED. AID PROJECT	

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (OR SEWER), NO SPECIAL CONSTRUCTION REQUIRED. SEE ARTICLE 41-2.01A (1)



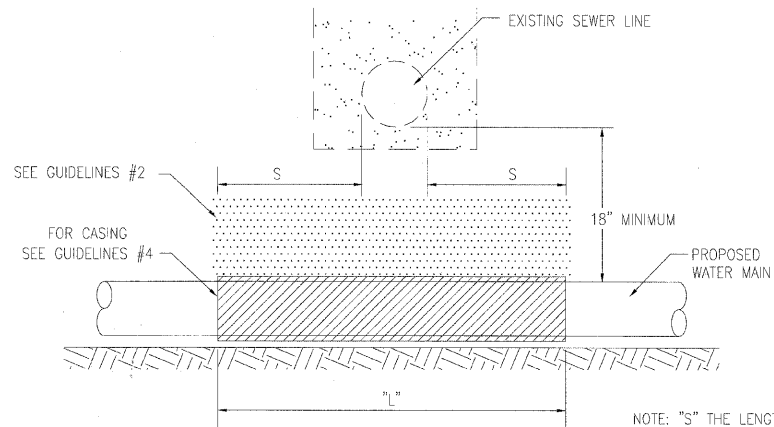
WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10 FEET FROM EXISTING WATER (OR SEWER), DETAILS BELOW SHALL APPLY. SEE ARTICLE 41-2.01B (2)



**WATER AND SEWER SEPERATION REQUIREMENTS – HORIZONTAL SEPERATION**

PROPOSED WATER MAIN BELOW EXISTING SEWER LINE WITH 18" MINIMUM VERTICAL SEPERATION.

NOTE: COMPACTION REQUIREMENTS REFER TO ARTICLE 20-4

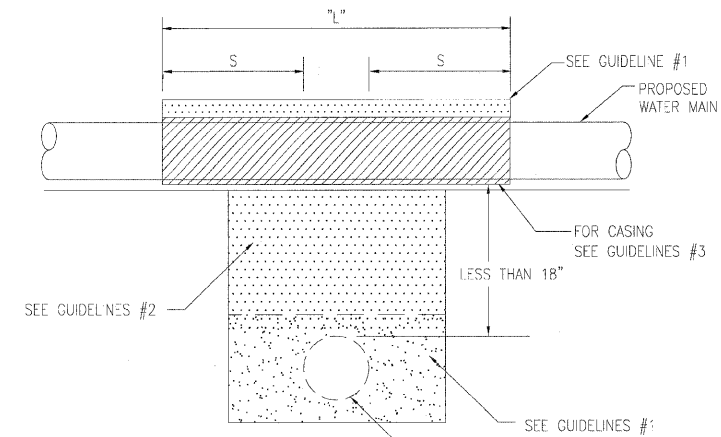


NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPERATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE

**WATER AND SEWER SEPERATION REQUIREMENTS – VERTICAL SEPERATION**

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" VERTICAL SEPERATION

NOTE: COMPACTION REQUIREMENTS REFER TO ARTICLE 20-4



NOTE: "S" THE LENGTH NECESSARY TO PROVIDE 10 FEET OF SEPERATION AS MEASURED PERPENDICULAR TO THE EXISTING SEWER LINE.

