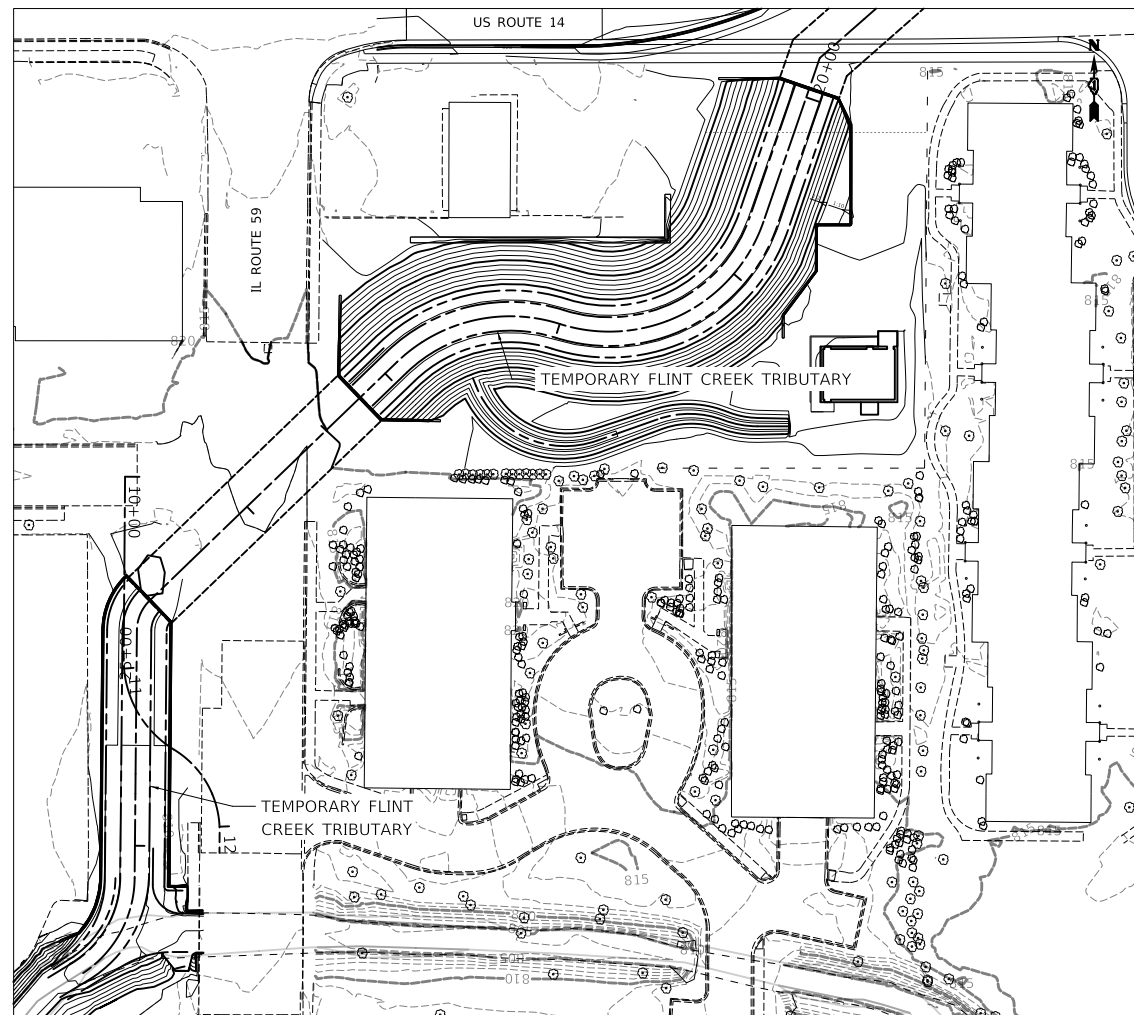


STAGE 1



STAGE 1

STAGE 1

1. EROSION CONTROL:
 - 1.1 INSTALL AND MAINTAIN PERIMETER EROSION BARRIERS;
 - 1.2 INSTALL AND MAINTAIN EROSION PROTECTION;
2. TEMPORARY FLINT CREEK TRIBUTARY ROUTING:
 - 2.1 PRIOR TO COMMENCING STAGE 1, TRIPLE BOX CULVERT UNDER IL ROUTE 59 WILL BE CONSTRUCTED;
 - 2.2 PROPOSED FLINT CREEK TRIBUTARY FROM IL ROUTE 59 TO US ROUTE 14 WILL BE CONSTRUCTED;
 - 2.3 UPON IL ROUTE 59 CULVERT COMPLETION, CONSTRUCT PROPOSED FLINT CREEK TRIBUTARY TO EXISTING FLINT CREEK.
 - 2.4 AFTER US ROUTE 14 CULVERT CONSTRUCTION, INSTALL TEMPORARY SHEETING ON NORTH SIDE OF TEMPORARY FLINT CREEK TRIBUTARY BETWEEN US ROUTE 14 AND ELM ROAD.
 - 2.5 EXCAVATE AND SHAPE TEMPORARY FLINT CREEK TRIBUTARY BETWEEN US ROUTE 14 AND ELM ROAD. INSTALL TEMPORARY CHANNEL BARRIERS AT EXISTING FLINT CREEK TRIBUTARY BETWEEN US ROUTE 14 AND ELM ROAD.
 - 2.5 FLINT CREEK TRIBUTARY FLOWS WILL BE REDIRECTED FROM EXISTING CHANNEL TO TEMPORARY CHANNEL;
3. MAINTAIN FLOWS IN EXISTING FLINT CREEK TRIBUTARY CHANNEL AS SHOWN ON PLANS.
4. CONSTRUCTION:
 - 4.1 EXCAVATE AND SHAPE PROPOSED FLINT CREEK TRIBUTARY CHANNEL FROM EXISTING FLINT CREEK TRIBUTARY TO IL ROUTE 59;
 - 4.2 EXCAVATE AND SHAPE PROPOSED FLINT CREEK CHANNEL BETWEEN EXISTING IL ROUTE 59 AND US ROUTE 14;
 - 4.3 EXCAVATE AND SHAPE TEMPORARY FLINT CREEK TRIBUTARY CHANNEL NORTH OF US ROUTE 14;
 - 4.2 REGRADE TEMPORARY FLINT CREEK TRIBUTARY CHANNEL NORTH OF US ROUTE 14 FOR PROPOSED FLINT CREEK TRIBUTARY CHANNEL;
 - 4.3 INSTALL IN-STREAM STRUCTURES INCLUDING RIFFLES, CROSS VANES, AND STREAMBANK REVETMENTS.
 - 4.4 STABILIZE CONSTRUCTION AREAS WITH TEMPORARY EROSION CONTROL MEASURES.

FLINT CREEK TRIBUTARY CONSTRUCTION SEQUENCING AND EROSION CONTROL PLAN:

1. THE CONSTRUCTION SEQUENCING AND EROSION CONTROL PLAN IS DESIGNED TO:
 - 1.1 DELINEATE LIMITS DURING CONSTRUCTION FOR PURPOSES OF PUBLIC SAFETY, WORKER SAFETY, AND NATURAL RESOURCE PROTECTION, INCLUDING U.S. ARMY CORPS OF ENGINEERS JURISDICTIONAL WETLANDS AND WATERS;
 - 1.2 MINIMIZE SOIL AND SEDIMENT TRANSPORT FROM DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS TO THE EXISTING, TEMPORARY, AND PROPOSED FLINT CREEK TRIBUTARY CHANNEL;
 - 1.3 MAINTAIN FLINT CREEK TRIBUTARY FLOWS DURING CONSTRUCTION; AND
 - 1.4 PROVIDE GUIDANCE TO THE CONTRACTOR REGARDING CONSTRUCTION STAGING.
2. EXISTING US ROUTE 14 SHALL BE RELOCATED ACCORDING TO ROADWAY PLANS AND SHALL BE USED AS CONSTRUCTION ACCESS POINTS DURING FLINT CREEK TRIBUTARY CONSTRUCTION.
3. FLINT CREEK TRIBUTARY CONSTRUCTION SHALL BE COORDINATED WITH US ROUTE 14 ROADWAY, ROADWAY MAINTENANCE OF TRAFFIC, AND UNDERPASS CONSTRUCTION, AS INDICATED ON THE PLANS.
4. FLINT CREEK TRIBUTARY TEMPORARY AND PERMANENT CHANNEL CONSTRUCTION SHALL BE COMPLETED DURING LOW FLOW CONDITIONS IN THE DRIEST PERIOD ANTICIPATED, AND WITHIN 30 DAYS FROM THE START DATE OF THE FLINT CREEK TRIBUTARY RELOCATION.
5. PERIMETER EROSION BARRIER SHALL BE INSTALLED AS DOUBLE ROW, PRIOR TO COMMENCEMENT OF CONSTRUCTION.
6. THE CONSTRUCTION SEQUENCING PLAN FOR THE TEMPORARY AND PERMANENT CHANNEL SHALL ALLOW FOR A MINIMUM OF ONE-HALF CHANNEL CONVEYANCE OF FLINT CREEK TRIBUTARY AT ALL TIMES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STABILIZING THE EXISTING AND NEW CHANNELS AT THE END OF EACH DAY IF ADDITIONAL WORK FOR THAT STAGE IS NEEDED.
8. EXCAVATED SOIL SHALL BE REMOVED AND DISPOSED OF FROM THE SITE AND SHALL NOT BE STOCKPILED IN THE FLOODPLAIN AT ANY TIME.
9. IN-STREAM CONSTRUCTION MUST FOLLOW THE SEVEN STANDARDS OF THE U.S. ARMY CORPS OF ENGINEERS. REQUIREMENTS FOR IN-STREAM CONSTRUCTION ACTIVITIES.
10. THE CONSTRUCTION SEQUENCING AND EROSION CONTROL PLAN MAY BE AMENDED BY THE CONTRACTOR UPON APPROVAL BY THE COUNTY, ENGINEER, U.S. ARMY CORPS OF ENGINEERS, ILLINOIS DEPARTMENT OF NATURAL RESOURCES, AND LAKE COUNTY STORMWATER MANAGEMENT COMMISSION.
11. THIS PROJECT HAS OBTAINED A USACE 404 PERMIT. AS A CONDITION OF THAT PERMIT THE CONTRACTOR IS REQUIRED TO SUBMIT AN IN-STREAM WORK PLAN FOR APPROVAL BY AN ENGINEER AND USACE.

EROSION CONTROL NOTES:

1. ALL IN-STREAM WORK MUST BE COMPLETED IN ACCORDANCE WITH THE U.S. ARMY CORPS OF ENGINEERS, ILLINOIS DEPARTMENT OF NATURAL RESOURCES, LAKE COUNTY STORMWATER MANAGEMENT COMMISSION, AND THE VILLAGE OF BARRINGTON REQUIREMENTS.
2. EROSION CONTROL FOR THE FLINT CREEK TRIBUTARY RELOCATION IS A HIGH MAINTENANCE ITEM. DAILY INSPECTION AND MAINTENANCE SHALL BE PERFORMED TO ENSURE THAT THE TEMPORARY AND PROPOSED CHANNEL, STREAMBED, AND STREAMBANKS ARE MAINTAINED AND NOT DAMAGED. MAINTENANCE SHALL INCLUDE REMOVAL OF ANY TRAPPED SEDIMENT OR DEBRIS FROM THE SITE AS SPECIFIED ON THE PLANS AND TEMPORARY EROSION AND SEDIMENT CONTROL OF THE STANDARD SPECIFICATIONS.
3. EXCAVATION AND STABILIZATION SHALL BE CONTINUOUS. STOP WORK SHALL OCCUR FOR STORM EVENTS WITH PRECIPITATIONS GREATER THAN 0.1 IN./HR.
4. SOIL DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR AND SITE CONDITIONS.
5. WORK AREAS OUTSIDE OF THE TEMPORARY AND PERMANENT CHANNEL MUST BE ISOLATED FROM FLINT TRIBUTARY CREEK FLOWS AT ALL TIMES. NO WORK, GRADING, OR STABILIZATION SHALL OCCUR WHILE CREEK IS FLOWING.
6. EXPOSED SOIL SHALL BE STABILIZED WITH TEMPORARY EROSION CONTROL SEEDING OR PERMANENT SEEDING MIXES. IF CONSTRUCTION OCCURS MID TO LATE SUMMER, TEMPORARY EROSION CONTROL SEEDING, AND TEMPORARY EROSION CONTROL BLANKET SHALL BE USED TO STABILIZE EXPOSED SLOPES. PERIMETER EROSION BARRIER SHALL NOT BE REMOVED UNTIL VEGETATIVE COVERAGE ON SEEDED SLOPES EXCEEDS 95%.
7. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED, OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, AS DIRECTED BY THE ENGINEER.

CONSTRUCTION NOTES:

1. GENERAL SEQUENCING OF FLINT CREEK TRIBUTARY RELOCATION:
 - 1.1 PLACE PRECAST BOX CULVERT AT ELM ROAD. MAINTAIN ORIGINAL FLINT CREEK TRIBUTARY UNTIL TRAFFIC IS SWITCHED TO TEMPORARY US ROUTE 14 DURING STAGE 2 OF SUGGESTED TRAFFIC CONTROL.
 - 1.2 CONSTRUCT TRIPLE BOX CULVERT UNDER IL ROUTE 59 IN STAGES.
 - 1.3 START EXCAVATION BETWEEN IL ROUTE 59 CULVERT AND US ROUTE 14 CULVERT.
 - 1.4 ON COMPLETION OF CULVERT UNDER IL ROUTE 59 EXCAVATE CONNECTION TO EXISTING FLINT CREEK TRIBUTARY.
 - 1.5 CONSTRUCT RETAINING WALLS AND PROPOSED CREEK FROM CULVERT UNDER IL ROUTE 59 TO EXISTING FLINT CREEK TRIBUTARY.
 - 1.6 DURING STAGE 1A OF SUGGESTED TRAFFIC CONTROL WATERMAIN JACKING OPERATIONS UNDER WCL RR AND FLINT CREEK TRIBUTARY. SIMULTANEOUSLY DRAINAGE WILL BE DIVERTED FROM EAST US ROUTE 14 ALONG DRURY LANE UNDER WCL RR OUTLETING INTO EXISTING FLINT CREEK TRIBUTARY SOUTH OF EXISTING US ROUTE 14 ALIGNMENT.
 - 1.7 DURING STAGE 1A CONSTRUCT NORTH HALF OF TRIPLE BOX CULVERT UNDER US ROUTE 14. INSTALL TEMPORARY SHEETING ALONG THE NORTH SIDE OF THE TEMPORARY FLINT CREEK TRIBUTARY.
 - 1.8 EXCAVATE AND SHAPE THE TEMPORARY FLINT CREEK TRIBUTARY THRU STAGES 1A AND 1B. INSTALL TEMPORARY CHANNEL BARRIERS SUCH AS SANDBAGS OR ROCKPILES TO PREVENT FLOW FRONTING THE TEMPORARY FLINT CREEK TRIBUTARY CHANNEL DURING CONSTRUCTION.
 - 1.9 AFTER COMPLETION OF DRAINAGE PIPE JACKING TO PUMP STATION CONSTRUCT THE REMAINDER OF THE TRIPLE BOX CULVERT UNDER US ROUTE 14 IN STAGE 2.
 - 1.10 FLINT CREEK TRIBUTARY WILL BE REDIRECTED FROM EXISTING CHANNEL TO TEMPORARY CHANNEL;
 - 1.11 TEMPORARY US ROUTE 14 WILL BE RELOCATED TO PROPOSED US ROUTE 14. AFTER TEMPORARY US ROUTE 14 IS REMOVED.
 - 1.12 PROPOSED NORTH STREAMBANK OF FLINT CREEK TRIBUTARY BETWEEN ELM ROAD AND NEW US ROUTE 14 CROSSING WILL BE CONSTRUCTED.
 - 1.13 PROPOSED PERMANENT SOUTH STREAMBANK OF FLINT CREEK TRIBUTARY WILL BE CONSTRUCTED.
 - 1.14 DURING STAGE 3 FINAL PLANTINGS WILL BE INSTALLED.

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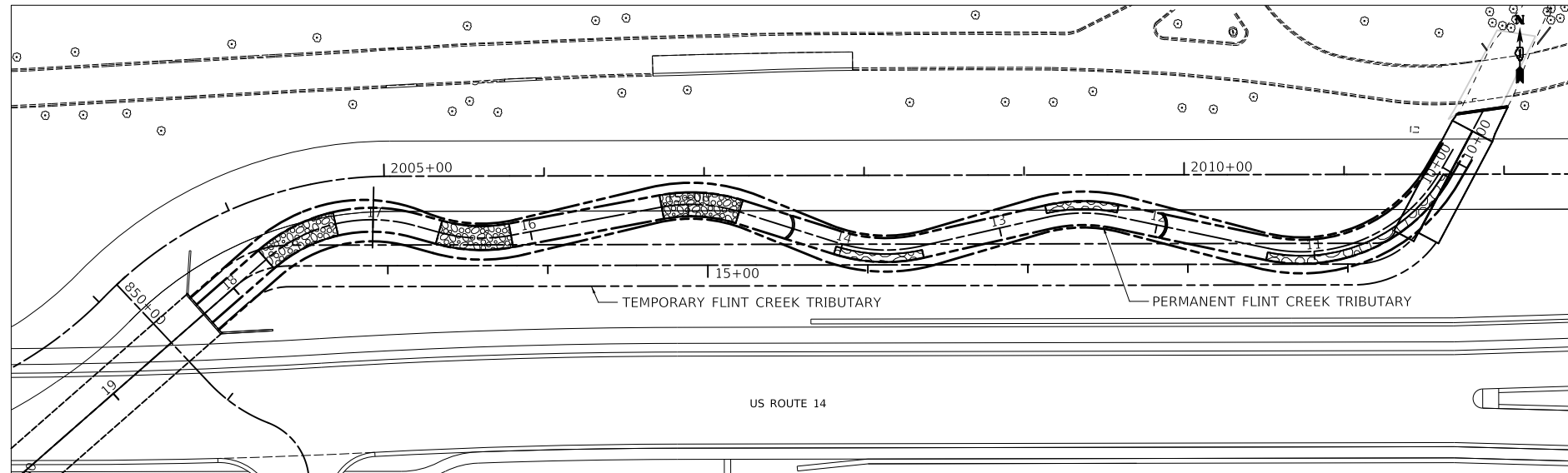
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

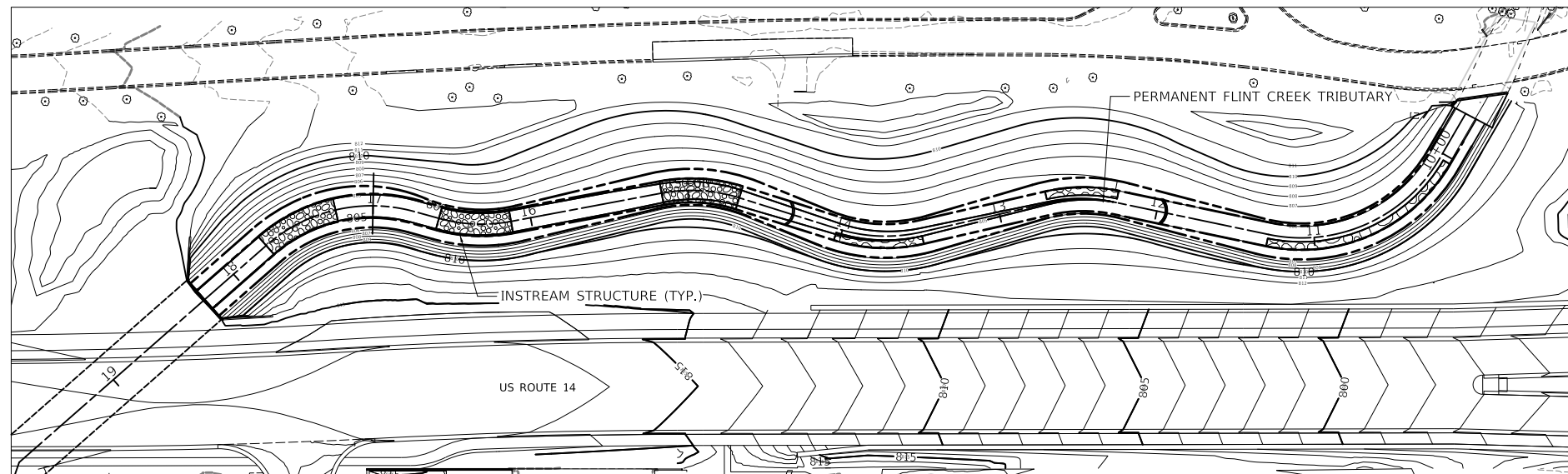
**FLINT CREEK TRIBUTARY
CONSTRUCTION SEQUENCING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	101
CONTRACT NO. 61J87				
		ILLINOIS	FED. AID PROJECT	



STAGE 2



STAGE 3

STAGE 2

1. EROSION CONTROL:
 - 1.1 INSTALL AND MAINTAIN PERIMETER EROSION BARRIERS; AND
 - 1.2 INSTALL AND MAINTAIN EROSION PROTECTION;
2. MAINTAIN FLOWS IN TEMPORARY FLINT CREEK TRIBUTARY CHANNEL AS SHOWN ON PLANS.
3. CONSTRUCT PROPOSED NORTH STREAMBANK OF FLINT CREEK TRIBUTARY:
 - 3.1 EXCAVATE PROPOSED FLINT CREEK TRIBUTARY CHANNEL AND NORTH STREAMBANK NORTH OF US ROUTE 14;
 - 3.2 CONSTRUCT PROPOSED FLINT CREEK TRIBUTARY CHANNEL AND NORTH STREAMBANK NORTH OF US ROUTE 14;
 - 3.3 INSTALL PORTIONS IN-STREAM STRUCTURES INCLUDING RIFFLES, CROSS VANES, AND STREAMBANK REVETMENTS; AND
 - 3.4 STABILIZE CONSTRUCTION AREAS WITH TEMPORARY EROSION CONTROL MEASURES.

STAGE 3

1. EROSION CONTROL:
 - 1.1 INSTALL AND MAINTAIN PERIMETER EROSION BARRIERS; AND
 - 1.2 INSTALL AND MAINTAIN EROSION PROTECTION.
2. MAINTAIN FLOWS IN TEMPORARY FLINT CREEK TRIBUTARY CHANNEL AS SHOWN ON PLANS.
3. CONSTRUCT PROPOSED SOUTH STREAMBANK OF FLINT CREEK TRIBUTARY:
 - 3.1 EXCAVATE PROPOSED FLINT CREEK TRIBUTARY CHANNEL AND SOUTH STREAMBANK NORTH OF US ROUTE 14;
 - 3.2 CONSTRUCT PROPOSED FLINT CREEK TRIBUTARY CHANNEL AND SOUTH STREAMBANK NORTH OF US ROUTE 14;
 - 3.3 INSTALL REMAINING PORTIONS IN-STREAM STRUCTURES; AND
 - 3.4 STABILIZE CONSTRUCTION AREAS WITH TEMPORARY EROSION CONTROL MEASURES.
4. ESTABLISH AND MAINTAIN FLOWS IN PROPOSED FLINT CREEK TRIBUTARY CHANNEL.

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PLOT DATE = 10/1/2024		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FLINT CREEK TRIBUTARY
CONSTRUCTION SEQUENCING

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	102
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

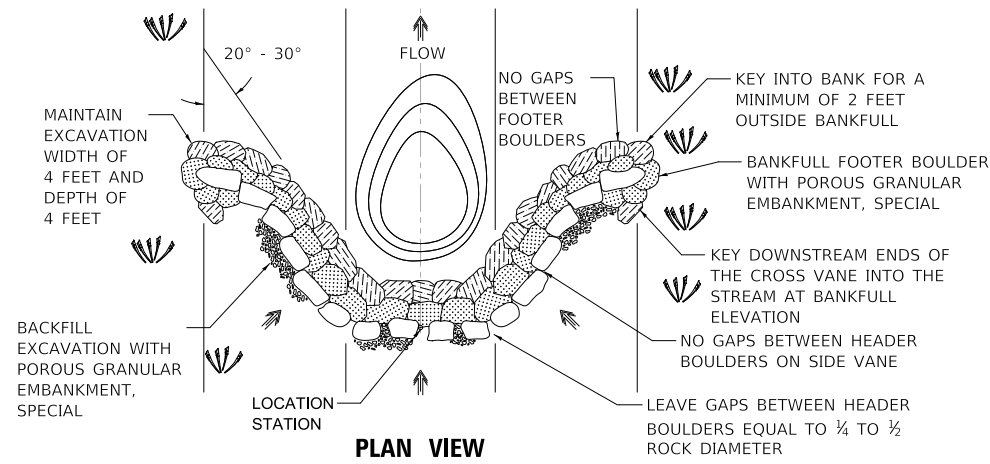
CROSS VANE QUANTITIES				
	PAY ITEM	UNIT	CROSS VANE 1	CROSS VANE 2
EARTH EXCAVATION		CU YD	35	35
FILTER FABRIC		SQ YD	26	26
STONE RIPRAP, CLASS A2		TON	20	20
STONE RIPRAP, CLASS A6, SPECIAL		TON	20	20
STONE RIPRAP, CLASS A7, SPECIAL		TON	39	39
POROUS GRANULAR EMBANKMENT, SPECIAL		TON	6	6

CROSS VANE NOTES:

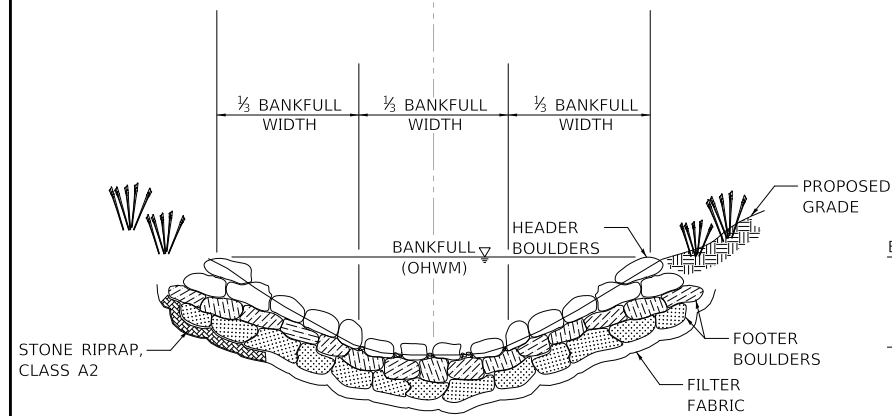
- CROSS VANE SHALL BE POSITIONED AT LOCATION STATION INDICATED ON THE PLAN SHEET AND IN THE DETAIL.
- A FOOTER TRENCH SHALL BE EXCAVATED WITHIN THE PROPOSED STREAMBED TO A DEPTH OF 4 FEET BELOW PROPOSED GRADE. EXCAVATION DEPTH ACCOUNTS FOR STONE RIPRAP CLASS A2, FOOTER BOULDERS, AND HEADER BOULDERS.
- BEDDING SHALL CONSIST OF 12 INCHES OF STONE RIPRAP, CLASS A2 PLACED OVER FILTER FABRIC.
- GAPS BETWEEN FOOTER BOULDERS SHALL BE MINIMIZED BY FITTING BOULDERS TIGHTLY TOGETHER AND PLUGGING WITH POROUS GRANULAR EMBANKMENT, SPECIAL.
- BACKFILL FOOTER BOULDERS WITH POROUS GRANULAR EMBANKMENT, SPECIAL PRIOR TO HEADER FOOTER PLACEMENT. HEADER FOOTERS SHALL BE A MINIMUM OF 2/3 BURIED.
- THE CREST OF THE CROSS VANE SHALL BE ON THE ENDS OF THE SIDE VANES. SIDE VANES SHALL PROTRUDE DOWNSTREAM INTO THE CHANNEL AND BANKS AT AN ANGLE BETWEEN 20° TO 30° FROM THE BANK TANGENT POINT AT THE LOCATION STATION. COMPLETED CROSS VANES SHALL MAINTAIN A "U" SHAPE WITH SIDE VANES DIRECTED DOWNSTREAM.
- THE DETAIL INDICATES TWO ROWS OF FOOTER BOULDERS TO ACHIEVE REQUIRED DEPTH. HOWEVER, THE USE OF LARGE MATERIAL MAY REQUIRE ONLY ONE ROW OF FOOTER BOULDER TO ACHIEVE REQUIRED DEPTH AND ELEVATION, AS APPROVED BY THE ENGINEER.
- HEADER BOULDERS SHALL CONSIST OF STONE RIPRAP, CLASS A6 (SPECIAL) AND POROUS GRANULAR EMBANKMENT, SPECIAL.
- FOOTER BOULDERS SHALL CONSIST OF STONE RIPRAP, CLASS A7 (SPECIAL) AND POROUS GRANULAR EMBANKMENT, SPECIAL.
- AFTER CROSS VANE INSTALLATION, BACKFILL PROPOSED GRADE WITH CHANNEL BED AGGREGATE.
- STRUCTURES WILL BE INSTALLED UNDER SUPERVISION OF ENGINEER.
- ANY MODIFICATIONS OR AMENDMENTS TO CONSTRUCTION PLANS SHALL BE APPROVED BY THE ENGINEER PRIOR TO THEIR CONSTRUCTION.

STREAMBANK REVETMENT NOTES:

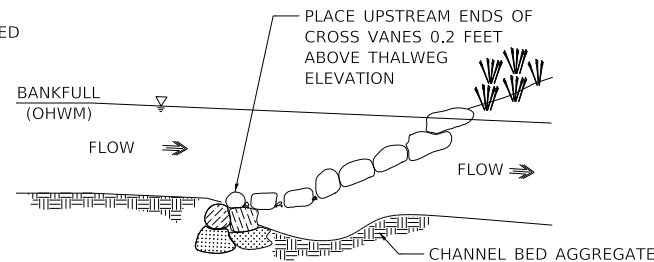
- THE STREAMBANK REVETMENT SHALL BE POSITIONED ACCORDING TO THE BEGINNING AND ENDING STATIONS INDICATED ON THE PLAN SHEET AND IN THE DETAIL.
- A FOOTER TRENCH FOR THE SIDE VANE SHALL BE EXCAVATED WITHIN THE PROPOSED STREAMBED TO A DEPTH OF 3.8 FEET BELOW GRADE. EXCAVATION DEPTH ACCOUNTS FOR STONE RIPRAP CLASS A2, FOOTER BOULDERS, AND HEADER BOULDERS.
- SIDE VANE BEDDING SHALL CONSIST OF 10 INCHES OF STONE RIPRAP, CLASS A2 PLACED OVER FILTER FABRIC.
- EXCAVATION FOR STREAMBANK REVETMENT AREAS, NOT INCLUDED WITH SIDE VANES, SHALL PROVIDE FOR STONE RIPRAP, CLASS A4, SPECIAL AND STONE RIPRAP, CLASS A2, AND SHALL BE A MINIMUM OF 2.0 FEET BELOW GRADE.
- STREAMBANK REVETMENT AREA BEDDING, NOT INCLUDED WITH SIDE VANES, SHALL HAVE 6 INCHES OF STONE RIPRAP, CLASS A2 PLACED OVER FILTER FABRIC.
- GAPS BETWEEN FOOTER BOULDERS SHALL BE MINIMIZED BY FITTING BOULDERS TIGHTLY TOGETHER AND PLUGGING WITH POROUS GRANULAR EMBANKMENT, SPECIAL.
- BACKFILL FOOTER BOULDERS WITH POROUS GRANULAR EMBANKMENT, SPECIAL PRIOR TO HEADER FOOTER PLACEMENT.
- HEADER FOOTERS SHALL BE A MINIMUM OF 2/3 BURIED.
- THE DETAIL INDICATES TWO ROWS OF FOOTER BOULDERS TO ACHIEVE REQUIRED DEPTH. HOWEVER, THE USE OF LARGE MATERIAL MAY REQUIRE ONLY ONE ROW OF FOOTER BOULDER TO ACHIEVE REQUIRED DEPTH AND ELEVATION, AS APPROVED BY THE ENGINEER.
- HEADER BOULDERS SHALL CONSIST OF STONE RIPRAP, CLASS A5, SPECIAL AND POROUS GRANULAR EMBANKMENT, SPECIAL.
- FOOTER BOULDERS SHALL CONSIST OF STONE RIPRAP, CLASS A6, SPECIAL AND POROUS GRANULAR EMBANKMENT, SPECIAL.
- AFTER SIDE VANE INSTALLATION, INSTALL STONE RIPRAP, CLASS A4, SPECIAL.
- STRUCTURES WILL BE INSTALLED UNDER SUPERVISION OF ENGINEER.
- ANY MODIFICATIONS OR AMENDMENT TO CONSTRUCTION PLANS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.



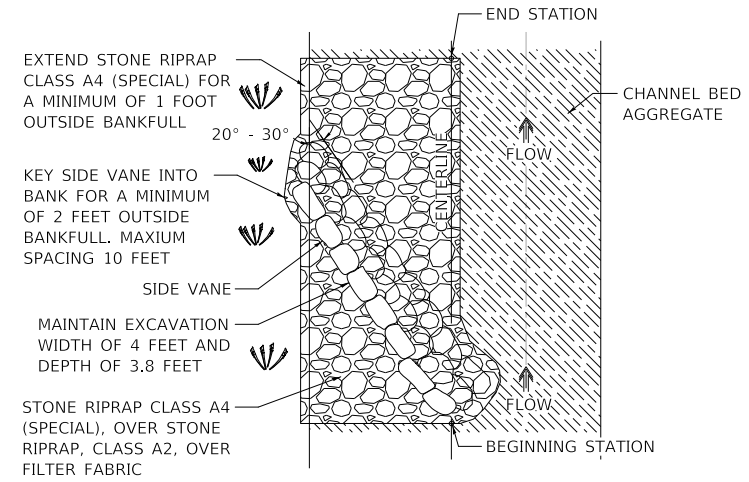
PLAN VIEW



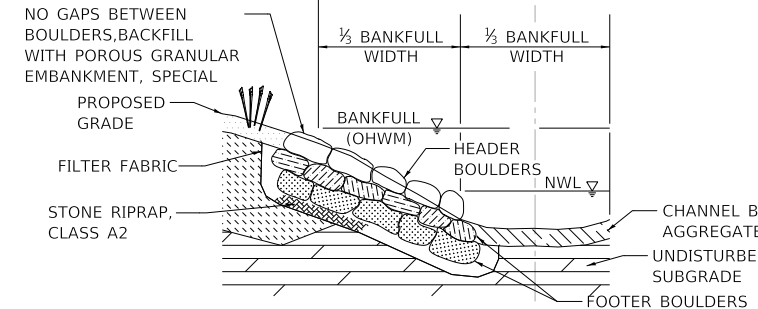
CROSS SECTION VIEW



PROFILE VIEW



PLAN VIEW



CROSS SECTION VIEW

STREAMBANK REVETMENT QUANTITIES							
	PAY ITEM	UNIT	STREAMBANK REVETMENT 1	STREAMBANK REVETMENT 2	STREAMBANK REVETMENT 3	STREAMBANK REVETMENT 4	STREAMBANK REVETMENT 5
EARTH EXCAVATION		CU YD	46	37	112	63	9
FILTER FABRIC		SQ YD	48	38	119	66	10
STONE RIPRAP, CLASS A2		TON	17	14	40	23	5
STONE RIPRAP, CLASS A4, SPECIAL		TON	9	8	19	9	6
STONE RIPRAP, CLASS A5, SPECIAL		TON	17	14	41	24	4
STONE RIPRAP, CLASS A6, SPECIAL		TON	34	27	81	48	7
POROUS GRANULAR EMBANKMENT, SPECIAL		TON	10	9	24	14	3

CROSS VANE

STREAMBANK REVETMENT

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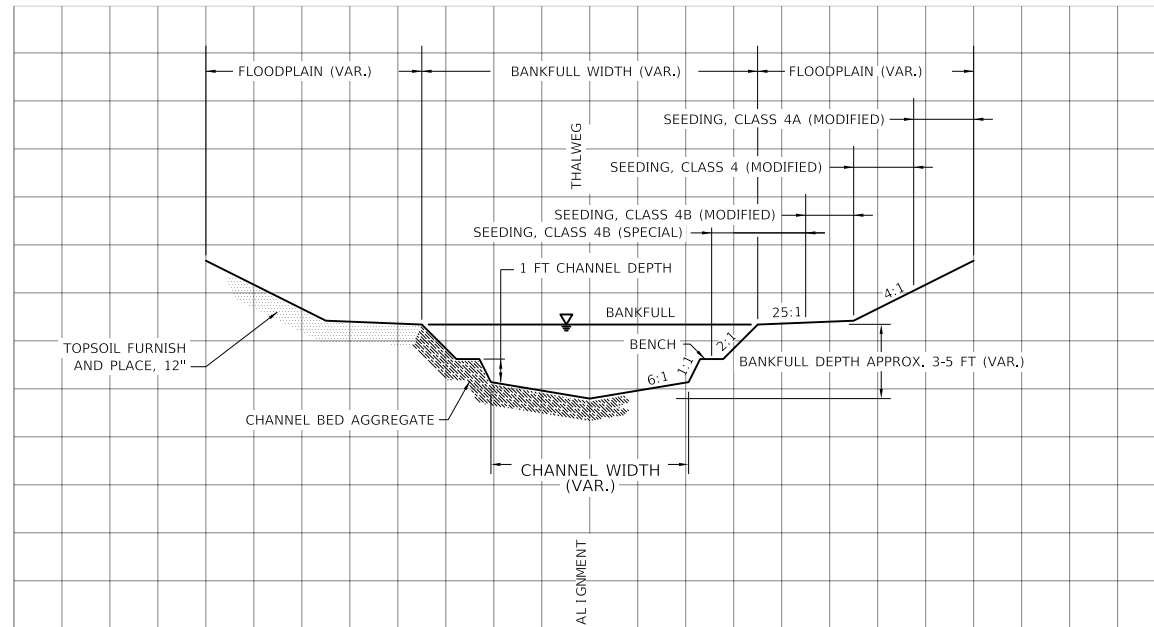
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PLOT DATE = 10/1/2024	DATE - 10/01/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FLINT CREEK TRIBUTARY
PROPOSED STREAM CONDITIONS**

SCALE: 1" = 10' SHEET OF SHEETS STA. TO STA.

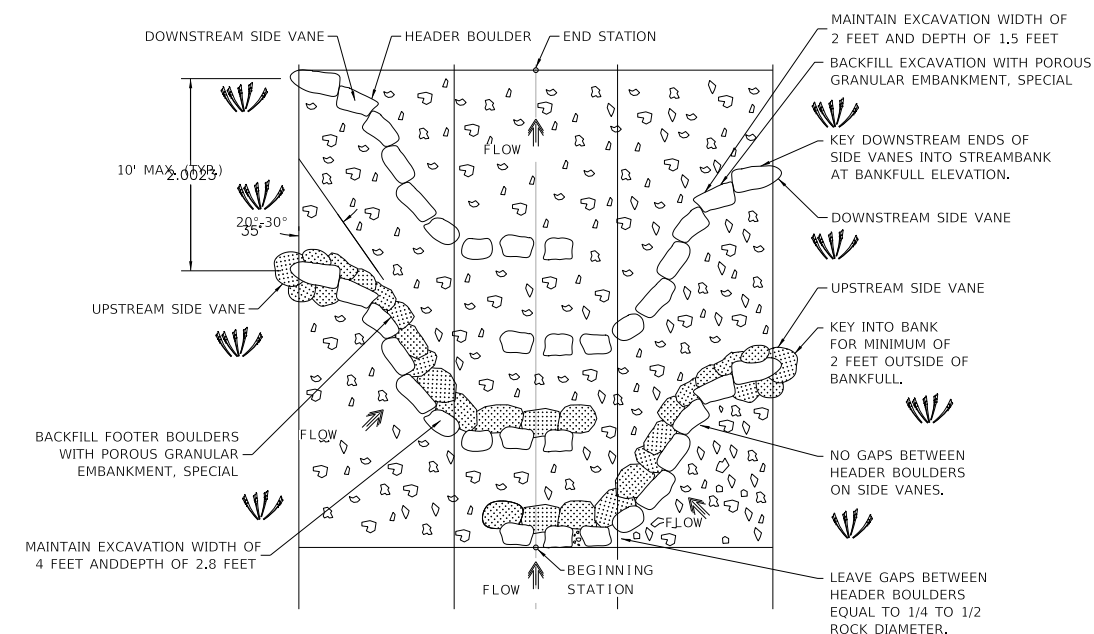
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	103
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



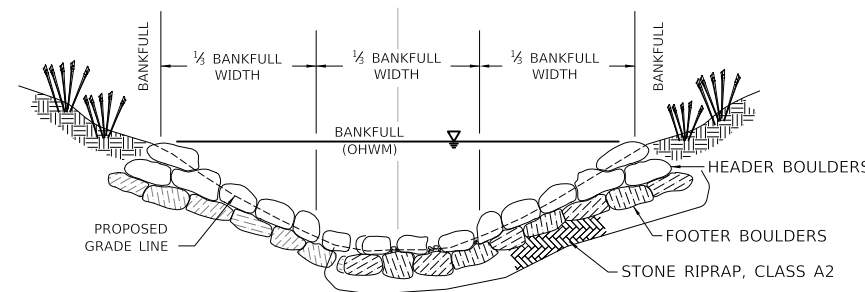
TYPICAL CHANNEL SECTION NOTES:

- CROSS SECTIONS ARE SHOWN LOOKING IN THE DOWNSTREAM DIRECTION.
- SIDE SLOPES MAY VARY. SEE CONTOURS ON PLAN AND PROFILE SHEETS.
- THALWEG IS LOCATED IN THE CENTER OF THE CHANNEL UNLESS OTHERWISE INDICATED ON THE PLAN AND PROFILE SHEETS. AS SHOWN, THE THALWEG MAY EXTEND UP TO 10 FEET TOWARD THE OUTER CURVATURE.
- BANKFULL WIDTH AND DEPTH ARE LOCATED ON THE CROSS SECTION SHEETS.
- CHANNEL DEPTH IS ESTIMATED TO BE 1 FT. BENCH WIDTH IS A MINIMUM OF 1 FEET.
- VEGETATIVE COMMUNITY DIMENSIONS AND LIMITS ARE VARIABLE. FOR SEEDING AND PLUG LIMITS, SEE PLANTING PLAN SHEETS.

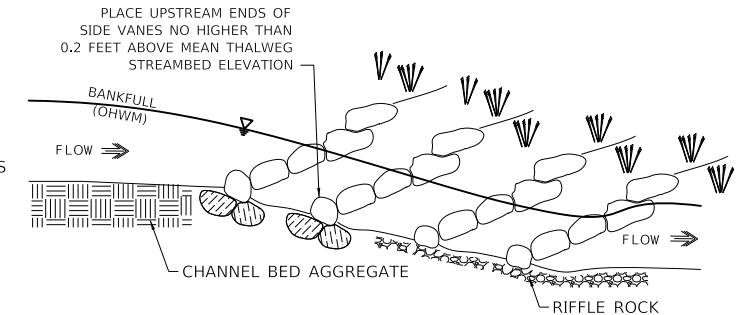
TYPICAL CHANNEL SECTION



PLAN VIEW



CROSS SECTION VIEW



PROFILE VIEW

RIFFLE NOTES:

- THE RIFFLE SHALL BE POSITIONED ACCORDING TO THE BEGINNING AND ENDING STATIONS INDICATED ON THE PLAN SHEET AND IN THE DETAIL.
- A FOOTER TRENCH FOR UPSTREAM SIDE VANES SHALL BE EXCAVATED WITHIN THE PROPOSED STREAMBED TO A DEPTH OF 2.8 FEET BELOW GRADE. EXCAVATION DEPTH ACCOUNTS FOR STONE RIPRAP CLASS A2, FOOTER BOULDERS, AND HEADER BOULDERS.
- DOWNSTREAM SIDE VANE EXCAVATION FOR HEADER FOOTERS SHALL BE AT A MINIMUM DEPTH REQUIRED TO ACHIEVE 2/3 BURIED.
- BEDDING FOR UPSTREAM SIDE VANES SHALL CONSIST OF 10 INCHES OF STONE RIPRAP, CLASS A2 PLACED OVER FILTER FABRIC.
- BEDDING FOR DOWNSTREAM SIDE VANES SHALL CONSIST OF 6 INCHES OF STONE RIPRAP, CLASS A2 PLACED OVER FILTER FABRIC.
- UPSTREAM SIDE VANE HEADER FOOTERS SHALL BE A MINIMUM OF 2/3 BURIED.
- UPSTREAM SIDE VANES OF RIFFLE 1 AND RIFFLE 3 SHALL BEGIN WITH RIGHT. DOWNSTREAM SIDE VANES OF RIFFLE 1 SHALL THEN ALTERNATE LEFT AND RIGHT.
- UPSTREAM SIDE VANES OF RIFFLE 2 SHALL BEGIN WITH LEFT. DOWNSTREAM SIDE VANES OF RIFFLE 2 AND RIFFLE 3 SHALL THEN ALTERNATE LEFT AND RIGHT.
- RIFFLE ROCK SHALL BE A MINIMUM OF 2/3 BURIED.
- GAPS BETWEEN FOOTER BOULDERS SHALL BE MINIMIZED BY FITTING BOULDERS TIGHTLY TOGETHER AND PLUGGING WITH POROUS GRANULAR EMBANKMENT, SPECIAL.
- BACKFILL FOOTER BOULDERS WITH POROUS GRANULAR EMBANKMENT, SPECIAL PRIOR TO HEADER FOOTER PLACEMENT.
- HEADER BOULDERS SHALL CONSIST OF STONE RIPRAP, CLASS A4 (SPECIAL) AND POROUS GRANULAR EMBANKMENT, SPECIAL.
- FOOTER BOULDERS SHALL CONSIST OF STONE RIPRAP, CLASS A5 (SPECIAL) AND POROUS GRANULAR EMBANKMENT, SPECIAL.
- AFTER SIDE VANE INSTALLATION, INSTALL RIFFLE ROCK.
- RIFFLE ROCK SHALL CONSIST OF STONE RIPRAP, CLASS A3 (SPECIAL) AND POROUS GRANULAR EMBANKMENT, SPECIAL.
- STRUCTURES WILL BE INSTALLED UNDER SUPERVISION OF ENGINEER.
- ANY MODIFICATIONS OR AMENDMENTS TO CONSTRUCTION PLANS WILL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

RIFFLE

NOT TO SCALE

RIFFLE QUANTITIES						
PAY ITEM	UNIT	RIFFLE 1	RIFFLE 2	RIFFLE 3	RIFFLE 4	RIFFLE 5
EARTH EXCAVATION	CU YD	93	106	40	37	39
FILTER FABRIC	SQ YD	87	100	34	34	34
STONE RIPRAP, CLASS A2	TON	36	41	16	16	16
STONE RIPRAP, CLASS A3, SPECIAL	TON	99	114	39	33	37
STONE RIPRAP, CLASS A4, SPECIAL	TON	66	76	26	26	26
STONE RIPRAP, CLASS A5, SPECIAL	TON	11	11	11	11	11
POROUS GRANULAR EMBANKMENT, SPECIAL	TON	7	8	4	4	4

CHANNEL BED AGGREGATE:

- STONE SHALL BE NATURALLY ROUNDED IN SHAPE AND HAVE A NATURALLY SMOOTH SURFACE SUCH AS STREAM OR RIVER STONE.
- CHANNEL STONE SHALL BE HARD AND DURABLE STONE.
- STONE SHOWN ON CHANNEL BED AGGREGATE GRADATION TABLE HAVE BEEN SIZED AS HAVING A UNIT WEIGHT OF 165 PCF. NO STONE SHALL BE LESS THAN 150 PCF AND SIZING SHALL BE INCREASED RELATIVE TO ITS UNIT WEIGHT.
- THE LEAST DIMENSION SHALL NOT BE LESS THAN 1/2 THE GREATEST DIMENSION.
- CHANNEL BED AGGREGATE THICKNESS SHALL BE 8 INCHES, WHICH IS THE LARGEST ROCK SIZE ALLOWABLE FOR CHANNEL BED AGGREGATE.
- EARTH EXCAVATION SHALL BE 8 INCHES.
- CHANNEL BED AGGREGATE SHALL BE PLACED AT LOCATIONS WITHIN BANKFULL AND CHANNEL GRADING LIMITS, EXCLUDING IN-STREAM STRUCTURE AREAS.
- SHOT QUARRY STONE, CRUSHED ROCK, BROKEN CONCRETE, OR RECYCLED CONSTRUCTION PRODUCTS WILL NOT BE ALLOWED.

CHANNEL BED AGGREGATE GRADATION TABLE	
SIZE	SMALLER BY WEIGHT
8 IN	100%
4 IN	80%
3 IN	60%
2 IN	40%
1 IN	20%

CHANNEL BED AGGREGATE		
PAY ITEM	UNIT	CHANNEL
EARTH EXCAVATION	CU YD	334
CHANNEL BED AGGREGATE	SQ YD	1,500

MODEL: 41002ELNAMES
FILE: 41002ELNAMES_202410131037-41002streamdetail02.dgn



USER NAME = mc	DESIGNED - BHS	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - LDG	REVISED -
PLOT DATE = 10/1/2024	CHECKED - BHS	REVISED -
	DATE - 10/01/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FLINT CREEK TRIBUTARY
PROPOSED STREAM CONDITIONS**

SCALE: 1" = 10' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	104
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

SEEDING, CLASS 4B (SPECIAL)

ZONE 1: WETLAND EMERGENT AND WET PRAIRIE SEED MIXES:

WETLAND EMERGENT SEED MIX

SCIENTIFIC NAME	COMMON NAME	OZ./ACRE
GRASSES:		
CALAMAGROSTIS CANADENSIS	BLUE JOINT GRASS	1.25
CAREX COMOSA	BRISTLY SEDGE	5.00
CAREX CRINITA	FRINGED SEDGE	2.00
CAREX HYSTERICINA	PORCUPINE SEDGE	5.00
GLYCERIA GRANDIS	RED MANNA GRASS	3.00
GLYCERIA STRIATA	FOUL MANNA GRASS	2.00
JUNCUS EFFUSUS	COMMON RUSH	0.30
LEERSIA ORYZOIDES	RICE CUT GRASS	4.00
SCIRPUS ACUTUS	HARD-STEMMED BULRUSH	1.00
SCIRPUS ATROVIRENS	DARK GREEN RUSH	2.00
SCIRPUS CYPERINUS	WOOL GRASS	0.75
SCIRPUS FLUVIATILIS	RIVER BULRUSH	2.50
SCIRPUS PENDULUS	RED BULRUSH	1.00
SCIRPUS VALIDUS CREBER	GREAT BULRUSH	2.50
SPARTINA PECTINATA	PRAIRIE CORDGRASS	13.00
		TOTAL: 45.30
		2.83 LBS/ACRE
FORBES:		
ACORUS CALAMUS	SWEET FLAG	5.00
ALISMA SUBCORDATUM	MUD PLANTAIN	2.00
IRIS VIRGINICA SHREVEI	SOUTHERN BLUE FLAG IRIS	3.50
MIMULUS RINGENS	MONKEY FLOWER	0.20
SAGITTARIA LATIFOLIA	COMMON ARROWHEAD	2.00
SPARGANIUM EURYCARPUM	GREAT BUR REED	6.00
		TOTAL: 18.70
		1.27 LBS/ACRE
COVER:		
LOLIUM MULTIFLORUM	ITALIAN RYE GRASS (SPRING)	160.00
SECALE CEREALE	RYE (FALL)	160.00
		TOTAL: 320.00
		20.00 LBS/ACRE

SEEDING, CLASS 4 (MODIFIED)

ZONE 2: TALLGRASS PRAIRIE FOR WET-MESIC SOILS AND SHORTGRASS PRAIRIE FOR MEDIUM SOILS SEED MIXES.

TALLGRASS PRAIRIE FOR WET-MESIC SOILS SEED MIX

SCIENTIFIC NAME	COMMON NAME	OZ./ACRE
GRASSES:		
ANDROPOGON GERARDII	BIG BLUESTEM	16.00
BROMUS CILIATUS	FRINGE BROME	20.00
CALAMAGROSTIS CANADENSIS	BLUE JOINT GRASS	0.75
CAREX BEBBII	BEBB'S OVAL SEDGE	0.50
CAREX CRAWFORDII	CRAWFORD'S SEDGE	0.20
CAREX CRINITA	FRINGE SEDGE	1.00
CAREX SCOPARIA	LANCE-FRUITED OVAL SEDGE	1.00
CAREX VULPINOIDEA	BROWN FOX SEDGE	1.00
ELYMUS CANADENSIS	CANADA WILD RYE	32.00
ELYMUS VIRGINICUS	VIRGINIA WILD RYE	32.00
PANICUM VIRGATUM	SWITCHGRASS	2.00
SCIRPUS ATROVIRENS	DARK-GREEN BULRUSH	0.50
SCIRPUS CYPERINUS	WOOL GRASS	0.30
SCIRPUS PENDULUS	RED BULRUSH	0.50
SORGHASTRUM NUTANS	INDIAN GRASS	10.00
SPARTINA PECTINATA	PRAIRIE CORDGRASS	4.00
		TOTAL: 121.75
		7.61 LBS/ACRE
FORBES:		
ASCLEPIAS INCARNATA	MARSH (RED) MILKWEED	3.00
ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	2.00
ASTER PUNICEUS	SWAMP ASTER	1.00
BAPTISIA LEUCANTHA (ALBA)	WHITE WILD INDIGO	4.00
CASSIA HEBECARPA	WILD SENNA	4.00
DESMODIUM CANADENSE	CANADA TICK TREFOIL	1.00
ECHINACEA PALLIDA	PURPLE CONEFLOWER	4.00
EUPATORIUM MACULATUM	SPOTTED JOE PYE WEED	0.50
EUPATORIUM PERFOLIATUM	BONSET	0.20
HELENIUM AUTUMNALE	SNEEZEWEED	0.25
HELIANTHUS GROSSESERRATUS	SAWTOOTH SUNFLOWER	0.25
HYPERICUM PYRAMIDATUM	GREAT ST. JOHN'S WORT	0.10
LIATRIS SPICATA	MARSH BLAZING STAR	0.75
MIMULUS RINGENS	MONKEY FLOWER	0.20
MONARDA FISTULOSA	WILD BERGAMOT	1.00
PARTHENIUM INTEGRIFOLIUM	WILD QUININE	1.50
PYCNANTHEMUM VIRGINIANUM	MOUNTAIN MINT	0.25
RATIBIDA PINNATA	YELLOW CONEFLOWER	3.00
RUDBECKIA HIRTA	BLACK-EYED SUSAN	4.00
RUDBECKIA SUBTOMENTOSA	SWEET BLACK-EYED SUSAN	2.00
SILPHIUM INTEGRIFOLIUM	ROSN WEEED	1.00
SILPHIUM PERFOLIATUM	CUP PLANT	3.00
SILPHIUM TEREBINTHINACEUM	PRAIRIE DOCK	1.50
SOLIDAGO OHIOENSIS	OHIO GOLDENROD	1.00
SOLIDAGO RIDDELLII	RIDDELL'S GOLDENROD	2.00
SOLIDAGO RIGIDA	STIFF GOLDENROD	0.75
TRADESCANTIA OHIENSIS	OHIO SPIDERWORT	0.75
VERBENA HASTATA	BLUE VERVAIN	0.75
VERNONIA FASCICULATA	IRONWEEED	2.50
VERONICASTRUM VIRGINICUM	CULVER'S ROOT	0.50
ZIZIA AUREA	GOLDEN ALEXANDERS	3.50
		TOTAL: 50.25
		3.14 LBS/ACRE
COVER:		
AVENA SATIVA	OATS (SPRING)	160.00
SECALE CEREALE	RYE (FALL)	160.00
		TOTAL: 320.00
		20.00 LBS/ACRE

WET PRAIRIE SEED MIX

SCIENTIFIC NAME	COMMON NAME	OZ./ACRE
GRASSES:		
BROMUS CILIATUS	FRINGED BROME	32.00
CAREX BEBBII	BEBB'S OVAL SEDGE	1.00
CAREX CRAWFORDII	CRAWFORD'S SEDGE	0.40
CAREX CRINITA	FRINGED SEDGE	1.00
CAREX SCOPARIA	LANCE-FRUITED SEDGE	0.50
CAREX STIPATA	COMMON FOX SEDGE	3.00
CAREX VULPINOIDEA	BROWN FOX SEDGE	1.50
ELYMUS VIRGINICUS	VIRGINIA WILD RYE	48.00
GLYCERIA CANADENSIS	RATTLESNAKE GRASS	3.00
GLYCERIA GRANDIS	REED MANNA GRASS	2.50
SCIRPUS PENDULUS	RED BULRUSH	0.50
		TOTAL: 93.40
		5.84 LBS/ACRE
FORBES:		
ANEMONE CANADENSIS	MEADOW ANEMONE	0.50
ASCLEPIAS INCARNATA	MARSH (RED) MILKWEED	4.00
ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	1.00
ASTER PUNICEUS	SWAMP ASTER	1.00
BAPTISIA LEUCANTHA (ALBA)	WHITE WILD INDIGO	2.00
CASSIA HEBECARPA	WILD SENNA	6.00
EUPATORIUM MACULATUM	SPOTTED JOE PYE WEED	0.40
EUPATORIUM PERFOLIATUM	BONSET	0.50
GENTIANA ANDREWSII	BOTTLE GENTIAN	0.10
HELENIUM AUTUMNALE	SNEEZEWEED	0.25
HELIOPSIS HELIANTHOIDES	EARLY SUNFLOWER	1.50
LIATRIS SPICATA	MARSH BLAZING STAR	1.00
LOBELIA SIPHILITICA	GREAT BLUE LOBELIA	0.50
MIMULUS RINGENS	MONKEY FLOWER	0.25
MONARDA FISTULOSA	WILD BERGAMOT	2.00
PARTHENIUM INTEGRIFOLIUM	WILD QUININE	1.00
PYCNANTHEMUM VIRGINIANUM	MOUNTAIN MINT	0.25
RATIBIDA PINNATA	YELLOW CONEFLOWER	3.00
SILPHIUM TEREBINTHINACEUM	PRAIRIE DOCK	1.00
SOLIDAGO GRAMINIFOLIA	GRASS-LEAVED GOLDENROD	0.10
SOLIDAGO OHIOENSIS	OHIO GOLDENROD	1.00
SOLIDAGO RIDDELLII	RIDDELL'S GOLDENROD	1.50
VERBENA HASTATA	BLUE VERVAIN	1.50
VERONICASTRUM VIRGINICUM	CULVER'S ROOT	0.25
ZIZIA AUREA	GOLDEN ALEXANDERS	4.00
		TOTAL: 34.6
		2.16 LBS/ACRE
COVER:		
LOLIUM MULTIFLORUM	ITALIAN RYE GRASS (SPRING)	160.00
SECALE CEREALE	RYE (FALL)	160.00
		TOTAL: 320.00
		20.00 LBS/ACRE

SHORTGRASS PRAIRIE FOR MEDIUM SOILS SEED MIX

SCIENTIFIC NAME	COMMON NAME	OZ./ACRE
GRASSES (6 LBS/ACRE):		
BOUTELOUA CURTIPENDULA	SIDE-OATS GRAMA	42.00
CAREX BICKNELLII	COPPER-SHOULDERED OVAL SEDGE	1.00
ELYMUS CANADENSIS	CANADA WILD RYE	32.00
ELYMUS VIRGINICUS	VIRGINIA WILD RYE	32.00
KOELERIA CRISTATA (MACRANTHA)	JUNE GRASS	2.00
SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	32.00
		TOTAL: 141.00
		8.81 LBS/ACRE
FORBES:		
ALLIUM CERNUUM	NODDING ONION	6.00
AMORPHA CANESCENS	LEADPLANT	2.50
ASCLEPIAS TUBEROSA	BUTTERFLY WEED	1.50
ASTER AZUREUS	SKY-BLUE ASTER	1.50
ASTER LAEVIS	SMOOTH BLUE ASTER	2.00
ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	2.50
CHAMAECRISTA FASCICULATA	PARTRIDGE PEA	10.00
COREOPSIS PALMATA	PRAIRIE COREOPSIS	6.00
DALEA CANDIDA	WHITE PRAIRIE CLOVER	4.00
DALEA PURPUREA	PURPLE PRAIRIE CLOVER	3.00
ECHINACEA PALLIDA	PALE PURPLE CONEFLOWER	2.50
ECHINACEA PURPUREA	PURPLE CONEFLOWER	6.00
ERYNGIUM YUCCIFOLIUM	RATTLESNAKE MASTER	3.00
HELIOPSIS HELIANTHOIDES	EARLY SUNFLOWER	10.00
LIATRIS PYCNOSTACHYA	PRAIRIE BLAZING STAR	2.50
MONARDA FISTULOSA	WILD BERGAMOT	1.50
PENSTEMON DIGITALIS	FOXGLOVE BEARD TONGUE	2.50
POTENTILLA ARGUTA	PRAIRIE CINQUEFOIL	0.20
PYCNANTHEMUM VIRGINIANUM	MOUNTAIN MINT	0.20
RATIBIDA PINNATA	YELLOW CONEFLOWER	4.00
RUDBECKIA HIRTA	BLACK-EYED SUSAN	2.50
RUDBECKIA SUBTOMENTOSA	SWEET BLACK-EYED SUSAN	2.00
SILPHIUM LACINIATUM	COMPASS PLANT	2.50
SOLIDAGO SPECIOSA	SHOWY GOLDENROD	1.00
TRADESCANTIA OHIENSIS	OHIO SPIDERWORT	1.50
VERONICASTRUM VIRGINICUM	CULVER'S ROOT	0.10
		TOTAL: 81.00
		5.06 LBS/ACRE
COVER:		
AVENA SATIVA	OATS (SPRING)	160.00
SECALE CEREALE	RYE (FALL)	160.00
		TOTAL: 320.00
		20.00 LBS/ACRE

SEEDING, CLASS 4A (MODIFIED)

ZONE 3: BIRD AND BUTTERFLY MIX AND SHORTGRASS PRAIRIE FOR DRY SOILS

BIRD AND BUTTERFLY SEED MIX

SCIENTIFIC NAME	COMMON NAME	OZ./ACRE
GRASSES (6 LBS/ACRE):		
BOUTELOUA CURTIPENDULA	SIDE-OATS GRAMA	32.00
BROMUS KALMII	PRAIRIE BROME	20.00
ELYMUS CANADENSIS	CANADA WILD RYE	32.00
KOELERIA CRISTATA (MACRANTHA)	JUNE GRASS	2.00
SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	16.00
SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	8.00
		TOTAL: 110.00
		6.88 LBS/ACRE
FORBES:		
AGASTACHE FOENICULUM	LAVENDER HYSSOP	0.50
ALLIUM CERNUUM	NODDING ONION	2.00
AMORPHA CANESCENS	LEADPLANT	1.00
ANEMONE CYLINDRICA	THIMBLEWEED	0.75
AQUILEGIA CANADENSIS	WILD COLUMBINE	0.60
ASCLEPIAS INCARNATA	MARSH (RED) MILKWEED	1.50
ASCLEPIAS SYRIACA	COMMON MILKWEED	0.75
ASCLEPIAS TUBEROSA	BUTTERFLY WEED	2.50
ASTER AZUREUS	SKY-BLUE ASTER	0.75
ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	0.75
ASTER SAGITTIFOLIUS	ARROW-LEAVED ASTER	0.50
ASTRAGALUS CANADENSIS	CANADA MILK VETCH	3.00
BAPTISIA AUSTRALIS	BLUE WILD INDIGO	4.00
CHAMAECRISTA FASCICULATA	PARTRIDGE PEA	8.00
COREOPSIS LANCEOLATA	LANCE-LEAF (SAND) COREOPSIS	2.50
COREOPSIS PALMATA	PRAIRIE COREOPSIS	2.50
DALEA CANDIDA	WHITE PRAIRIE CLOVER	3.00
DALEA PURPUREA	PURPLE PRAIRIE CLOVER	3.00
ECHINACEA PALLIDA	PALE PURPLE CONEFLOWER	6.00
ECHINACEA PURPUREA	PURPLE CONEFLOWER	4.00
ERYNGIUM YUCCIFOLIUM	RATTLESNAKE MASTER	3.00
EUPATORIUM MACULATUM	SPOTTED JOE PYE WEED	0.50
HELIANTHUS GROSSESERRATUS	SAWTOOTH SUNFLOWER	0.50
HELIOPSIS HELIANTHOIDES	EARLY SUNFLOWER	8.00
KUHNSIA EUPATORIODES	FALSE BONESET	1.00
LIATRIS ASPERA	ROUGH BLAZING STAR	0.75
LIATRIS PYCNOSTACHYA	PRAIRIE BLAZING STAR	4.00
LOBELIA CARDINALIS	CARDINAL FLOWER	0.25
LOBELIA SIPHILITICA	GREAT BLUE LOBELIA	0.50
LUPINUS PERENNIS	WILD LUPINE	6.00
MONARDA FISTULOSA	WILD BERGAMOT	1.00
PENSTEMON DIGITALIS	FOXGLOVE BEARD TONGUE	0.50
PHYSOSTEGIA VIRGINIANA	OBEDIENT PLANT	0.50
RATIBIDA PINNATA	YELLOW CONEFLOWER	2.50
ROSA ARKANSANA	PRAIRIE WILD ROSE	1.00
RUDBECKIA HIRTA	BLACK-EYED SUSAN	3.00
RUDBECKIA SUBTOMENTOSA	SWEET BLACK-EYED SUSAN	2.50
RUDBECKIA TRILOBA	BROWN-EYED SUSAN	1.50
SILENE REGIA	ROYAL CATCHFLY	1.00
SILPHIUM LACINIATUM	COMPASS PLANT	2.00
SOLIDAGO RIGIDA	STIFF GOLDENROD	0.75
SOLIDAGO SPECIOSA	SHOWY GOLDENROD	1.00
TRADESCANTIA OHIENSIS	OHIO SPIDERWORT	2.00
VERBENA STRICTA	HOARY VERVAIN	1.50
VERNONIA FASCICULATA	IRONWEEED	1.00
VERONICASTRUM VIRGINICUM	CULVER'S ROOT	0.15
ZIZIA AUREA	GOLDEN ALEXANDERS	4.00
		TOTAL: 98.00
		6.13 LBS/ACRE
COVER:		
AVENA SATIVA	OATS (SPRING)	160.00
SECALE CEREALE	RYE (FALL)	160.00
		TOTAL: 320.00
		20.00 LBS/ACRE

SHORTGRASS PRAIRIE FOR DRY SOILS SEED MIX

SCIENTIFIC NAME	COMMON NAME	OZ./ACRE
GRASSES (6 LBS/ACRE):		
BOUTELOUA CURTIPENDULA	SIDE-OATS GRAMA	16.00
BROMUS KALMII	PRAIRIE BROME	8.00
CAREX BICKNELLII	COPPER-SHOULDERED OVAL SEDGE	1.50
ELYMUS CANADENSIS	CANADA WILD RYE	48.00
KOELERIA CRISTATA (MACRANTHA)	JUNE GRASS	2.00
SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	20.00
SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	4.00
		TOTAL: 99.50
		6.22 LBS/ACRE
FORBES:		
AGASTACHE FOENICULUM	LAVENDER HYSSOP	1.00
ALLIUM CERNUUM	NODDING ONION	4.00
AMORPHA CANESCENS	LEADPLANT	2.00
ASCLEPIAS TUBEROSA	BUTTERFLY WEED	2.00
ASTER AZUREUS	SKY-BLUE ASTER	1.25
ASTER ERICOIDES	HEATH ASTER	0.10
ASTER LAEVIS	SMOOTH BLUE ASTER	1.25
CHAMAECRISTA FASCICULATA	PARTRIDGE PEA	8.00
COREOPSIS LANCEOLATA	LANCE-LEAF (SAND) COREOPSIS	2.50
COREOPSIS PALMATA	PRAIRIE COREOPSIS	2.00
DALEA CANDIDA	WHITE PRAIRIE CLOVER	3.00
DALEA PURPUREA	PURPLE PRAIRIE CLOVER	2.50
ECHINACEA PALLIDA	PALE PURPLE CONEFLOWER	8.00
ERYNGIUM YUCCIFOLIUM	RATTLESNAKE MASTER	3.00
HELIOPSIS HELIANTHOIDES	EARLY SUNFLOWER	6.00
LIATRIS ASPERA	ROUGH BLAZING STAR	1.00
LIATRIS CYLINDRACEA	DWARF BLAZING STAR	1.00
LUPINUS PERENNIS	WILD LUPINE	6.00
MONARDA FISTULOSA	WILD BERGAMOT	2.00
MONARDA PUNCTATA	DOTTED MINT	0.25
POTENTILLA ARGUTA	PRAIRIE CINQUEFOIL	0.50
RATIBIDA PINNATA	YELLOW CONEFLOWER	3.00
RUDBECKIA HIRTA	BLACK-EYED SUSAN	4.00
SOLIDAGO RIGIDA	STIFF GOLDENROD	0.70
SOLIDAGO SPECIOSA	SHOWY GOLDENROD	0.70
TRADESCANTIA OHIENSIS	OHIO SPIDERWORT	0.75
VERBENA STRICTA	HOARY VERVAIN	2.00
		TOTAL: 68.50
		4.28 LBS/ACRE
<		

SUGGESTED TRAFFIC CONTROL GENERAL NOTES

- CONSTRUCTION WORK ZONE SPEED LIMIT = 30 MPH (UNLESS OTHERWISE NOTED)
- THE FURNISHING, INSTALLING AND RELOCATION OF ALL TRAFFIC CONTROL SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), ILLINOIS SUPPLEMENT TO THE MUTCD, IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, CONTRACT SPECIFICATIONS AND AS DETERMINED BY THE ENGINEER. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DETERMINED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
- EXISTING TRAFFIC CONTROL DEVICES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGED SIGNS CAUSED BY HIS WORK SHALL BE REPLACED BY THE CONTRACTOR AND AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS DURING CONSTRUCTION UNLESS OTHERWISE STATED IN THE PLANS.
- CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED TWO WEEKS PRIOR TO ALL TRAFFIC STAGE CHANGES ON EACH APPROACH OF THE EFFECTED ROADWAY TO WARN MOTORISTS OF THE UPCOMING EVENT. THE SIGN MESSAGES SHALL BE REVISED TWO WEEKS THEREAFTER WITH MESSAGES WARNING TRAFFIC OF POTENTIAL TRAFFIC DELAYS, QUEUING AND/OR WITH MESSAGES NOTIFYING TRAFFIC TO USE ALTERNATE ROUTES. THE SIGN LOCATIONS AND MESSAGES SHALL BE DETERMINED BY THE ENGINEER.
- TEMPORARY PAVEMENT MARKINGS CONSISTING OF VARIOUS LINE WIDTHS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS SHALL BE TEMPORARY PAVEMENT MARKING TAPE, TYPE IV, UNLESS THE CONSTRUCTION STAGING WILL EXTEND OVER THE WINTER PERIOD THEN TEMPORARY PAVEMENT MARKING MOTIFIED URETHANE SHALL BE USED.
- DROP-OFFS ADJACENT TO THE TRAVEL LANE SHALL BE KEPT TO A MINIMUM. PROTECTION OF THE DROP-OFF SHALL BE ACCORDING TO THE IDOT BUREAU OF SAFETY PROGRAMS AND ENGINEERING, SAFETY ENGINEERING POLICY MEMORANDUM 4-21. DROP-OFFS GREATER THAN OR EQUAL TO 12" WILL NOT BE ALLOWED AT LOCATIONS WHERE THE DROP-OFF IS LOCATED WITHIN 8 FT OF THE EDGE OF THE TRAVEL LANE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE DROP-OFF AREAS MEET THE OFFSET, HEIGHT, AND DURATION REQUIREMENTS TO USE BARRICADES AT THE END OF EACH WORKDAY. THIS MAY REQUIRE THE CONTRACTOR TO REPLACE OR PLACE SUFFICIENT MATERIAL IN THE EXCAVATION TO REDUCE THE DROP-OFF TO BE COMPLIANT WITH THE REQUIREMENTS FOR USE OF BARRICADES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO COMPLY WITH THIS REQUIREMENT.

SEQUENCE OF CONSTRUCTION

PRESTAGE

US ROUTE 14 - DAILY LANE CLOSURES TO CONSTRUCT WORKZONE ACCESS AT BOTH ENDS OF TEMPORARY US ROUTE 14. DAILY LANE CLOSURES TO ONSTRUCT PROPOSED DRAINAGE AS SHOWN ON PLAN. REMOVE WILLOW ROAD. START EXCAVATION OF FLINT CREEK WEST OF IL ROUTE 59. START EXCAVATION FOR FLINT CREEK AT THE FUTURE SITE OF THE PUMP STATION. DRIVE SHEETING ALONG THE SOUTH SIDE OF TEMP US ROUTE 14 FOR TEMP FLINT CREEK. CONSTRUCT BOX CULVERT FOR FLINT CREEK UNDER TEMP US ROUTE 14. START PREP FOR THE SHOOFLY RR CROSSING AT TEMP US ROUTE 14. PERFORM ON SITE TREE REMOVAL. INSTALL SITE PERIMETER SOIL EROSION MEASURES.

IL ROUTE 59 - INITIATE US 14 AND HART ROAD DETOURS TO ELIMINATE LEFT TURN MOVEMENT TO NB US ROUTE 14 FOR NB IL ROUTE 59 AT THE IL ROUTE 59/ US ROUTE 14 INTERSECTION.

PRESTAGE - LIMIT IL ROUTE 59 TO ONE LANE IN EACH DIRECTION. SHIFT TRAFFIC TO THE OUTSIDE LANE IN EACH DIRECTION AT THE WORK ZONE. DRIVE SHEETING AT WEST END OF PROPOSED CULVERT UNDER ROUTE 59. LIMIT DIRECTION ACCESS AT LIONS DRIVE

STAGE 1 - SHIFT ONE LANE IN EACH DIRECTION TO THE WEST SIDE OF IL ROUTE 59. CONSTRUCT THE EAST SIDE OF THE CULVERT UNDER IL ROUTE 59

STAGE 2 - SHIFT ONE LANE IN EACH DIRECTION TO THE EAST SIDE OF IL ROUTE 59. CONSTRUCT THE WEST SIDE OF THE CULVERT UNDER IL ROUTE 59

STAGE 1

US ROUTE 14 - MAINTAIN PRESTAGE LANE CONFIGURATION. BEGIN SHORELY SITE WORK AT PROPOSED ACCESS.

TEMP US ROUTE 14 - BEGIN GRADING FOR TEMP US ROUTE 14 FROM STA 2003+00 TO 2024+75 WITH GAPS AT THE EXISTING RR CROSSING AND AT EXISTING LAKE ZURICH ROAD. BEGIN GRADING FOR TEMP LAKE ZURICH ROAD TO STATION 74+25.

OTHER OPERATIONS - BEGIN RETAINING WALLS FOR FLINT CREEK ON THE NORTH SIDE OF IL ROUTE 59 TO FLINT CREEK TIE IN. CONTINUE GRADING AT PUMPSTATION SITE. BEGIN RETAINING WALLS ON PUMPSTATION SITE. START CONSTRUCTION OF PUMP STATION.

STAGE 1A

US ROUTE 14 - LIMIT US ROUTE 14 TO ONE LANE IN EACH DIRECTION. CONSTRUCT PROPOSED PAVEMENT AT NORTH AND SOUTH LIMITS OF PROJECT AS SHOWN ON THE PLAN. CONSTRUCT TEMP PAVEMENT AND THE NORTH HALF OF THE PROPOSED CULVERT UNDER US ROUTE 14. MAINTAIN ACCESS TO THE BARRINGTON LIBRARY. BEGIN SHORELY PROPOSED ACCESS AND PUMP STATION ACCESS.

TEMP US ROUTE 14 - CONTINUE CONSTRUCTION TEMP US ROUTE 14 FROM STA 2003+00 TO 2024+75 WITH GAPS AT THE EXISTING RR CROSSING AND AT EXISTING LAKE ZURICH ROAD. CONSTRUCT SHOOFLY RR CROSSING. CONSTRUCT TEMP LAKE ZURICH ROAD TO STATION 74+25. BEGIN GRADING FOR TEMP FLINT CREEK UP TO STATION FROM NORTH HEADWALL OF ROUTE 14 STRUCTURE TO STATION 13+00.

PARK LANE - CONSTRUCT SANITARY SEWER, WATERMAIN AS SHOWN ON THE PLAN.

OTHER OPERATIONS - COMPLETE RETAINING WALLS FOR FLINT CREEK ON THE NORTH SIDE OF IL ROUTE 59 TO FLINT CREEK TIE IN. CONTINUE GRADING AT PUMPSTATION SITE. COMPLETE RETAINING WALLS ON PUMPSTATION SITE. CONTINUE CONSTRUCTION OF PUMP STATION.

STAGE 1B

US ROUTE 14 - SHIFT TRAFFIC AT NORTH AND SOUTH LIMITS AS SHOWN ON THE PLANS. CONSTRUCT PROPOSED PAVEMENT AT NORTH AND SOUTH LIMITS OF PROJECT AS SHOWN ON THE PLAN. MAINTAIN ACCESS TO THE BARRINGTON LIBRARY. BEGIN SHORELY PROPOSED ACCESS AND PUMP STATION ACCESS.

NORTH AND DRURY LANE - CONSTRUCT THE PROPOSED STORM SEWER TO DIVERT FLOW EAST OF FLINT CREEK THRU PROPOSED DRAINAGE PLAN. JACK DRAINAGE AND WATERMAIN UNDER THE WCL RR. CONSTRUCT DRAINAGE OUTFLOW TO THE EXISTING FLINT CREEK SOUTH OF US ROUTE 14.

OTHER OPERATIONS - START CONSTRUCTION OF CUL-DE-SAC'S AT SHORELY DRIVE AND DRURY LANE. CONSTRUCT PAVEMENT CONNECTION FROM NORTH TO PARK LANE. SEE RR PLAN FOR SHOOFLY TRACK CONSTRUCTION STAGING.

CONTINUE ALL STAGE 1A OPERATIONS.

STAGE 1C

US ROUTE 14 - INITIATE REGIONAL DETOUR. FULL CLOSURE OF US ROUTE 14 FOR COMPLETION OF SHOOFLY TRACK CONSTRUCTION AND CONSTRUCTION OF SHOOFLY TRACK CROSSING AT EXISTING US ROUTE 14. TRANSFER RAIL TRAFFIC TO SHOOFLY. CONSTRUCT PAVEMENT GAPS AT NORTH AND SOUTH TEMP US ROUTE 14 CONNECTION POINTS. CONSTRUCT GAPS AT LAKE ZURICH ROAD AND CONNECTION OF TEMP LAKE ZURICH ROAD.

COMPLETE PROPOSED ACCESS TO SHORELY SUBDIVISION MAINTAIN ACCESS TO SHORELY SUBDIVISION. MAINTAIN ACCESS TO BARRINGTON LIBRARY.

STAGE 2

SHIFT TRAFFIC ON TO TEMP US ROUTE 14 AND TEMP LAKE ZURICH ROAD. OPEN PROP SHORELY ENTRANCE. US ROUTE 14 ROADWAY REMOVAL TO STATION 211+00. EXCAVATE AND CONSTRUCT 84"STORM SEWER. JACK 42" STORM SEWER TO PUMP STATION. COMPLETE PUMP STATION. EXCAVATE FOR AND CONSTRUCT SOUTH HALF OF BOX CULVERT UNDER US ROUTE 14. CONSTRUCT ENTRANCE TO PUMP STATION. COMPLETE HEADWALLS AND COMPLETE GRADING OF FLINT CREEK BETWEEN US ROUTE 14 AND IL ROUTE 59. THEN DIVERT FLINT CREEK TO TEMPORARY FLINT CREEK ALIGNMENT. DRIVE SHEET PILES ON WEST SIDE OF SHOOFLY CROSSING US ROUTE 14 AS SHOWN ON PLAN. CONTINUE US ROUTE 14 REMOVAL AND EXCAVATION TO SHEETING. WHEN PUMP STATION HAS BEEN COMPLETED. CONSTRUCT REMAINDER OF 84"STORM SEWER AND JUNCTION WEST OF THE RR. CONNECT TO PUMP STATION. INSTALL EROSION CONTROL MEASURES AND MAKE PUMP STATION OPERATIONAL. CONSTRUCT RR STRUCTURE AND WEST RETAINING WALLS. CONSTRUCT PROPOSED RAIL AND SWITCH RAIL TRAFFIC TO FINAL ALIGNMENT. REMOVE SHOOFLY CROSSING AND COMPLETE US ROUTE 14 PAVEMENT REMOVAL AND EXCAVATE. CONSTRUCT SE RETAINING AND NOISE WALLS. CONSTRUCT PROPOSED LAKE ZURICH ROAD WITHIN WORK ZONE LIMITS.

STAGE 2A

LIMIT US ROUTE 14 TRAFFIC TO ONE LANE IN EACH DIRECTION. SB ON PROPOSED US ROUTE 14 PAVEMENT AND NB TO REMAIN ON TEMPORARY US ROUTE 14. CONSTRUCT PAVEMENT GAPS AT NORTH AND SOUTH CONNECTION AS SHOWN ON PLAN.

STAGE 2B

US ROUTE 14 TRAFFIC TO REMAIN ONE LANE IN EACH DIRECTION. SHIFT NORTH AND SOUTH CONNECTIONS TO CONSTRUCT PAVEMENT GAPS AT NORTH AND SOUTH CONNECTION AS SHOWN ON PLAN.