**WATER AND SEWER SEPERATION REQUIREMENTS – VERTICAL SEPERATION**

GUIDELINES

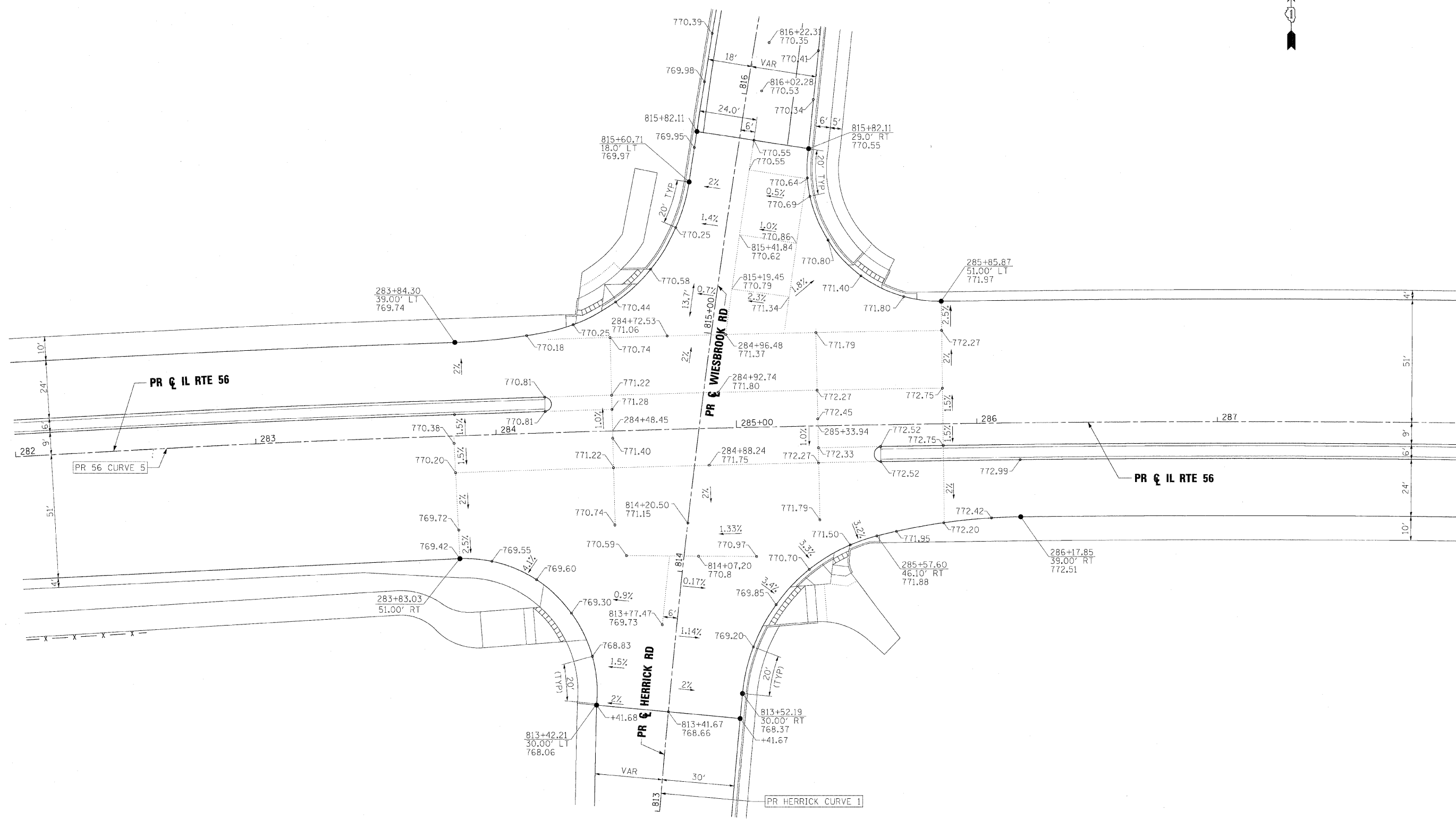
1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER

GUIDELINES

1. OMIT SELECT GRANULAR EMBEDMENT AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L".
2. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT.
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT.
4. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED WATER MAIN AND SEAL ENDS OF CASING.

FILE NAME =	DESIGNED - JMM	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WATERMAIN DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...ND162419-shr-wm-de02.dgn	DRAWN - TMB	REVISED -			365	(57 & 58)WRS-2	DUPAGE	681	295			
USER NAME = tblank	CHECKED - RMT	REVISED -			SCALE: NTS SHEET NO. 11 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 62419				
PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -			ILLINOIS FED. AID PROJECT							





FILE NAME =	DESIGNED - JMM	REVISED -
...\\s162419-sht-intersec_HW_elev.dgn	DRAWN - TMB	REVISED -
USER NAME = tclank	CHECKED - RMT	REVISED -
PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -

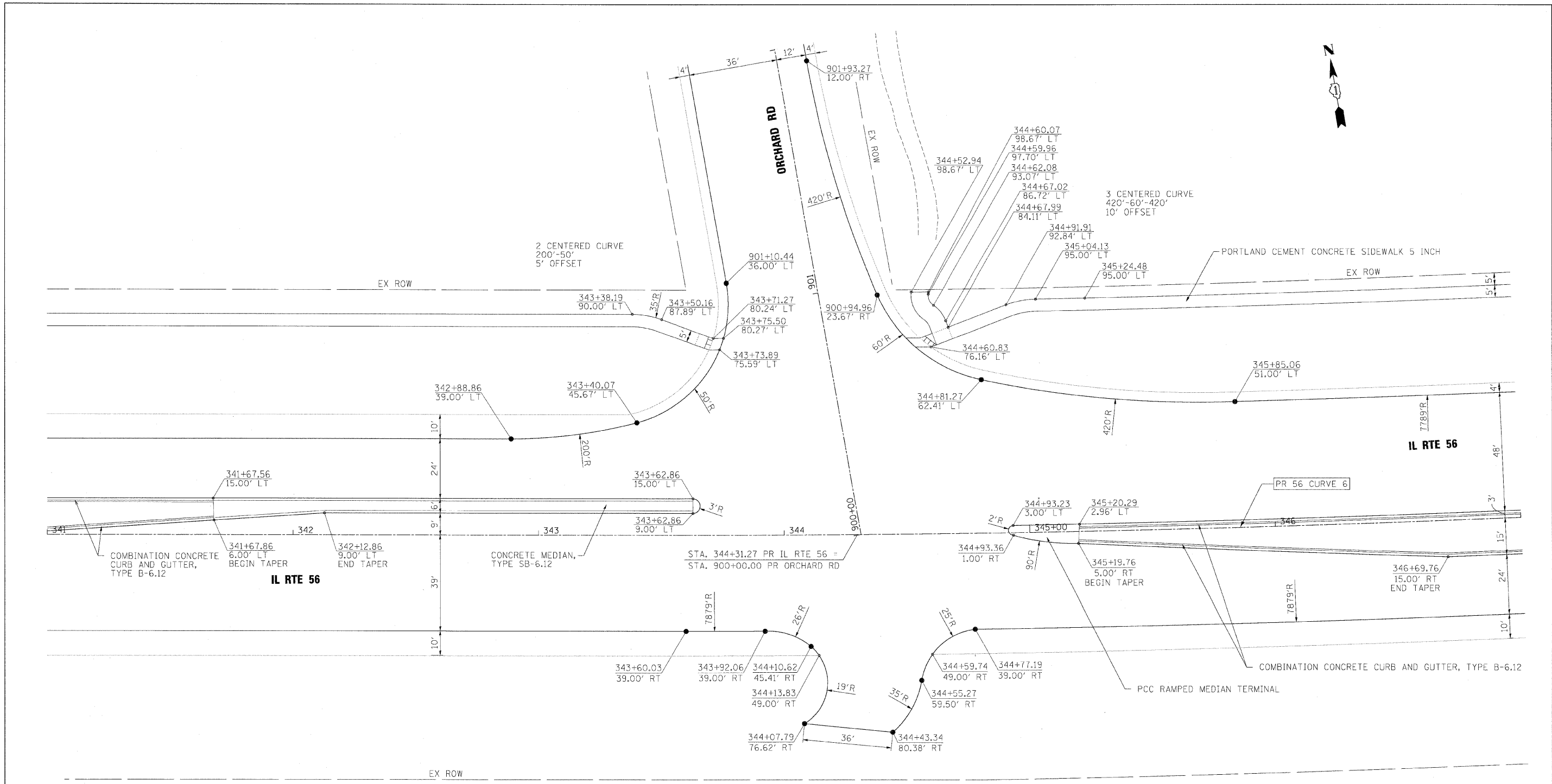
**benesch**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS  
IL RTE 56 /HERRICK RD /WIESBROOK RD**

SCALE: 1"=20'    SHEET NO. 2 OF 10 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	157 & 58WRS-2	DUPAGE	681	297
CONTRACT NO. 62419				
ILLINOIS FED. AID PROJECT				



FILE NAME =	DESIGNED - JMM	REVISED -
...\\nt152419-shs\intersec_0R2.gcom.dgn	DRAWN - TMB	REVISED -
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PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -

**benesch**

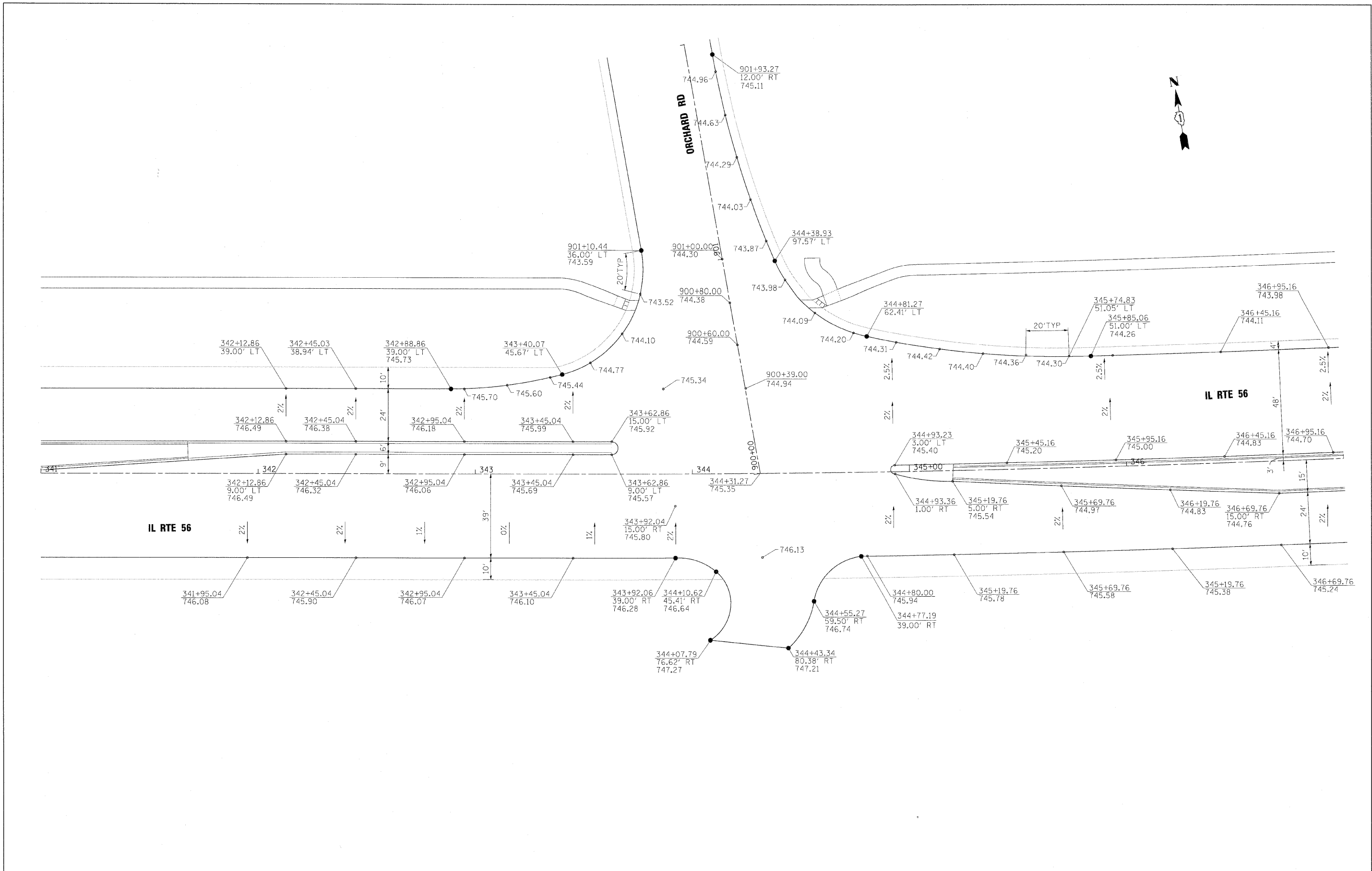
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