STAGE 2C

SHIFT ALL TRAFFIC TO PROPOSED US ROUTE 14. COMPLETE CONSTRUCTION AT NORTH AND SOUTH CONNECTIONS. EXTEND TEMP LAKE ZURICH ROAD TO CONNECT TO COMPLETED US ROUTE 14. START REMOVAL OF TEMP US ROUTE 14 TO COMPLETE CONSTRUCTION OF PROPOSED LAKE ZURICH ROAD. COMPLETE REMOVAL OF SHOOFLY BALLAST AND RESTORATION OF WCL RR.

STAGE 3

MOVE TRAFFIC TO PROPOSED US ROUTE 14 CONFIGURATION. CONSTRUCT PROPOSED FLINT CREEK NORTH OF US ROUTE 14. COMPLETE ALL GRADING, LANDSCAPING AND RESTORATION. THIS WORK SHALL BE PERFORMED UTILIZING IDOT STANDARD 701422 FOR LANE CLOSURES WHEN WORKING ADJACENT TO TRAFFIC.

Traffic Control Devices:

Portable Changeable Message Signs (PCMS)
PCMS will be provided for the traffic, pedestrians and non-motorized vehicles regarding each upcoming construction stage, travel pattern and its duration. The PCMS will be installed and in operation a minimum of 7 days prior to the start of construction.

Signal Interconnect
It is important to maintain the existing interconnect system along U.S. Route 14 between IL Route 59 and Main Street during construction, so that traffic in the work zone area will be more efficient.

Signal Timing
Temporary revised signal timings within the work zone area will help manage capacity.

MODEL: \\MODEL\NAME: \\MODEL\NAME: 202410131017-101-MOT-01.dgn

 Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	USER NAME = mc	DESIGNED - NEM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED TRAFFIC CONTROL GENERAL NOTES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED - DNM	REVISED -		SCALE: NONE	SHEET 1	OF 9 SHEETS	STA.	TO STA.	305	11-00087-00-GS	LAKE	816
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -					CONTRACT NO. 61J87						
									ILLINOIS			FED. AID PROJECT	

SUGGESTED IL 59 TRAFFIC CONTROL GENERAL NOTES

- CONSTRUCTION WORK ZONE SPEED LIMIT = 25 MPH (UNLESS OTHERWISE NOTED)
- THE FURNISHING, INSTALLING AND RELOCATION OF ALL TRAFFIC CONTROL SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), ILLINOIS SUPPLEMENT TO THE MUTCD, IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, CONTRACT SPECIFICATIONS AND AS DETERMINED BY THE ENGINEER. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DETERMINED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
- EXISTING TRAFFIC CONTROL DEVICES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGED SIGNS CAUSED BY HIS WORK SHALL BE REPLACED BY THE CONTRACTOR AND AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL - WATER BLASTING.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS DURING CONSTRUCTION.

Traffic Control Devices:

PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)
 PCMS WILL BE PROVIDED FOR THE TRAFFIC, PEDESTRIANS AND NON-MOTORIZED VEHICLES REGARDING EACH UPCOMING CONSTRUCTION STAGE, TRAVEL PATTERN AND ITS DURATION. THE PCMS WILL BE INSTALLED AND IN OPERATION A MINIMUM OF 7 DAYS PRIOR TO THE START OF CONSTRUCTION.

SIGNAL INTERCONNECT
 THE CONTRACTOR MAINTAIN THE EXISTING INTERCONNECT SYSTEM ALONG U.S. ROUTE 14 BETWEEN IL ROUTE 59 AND MAIN STREET DURING CONSTRUCTION, SO THAT TRAFFIC IN THE WORK ZONE AREA WILL BE MORE EFFICIENT.

SEQUENCE OF CONSTRUCTION

IL ROUTE 59 (SOUTH OF MAIN STREET)

GENERAL 1 - COORDINATE MAINTENANCE OF TRAFFIC SOUTH OF MAIN STREET WITH US ROUTE 14 DETOUR (SEE US 14 (NORTHWEST HIGHWAY) DETOUR MOT SHEET FOR DETAILS).

GENERAL 2 - COORDINATE MAINTENANCE OF TRAFFIC SOUTH OF MAIN STREET WITH HART ROAD DETOUR (SEE HART ROAD DETOUR MOT SHEET FOR DETAILS).

PRESTAGE A - LIMIT IL ROUTE 59 TO ONE LANE IN EACH DIRECTION. SHIFT TRAFFIC TO THE INSIDE LANE IN EACH DIRECTION AT THE WORK ZONE. DRIVE SHEETING AT THE SOUTHEAST QUADRANT OF THE INTERSECTION OF IL 59 & LIONS DRIVE. CONSTRUCT TEMPORARY PAVEMENT AT THE SOUTHWEST QUADRANT TO ACCOMMODATE RIGHT TURN MOVEMENT FROM LIONS DRIVE TO IL 59 SB.

PRESTAGE - LIMIT IL ROUTE 59 TO ONE LANE IN EACH DIRECTION. SHIFT TRAFFIC TO THE OUTSIDE LANE IN EACH DIRECTION AT THE WORK ZONE. DRIVE SHEETING FOR PROPOSED CULVERT UNDER ROUTE 14. LIMIT DIRECTION ACCESS AT LIONS DRIVE (NO LEFT TURN TO NB ON IL 59). USE TEMPORARY PAVEMENT FOR RIGHT TURN MOVEMENT FROM LIONS TO IL 59 SB.

STAGE 1 - SHIFT ONE LANE IN EACH DIRECTION TO THE WEST SIDE OF IL ROUTE 59. CONSTRUCT THE EAST SIDE OF THE CULVERT UNDER IL ROUTE 59. USE TEMPORARY PAVEMENT FOR RIGHT TURN MOVEMENT FROM LIONS TO IL 59 SB (NO LEFT TURN TO NB ON IL 59).

STAGE 2 A - SHIFT ONE LANE IN EACH DIRECTION TO THE EAST SIDE OF IL ROUTE 59. CONSTRUCT THE TEMPORARY ROAD FOR LIONS DRIVE EB. CONSTRUCT TEMPORARY PAVEMENT AT THE NORTHWEST QUADRANT TO ACCOMMODATE RIGHT TURN MOVEMENT FROM IL59 TO WB ON LIONS DRIVE. LIMIT DIRECTION ACCESS AT LIONS DRIVE (NO LEFT TURN TO NB ON IL 59).

STAGE 2 - SHIFT ONE LANE IN EACH DIRECTION TO THE EAST SIDE OF IL ROUTE 59. ACCOMMODATE TEMPORARY ROAD FOR LIONS DRIVE EB. LIMIT DIRECTION ACCESS AT LIONS DRIVE (NO LEFT TURN TO NB ON IL 59). CONSTRUCT THE WEST SIDE OF THE CULVERT UNDER IL ROUTE 59.

*STAGE 3A
MOT*

*IL59
 LIMIT IL ROUTE 59 TO ONE LANE IN EACH DIRECTION WITH TWO -WAY LEFT TURN LANE (TWLTL) STARTING JUST SOUTH OF LIONS DRIVE AND EXTENDING TO THE INTERSECTION WITH US ROUTE 14.
 PROVIDE ONE LANE IN EACH DIRECTION WITH TWLTL ON IL ROUTE 59 NORTH OF THE INTERSECTION WITH US ROUTE 14.
 ALSO, ADD A SOUTHBOUND (SB) RIGHT TURN LANE ON IL ROUTE 59 AT THE INTERSECTION WITH US ROUTE 14.
 THE SIDEWALK ADJACENT TO THE IL59 SOUTHBOUND WILL REMAIN CLOSED SOUTH OF THE INTERSECTION OF LIONS DRIVE AND IL ROUTE 59.*

*LIONS DR.
 CLOSE THE TEMPORARY RIGHT TURN LANE ON LIONS DRIVE.
 ALLOW RIGHT TURNS FROM LIONS DRIVE TO SOUTHBOUND IL ROUTE 59 AT THE INTERSECTION OF LIONS DRIVE AND IL ROUTE 59.
 MAINTAIN TEMPORARY PAVEMENT AT THE NORTHWEST CORNER OF THE INTERSECTION OF LIONS DRIVE AND IL ROUTE 59.
 SOUTH SIDEWALK ALONG LIONS DR. WILL REMAIN CLOSED WEST OF THE INTERSECTION WITH IL ROUTE 59.*

*CONSTRUCTION
 1. EXCAVATE A SECTION OF THE TEMPORARY LIONS DRIVE RIGHT -TURN LANE. THE REMAINING PORTION WILL BE USED AS A CONSTRUCTION ACCESS/STAGING AREA.
 2. CONSTRUCT A SEGMENT OF THE CULVERT TO THE WEST OF THE IL59 PARKWAY.
 3. BUILD RETAINING WALLS AND COMPLETE THE PROPOSED FLINT CREEK CONNECTION TO THE EXISTING FLINT CREEK.
 4. UTILIZE THE SOUTHBOUND RIGHT LANE ON IL 59 AS A CONSTRUCTION ACCESS/STAGING AREA.
 5. THE CONTRACTOR MUST ENSURE A 10-FOOT CONSTRUCTION CLEAR ZONE AT ALL DROP- OFF LOCATIONS EXCEEDING 12 INCHES (PER REVISION OF SAFETY ENGINEERING POLICY MEMORANDUM 4-15 - SAFETY ENGINEERING POLICY 4-21) THAT ARE NOT PROTECTED BY TCB (PER BLR FIG. 35 2A).*

*STAGE 3
MOT*

*IL59
 LIMIT IL ROUTE 59 TO ONE LANE IN EACH DIRECTION WITH A TWO-WAY LEFT TURN LANE (TWLTL).
 KEEP THE SOUTHBOUND RIGHT LANE ON IL ROUTE 59 AS A RIGHT TURN ONLY NORTH OF THE INTERSECTION WITH US ROUTE 14.
 THE SIDEWALK NEXT TO THE IL59 SOUTHBOUND WILL REMAIN CLOSED SOUTH OF THE INTERSECTION OF LIONS DRIVE AND IL ROUTE 59.*

*LIONS DR.
 THE SOUTH SIDEWALK ALONG LIONS WILL CONTINUE TO BE CLOSED WEST OF THE INTERSECTION WITH IL ROUTE 59.*

*CONSTRUCTION
 1. REMOVE TEMPORARY PAVEMENT AT THE NORTHWEST CORNER OF THE INTERSECTION OF LIONS DRIVE AND IL ROUTE 59.
 2. CLEAR THE CONSTRUCTION/STAGING AREA AT LIONS DRIVE AND RESTORE THE SIDEWALK AND PARKWAY.
 3. REMOVE THE CONSTRUCTION/STAGING AREA ALONG IL ROUTE 59 SB AND RESTORE THE SIDEWALK AND PARKWAY.*

*POST STAGE
MOT*

*LIMIT IL ROUTE 59 TO ONE LANE IN EACH DIRECTION. REDIRECT TRAFFIC TO THE INSIDE LANE IN EACH DIRECTION AND MAINTAIN TWLTL.
 SHIFT TRAFFIC TO NEWLY RESURFACED OUTSIDE LANES AND COMPLETE PAVEMENT RESURFACING ALONG IL ROUTE 59.
 USE DAILY CLOSURES ON LIONS DR. ONLY TO COMPLETE RESURFACING.
 USE DAILY CLOSURES TO COMPLETE PERMANENT PAVEMENT MARKINGS.*

*CONSTRUCTION
 1. RESTORE ACCESS TO THE SHOPPING CENTER AT THE SOUTHWEST CORNER OF IL ROUTE 59 AND US ROUTE 14.
 2. COMPLETE FINAL RESURFACING OF LIONS DRIVE AND IL59.
 3. INSTALL SHORT-TERM TEMPORARY PAVEMENT MARKINGS.
 4. FINISH PERMANENT PAVEMENT MARKINGS AND SIGNAGE.
 5. REMOVE CONSTRUCTION SPEED LIMIT SIGNAGE.*

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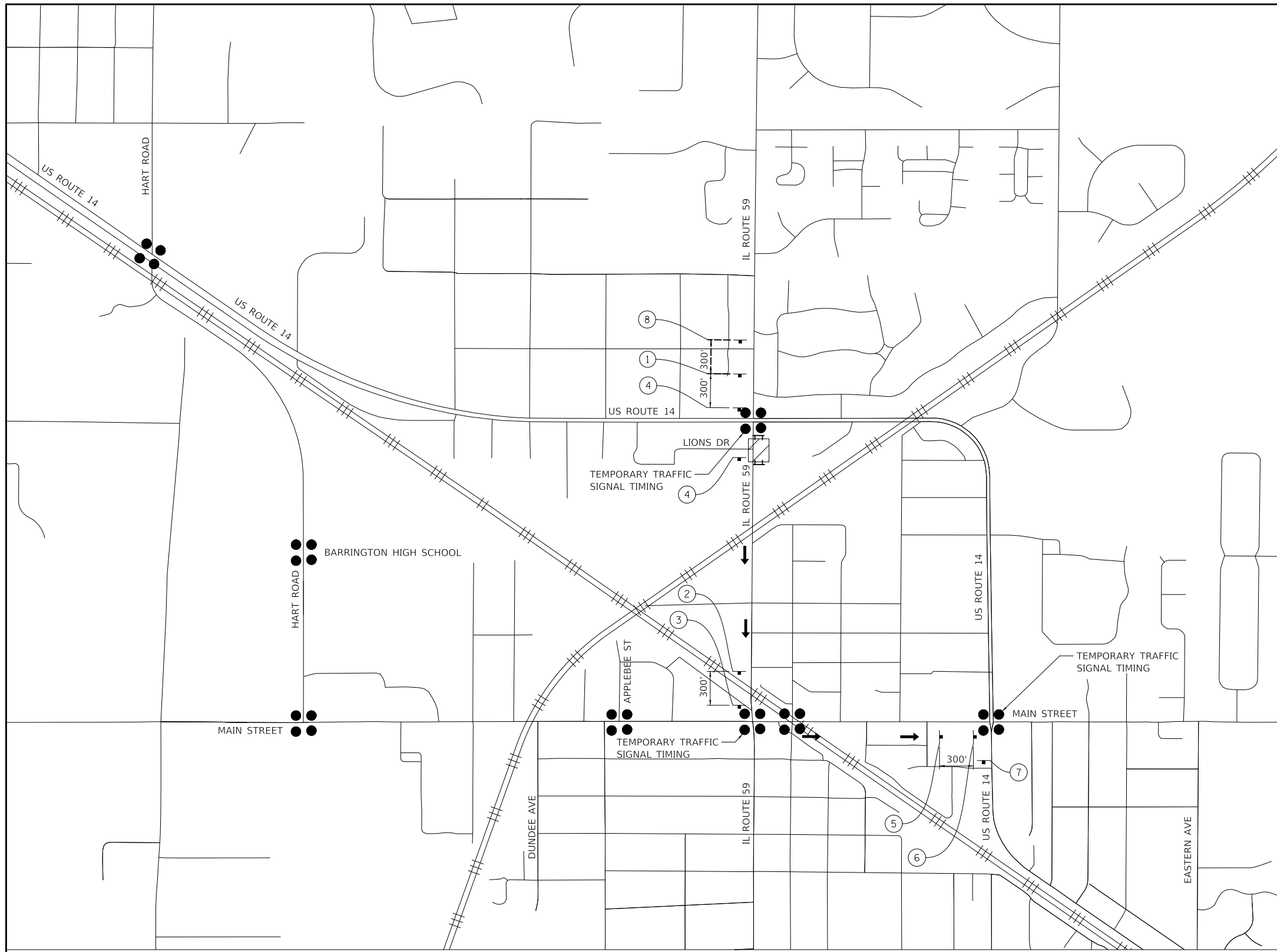
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED TRAFFIC CONTROL FOR IL59
 GENERAL NOTES**

SCALE: NONE SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	11-00087-00-GS	LAKE	816	107
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



N

DETOUR AHEAD W20-2-4848

DETOUR M4-8-2412

14 M1-5-2424 **EAST** M3-2-2412

Left Turn Arrow M6-6L-2115 **Right Turn Arrow** M6-1L-2115

Right Turn Arrow M6-6-2115 **Left Turn Arrow** M6-1-2115

Up Arrow M6-3-2115 **END DETOUR** M4-8A-2412

TO M4-5(0) **ROAD CLOSED** R11-2-4830

END DETOUR M4-8A-2412 **NO LEFT TURN AT US Route 14 (Northwest Hwy) FOLLOW DETOUR** SPECIAL

DETOUR NOTES

1. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
2. SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING.
3. TEMPORARY TRAFFIC SIGNAL TIMING SHALL BE CONSIDERED ALONG THE DETOUR ROUTE FOR EACH SIGNALIZED INTERSECTION.

LEGEND

← DETOUR ROUTE DIRECTION **▨** WORK ZONE

⊥ TYPE III BARRICADE **●●** SIGNALIZED INTERSECTION

⬇ TEMPORARY SIGN

SIGN ASSEMBLIES

① **DETOUR AHEAD** **14**

② **DETOUR TO EAST** **14** **Left Turn Arrow**

③ **DETOUR TO EAST** **14** **Right Turn Arrow**

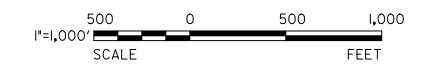
④ **DETOUR TO EAST** **14** **Up Arrow**

⑤ **DETOUR TO EAST** **14** **Right Turn Arrow**

⑥ **DETOUR TO EAST** **14** **Left Turn Arrow**

⑦ **END DETOUR**

⑧ **NO LEFT TURN AT US Route 14 (Northwest Hwy) FOLLOW DETOUR**



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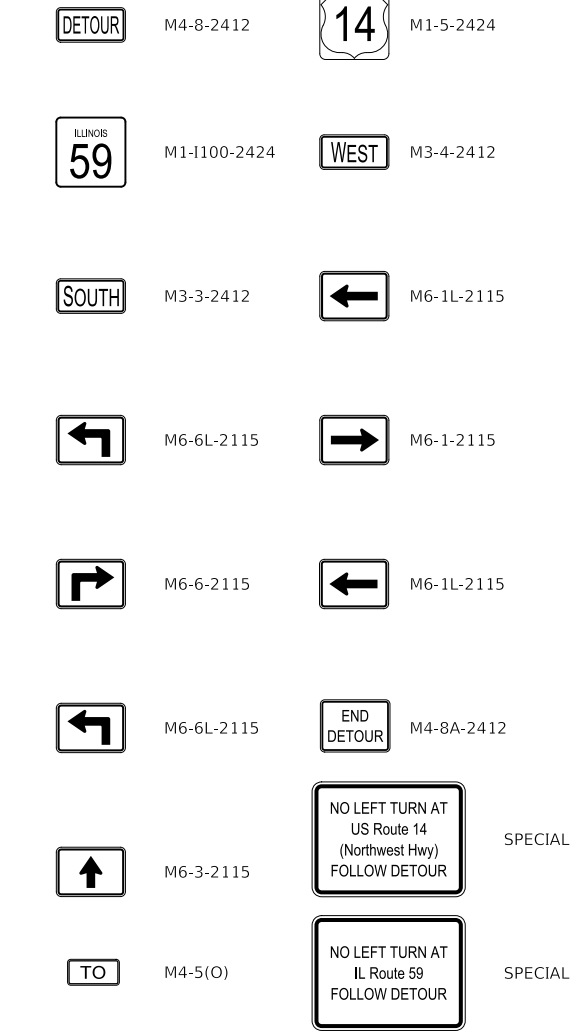
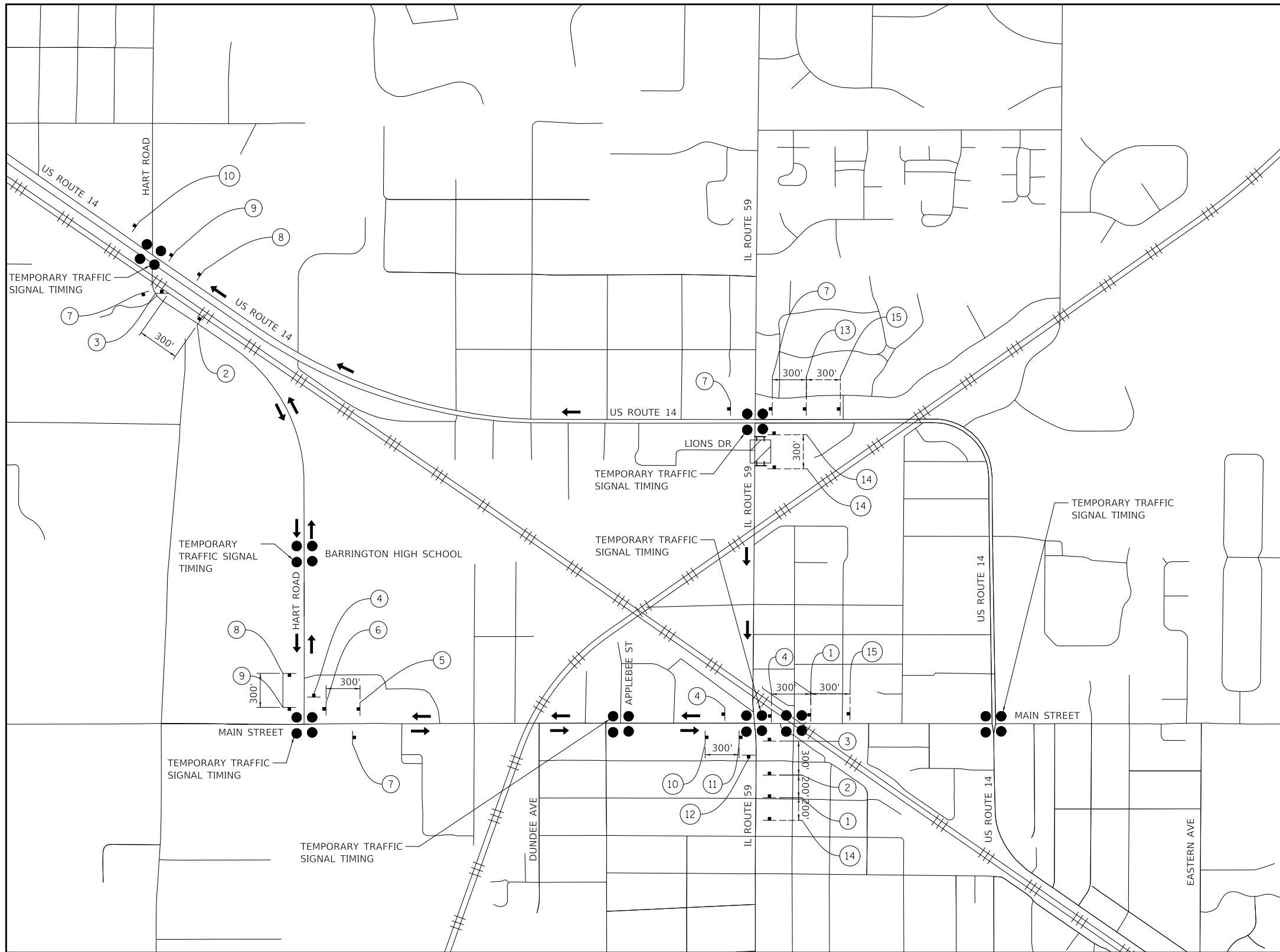
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US 14 (NORTHWEST HIGHWAY) DETOUR
MAINTENANCE OF TRAFFIC**

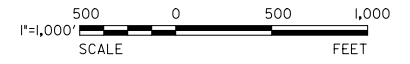
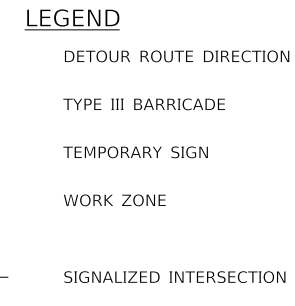
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

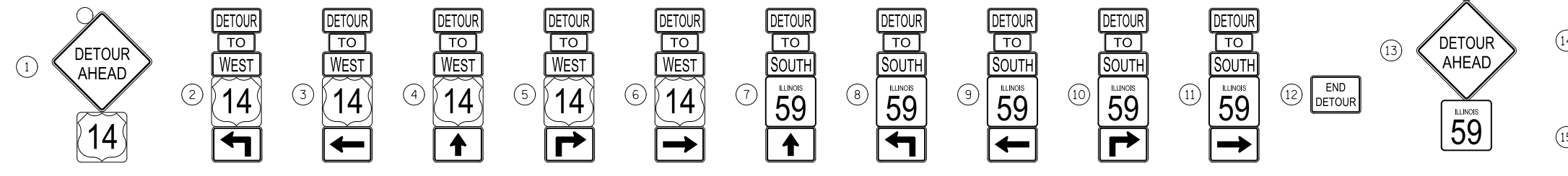


DETOUR NOTES

1. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
2. SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING.
3. TEMPORARY TRAFFIC SIGNAL TIMING SHALL BE CONSIDERED ALONG THE DETOUR ROUTE FOR EACH SIGNALIZED INTERSECTION.



SIGN ASSEMBLIES



MODEL: SMOBELNAME
FILE NAME: 20240818T-401-401-03.dgn



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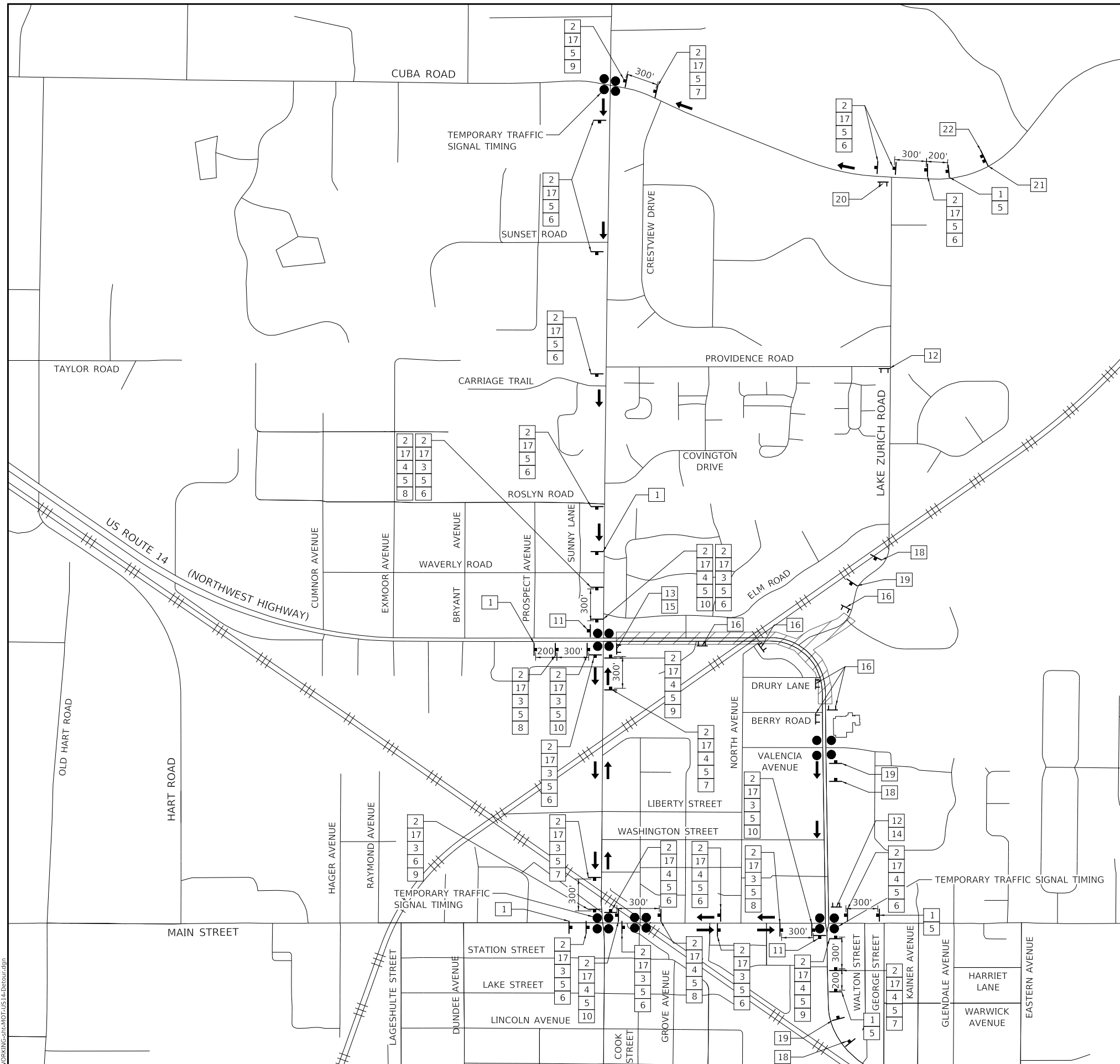
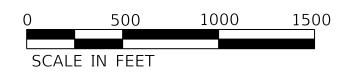
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**HART ROAD DETOUR
MAINTENANCE OF TRAFFIC**

SCALE: 1" = 500' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	109
CONTRACT NO. 61J87				

ILLINOIS FED. AID PROJECT



SIGN NO.	SIGN TYPE	SIGN NO.	SIGN TYPE
1	DETOUR AHEAD	13	ROAD CLOSED TO THRU TRAFFIC
2	DETOUR	14	DETOUR
3	EAST	15	DETOUR
4	WEST	16	ROAD CLOSED
5	14	17	TO
6	↑	18	ROAD CLOSED AHEAD
7	↶	19	ROAD CLOSED 500 FEET
8	↷	20	ROAD CLOSED 1/2 MILE AHEAD LOCAL TRAFFIC ONLY
9	↑	21	Lake Zurich Road CLOSED AT US Route 14 FOLLOW DETOUR
10	↓	22	US Route 14 CLOSED BETWEEN IL Route 59 AND Berry Road
11	END DETOUR		
12	ROAD CLOSED 1/2 MILE AHEAD LOCAL TRAFFIC ONLY		

NOTES

1. THE CONTRACTOR SHALL NOT OBSTRUCT ANY EXISTING SIGN WITH THE PLACEMENT OF DETOUR SIGNAGE.
2. SEE DETAIL TC-21 FOR TYPICAL SIGN SPACING
3. TEMPORARY TRAFFIC SIGNAL TIMING SHALL BE CONSIDERED ALONG THE DETOUR ROUTE FOR EACH SIGNALIZED INTERSECTION.

LEGEND

DETOUR ROUTE DIRECTION	WORK ZONE
TYPE III BARRICADE	SIGNALIZED INTERSECTION
TEMPORARY SIGN	

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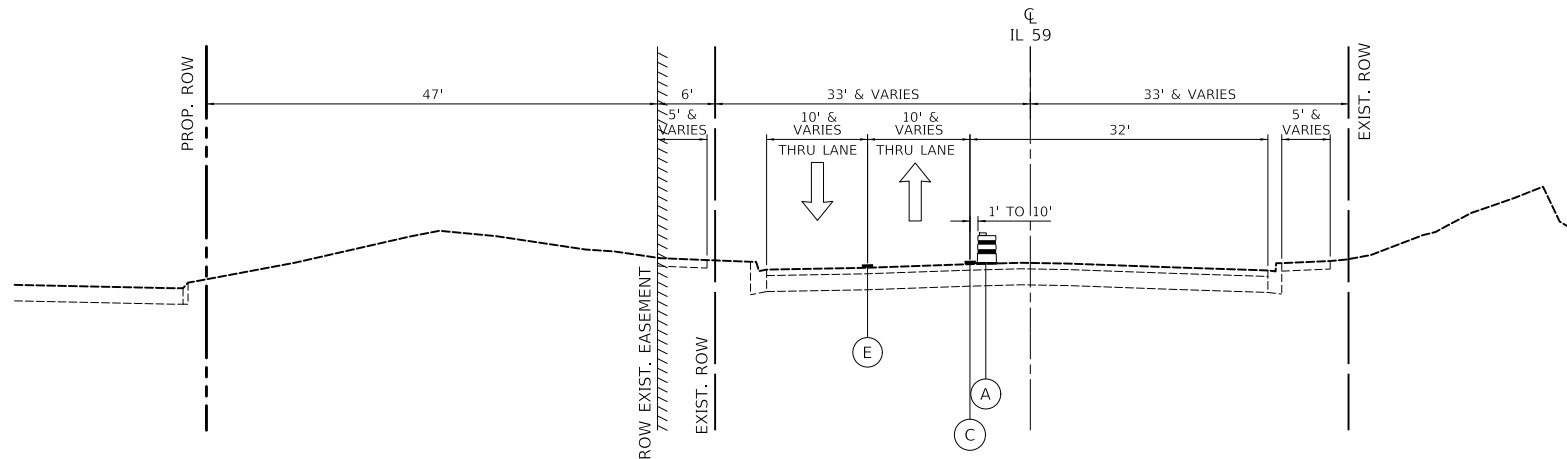
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

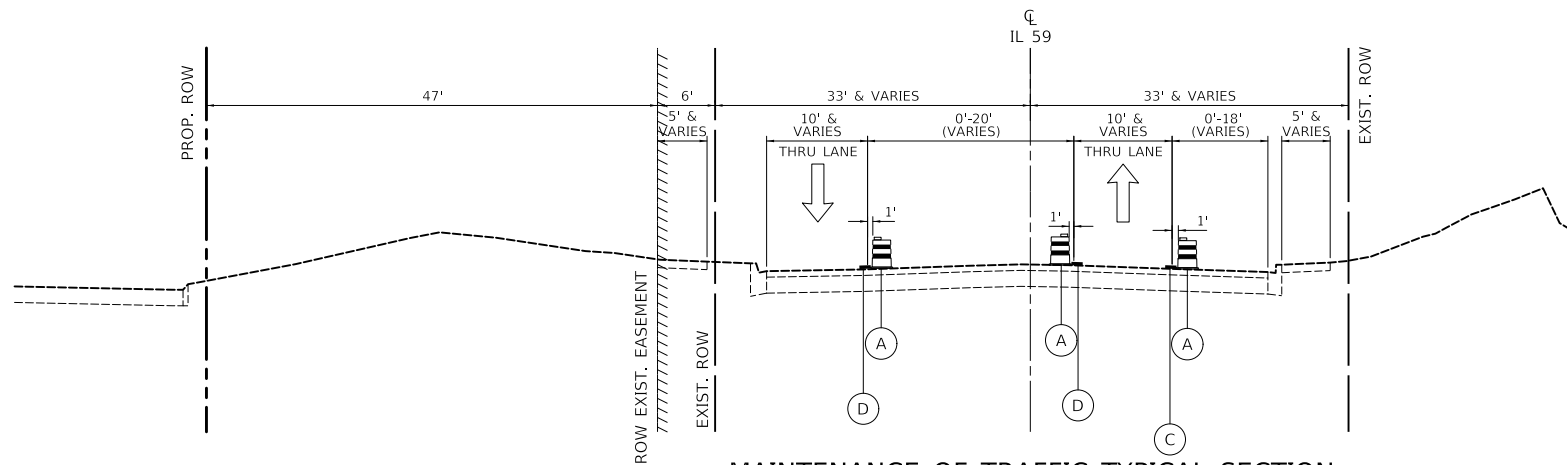
**US ROUTE 14 REGIONAL DETOUR
 MAINTENANCE OF TRAFFIC**

SCALE: 1" = 500' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-G5	LAKE	816	110
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 1
 STA 71+79.52 TO STA 75+57.41



MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 1
 STA 75+57.41 TO STA 80+48.85

- WORK ZONE
- DIRECTION OF TRAVEL
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING)
- TEMPORARY CONCRETE BARRIER WITH TYPE C REFLECTORS
- 4" WHITE EDGE LINE
- 4" YELLOW EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE EDGE LINE

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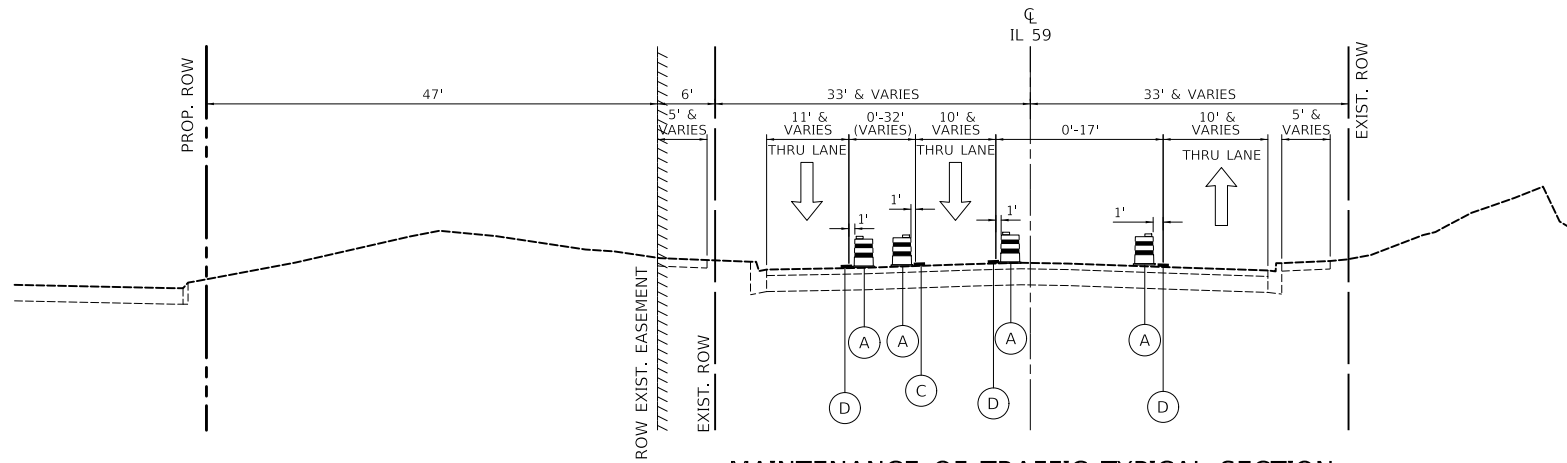
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

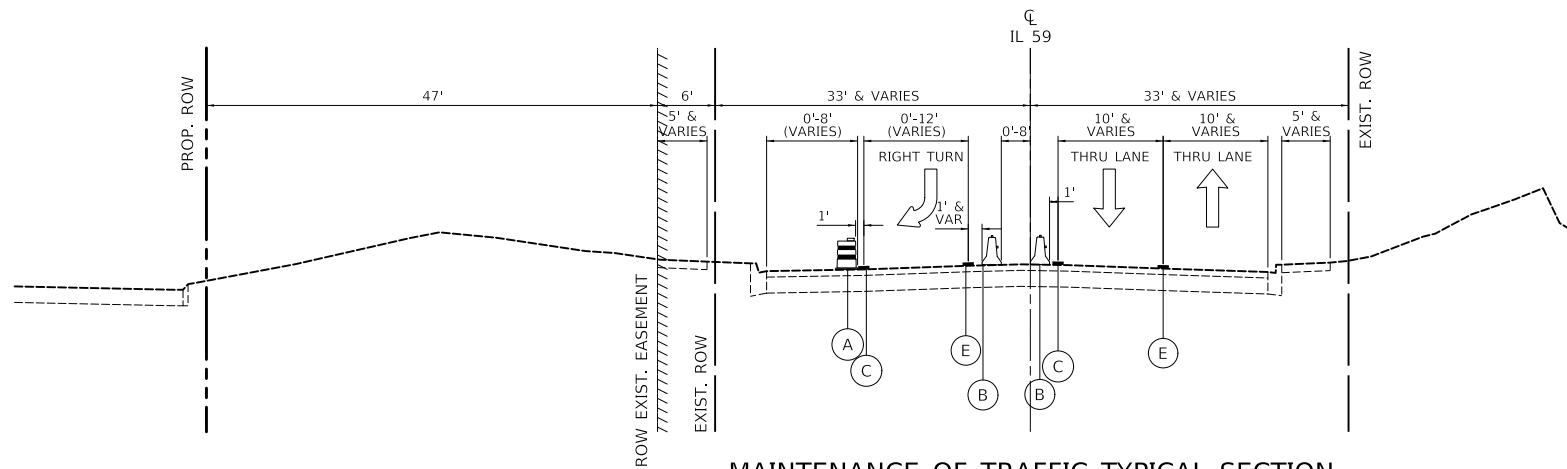
IL ROUTE 59
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	113
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 2A
 STA 66+32.80 TO STA 69+77.89



MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 2A
 STA 69+77.89 TO STA 71+24.99

- WORK ZONE
- DIRECTION OF TRAVEL
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING)
- TEMPORARY CONCRETE BARRIER WITH TYPE C REFLECTORS
- 4" WHITE EDGE LINE
- 4" YELLOW EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE EDGE LINE

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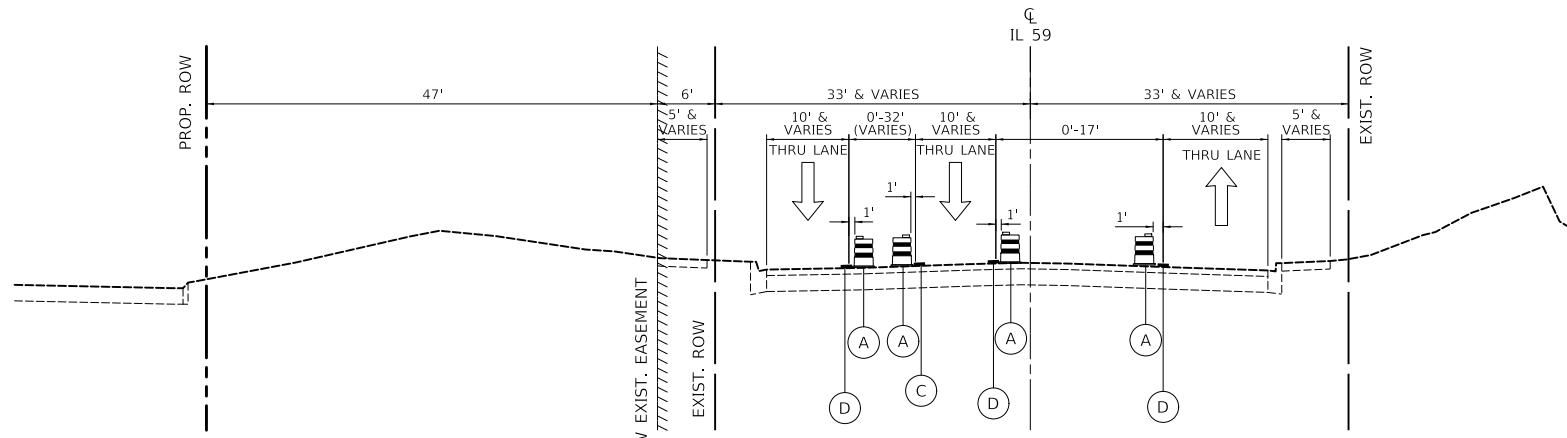
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

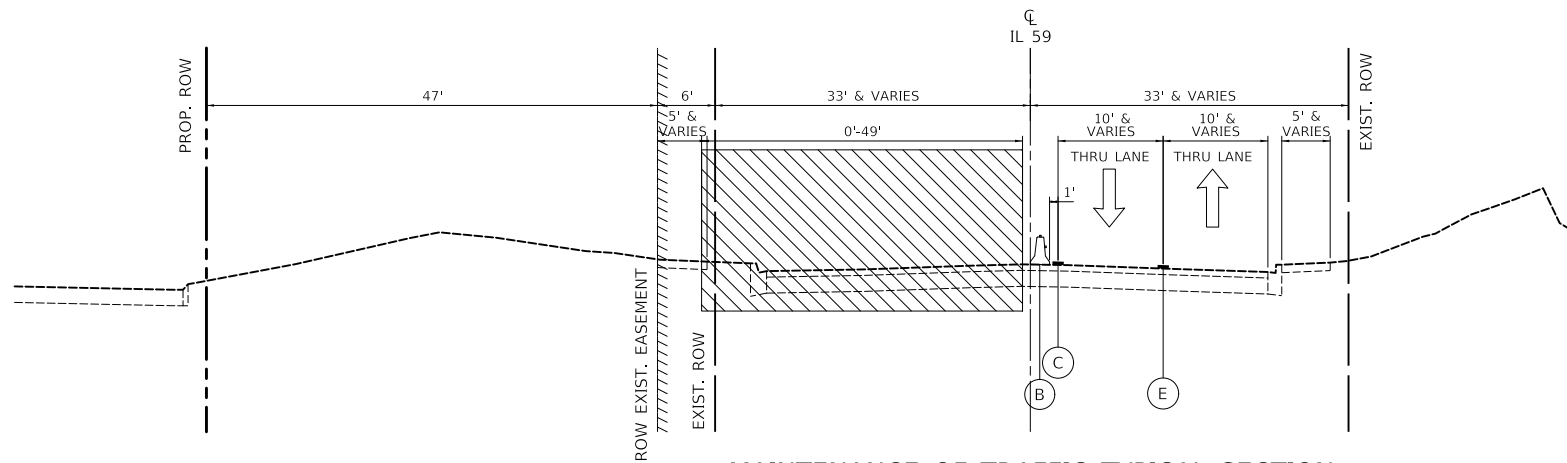
IL ROUTE 59
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.









F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	114
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 2
 STA 66+27.22 TO STA 69+77.89



MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 2
 STA 69+77.89 TO STA 71+24.99

-  WORK ZONE
-  DIRECTION OF TRAVEL
-  EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING)
-  TEMPORARY CONCRETE BARRIER WITH TYPE C REFLECTORS
-  4" WHITE EDGE LINE
-  4" YELLOW EDGE LINE
-  DOUBLE YELLOW 4" @ 11" C-C
-  6" WHITE EDGE LINE

MODEL: \\MODEL\NAME
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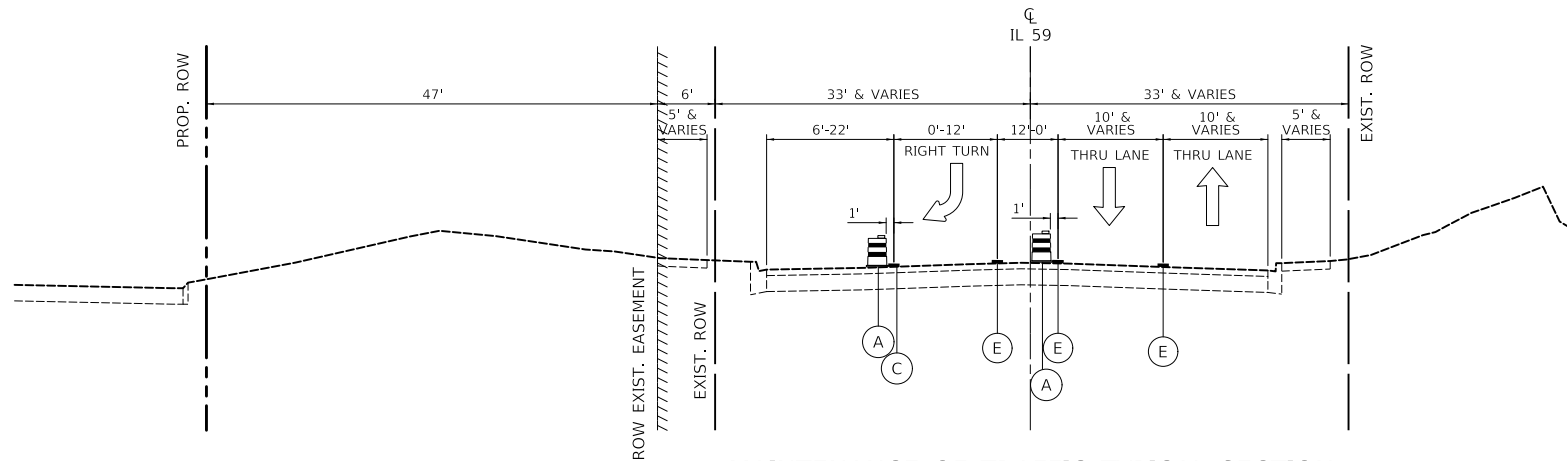
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

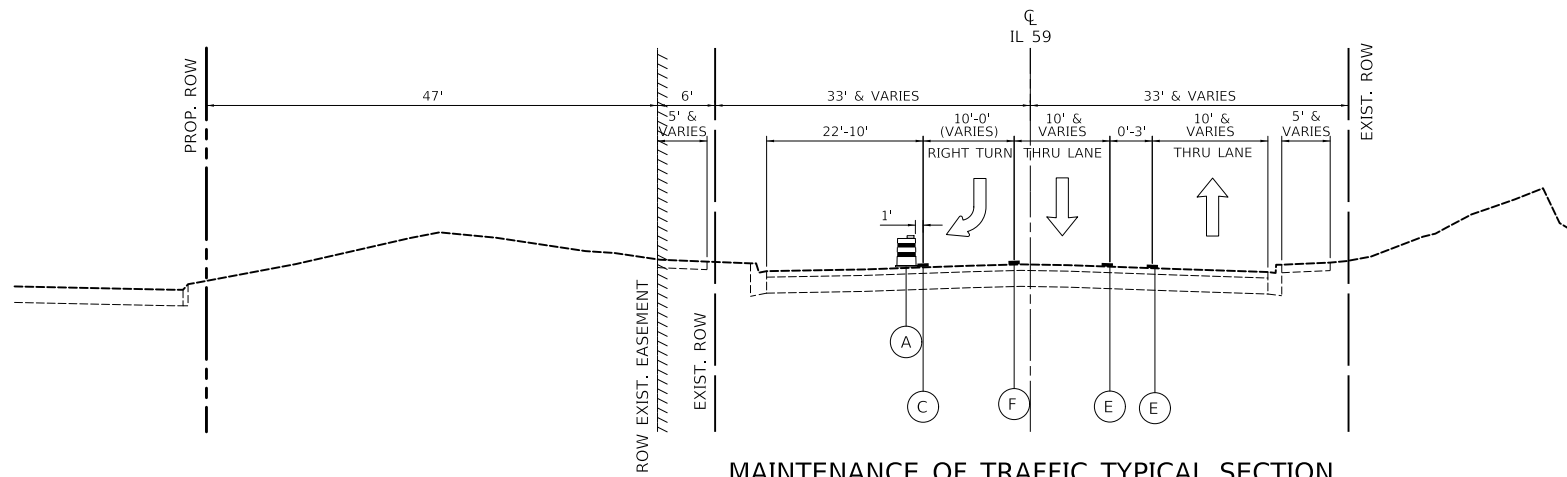
IL ROUTE 59
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	116
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 2
 STA 71+24.99 TO STA 74+00.00



MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 2
 STA 74+00.00 TO STA 79+49.60

- WORK ZONE
- DIRECTION OF TRAVEL
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING)
- TEMPORARY CONCRETE BARRIER WITH TYPE C REFLECTORS
- 4" WHITE EDGE LINE
- 4" YELLOW EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE EDGE LINE

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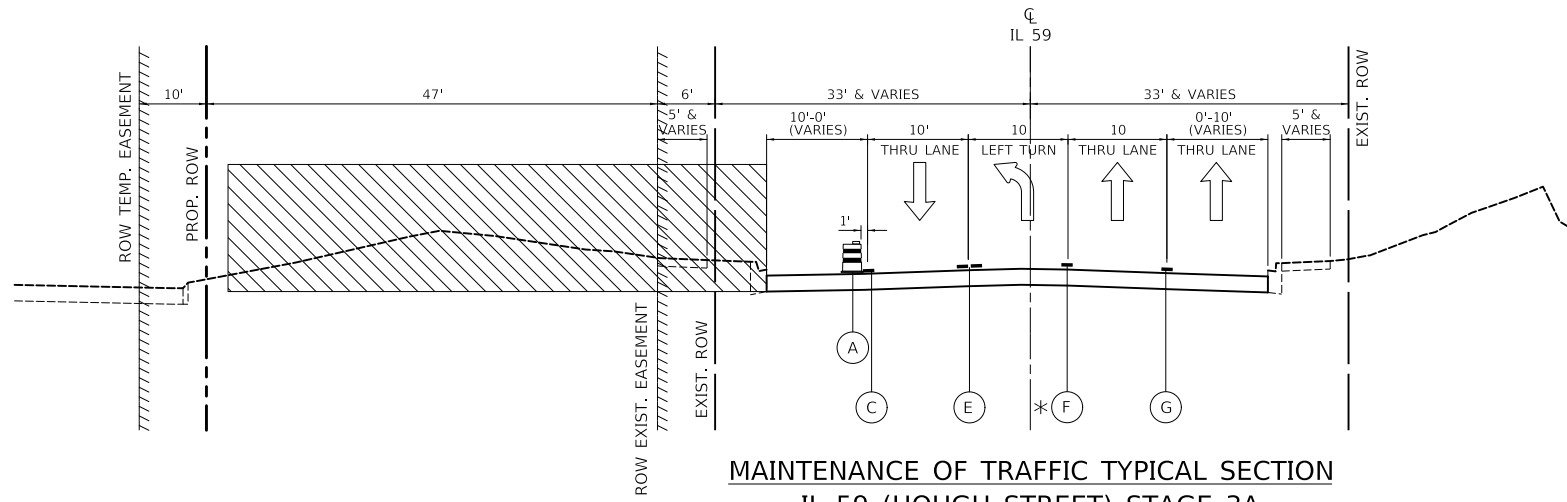
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PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

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DEPARTMENT OF TRANSPORTATION

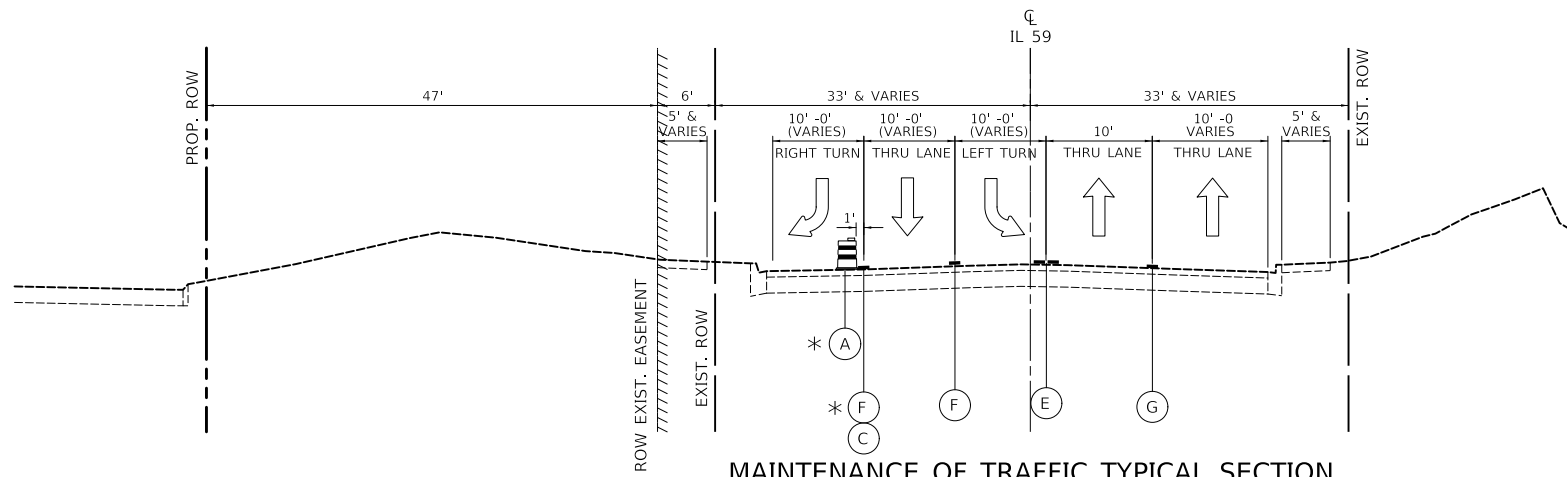
IL ROUTE 59
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	117
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 3A
 STA 66+32.80 TO STA 72+87.70
 * STA 72+27.20 TO STA 72+87.70



MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 3A
 STA 74+00.00 TO STA 79+39.18
 * STA 75+35.00 TO STA 79+39.18

- WORK ZONE
- DIRECTION OF TRAVEL
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING)
- TEMPORARY CONCRETE BARRIER WITH TYPE C REFLECTORS
- 4" WHITE EDGE LINE
- 4" YELLOW EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE EDGE LINE
- 4" WHITE SKIP- DASH (10' DASH, 30' SKIP)

MODEL: \\MODEL\NAME
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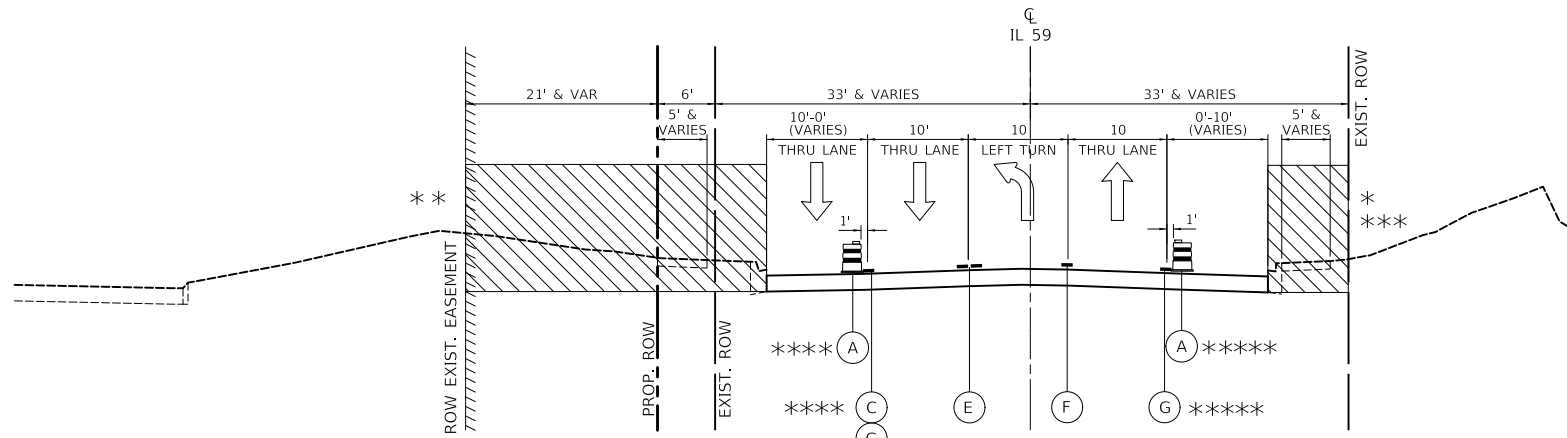
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PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS

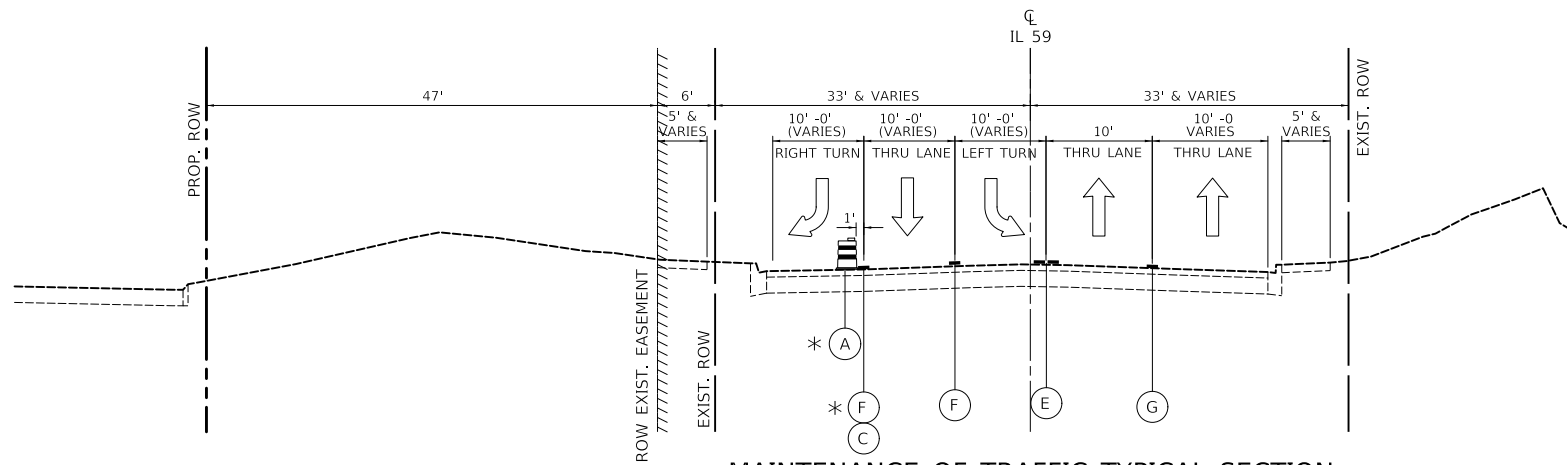
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	118
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



**MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 3**

STA 66+32.80 TO STA 72+87.70
 * STA 70+62.82 TO STA 71+55.28
 ** STA 71+00.00 TO STA 73+12.27
 *** STA 73+66.61 TO STA. 73+98.07
 **** STA 71+00.00 TO STA 73+12.27
 ***** STA 69+22.05 TO STA 73+98.07



**MAINTENANCE OF TRAFFIC TYPICAL SECTION
IL 59 (HOUGH STREET) STAGE 3**

STA 74+00.00 TO STA 79+39.18
 * STA 75+35.00 TO STA 79+39.18

- WORK ZONE
- DIRECTION OF TRAVEL
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING)
- TEMPORARY CONCRETE BARRIER WITH TYPE C REFLECTORS
- 4" WHITE EDGE LINE
- 4" YELLOW EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE EDGE LINE
- 4" WHITE SKIP- DASH (10' DASH, 30' SKIP)

MODEL: \\MODEL\NAME: FILE: \\NAME: 0310187-410-MOT Typ PC



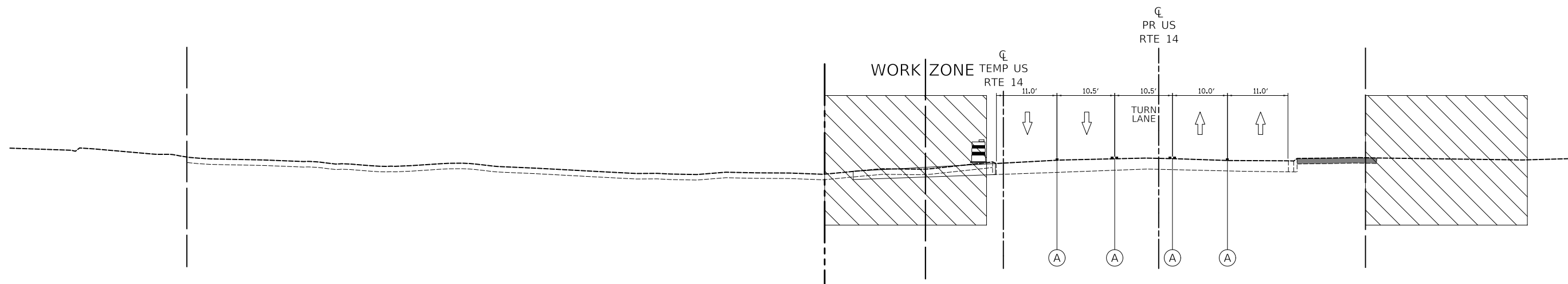
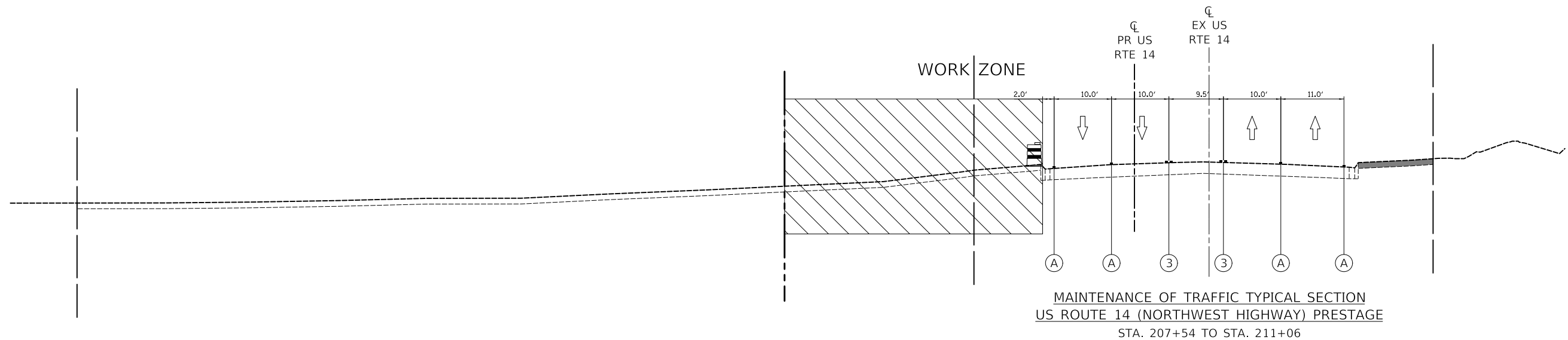
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PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 59
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	119
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



LEGEND



DRUMS



TEMPORARY CONCRETE BARRIER



DIRECTION OF TRAFFIC FLOW



TEMPORARY PAVEMENT MARKING
(TYPE SHOWN ON THE PLANS)



EXISTING PAVEMENT MARKING



4" SOLID WHITE



4" SOLID YELLOW



4" DOUBLE YELLOW



4" WHITE SKIP-DASH
(10' LINE, 30' SPACE)



6" SOLID WHITE

US ROUTE 14 – PRE-STAGE

**MAINTENANCE OF TRAFFIC TYPICAL SECTION
US ROUTE 14 (NORTHWEST HIGHWAY) PRESTAGE
STA. 202+90 TO STA. 204+63**

MODEL: \\MODELNAME
FILE: \\NAME: \\316187-411-401-04.dgn

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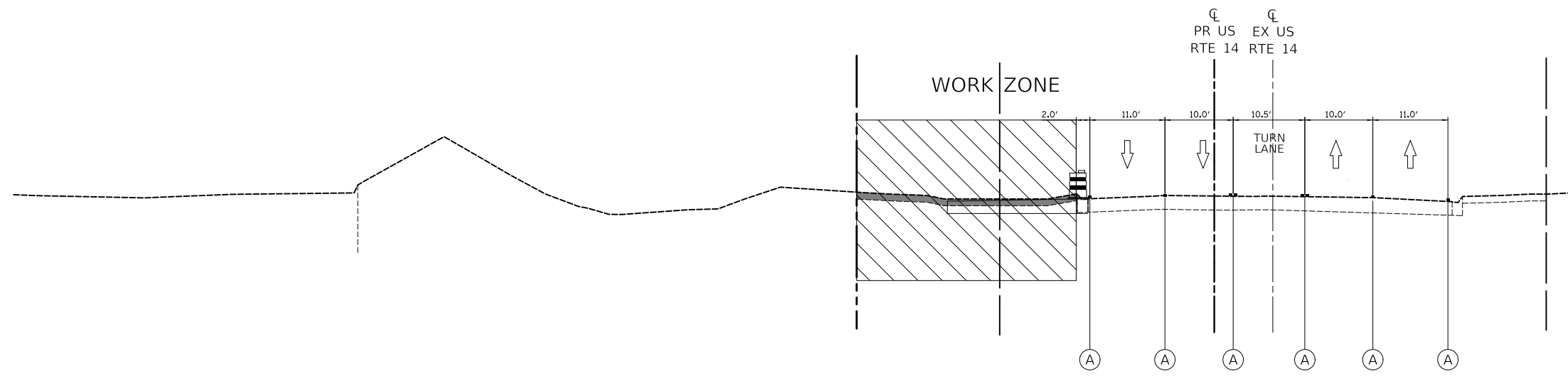
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**











**US ROUTE 14
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	120
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



LEGEND

-  DRUMS
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY PAVEMENT MARKING (TYPE SHOWN ON THE PLANS)
-  EXISTING PAVEMENT MARKING
-  4" SOLID WHITE
-  4" SOLID YELLOW
-  4" DOUBLE YELLOW
-  4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
-  6" SOLID WHITE

MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) PRESTAGE
 STA. 224+80 TO STA. 226+30

US ROUTE 14 – PRE-STAGE

MODEL: 1100DELNAME
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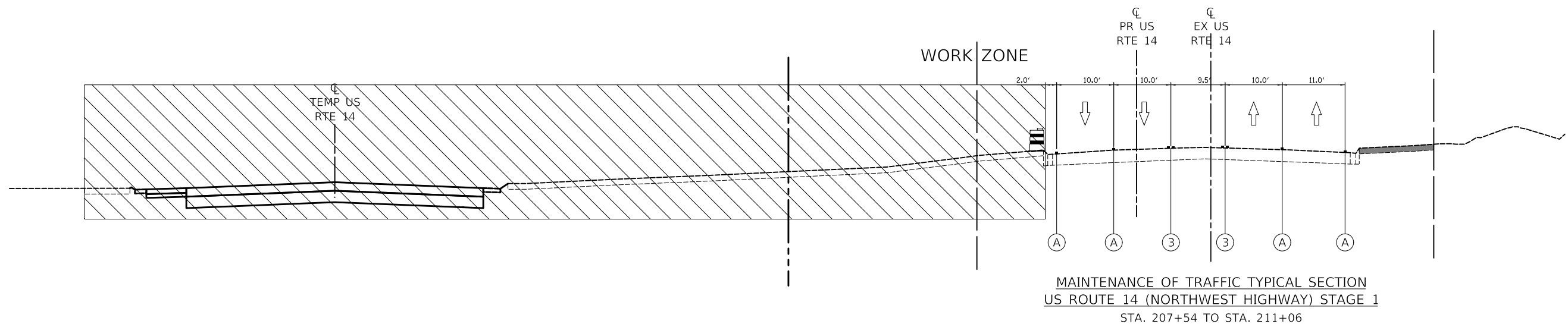
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PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

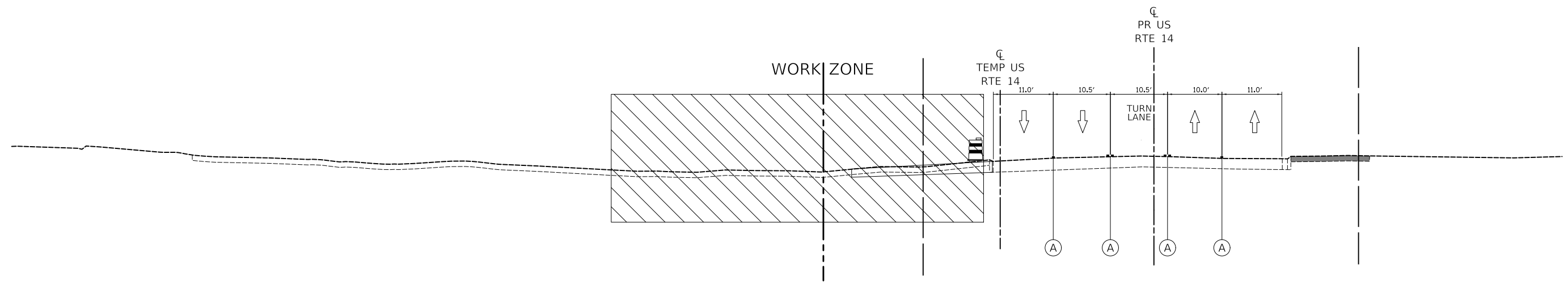
US ROUTE 14
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	121
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				













MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 1
 STA. 207+54 TO STA. 211+06



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 1
 STA. 202+90 TO STA. 204+63

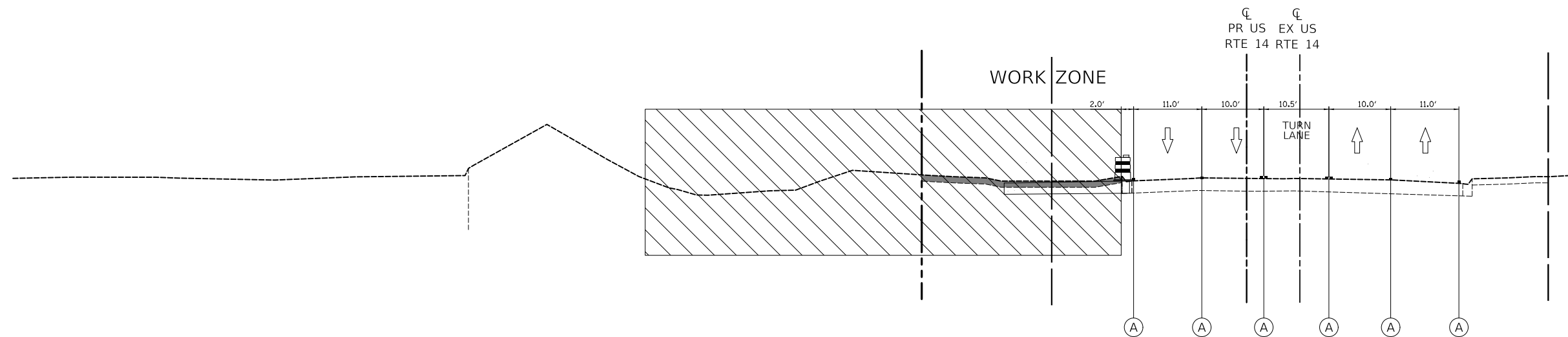
LEGEND

-  DRUMS
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY PAVEMENT MARKING (TYPE SHOWN ON THE PLANS)
-  EXISTING PAVEMENT MARKING
-  4" SOLID WHITE
-  4" SOLID YELLOW
-  4" DOUBLE YELLOW
-  4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
-  6" SOLID WHITE











US ROUTE 14 – STAGE 1

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	SCALE: SHEET OF SHEETS STA. TO STA.								



LEGEND

-  DRUMS
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY PAVEMENT MARKING (TYPE SHOWN ON THE PLANS)
-  EXISTING PAVEMENT MARKING
-  4" SOLID WHITE
-  4" SOLID YELLOW
-  4" DOUBLE YELLOW
-  4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
-  6" SOLID WHITE

MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 1
 STA. 224+80 TO STA. 226+30

US ROUTE 14 – STAGE 1

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
 SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS**

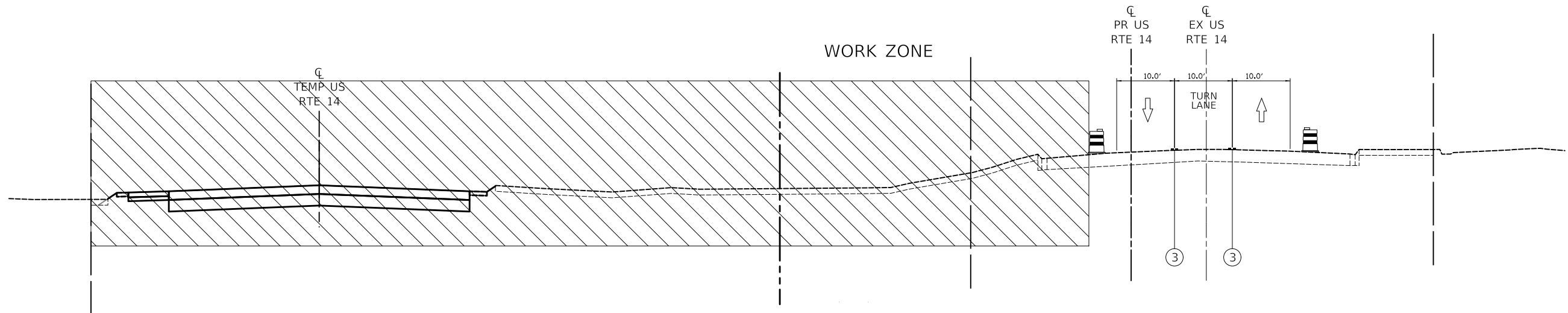
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

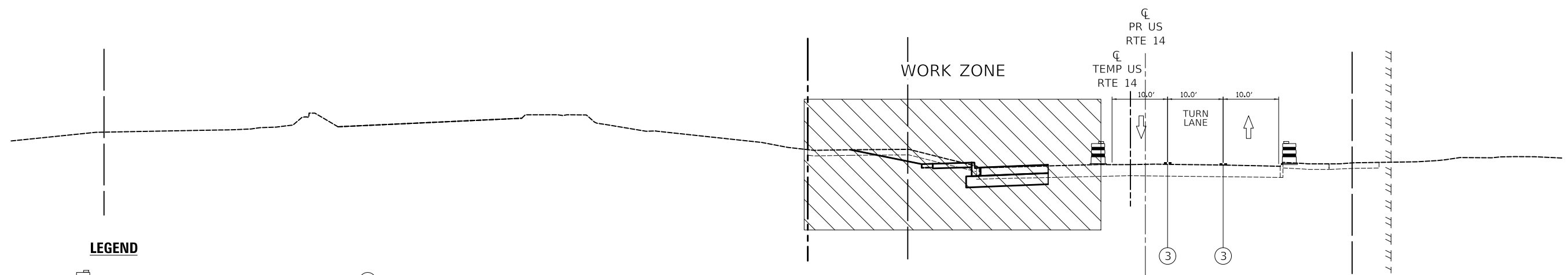
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PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 1A
 STA. 206+00 TO STA. 220+00



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 1A
 STA. 200+00 TO STA. 204+50

US ROUTE 14 - STAGE 1A

LEGEND

- DRUMS
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC FLOW
- TEMPORARY PAVEMENT MARKING (TYPE SHOWN ON THE PLANS)
- EXISTING PAVEMENT MARKING
- 4" SOLID WHITE
- 4" SOLID YELLOW
- 4" DOUBLE YELLOW
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 6" SOLID WHITE

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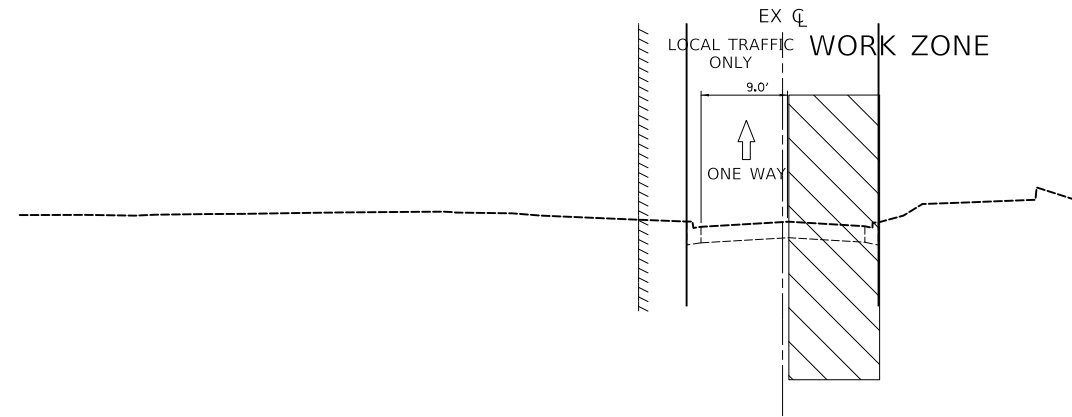
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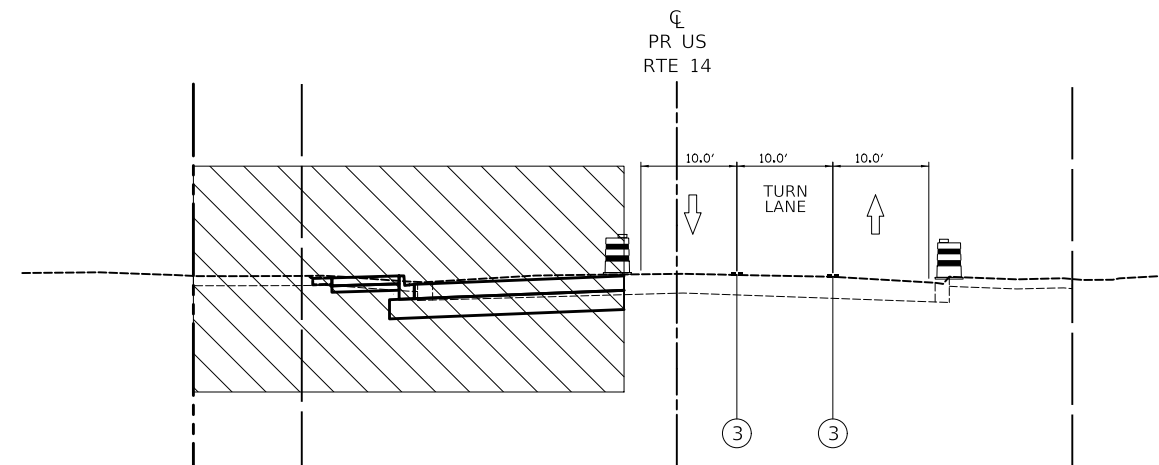
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 14			
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	124
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 PARK LANE STAGE 1A
 STA 400+00 TO STA 406+01.5



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 1A
 STA. 220+00 TO STA. 230+00

US ROUTE 14 – STAGE 1A

LEGEND



DRUMS



TEMPORARY CONCRETE BARRIER



DIRECTION OF TRAFFIC FLOW



TEMPORARY PAVEMENT MARKING
 (TYPE SHOWN ON THE PLANS)

Ⓐ EXISTING PAVEMENT MARKING

① 4" SOLID WHITE

② 4" SOLID YELLOW

③ 4" DOUBLE YELLOW

④ 4" WHITE SKIP-DASH
 (10' LINE, 30' SPACE)

⑤ 6" SOLID WHITE

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
 SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS**