**INTERSECTION DETAILS  
IL RTE 56 / ORCHARD RD**

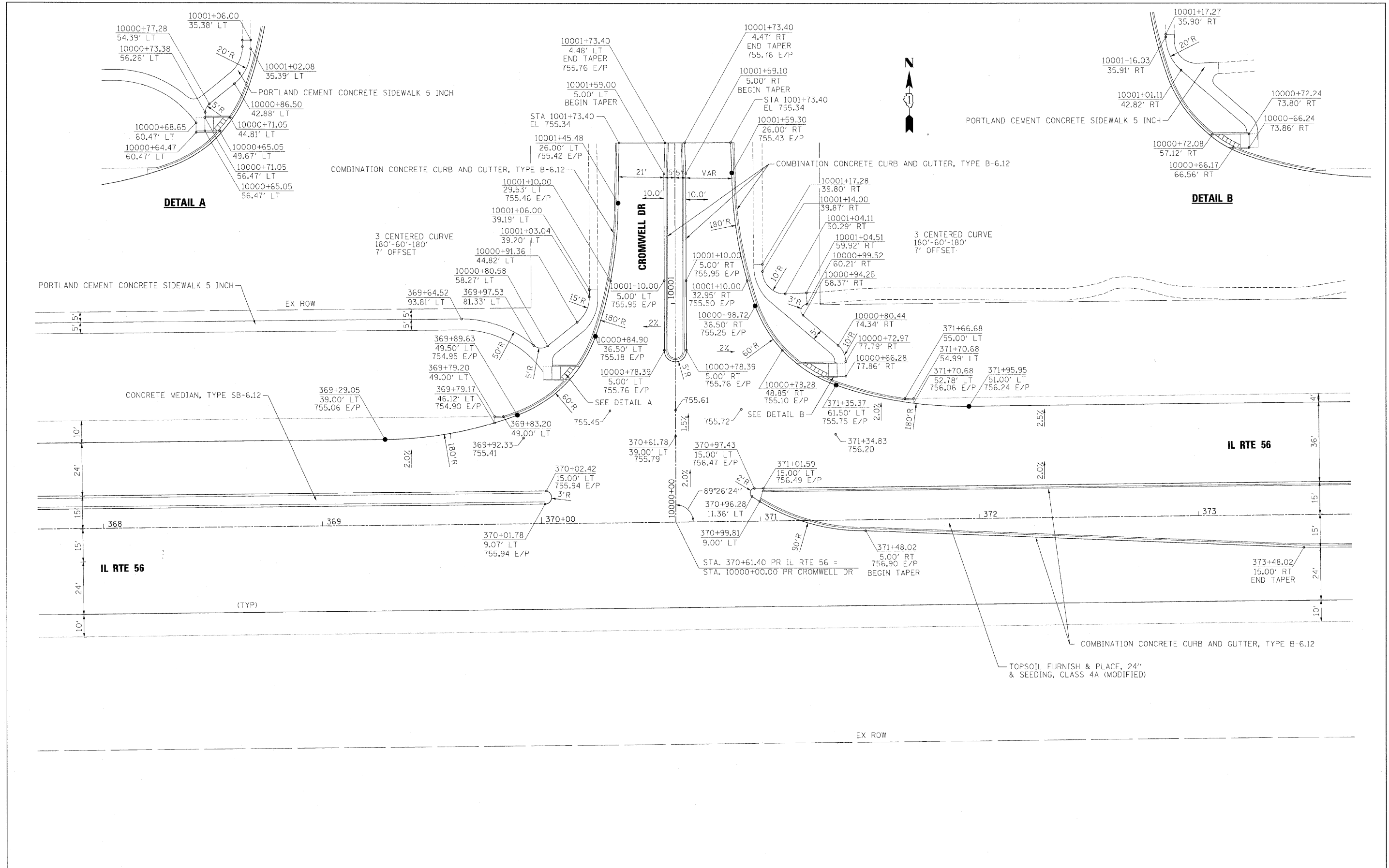
SCALE: 1"=20' SHEET NO. 3 OF 10 SHEETS STA. TO STA.


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
365	(57 & 58)WRS-2	DUPAGE	681	298
CONTRACT NO. 62419				
ILLINOIS FED. AID PROJECT				





FILE NAME =	DESIGNED - JMM	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION DETAILS IL RTE 56 / ORCHARD DR</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \d162419-sh1-intersec_ORC_elev.dgn	DRAWN - TMB	REVISED -			365	(57 & 58)WRS-2	DUPAGE	681	299			
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PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -			SCALE: 1"=20'			SHEET NO. 4 OF 10 SHEETS STA. TO STA.				



FILE NAME =	DESIGNED - JMM	REVISED -	 <b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>INTERSECTION DETAILS</b> <b>IL RTE 56 / CROMWELL DR</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\d162419\shh\intenseco_CRO.dgn	DRAWN - TMB	REVISED -		365	(57 & 58)WRS-2	DUPAGE	681	300		
USER NAME = tolenk	CHECKED - RMT	REVISED -		CONTRACT NO. 62419						
PLOT DATE = 12/7/2010	DATE - 12/6/10	REVISED -		ILLINOIS FED. AID PROJECT						

SCALE: 1"=20' SHEET NO. 5 OF 10 SHEETS STA. TO STA.