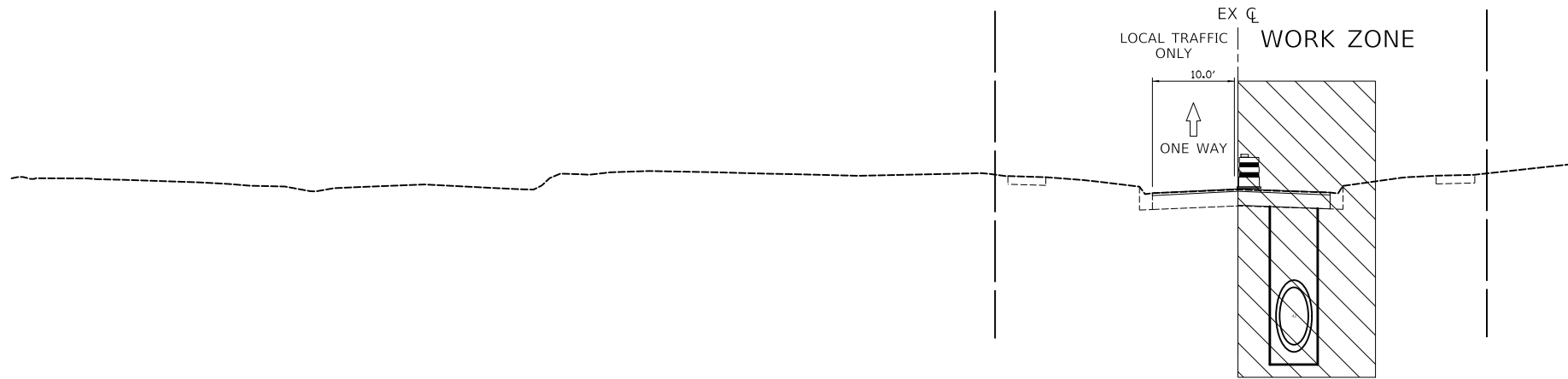
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CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

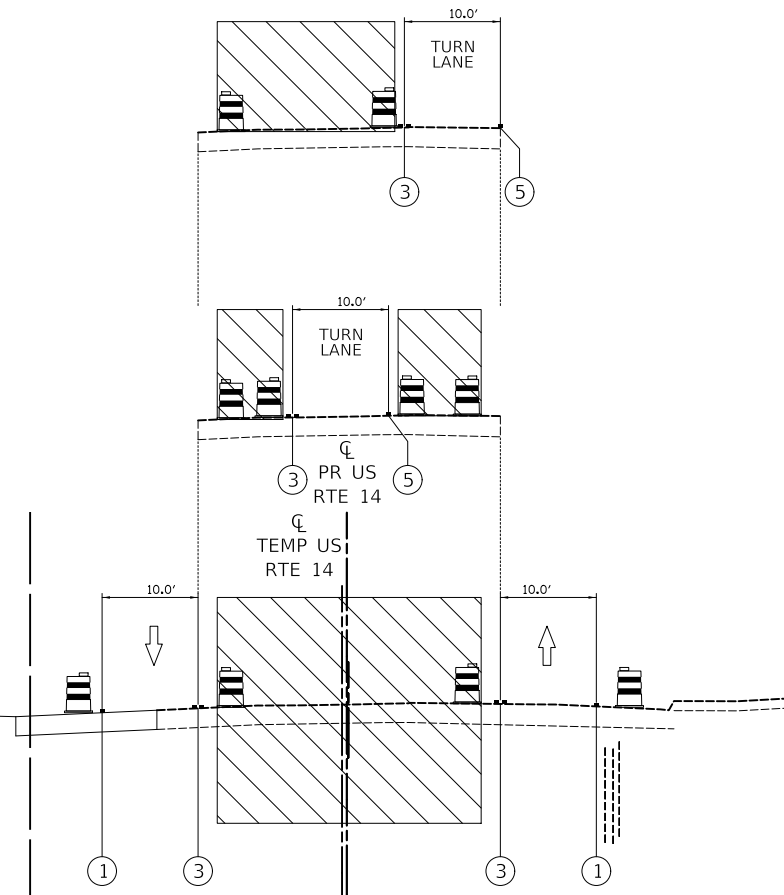
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	DRAWN - PML	REVISED -
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PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -













MAINTENANCE OF TRAFFIC TYPICAL SECTION
NORTH AVE - DRURY LN STAGE 1B
 NORTH AVE STA. 600+60 TO STA. 604+20
 DRURY LN STA. 700+00 TO STA. 707+00



MAINTENANCE OF TRAFFIC TYPICAL SECTION
US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 1B
 STA. 225+00 TO STA. 230+00

US ROUTE 14 - STAGE 1B

LEGEND

-  DRUMS
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY PAVEMENT MARKING (TYPE SHOWN ON THE PLANS)
-  EXISTING PAVEMENT MARKING
-  4" SOLID WHITE
-  4" SOLID YELLOW
-  4" DOUBLE YELLOW
-  4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
-  6" SOLID WHITE

MODEL: \\MODELNAME
FILE: \\NAME - 0310187-410-407-04.dgn

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PLOT SCALE = 20.0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 14			
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	127
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

LEGEND



DRUMS



TEMPORARY CONCRETE BARRIER



DIRECTION OF TRAFFIC FLOW



TEMPORARY PAVEMENT MARKING
(TYPE SHOWN ON THE PLANS)



EXISTING PAVEMENT MARKING



4" SOLID WHITE



4" SOLID YELLOW



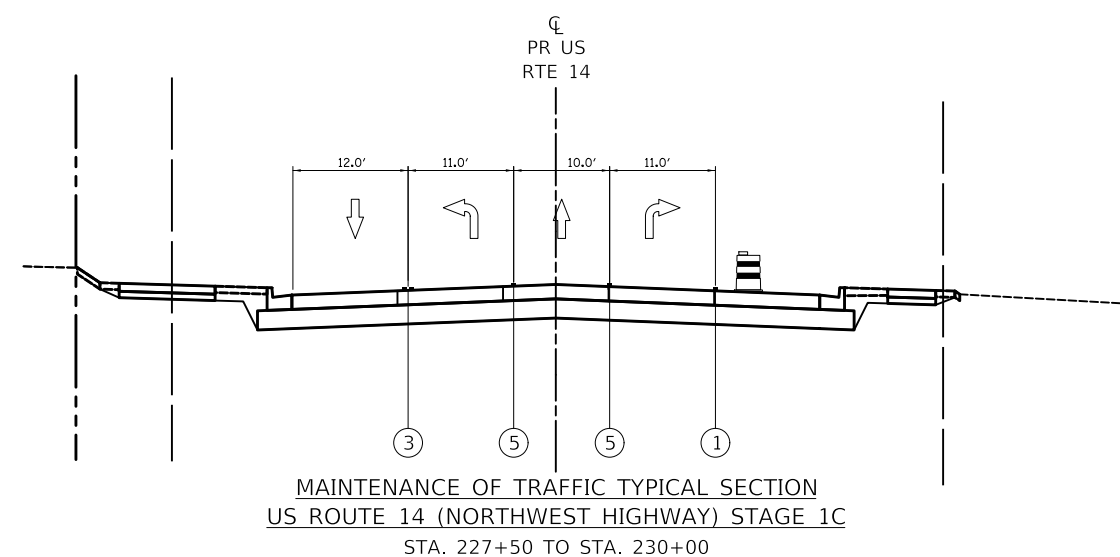
4" DOUBLE YELLOW



4" WHITE SKIP-DASH
(10' LINE, 30' SPACE)



6" SOLID WHITE



US ROUTE 14 – STAGE 1C

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS**

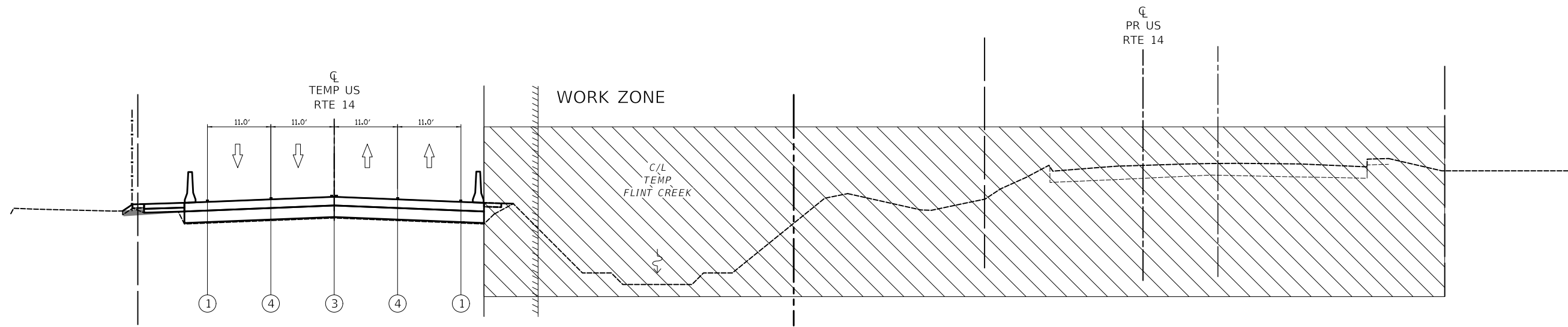
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	128
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

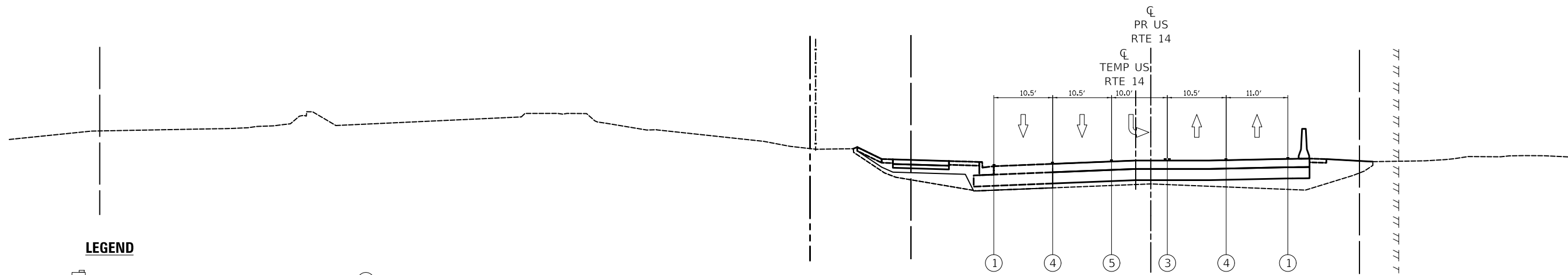
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FILE NAME: \\310187-410-04.dgn

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Two Pierce Place, Suite 1400
Itasca, Illinois 60143
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Fax: 630.773.3975
www.civiltech.com

USER NAME = mic	DESIGNED - PML	REVISED -
	DRAWN - PML	REVISED -
PLOT SCALE = 20.0000 ' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -













MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2005+00 TO STA. 2025+00



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2000+00 TO STA. 2003+00

LEGEND

-  DRUMS
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY PAVEMENT MARKING (TYPE SHOWN ON THE PLANS)
-  EXISTING PAVEMENT MARKING
-  4" SOLID WHITE
-  4" SOLID YELLOW
-  4" DOUBLE YELLOW
-  4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
-  6" SOLID WHITE

US ROUTE 14 – STAGE 2

MODEL: \\MODELNAME
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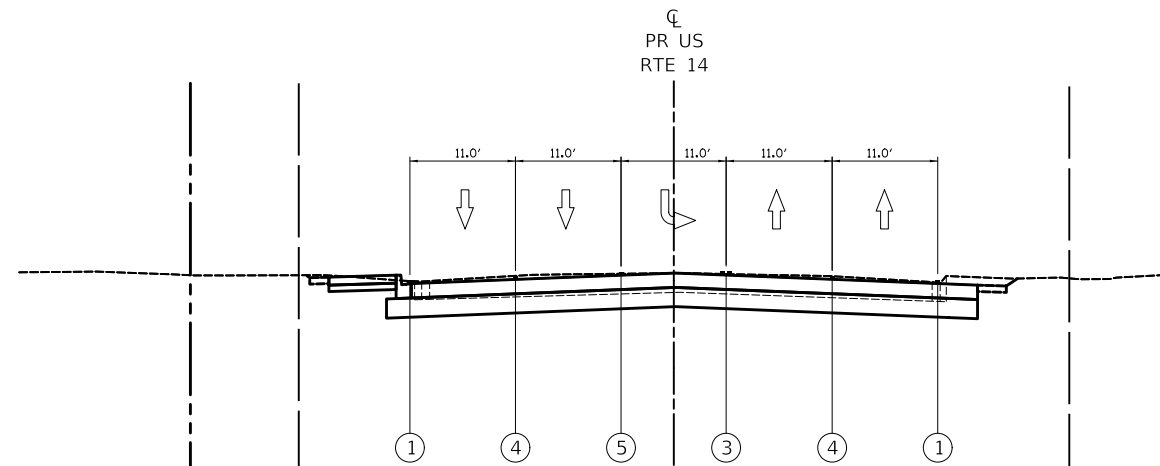

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USER NAME = mic	DESIGNED - PML	REVISED -
PLOT SCALE = 20.0000" / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

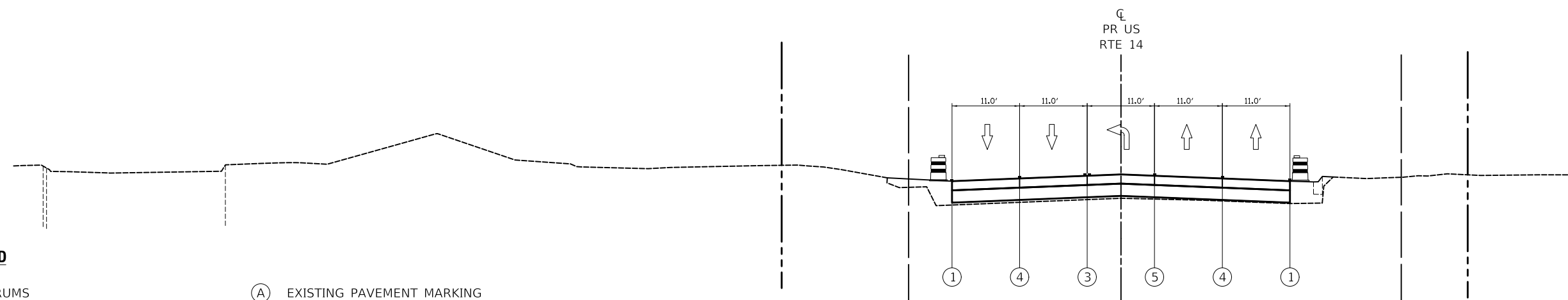
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 14			
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	129
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2027+00 TO STA. 2028+37



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2025+00 TO STA. 2027+00

US ROUTE 14 – STAGE 2

LEGEND



DRUMS



TEMPORARY CONCRETE BARRIER



DIRECTION OF TRAFFIC FLOW



TEMPORARY PAVEMENT MARKING
 (TYPE SHOWN ON THE PLANS)

Ⓐ EXISTING PAVEMENT MARKING

① 4" SOLID WHITE

② 4" SOLID YELLOW

③ 4" DOUBLE YELLOW

④ 4" WHITE SKIP-DASH
 (10' LINE, 30' SPACE)

⑤ 6" SOLID WHITE

MODEL: \\MODELNAME
 FILE NAME: \\316187-410-401.dgn

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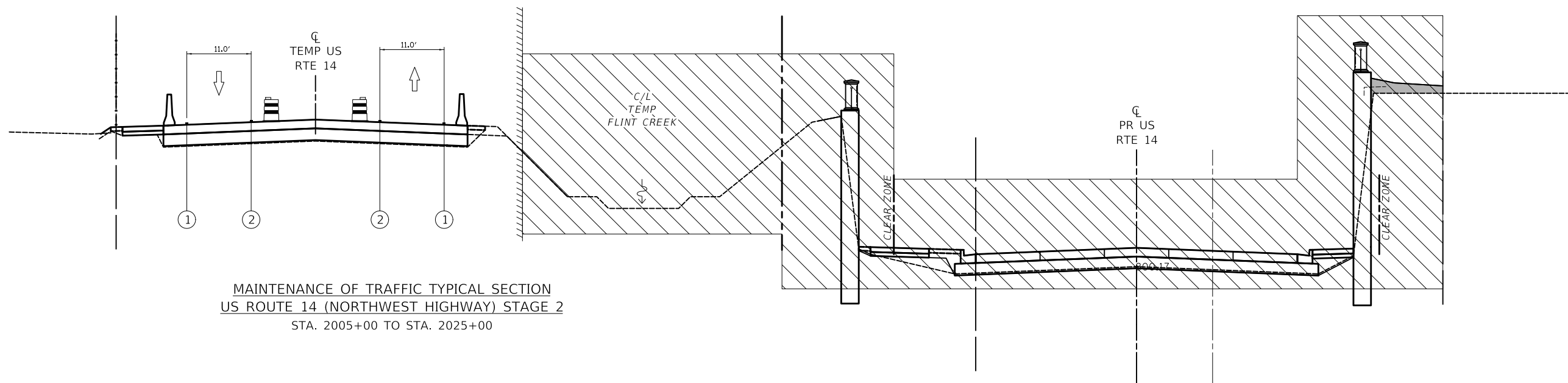
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	DRAWN - PML	REVISED -
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PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

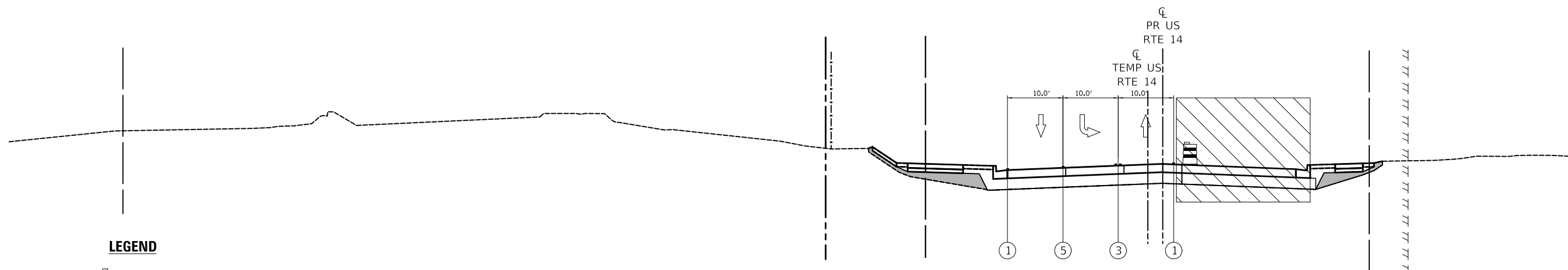
**US ROUTE 14
 SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	130
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				













MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2005+00 TO STA. 2025+00



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2000+00 TO STA. 2003+00

LEGEND

-  DRUMS
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY PAVEMENT MARKING (TYPE SHOWN ON THE PLANS)
-  EXISTING PAVEMENT MARKING
-  4" SOLID WHITE
-  4" SOLID YELLOW
-  4" DOUBLE YELLOW
-  4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
-  6" SOLID WHITE

US ROUTE 14 - STAGE 2A

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US ROUTE 14
 SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS

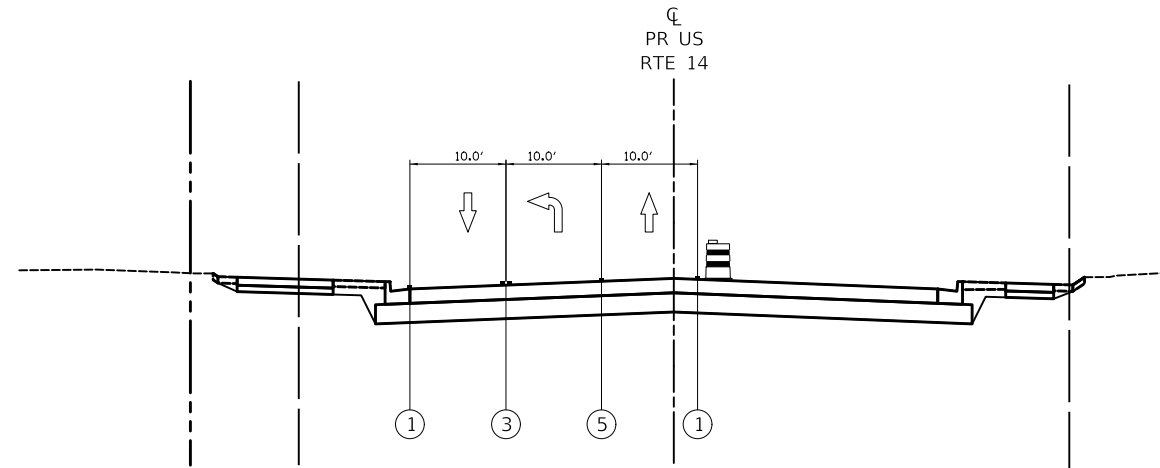
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	131
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

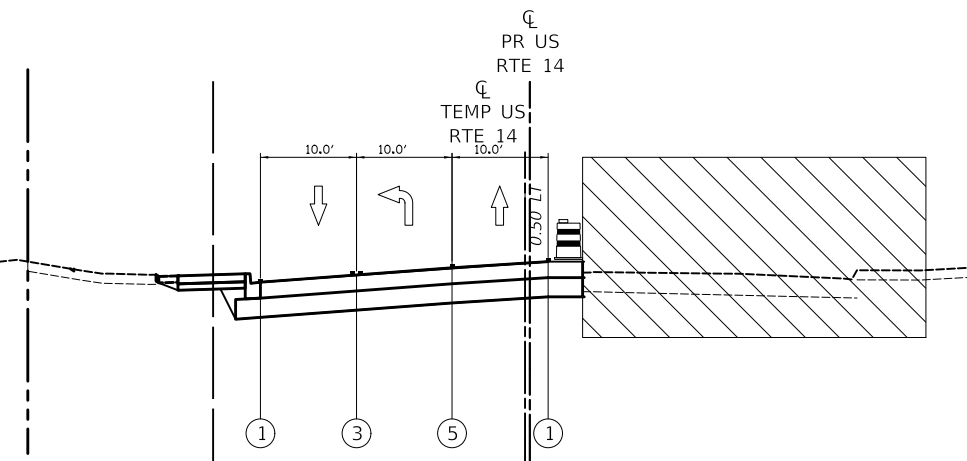
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PLOT SCALE = 20.0000" / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2027+00 TO STA. 2028+37



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2025+00 TO STA. 2027+00

US ROUTE 14 - STAGE 2A

LEGEND



DRUMS



TEMPORARY CONCRETE BARRIER



DIRECTION OF TRAFFIC FLOW



TEMPORARY PAVEMENT MARKING
 (TYPE SHOWN ON THE PLANS)

(A) EXISTING PAVEMENT MARKING

(1) 4" SOLID WHITE

(2) 4" SOLID YELLOW

(3) 4" DOUBLE YELLOW

(4) 4" WHITE SKIP-DASH
 (10' LINE, 30' SPACE)

(5) 6" SOLID WHITE

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
 SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS**

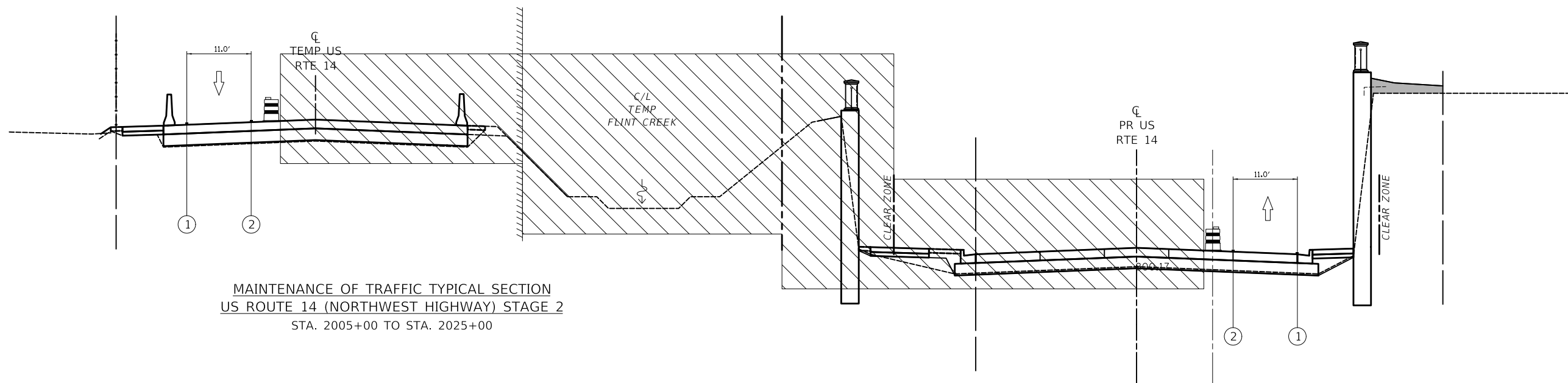
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	132
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

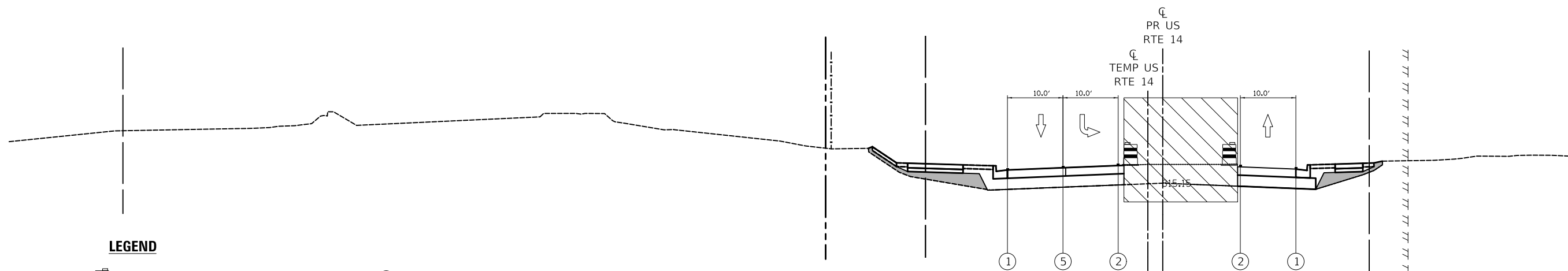
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	DRAWN - PML	REVISED -
PLOT SCALE = 20.0000" / in.	CHECKED - DNM	REVISED -
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2005+00 TO STA. 2025+00



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2000+00 TO STA. 2003+00

LEGEND



DRUMS



TEMPORARY CONCRETE BARRIER



DIRECTION OF TRAFFIC FLOW



TEMPORARY PAVEMENT MARKING
 (TYPE SHOWN ON THE PLANS)

(A) EXISTING PAVEMENT MARKING

(1) 4" SOLID WHITE

(2) 4" SOLID YELLOW

(3) 4" DOUBLE YELLOW

(4) 4" WHITE SKIP-DASH
 (10' LINE, 30' SPACE)

(5) 6" SOLID WHITE

US ROUTE 14 - STAGE 2B

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US ROUTE 14
 SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

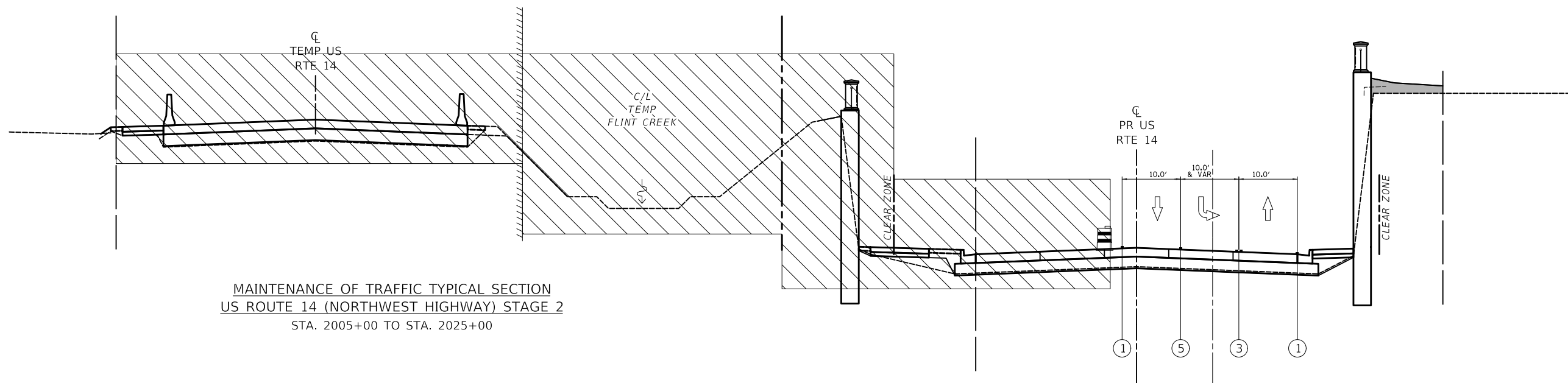
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	133
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

MODEL: \\MODELNAME
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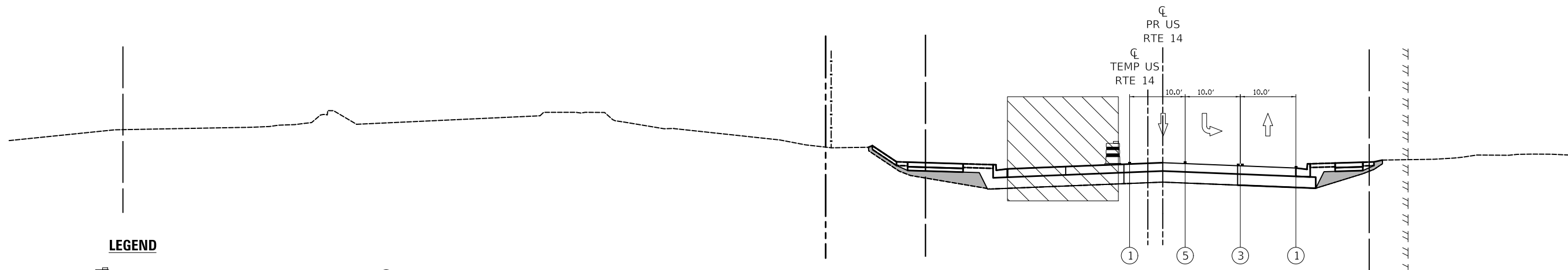
Two Pierce Place, Suite 1400
 Itasca, Illinois 60143
 Tel: 630.773.3900
 Fax: 630.773.3975
 www.civiltech.com

USER NAME	DESIGNED	REVISIONS
=mic	- PML	REVIS -
	DRAWN - PML	REVIS -
	CHECKED - DNM	REVIS -
	DATE - 08/28/2024	REVIS -

PLOT SCALE = 20.0000" / in.
 PLOT DATE = 8/27/2024













MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2005+00 TO STA. 2025+00



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2000+00 TO STA. 2003+00

LEGEND

-  DRUMS
-  TEMPORARY CONCRETE BARRIER
-  DIRECTION OF TRAFFIC FLOW
-  TEMPORARY PAVEMENT MARKING (TYPE SHOWN ON THE PLANS)
-  EXISTING PAVEMENT MARKING
-  4" SOLID WHITE
-  4" SOLID YELLOW
-  4" DOUBLE YELLOW
-  4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
-  6" SOLID WHITE

US ROUTE 14 – STAGE 2C

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US ROUTE 14
 SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS

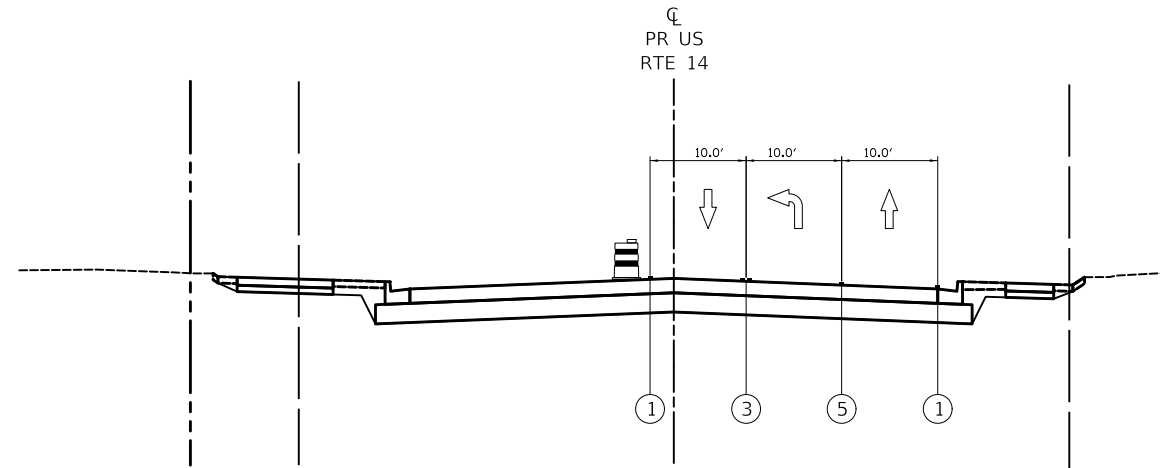
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	135
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

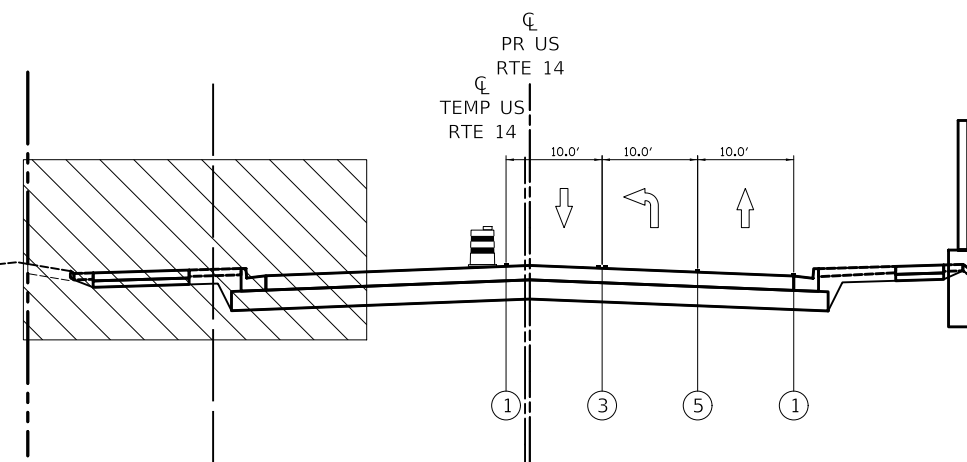
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USER NAME = mic	DESIGNED - PML	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2027+00 TO STA. 2028+37



MAINTENANCE OF TRAFFIC TYPICAL SECTION
 US ROUTE 14 (NORTHWEST HIGHWAY) STAGE 2
 STA. 2025+00 TO STA. 2027+00

US ROUTE 14 – STAGE 2C

LEGEND



DRUMS



TEMPORARY CONCRETE BARRIER



DIRECTION OF TRAFFIC FLOW



TEMPORARY PAVEMENT MARKING
 (TYPE SHOWN ON THE PLANS)



EXISTING PAVEMENT MARKING



4" SOLID WHITE



4" SOLID YELLOW



4" DOUBLE YELLOW



4" WHITE SKIP-DASH
 (10' LINE, 30' SPACE)



6" SOLID WHITE

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 FILE: \\NAME - 0310187-210-202-04.dgn

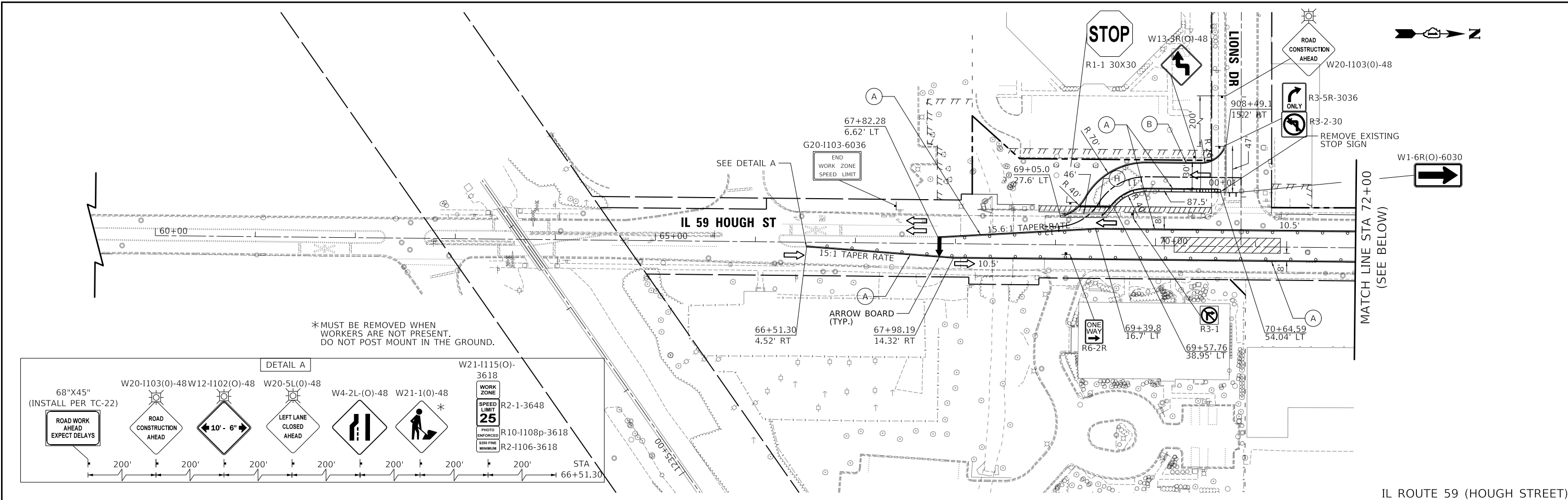
CIVILTECH
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 Itasca, Illinois 60143
 Tel: 630.773.3900
 Fax: 630.773.3975
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USER NAME = mic	DESIGNED - PML	REVISED -
	DRAWN - PML	REVISED -
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PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

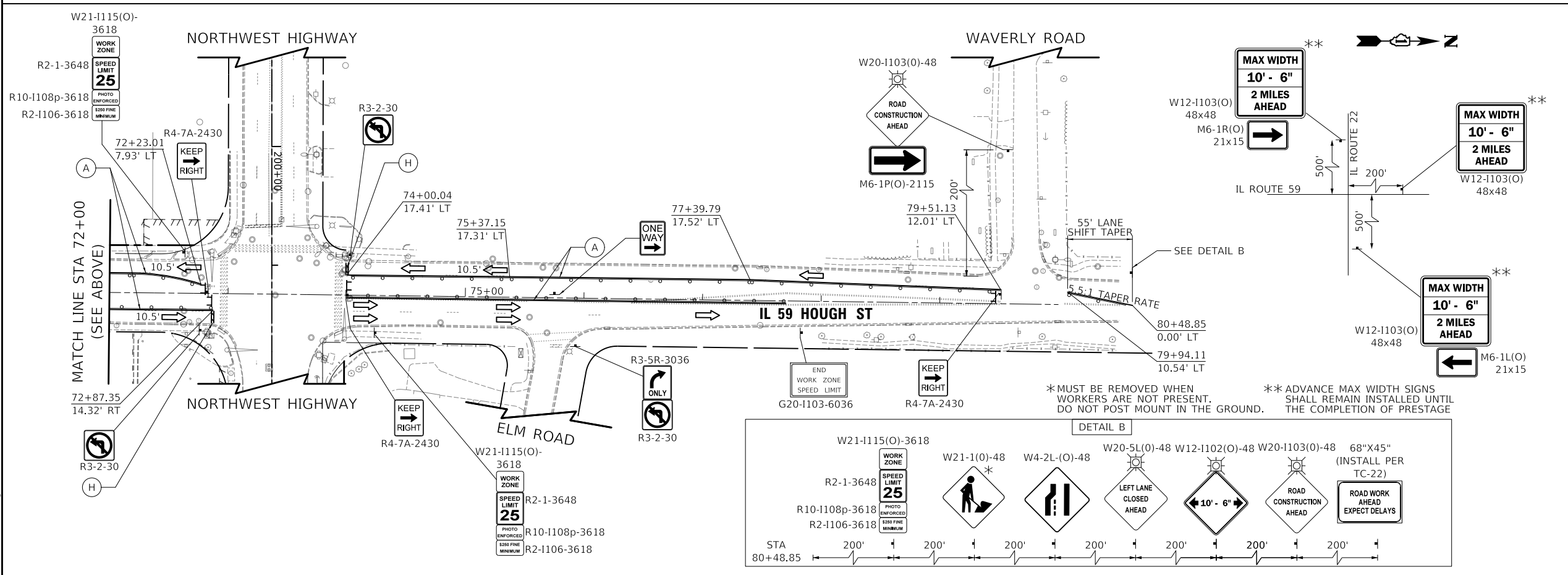
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

US ROUTE 14			
SUGGESTED TRAFFIC CONTROL TYPICAL SECTIONS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

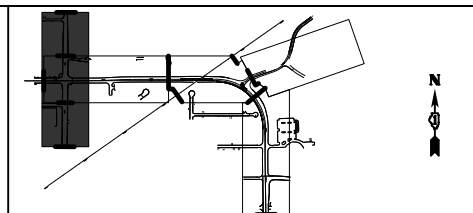
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	136
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



IL ROUTE 59 (HOUGH STREET)



IL ROUTE 59 (HOUGH STREET)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30' C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

MODEL: S:\MODEL\NAME
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USER NAME = mc	DESIGNED - GS	REVISED -
	DRAWN - GS	REVISED -
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PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

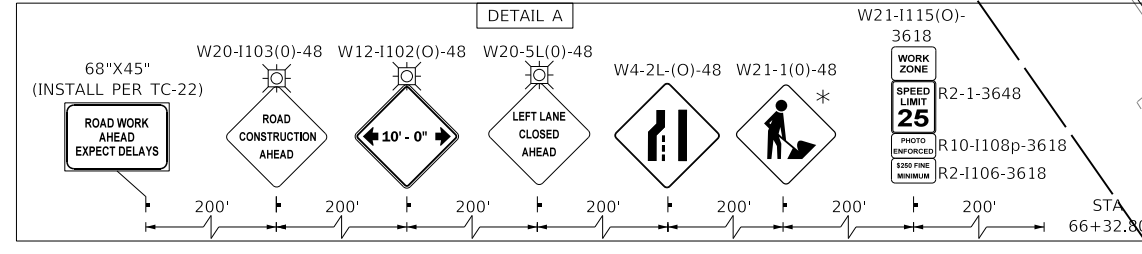
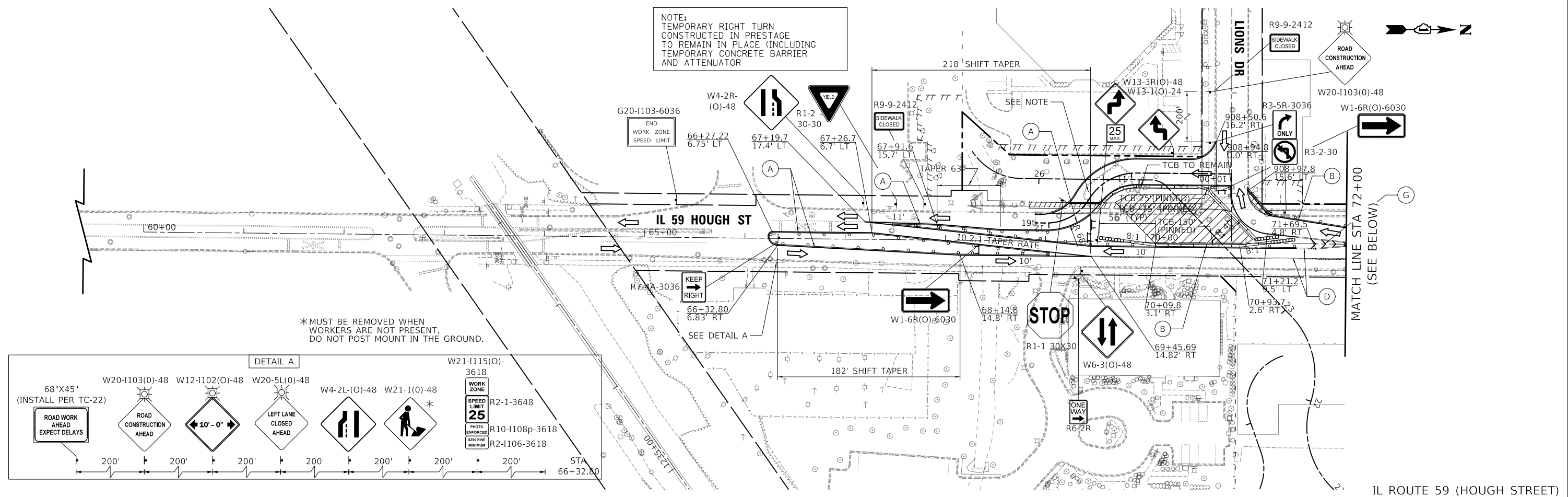
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59 - PRESTAGE
SUGGESTED TRAFFIC CONTROL

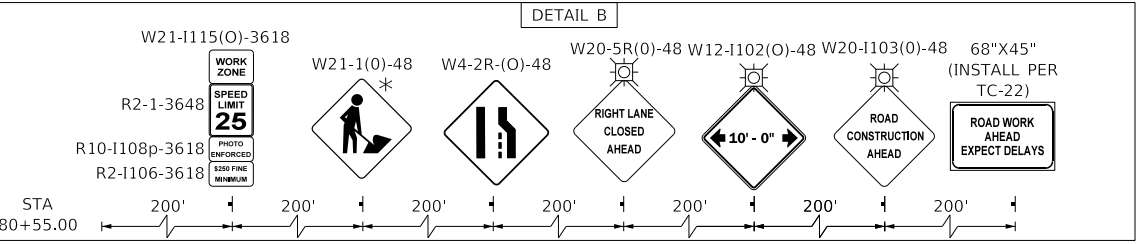
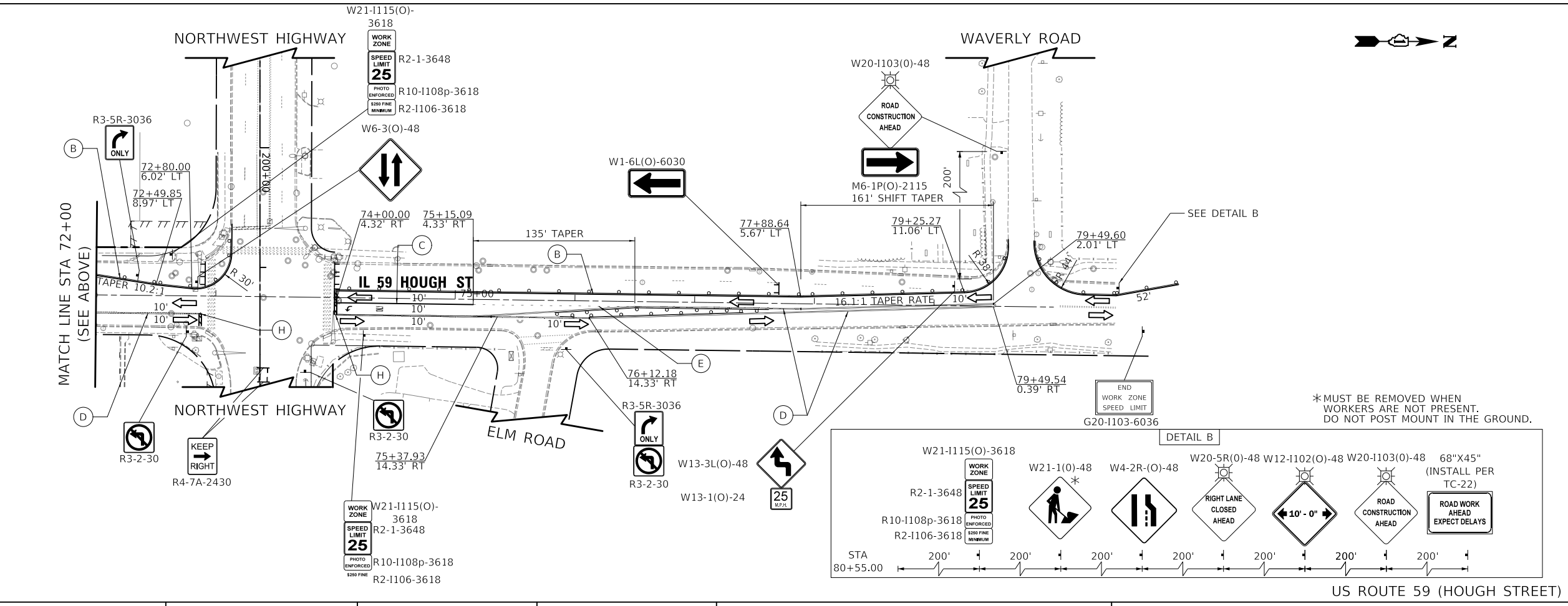
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	11-00087-00-GS	LAKE	816	138
CONTRACT NO. 61J87				
ILLINOIS / FED. AID PROJECT				

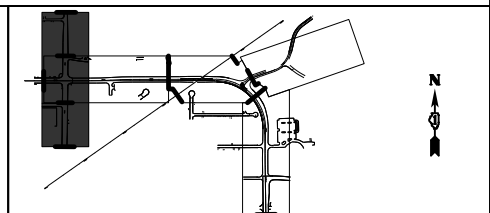
NOTE:
TEMPORARY RIGHT TURN
CONSTRUCTED IN PRESTAGE
TO REMAIN IN PLACE (INCLUDING
TEMPORARY CONCRETE BARRIER
AND ATTENUATOR



IL ROUTE 59 (HOUGH STREET)



US ROUTE 59 (HOUGH STREET)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30' C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE



USER NAME = mc	DESIGNED - GS	REVISED -
	DRAWN - GS	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - CP	REVISED -
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

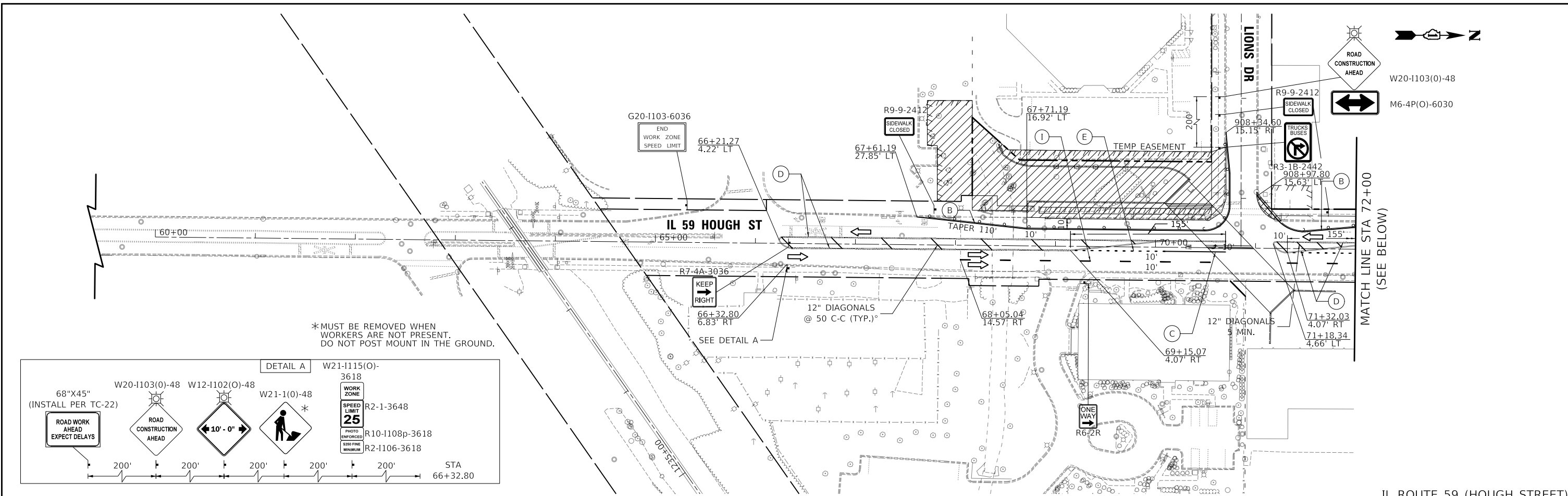
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59 - STAGE 2
SUGGESTED TRAFFIC CONTROL

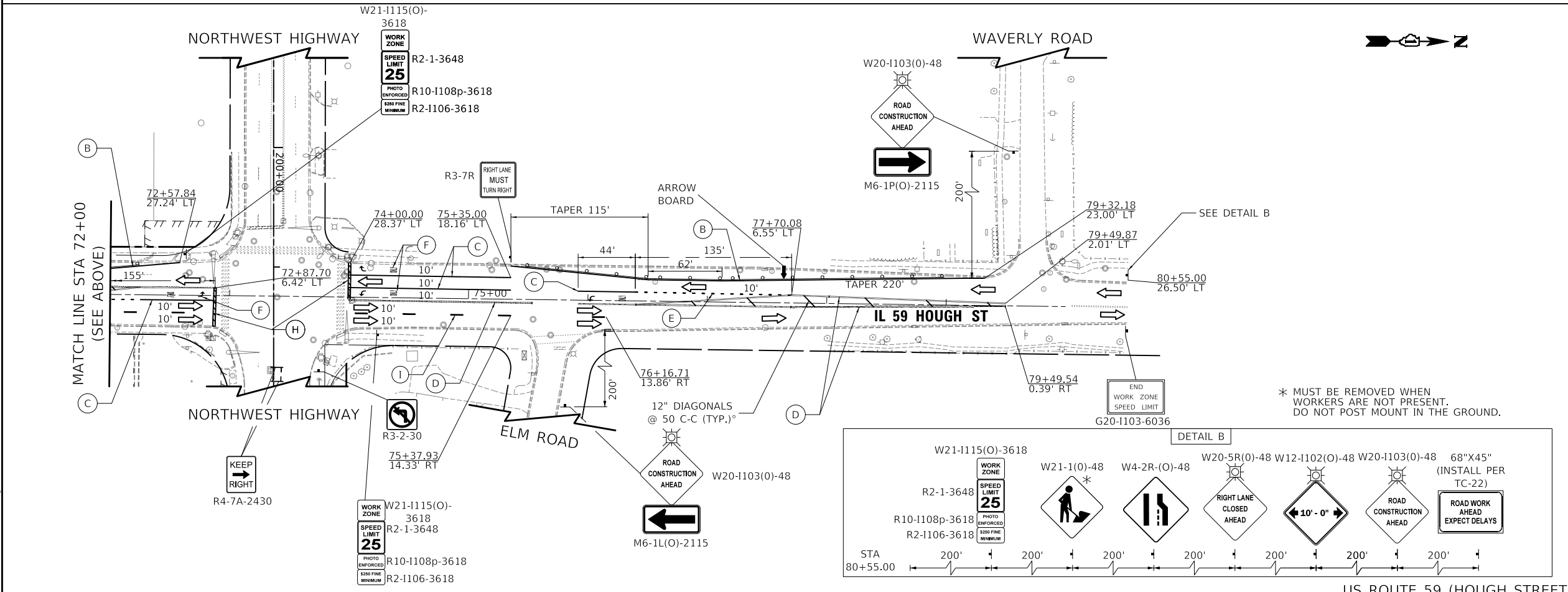
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	11-00087-00-GS	LAKE	816	141
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

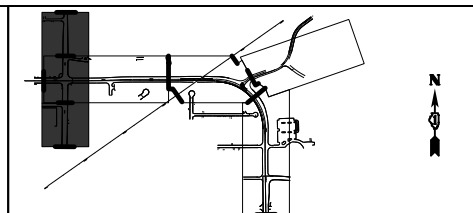
MODEL NAME: ... WORKING: ...



IL ROUTE 59 (HOUGH STREET)



US ROUTE 59 (HOUGH STREET)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
-
-
-
-
-
- WHITE LETTERS & SYMBOLS
-
-
-
-
-
- PLACED IN PREVIOUS STAGE

MODEL: \\MODEL\NAME: FILE: \\NAME: ...WORKING-INT-59-0407-53-2-01.dwg



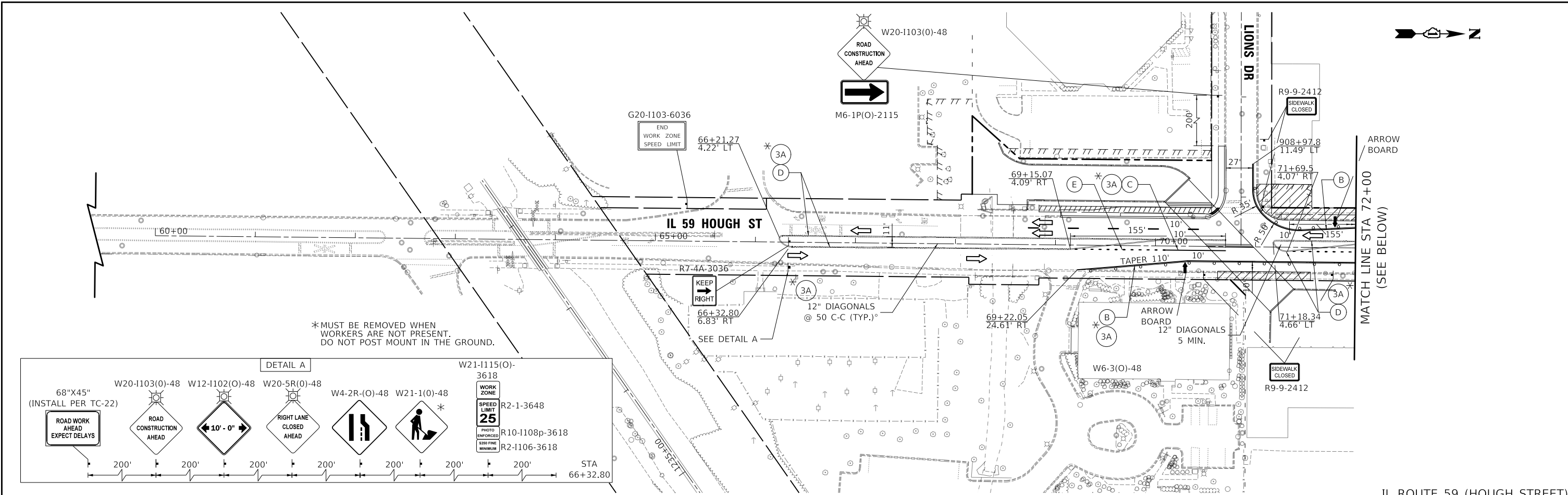
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	DRAWN - GS	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - CP	REVISED -
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

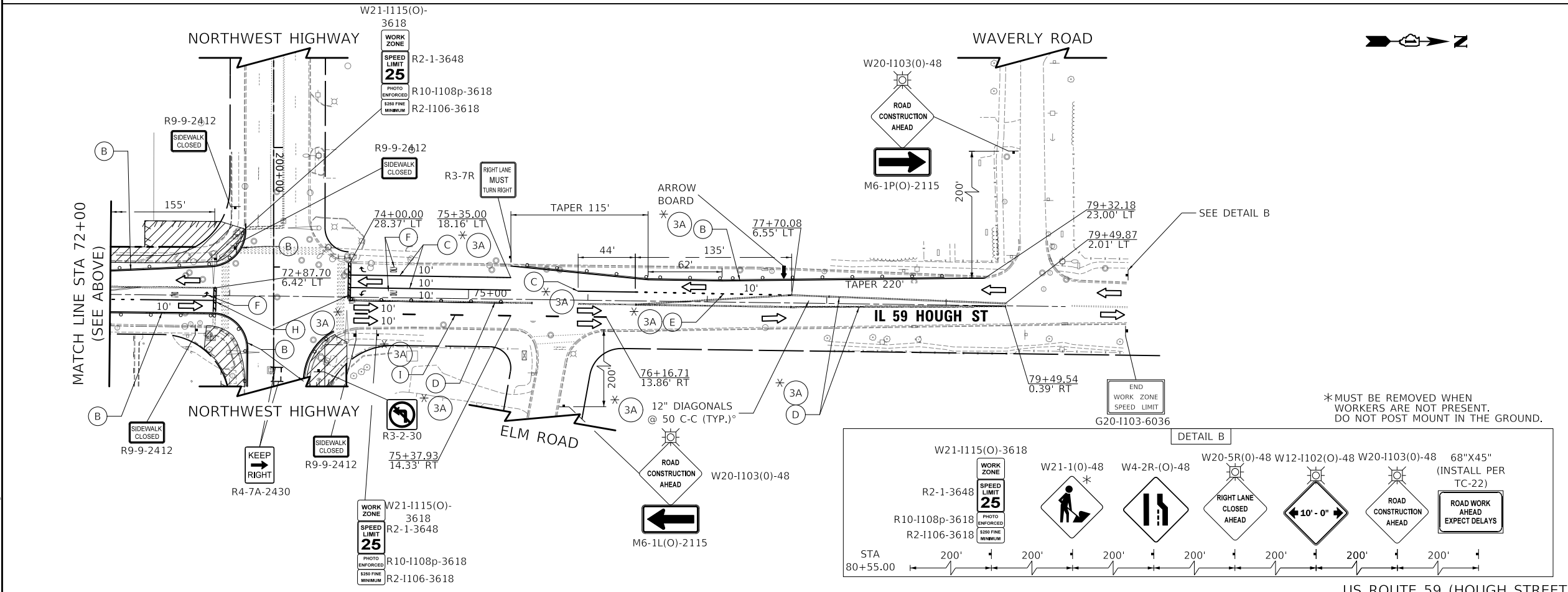
IL ROUTE 59 - STAGE 3A
SUGGESTED TRAFFIC CONTROL

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

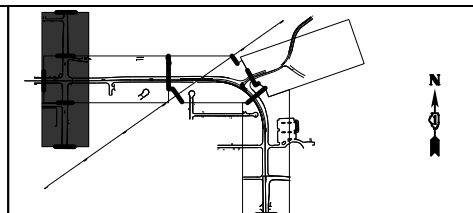
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	11-00087-00-GS	LAKE	816	142
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



IL ROUTE 59 (HOUGH STREET)



US ROUTE 59 (HOUGH STREET)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30' C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

MODEL: \\MODELNAME
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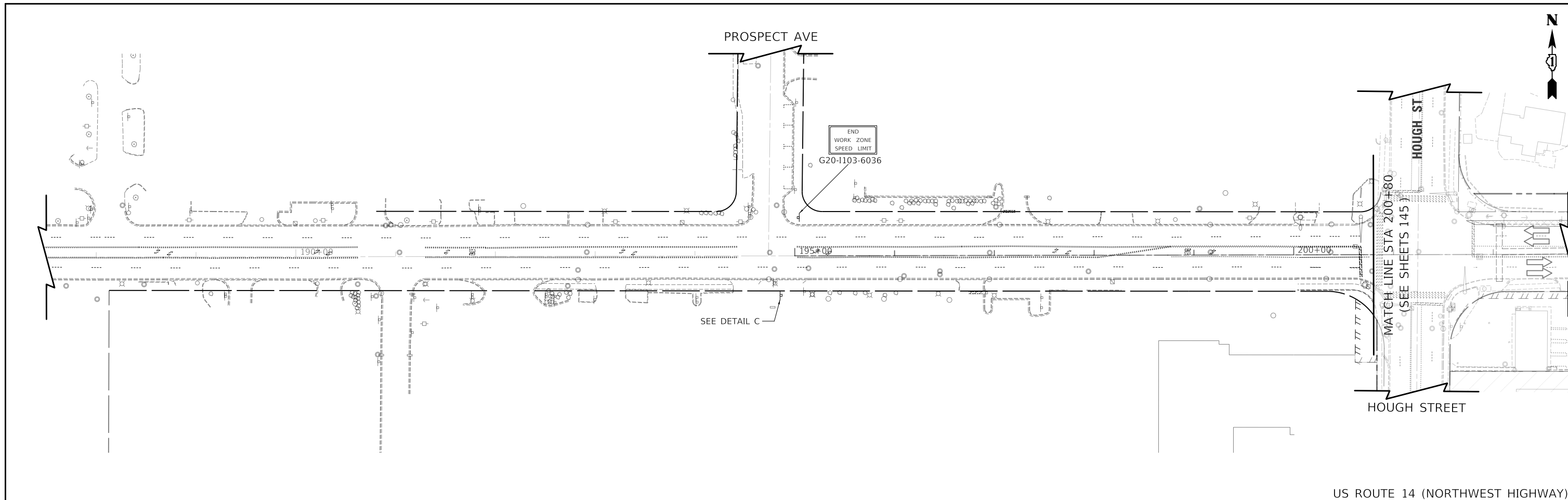
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	DRAWN - GS	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - CP	REVISED -
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

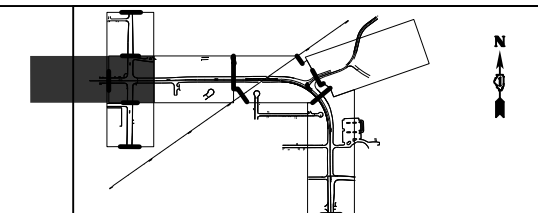
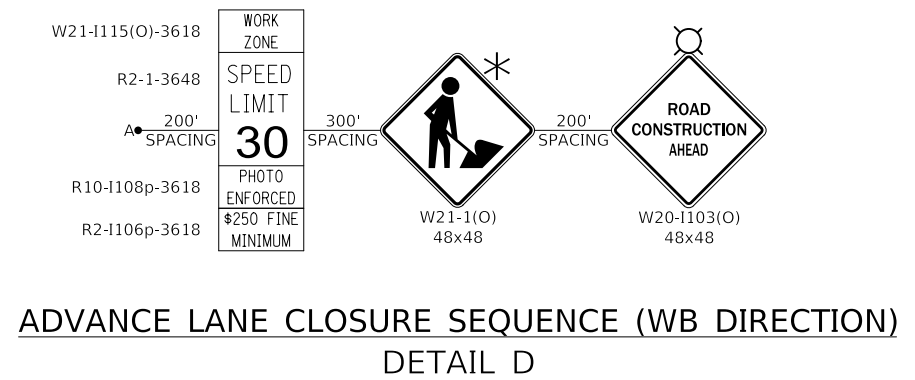
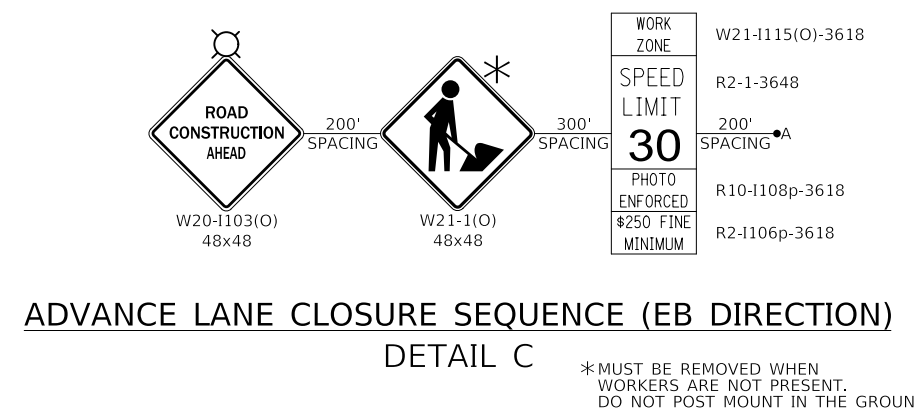
IL ROUTE 59 - STAGE 3
SUGGESTED TRAFFIC CONTROL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	11-00087-00-GS	LAKE	816	143
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



US ROUTE 14 (NORTHWEST HIGHWAY)



- MOT LEGEND**
- TEMP PAVEMENT
 - WORK ZONE
 - PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
 - TRAFFIC DIRECTION
 - EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
 - (A) 4" YELLOW EDGE LINE
 - (B) 4" WHITE EDGE LINE
 - (C) 6" WHITE EDGE LINE
 - (D) DOUBLE YELLOW 4" @ 11" C-C
 - (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
 - (F) WHITE LETTERS & SYMBOLS
 - (G) 12" WHITE LINE @ 30" C-C
 - (H) 24" WHITE STOP BAR
 - (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
 - (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
 - (K) 12" YELLOW DIAGONALS (75' C-C)
 - (#) PLACED IN PREVIOUS STAGE

MODEL: \\MODEL\NAME: FILE: \\NAME: ...WORKING: 08-27-2024

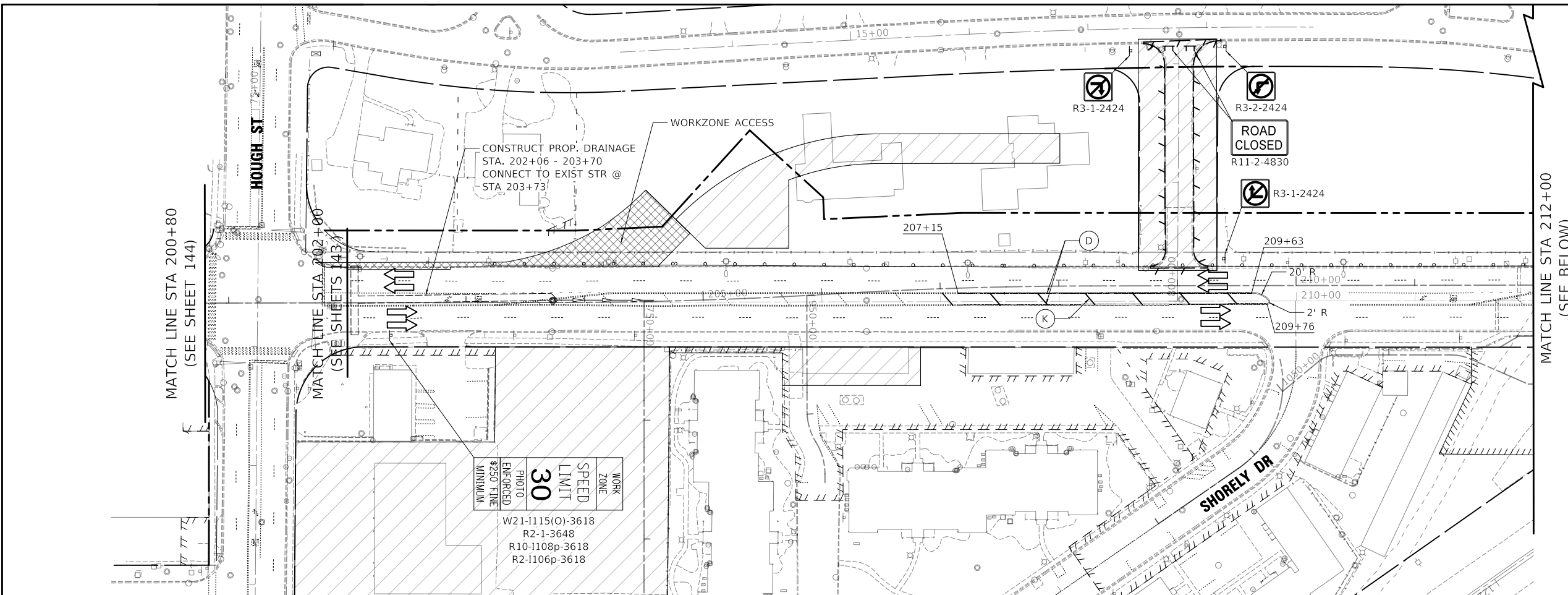
Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	USER NAME = mc	DESIGNED - PML	REVISED -
	PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
	PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
		DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
SUGGESTED TRAFFIC CONTROL - PRESTAGE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	144
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 212+00
(SEE BELOW)

MATCH LINE STA 200+80
(SEE SHEET 144)

MATCH LINE STA 202+00
(SEE SHEETS 143)

WORK ZONE	SPEED LIMIT	30
PHOTO ENFORCED		
MINIMUM FINE	\$250	

W21-1115(O)-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618

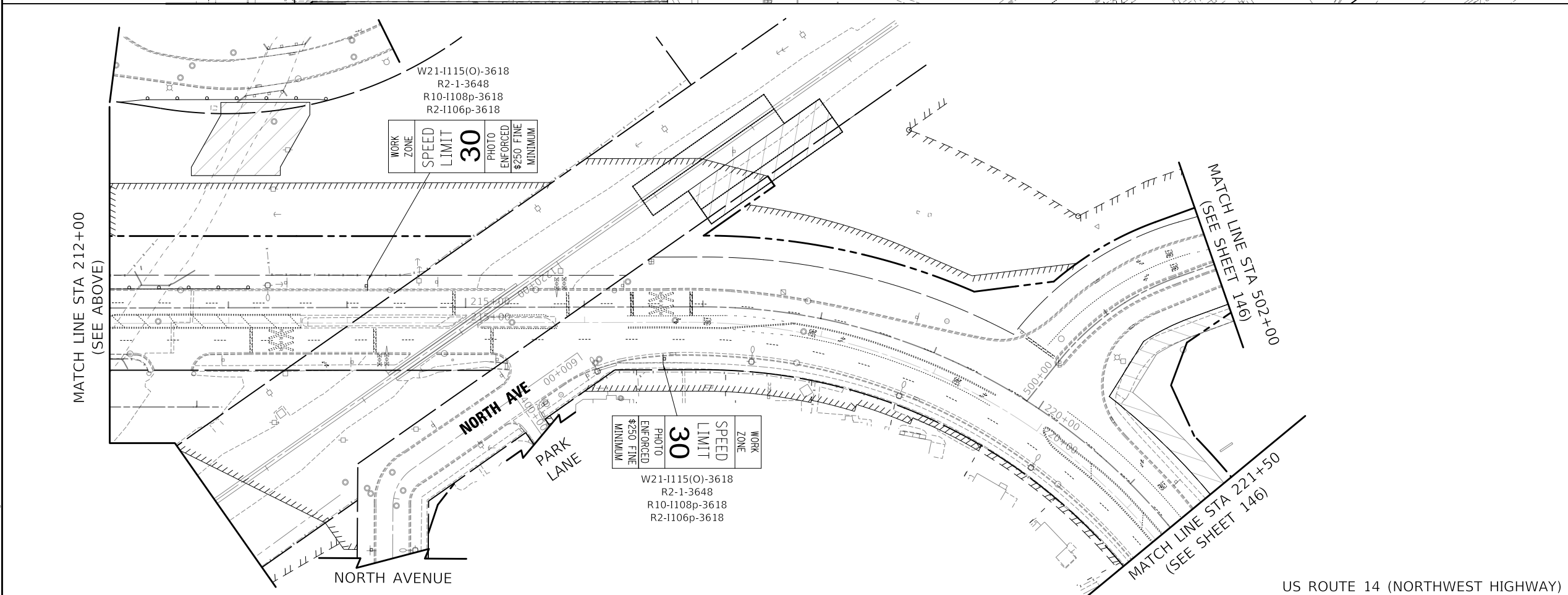
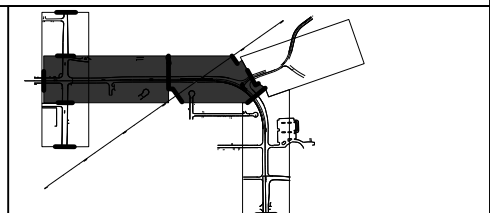
WORK ZONE	SPEED LIMIT	30
PHOTO ENFORCED		
MINIMUM FINE	\$250	

W21-1115(O)-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618

WORK ZONE	SPEED LIMIT	30
PHOTO ENFORCED		
MINIMUM FINE	\$250	

W21-1115(O)-3618
R2-1-3648
R10-1108p-3618
R2-1106p-3618

US ROUTE 14 (NORTHWEST HIGHWAY)



- MOT LEGEND**
- TEMP PAVEMENT
 - WORK ZONE
 - PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
 - TRAFFIC DIRECTION
 - EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
 - (A) 4" YELLOW EDGE LINE
 - (B) 4" WHITE EDGE LINE
 - (C) 6" WHITE EDGE LINE
 - (D) DOUBLE YELLOW 4" @ 11" C-C
 - (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
 - (F) WHITE LETTERS & SYMBOLS
 - (G) 12" WHITE LINE @ 30" C-C
 - (H) 24" WHITE STOP BAR
 - (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
 - (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
 - (K) 12" YELLOW DIAGONALS (75' C-C)
 - (#) PLACED IN PREVIOUS STAGE

MATCH LINE STA 212+00
(SEE ABOVE)

MATCH LINE STA 502+00
(SEE SHEET 146)

NORTH AVENUE

NORTH AVE
PARK LANE

MATCH LINE STA 221+50
(SEE SHEET 146)

US ROUTE 14 (NORTHWEST HIGHWAY)

MODEL: \\MODELNAME
FILE: \\NAME...WORKING-INT-MOT-PS-01.dwg

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900
Fax: 630.773.3975
www.civiltechinc.com

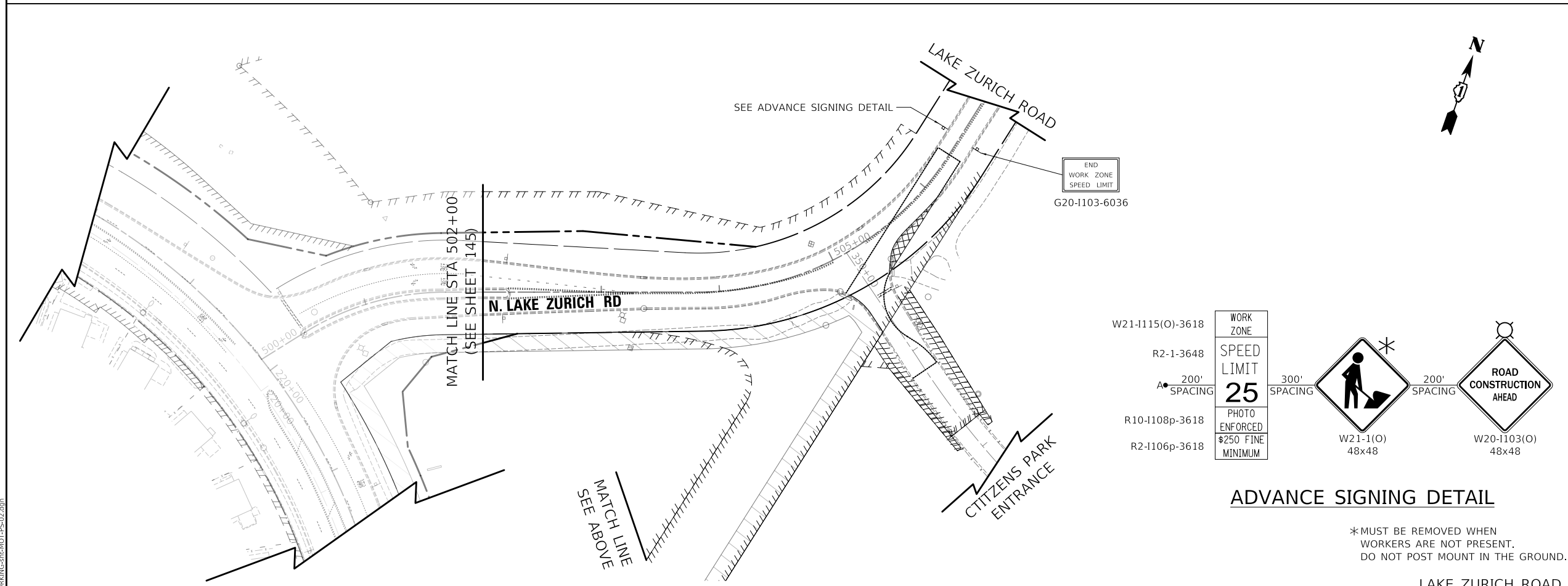
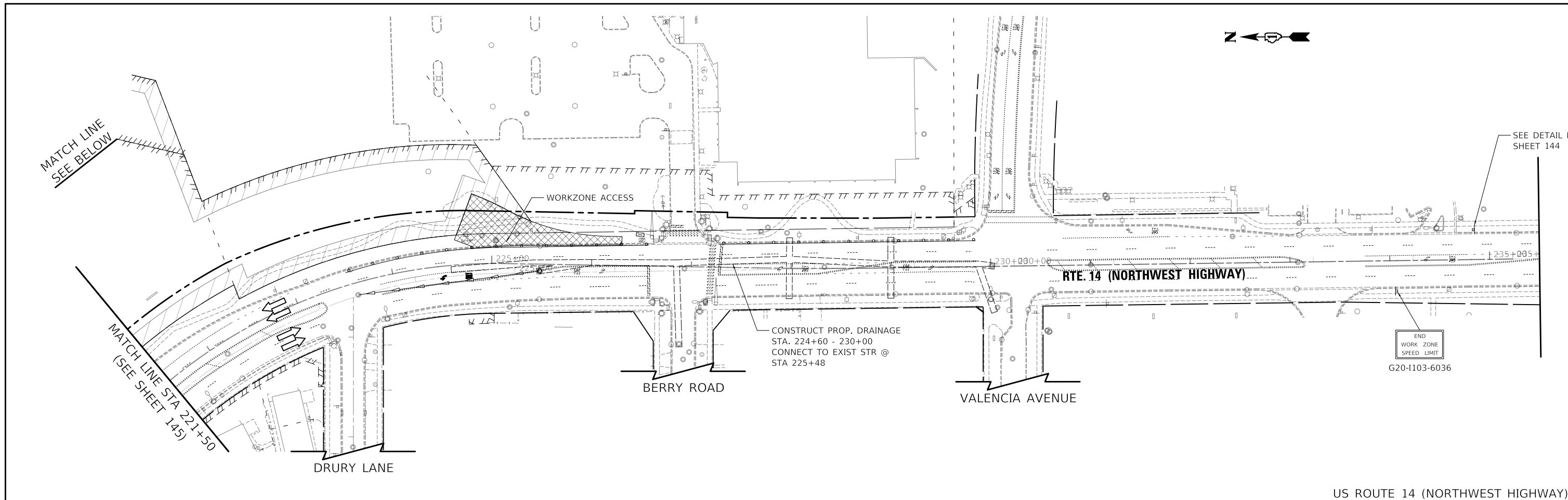
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	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

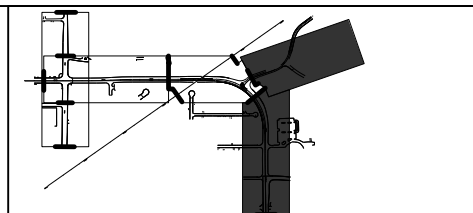
**US ROUTE 14
SUGGESTED TRAFFIC CONTROL - PRESTAGE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	145
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

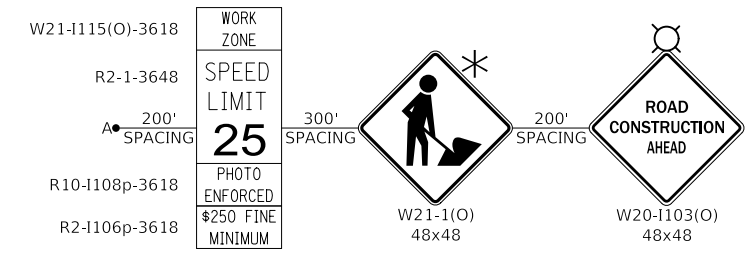


US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- (A) 4" YELLOW EDGE LINE
- (B) 4" WHITE EDGE LINE
- (C) 6" WHITE EDGE LINE
- (D) DOUBLE YELLOW 4" @ 11" C-C
- (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
- (F) WHITE LETTERS & SYMBOLS
- (G) 12" WHITE LINE @ 30" C-C
- (H) 24" WHITE STOP BAR
- (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
- (K) 12" YELLOW DIAGONALS (75' C-C)
- (#) PLACED IN PREVIOUS STAGE



ADVANCE SIGNING DETAIL

*MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT. DO NOT POST MOUNT IN THE GROUND.

LAKE ZURICH ROAD

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900
Fax: 630.773.3975
www.civiltechinc.com

USER NAME = mc	DESIGNED - PML	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

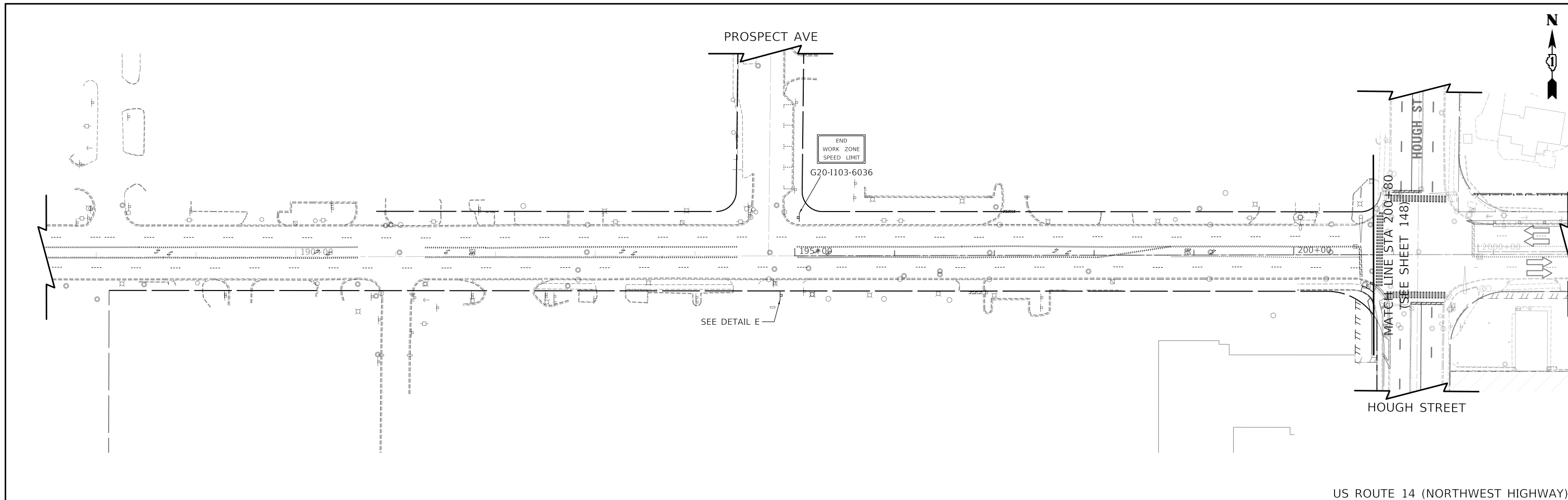
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 14 AND LAKE ZURICH ROAD
SUGGESTED TRAFFIC CONTROL - PRESTAGE

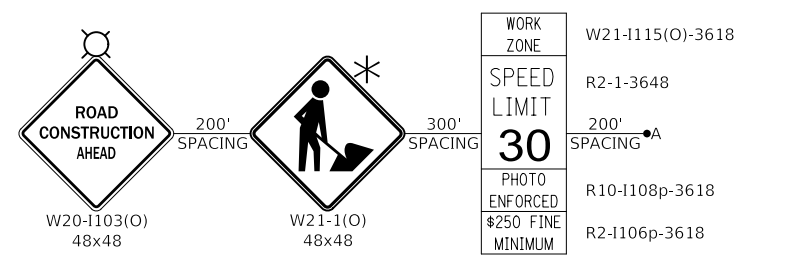
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	146
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

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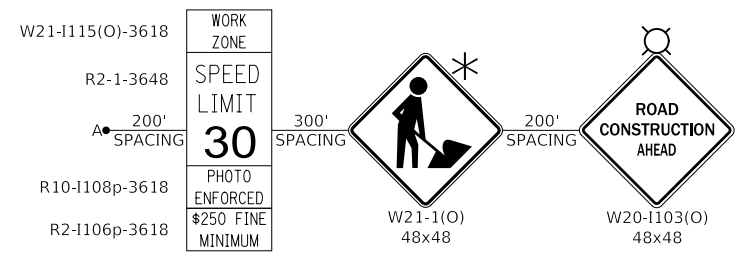


US ROUTE 14 (NORTHWEST HIGHWAY)

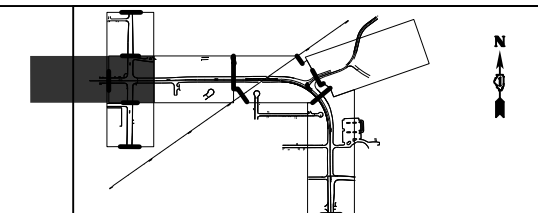


ADVANCE LANE CLOSURE SEQUENCE (EB DIRECTION)
DETAIL E

*MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT. DO NOT POST MOUNT IN THE GROUND.



ADVANCE LANE CLOSURE SEQUENCE (WB DIRECTION)
DETAIL F



- MOT LEGEND**
- TEMP PAVEMENT
 - WORK ZONE
 - PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
 - TRAFFIC DIRECTION
 - EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
 - (A) 4" YELLOW EDGE LINE
 - (B) 4" WHITE EDGE LINE
 - (C) 6" WHITE EDGE LINE
 - (D) DOUBLE YELLOW 4" @ 11" C-C
 - (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
 - (F) WHITE LETTERS & SYMBOLS
 - (G) 12" WHITE LINE @ 30" C-C
 - (H) 24" WHITE STOP BAR
 - (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
 - (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
 - (K) 12" YELLOW DIAGONALS (75' C-C)
 - (#) PLACED IN PREVIOUS STAGE

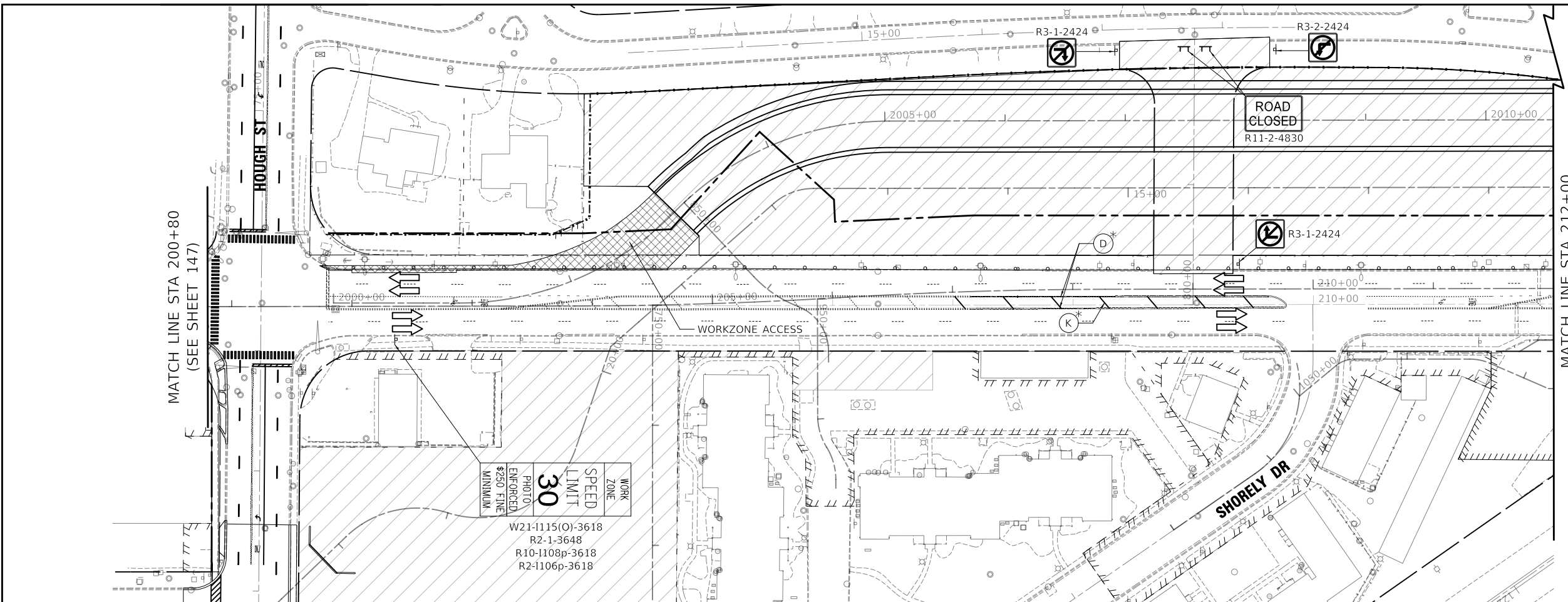
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Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	USER NAME = mc	DESIGNED - PML	REVISED -
	PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
	PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
		DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

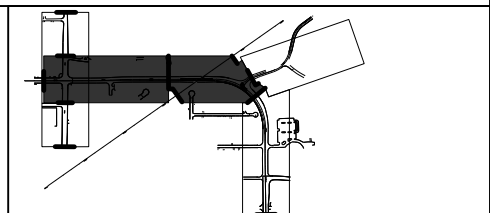
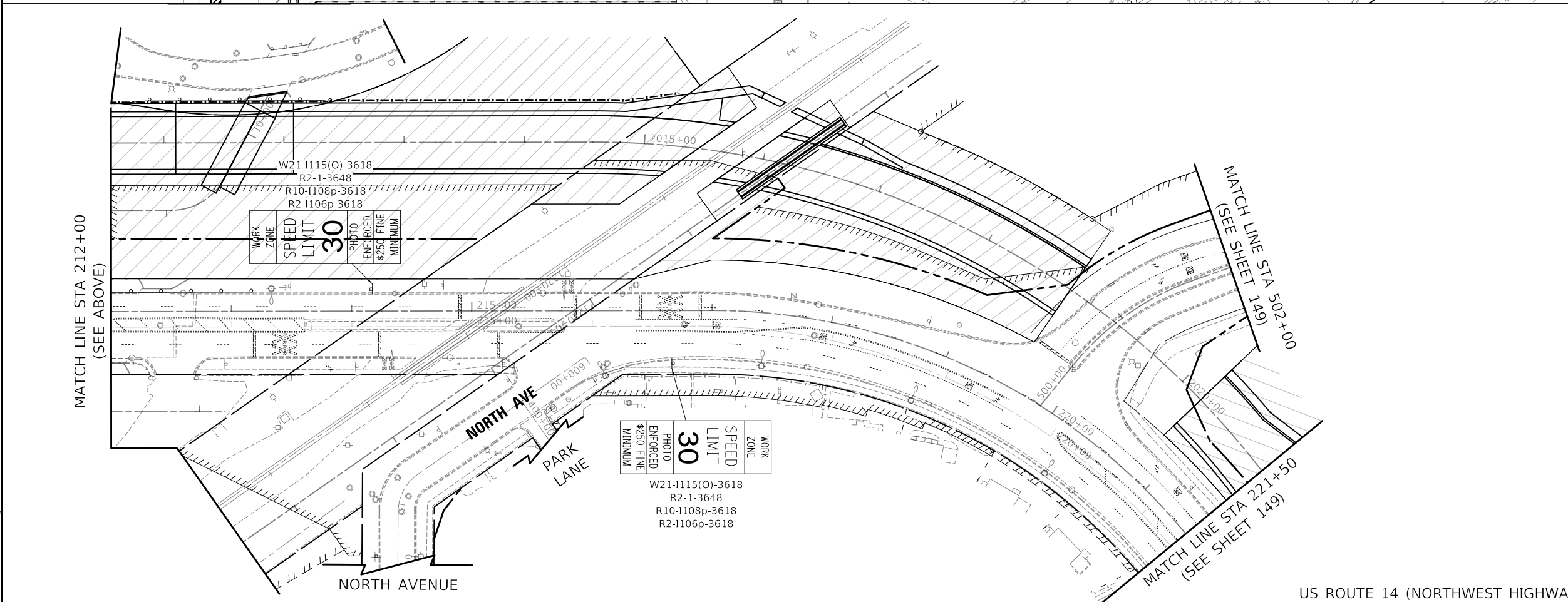
US ROUTE 14			
SUGGESTED TRAFFIC CONTROL - STAGE 1			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	147
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 212+00
(SEE BELOW)

US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

US ROUTE 14 (NORTHWEST HIGHWAY)

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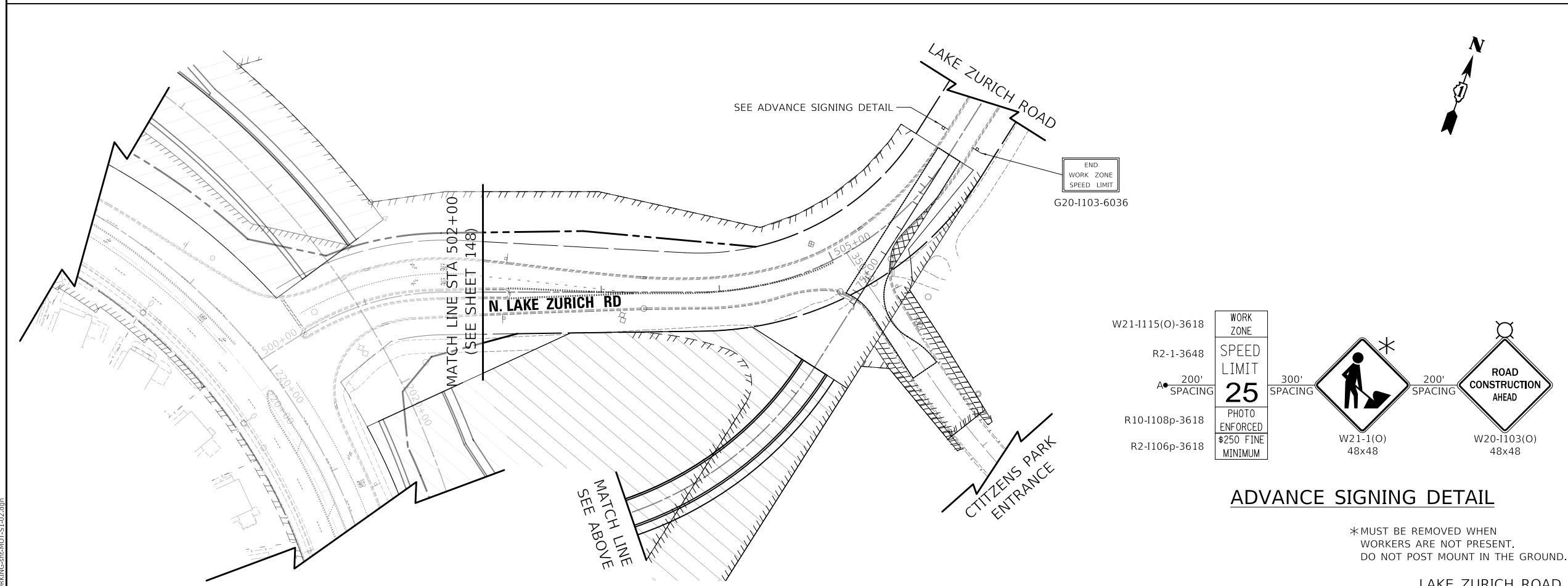
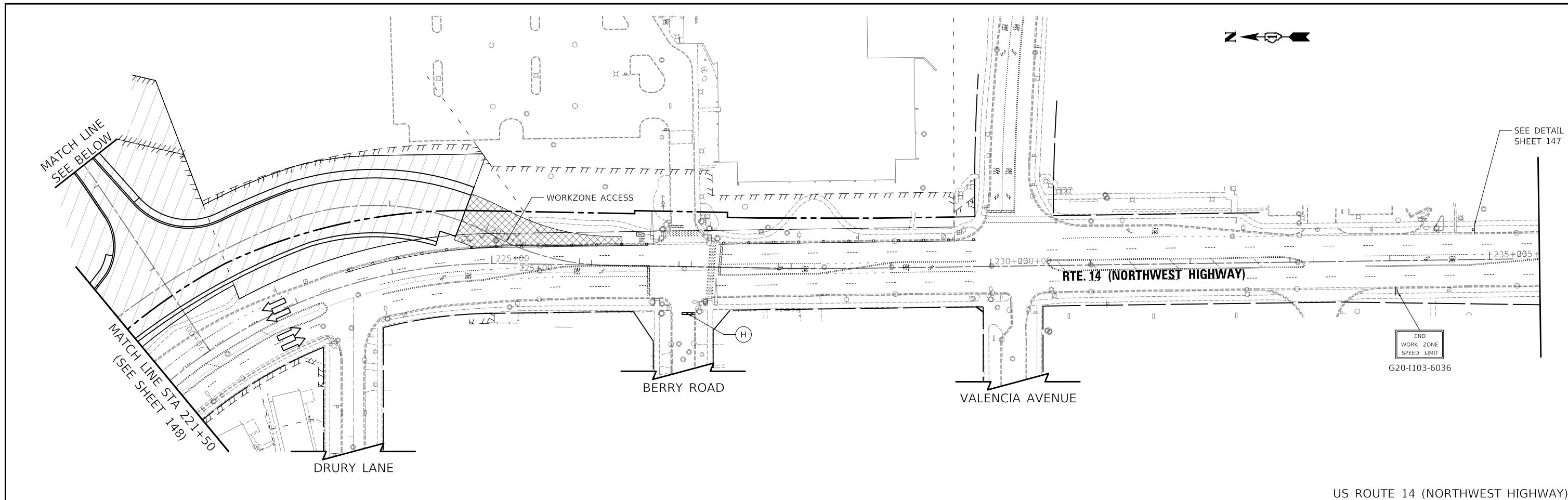
CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900
Fax: 630.773.3975
www.civiltechinc.com

USER NAME = mc	DESIGNED - PML	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

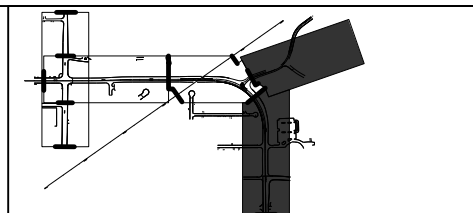
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US ROUTE 14 SUGGESTED TRAFFIC CONTROL - STAGE 1	
SCALE: 1" = 50'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	148
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

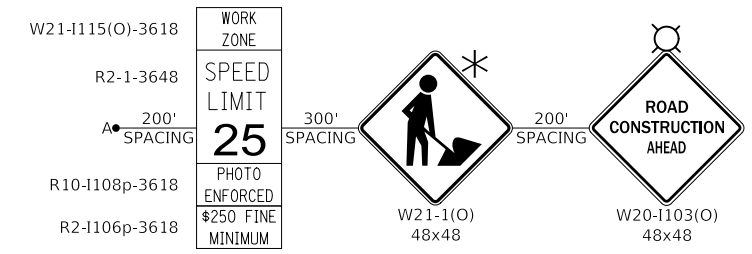


US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- (A) 4" YELLOW EDGE LINE
- (B) 4" WHITE EDGE LINE
- (C) 6" WHITE EDGE LINE
- (D) DOUBLE YELLOW 4" @ 11" C-C
- (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
- (F) WHITE LETTERS & SYMBOLS
- (G) 12" WHITE LINE @ 30' C-C
- (H) 24" WHITE STOP BAR
- (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
- (K) 12" YELLOW DIAGONALS (75' C-C)
- (#) PLACED IN PREVIOUS STAGE



ADVANCE SIGNING DETAIL

*MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT. DO NOT POST MOUNT IN THE GROUND.

LAKE ZURICH ROAD

MODEL: S:\MODEL\NAME: FILE NAME: ...\DRAWING: 08-2024-012.dwg

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900
Fax: 630.773.3975
www.civiltechinc.com

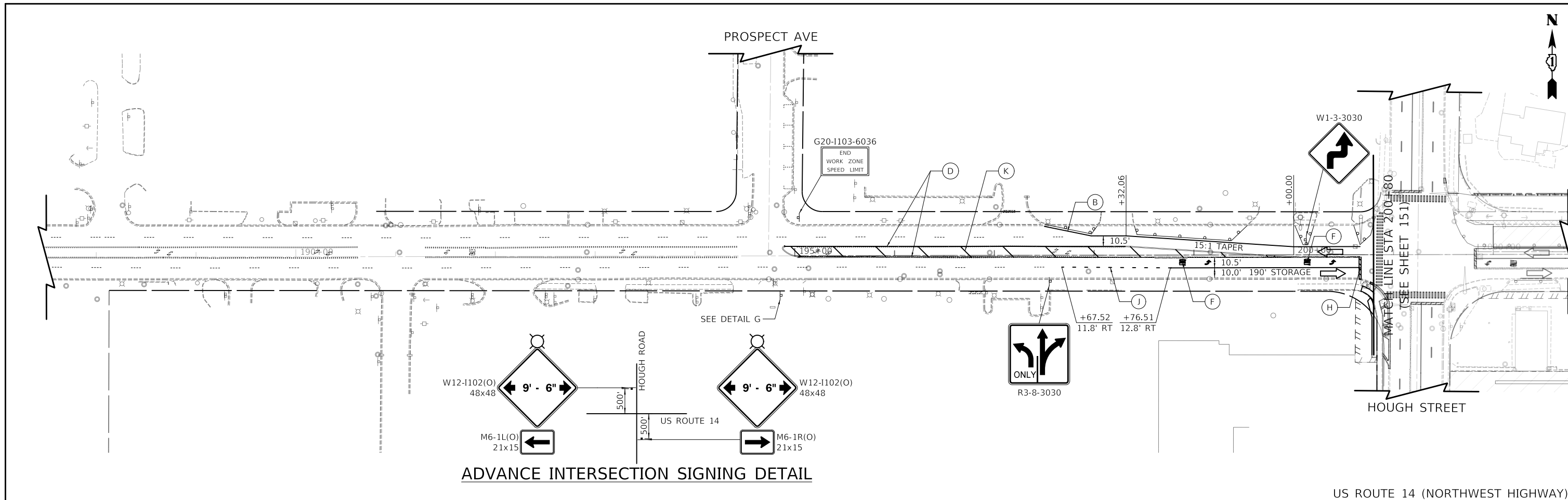
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PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

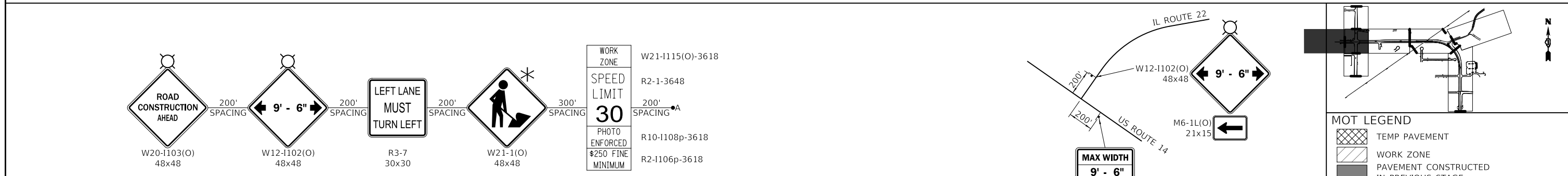
**US ROUTE 14 AND LAKE ZURICH ROAD
SUGGESTED TRAFFIC CONTROL - STAGE 1**

SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	149
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

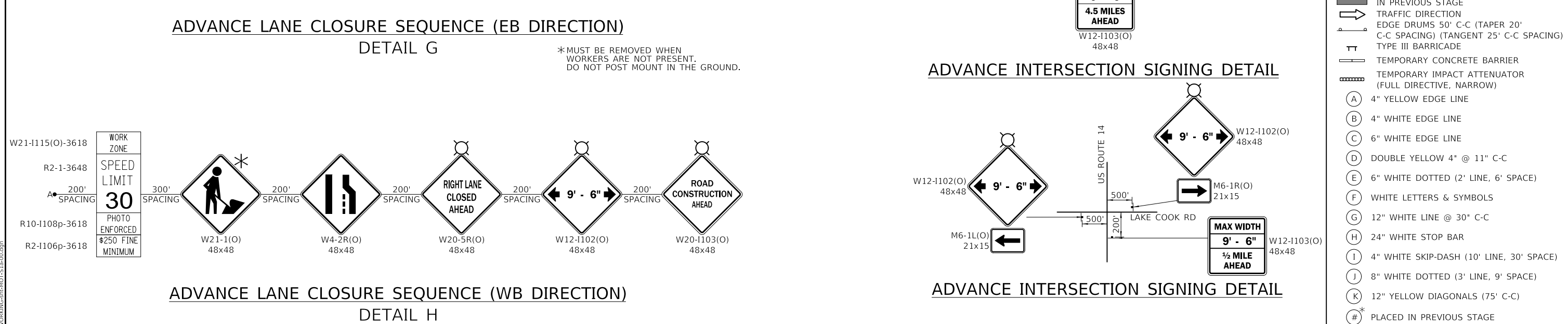


ADVANCE INTERSECTION SIGNING DETAIL

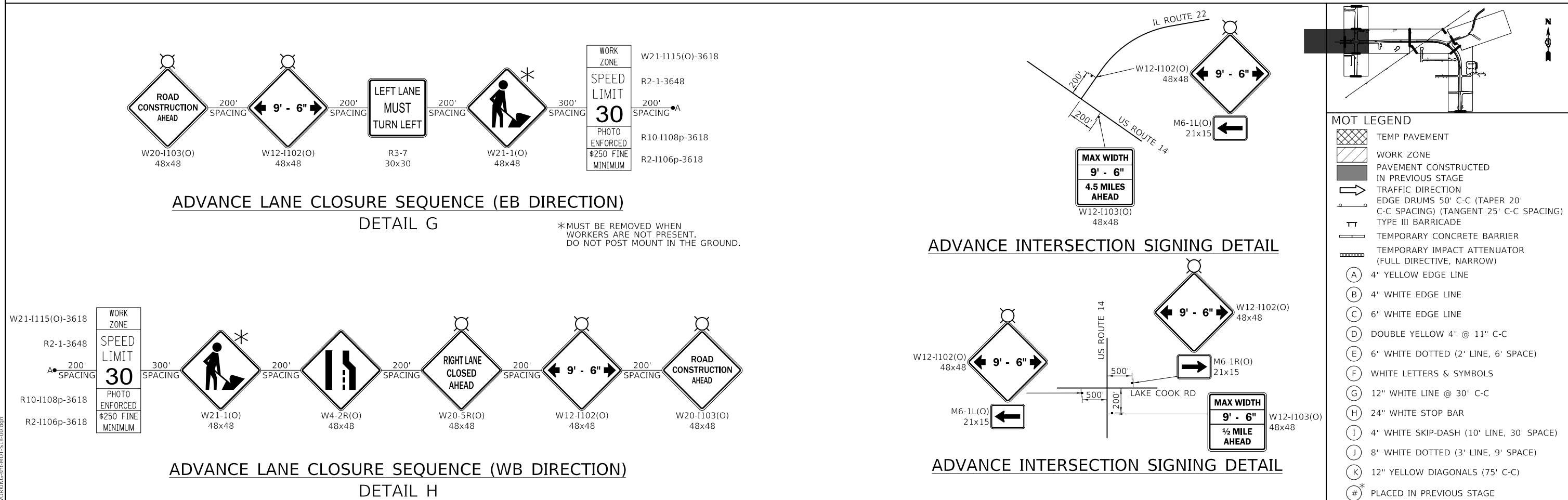


ADVANCE LANE CLOSURE SEQUENCE (EB DIRECTION) DETAIL G

*MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT. DO NOT POST MOUNT IN THE GROUND.

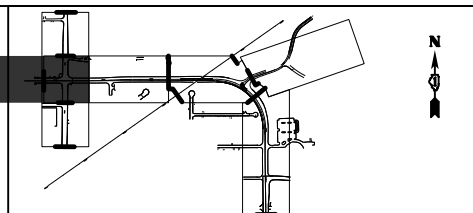


ADVANCE LANE CLOSURE SEQUENCE (WB DIRECTION) DETAIL H



ADVANCE INTERSECTION SIGNING DETAIL

ADVANCE INTERSECTION SIGNING DETAIL



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- (A) 4" YELLOW EDGE LINE
- (B) 4" WHITE EDGE LINE
- (C) 6" WHITE EDGE LINE
- (D) DOUBLE YELLOW 4" @ 11" C-C
- (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
- (F) WHITE LETTERS & SYMBOLS
- (G) 12" WHITE LINE @ 30' C-C
- (H) 24" WHITE STOP BAR
- (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
- (K) 12" YELLOW DIAGONALS (75' C-C)
- (#) PLACED IN PREVIOUS STAGE

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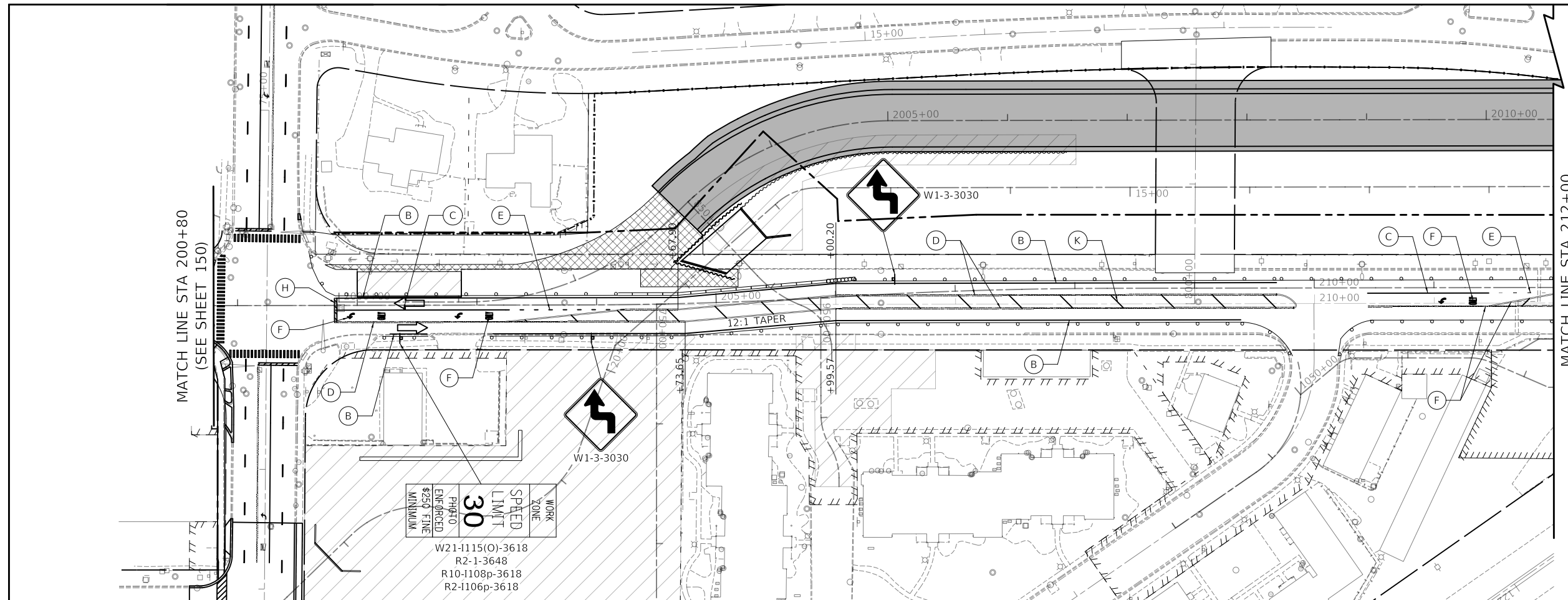
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PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**US ROUTE 14
SUGGESTED TRAFFIC CONTROL - STAGE 1A**

SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	150
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

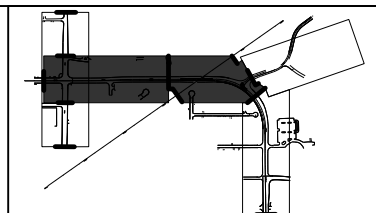
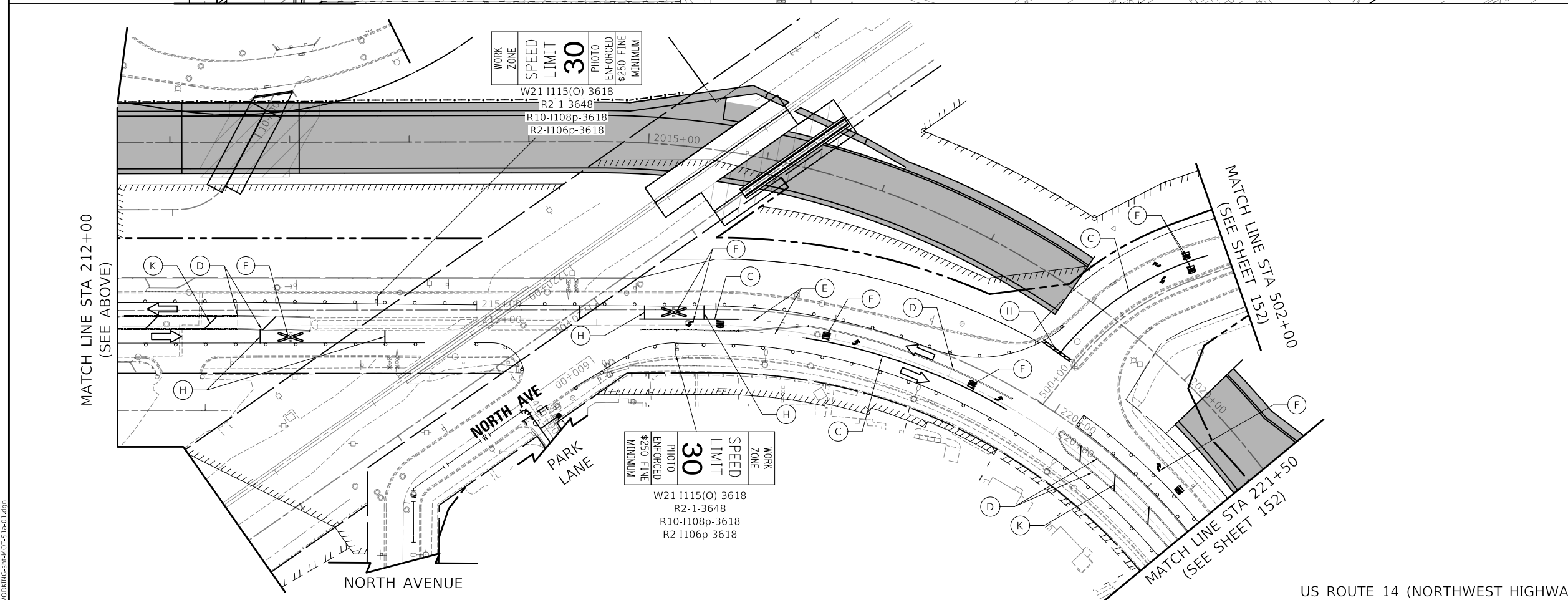


MATCH LINE STA 212+00
(SEE BELOW)

MATCH LINE STA 200+80
(SEE SHEET 150)

WORK ZONE	SPEED LIMIT	PHOTO ENFORCED
	30	\$250 FINE MINIMUM
W21-1115(O)-3618 R2-1-3648 R10-1108p-3618 R2-1106p-3618		

US ROUTE 14 (NORTHWEST HIGHWAY)



- MOT LEGEND**
- TEMP PAVEMENT
 - WORK ZONE
 - PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
 - TRAFFIC DIRECTION
 - EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
 - 4" YELLOW EDGE LINE
 - 4" WHITE EDGE LINE
 - 6" WHITE EDGE LINE
 - DOUBLE YELLOW 4" @ 11" C-C
 - 6" WHITE DOTTED (2' LINE, 6' SPACE)
 - WHITE LETTERS & SYMBOLS
 - 12" WHITE LINE @ 30" C-C
 - 24" WHITE STOP BAR
 - 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
 - 8" WHITE DOTTED (3' LINE, 9' SPACE)
 - 12" YELLOW DIAGONALS (75' C-C)
 - PLACED IN PREVIOUS STAGE

WORK ZONE	SPEED LIMIT	PHOTO ENFORCED
	30	\$250 FINE MINIMUM
W21-1115(O)-3618 R2-1-3648 R10-1108p-3618 R2-1106p-3618		

MATCH LINE STA 212+00
(SEE ABOVE)

MATCH LINE STA 500+00
(SEE SHEET 152)

US ROUTE 14 (NORTHWEST HIGHWAY)

MODEL: \\MODELNAME
FILE: \\DRAWING-PROJECTS\110126P

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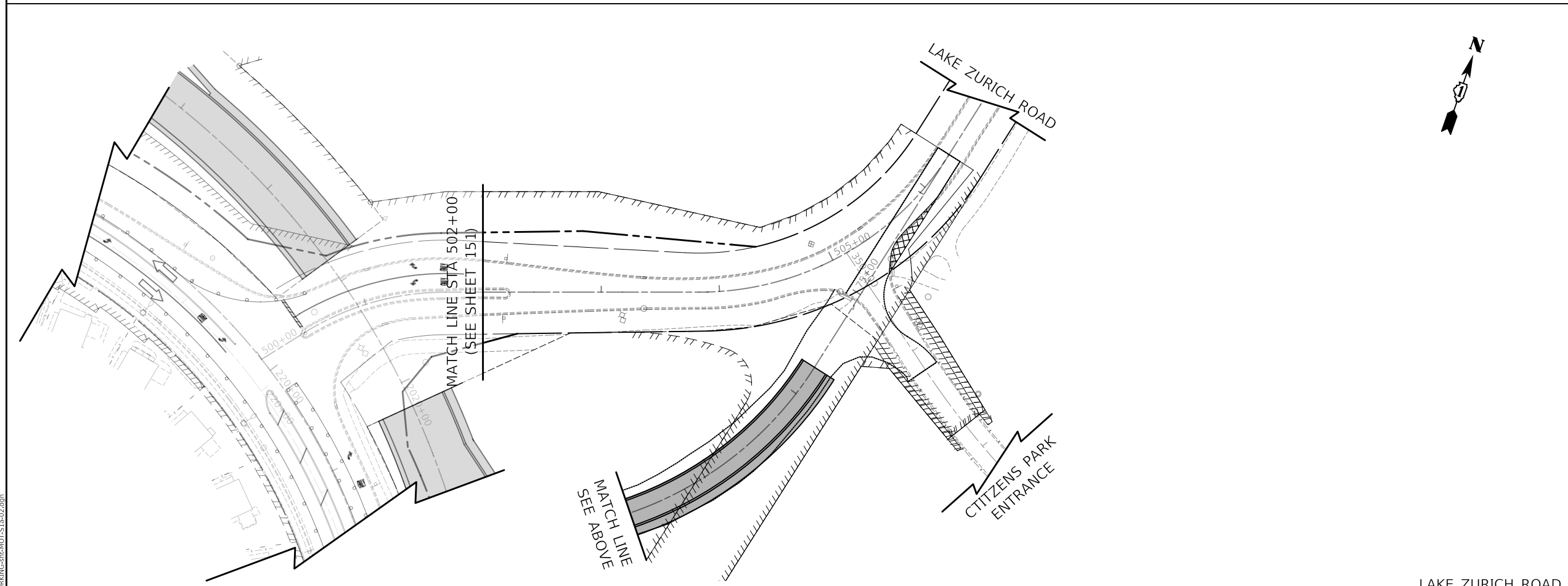
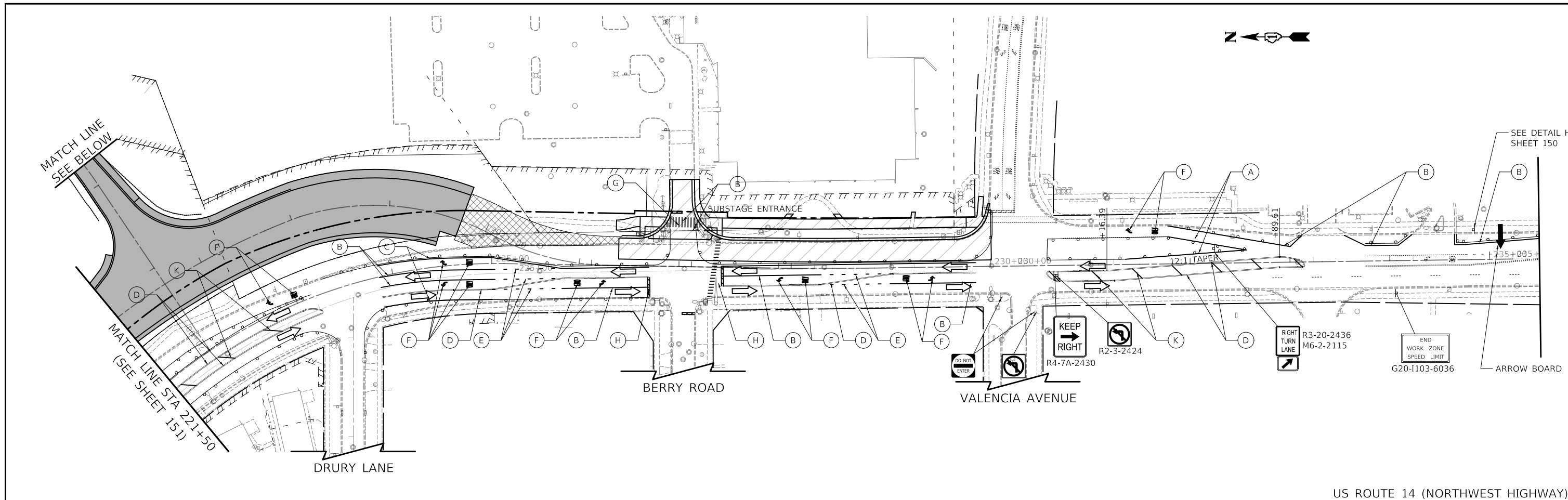
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	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

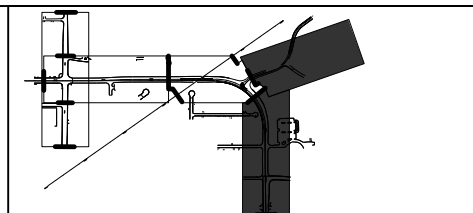
**US ROUTE 14
SUGGESTED TRAFFIC CONTROL - STAGE 1A**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	151
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- (A) 4" YELLOW EDGE LINE
- (B) 4" WHITE EDGE LINE
- (C) 6" WHITE EDGE LINE
- (D) DOUBLE YELLOW 4" @ 11" C-C
- (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
- (F) WHITE LETTERS & SYMBOLS
- (G) 12" WHITE LINE @ 30" C-C
- (H) 24" WHITE STOP BAR
- (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
- (K) 12" YELLOW DIAGONALS (75' C-C)
- (#) PLACED IN PREVIOUS STAGE

<p>Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com</p>	USER NAME = mc	DESIGNED - PML	REVISED -
	PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
	PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
		DATE - 08/28/2024	REVISED -

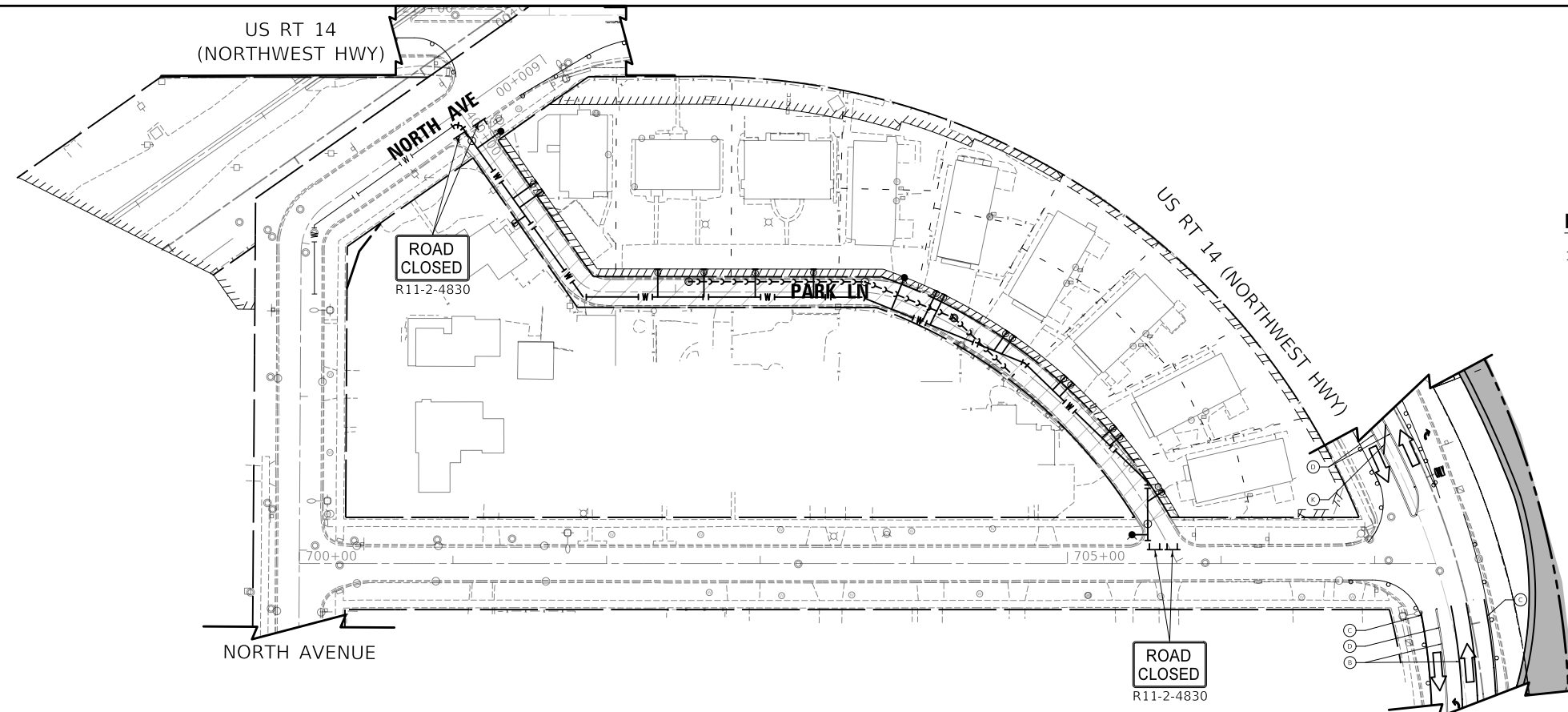
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14 AND LAKE ZURICH ROAD
SUGGESTED TRAFFIC CONTROL - STAGE 1A**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	152
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

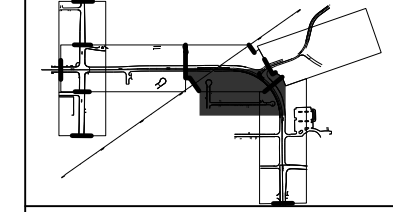
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NOTE:

- ON STREET PARKING SHALL BE AVAILABLE ON NORTH AVENUE AND DRURY LANE WHILE PARK LANE IS CLOSED.

NORTH AVENUE AND DRURY LANE



MOT LEGEND

	TEMP PAVEMENT
	WORK ZONE
	PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
	TRAFFIC DIRECTION
	EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
	TYPE III BARRICADE
	TEMPORARY CONCRETE BARRIER
	TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
(A)	4" YELLOW EDGE LINE
(B)	4" WHITE EDGE LINE
(C)	6" WHITE EDGE LINE
(D)	DOUBLE YELLOW 4" @ 11" C-C
(E)	6" WHITE DOTTED (2' LINE, 6' SPACE)
(F)	WHITE LETTERS & SYMBOLS
(G)	12" WHITE LINE @ 30" C-C
(H)	24" WHITE STOP BAR
(I)	4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
(J)	8" WHITE DOTTED (3' LINE, 9' SPACE)
(K)	12" YELLOW DIAGONALS (75' C-C)
(#)	PLACED IN PREVIOUS STAGE

MODEL: S:\MODEL\NAME
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 DATE: 08/27/2024

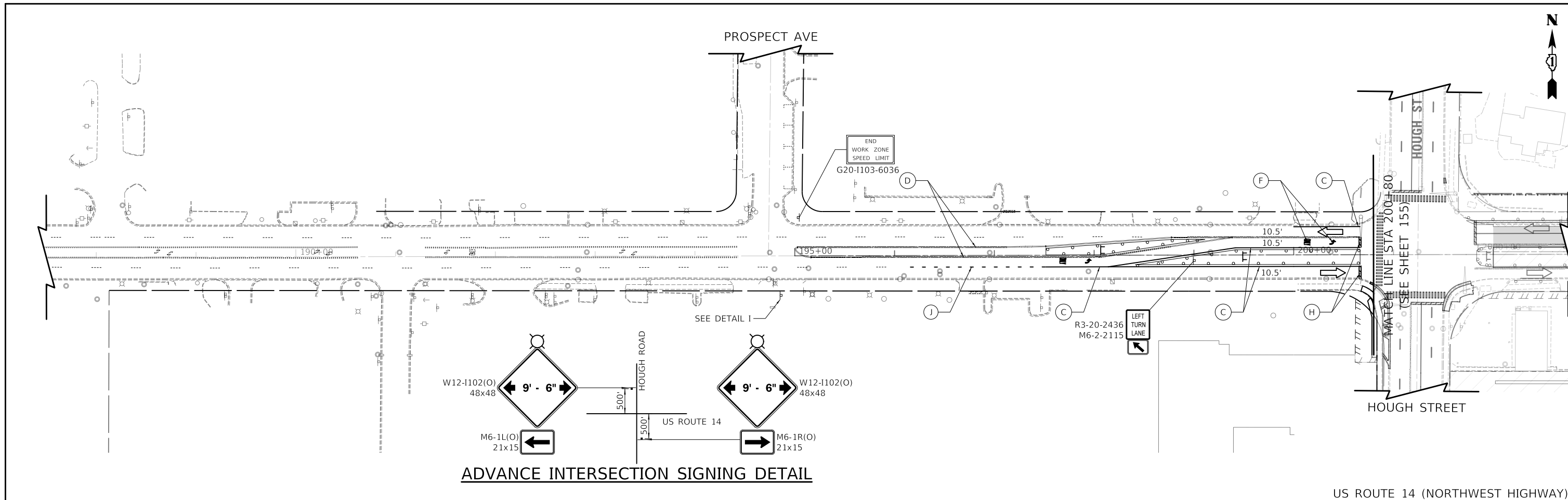
Two Pierce Place, Suite 1400
 Moline, Illinois 61413
 Tel: 630.773.3900
 Fax: 630.773.3975
 www.civiltechinc.com

USER NAME = mc	DESIGNED - PML	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

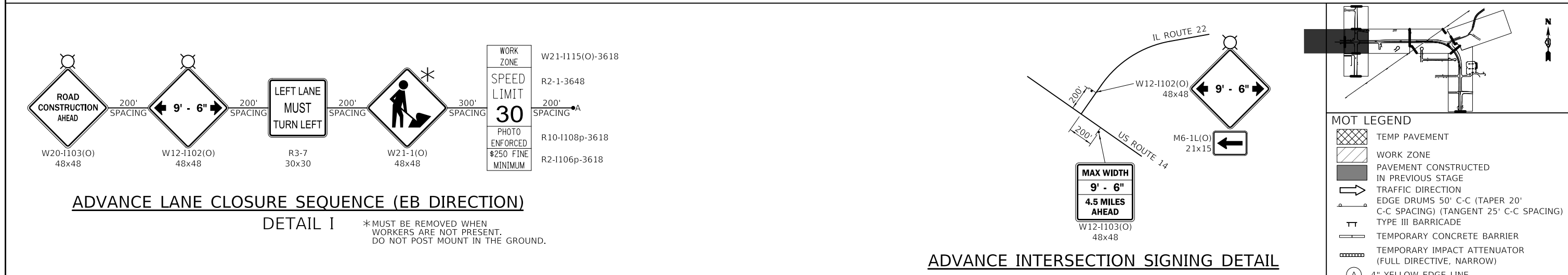
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AVENUE AND DRURY LANE SUGGESTED TRAFFIC CONTROL - STAGE 1A			
SCALE: 1" = 50'	SHEET	OF	SHEETS
	STA.		TO STA.

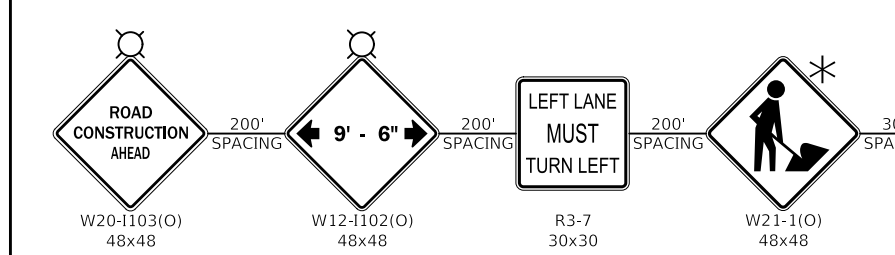
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	153
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



ADVANCE INTERSECTION SIGNING DETAIL



ADVANCE INTERSECTION SIGNING DETAIL

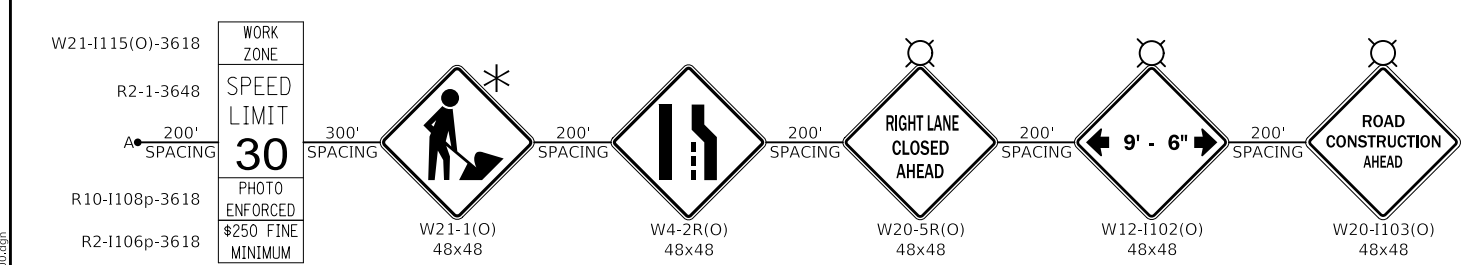


ADVANCE LANE CLOSURE SEQUENCE (EB DIRECTION)

DETAIL I

*MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT. DO NOT POST MOUNT IN THE GROUND.

WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED \$250 FINE MINIMUM	R10-1108p-3618
	R2-1106p-3618



ADVANCE LANE CLOSURE SEQUENCE (WB DIRECTION)

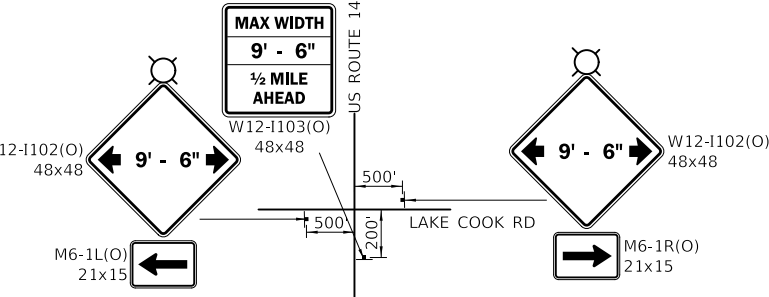
DETAIL J

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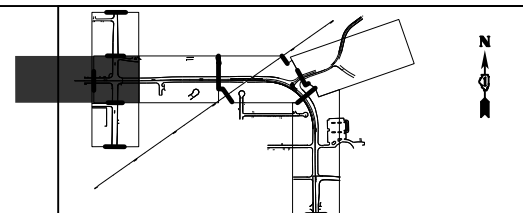
WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED \$250 FINE MINIMUM	R10-1108p-3618
	R2-1106p-3618

USER NAME = mc	DESIGNED - PML	REVISED -
	DRAWN - PML	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**



ADVANCE INTERSECTION SIGNING DETAIL



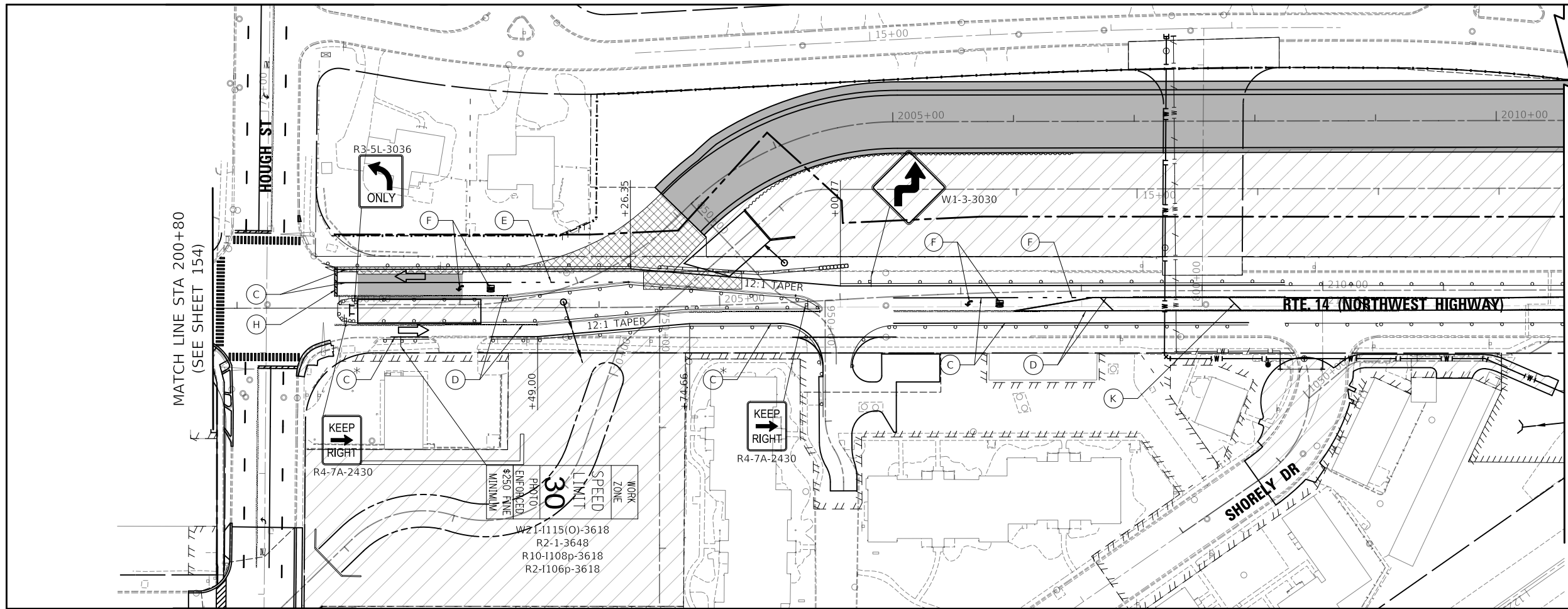
US ROUTE 14 (NORTHWEST HIGHWAY)

MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- (A) 4" YELLOW EDGE LINE
- (B) 4" WHITE EDGE LINE
- (C) 6" WHITE EDGE LINE
- (D) DOUBLE YELLOW 4" @ 11" C-C
- (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
- (F) WHITE LETTERS & SYMBOLS
- (G) 12" WHITE LINE @ 30" C-C
- (H) 24" WHITE STOP BAR
- (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
- (K) 12" YELLOW DIAGONALS (75' C-C)
- (#) PLACED IN PREVIOUS STAGE

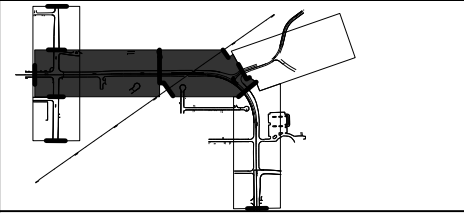
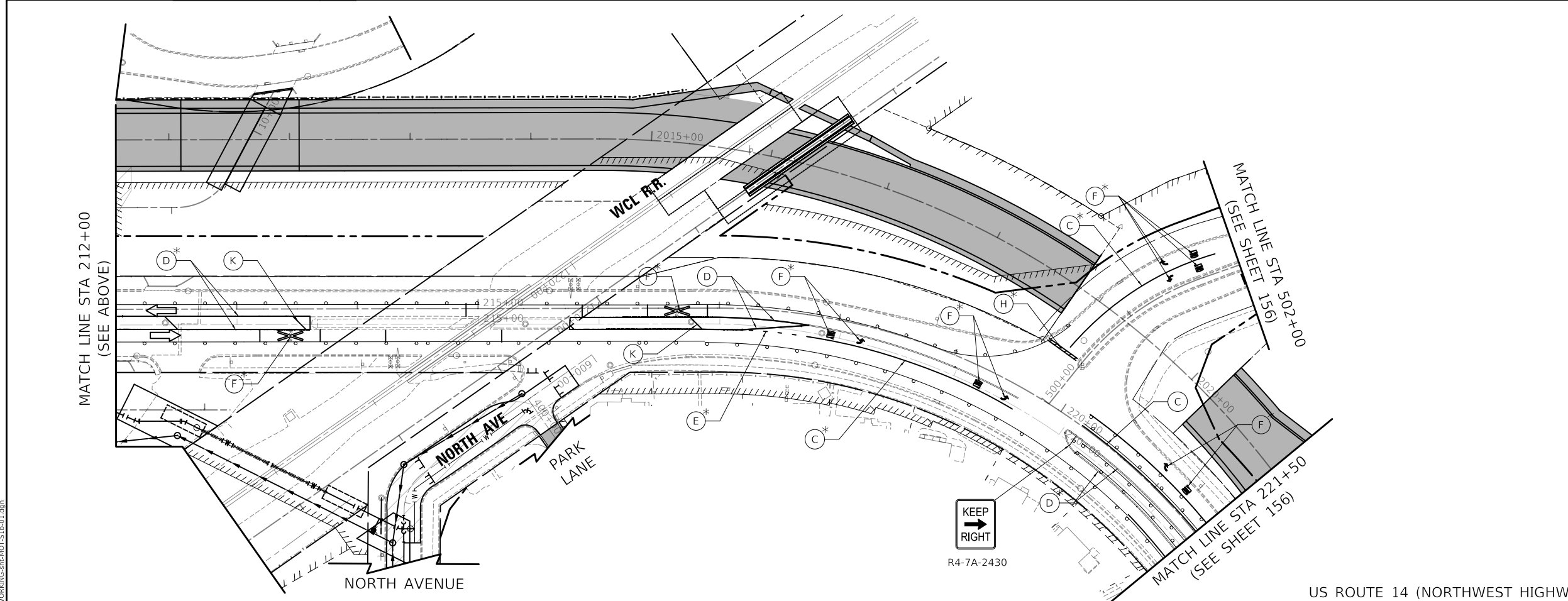
US ROUTE 14			
SUGGESTED TRAFFIC CONTROL - STAGE 1B			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-G5	LAKE	816	154
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 212+00
(SEE BELOW)

US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

US ROUTE 14 (NORTHWEST HIGHWAY)

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 Fax: 630.773.3975
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PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

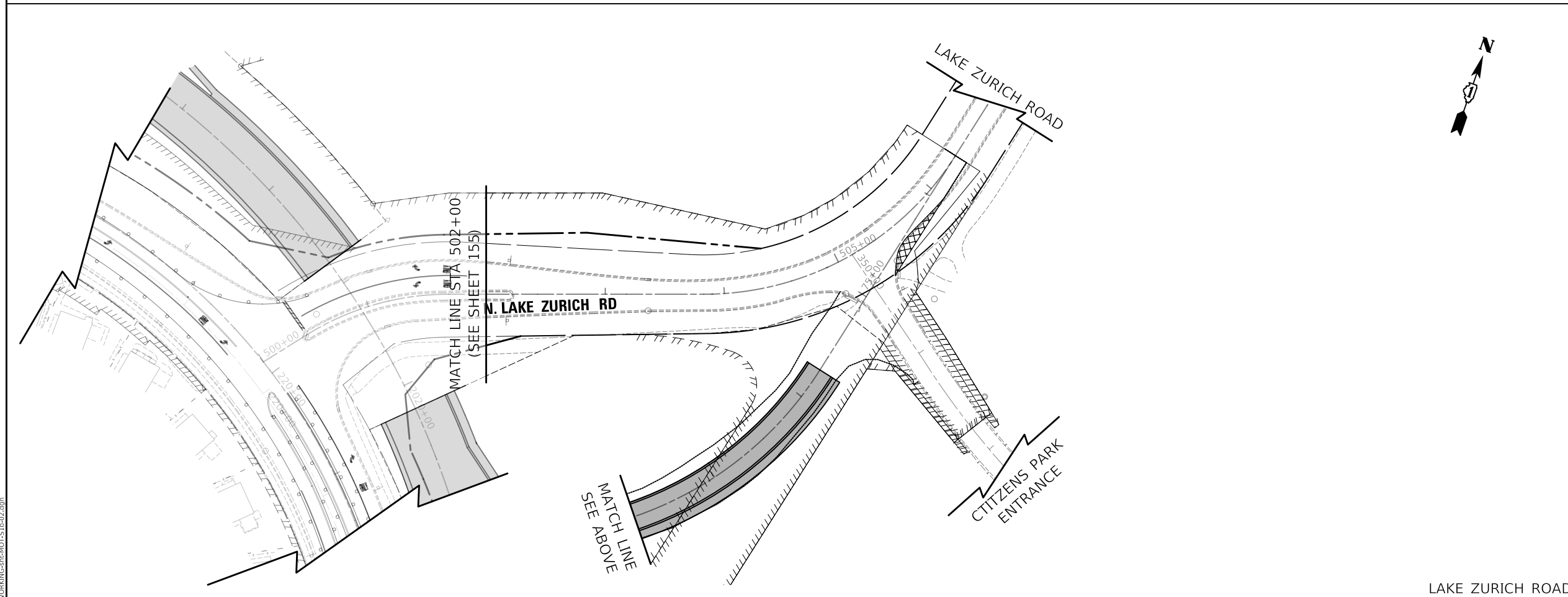
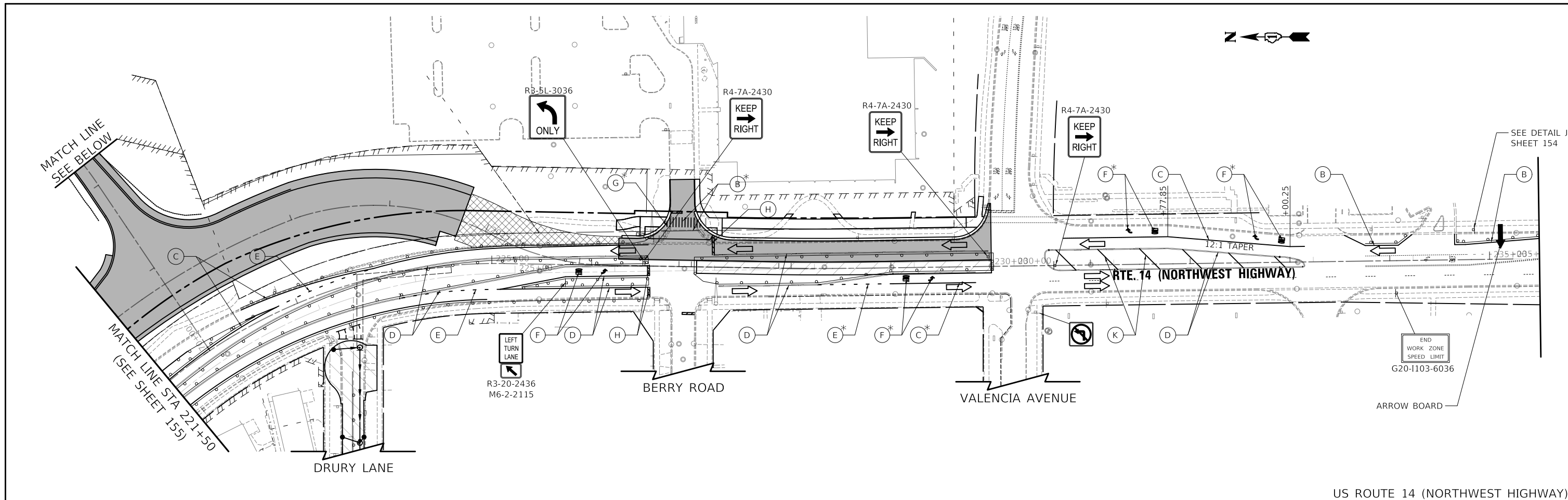
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
 SUGGESTED TRAFFIC CONTROL - STAGE 1B**

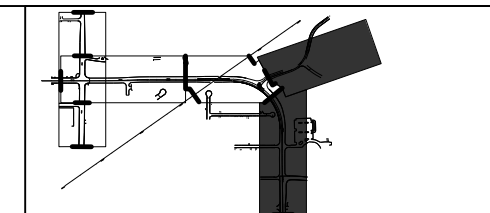
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	155
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

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US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

LAKE ZURICH ROAD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 14 AND LAKE ZURICH ROAD
SUGGESTED TRAFFIC CONTROL - STAGE 1B

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

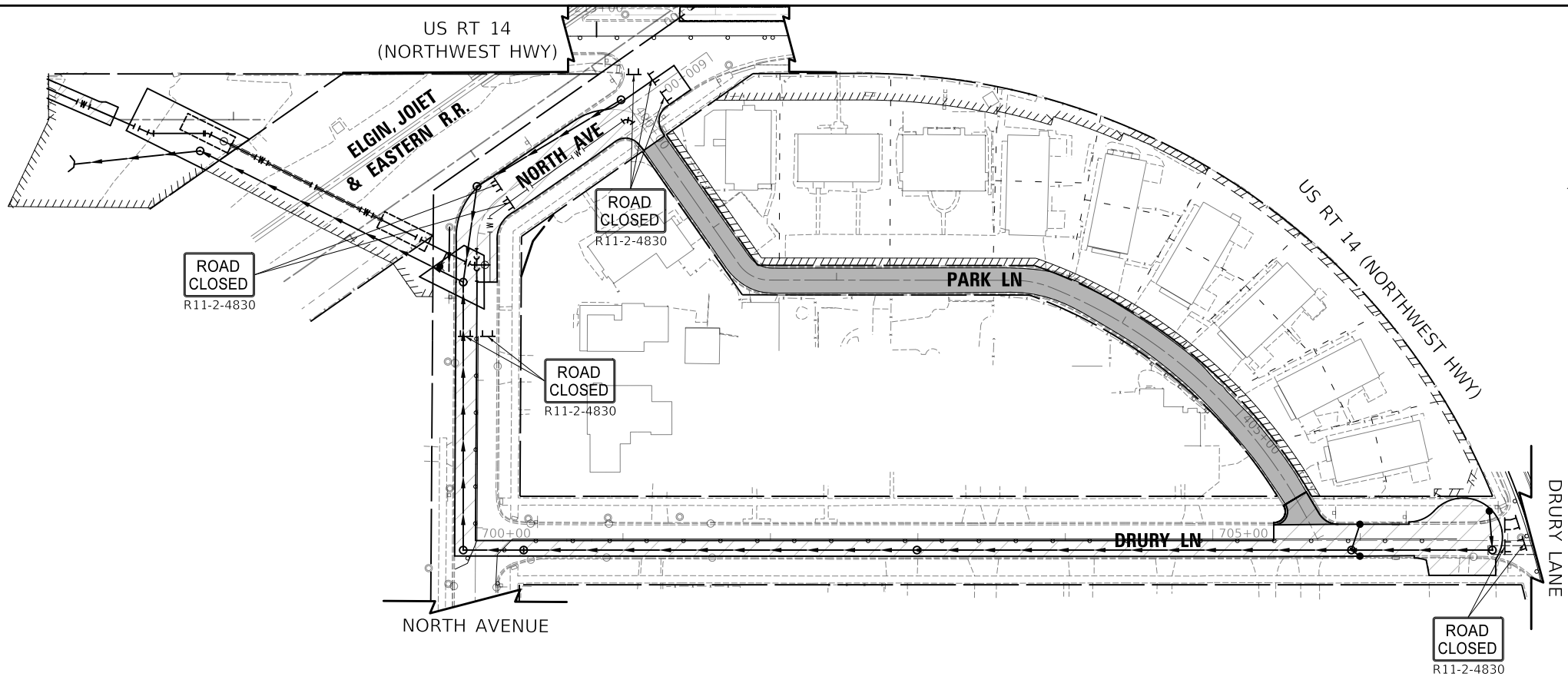
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	156
CONTRACT NO. 61J87				

ILLINOIS FED. AID PROJECT

MODEL: S:\MODEL\NAME: FILE: NAME: ...

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Fax: 630.773.3975
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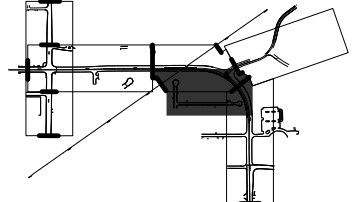
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PLOT SCALE = 100.0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -



NOTE:

1. DRURY LANE - UTILITY TRENCHES SHALL BE COVERED OR FILLED AT THE END OF EACH DAY. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".

NORTH AVENUE AND DRURY LANE



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

MODEL: \\MODEL\NAME: FILE: \\NAME: ...DRAWING: rht-mot-s1b-03.dgn

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 Fax: 630.773.3975
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PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

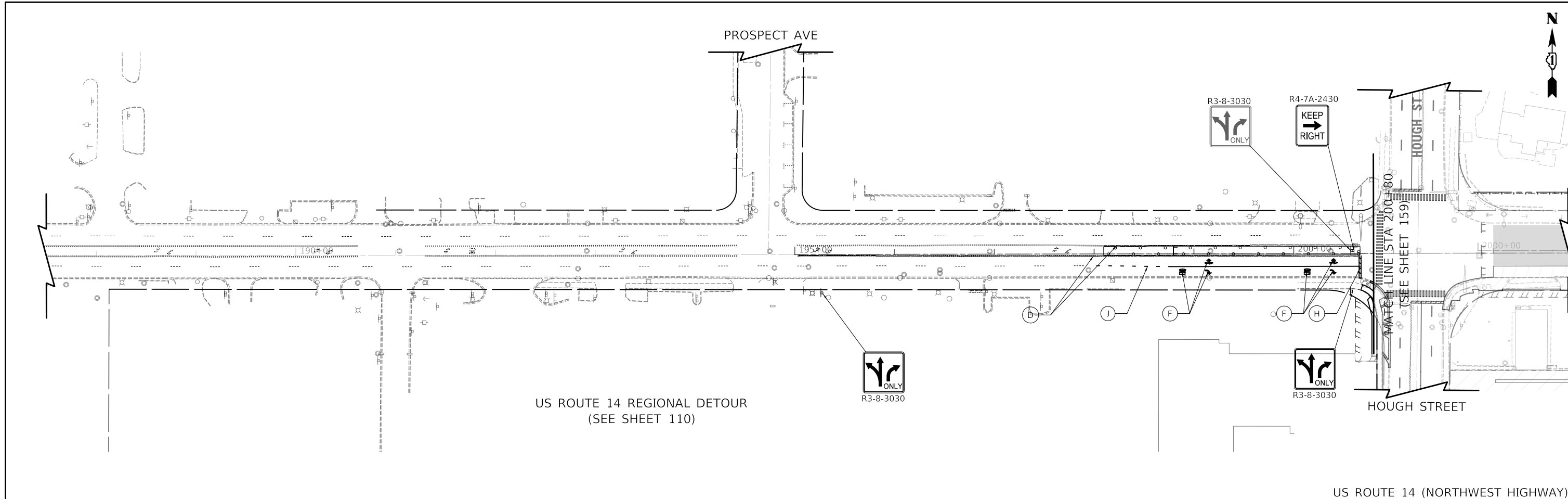
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTH AVENUE AND DRURY LANE
 SUGGESTED TRAFFIC CONTROL - STAGE 1B**

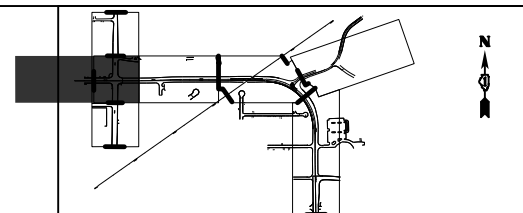
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	157
CONTRACT NO. 61J87				

ILLINOIS FED. AID PROJECT



US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

MODEL: S:\MODEL\NAME
 FILE: NAME.dwg
 DATE: 8/27/2024

Two Pierce Place, Suite 1400
 Itasca, Illinois 60143
 Tel: 630.773.3900
 Fax: 630.773.3975
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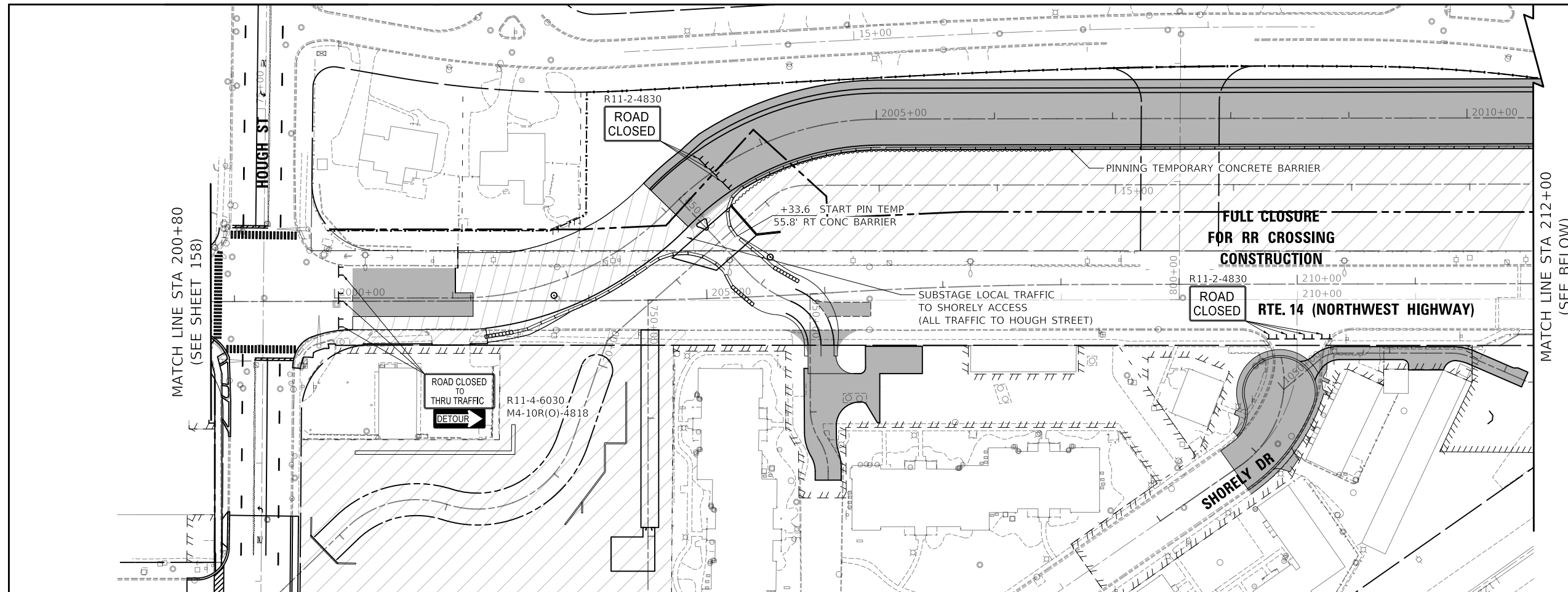
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	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

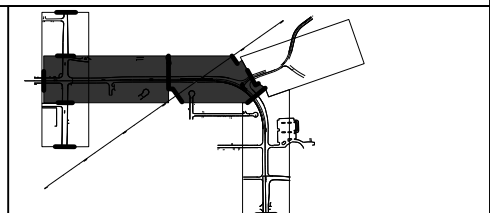
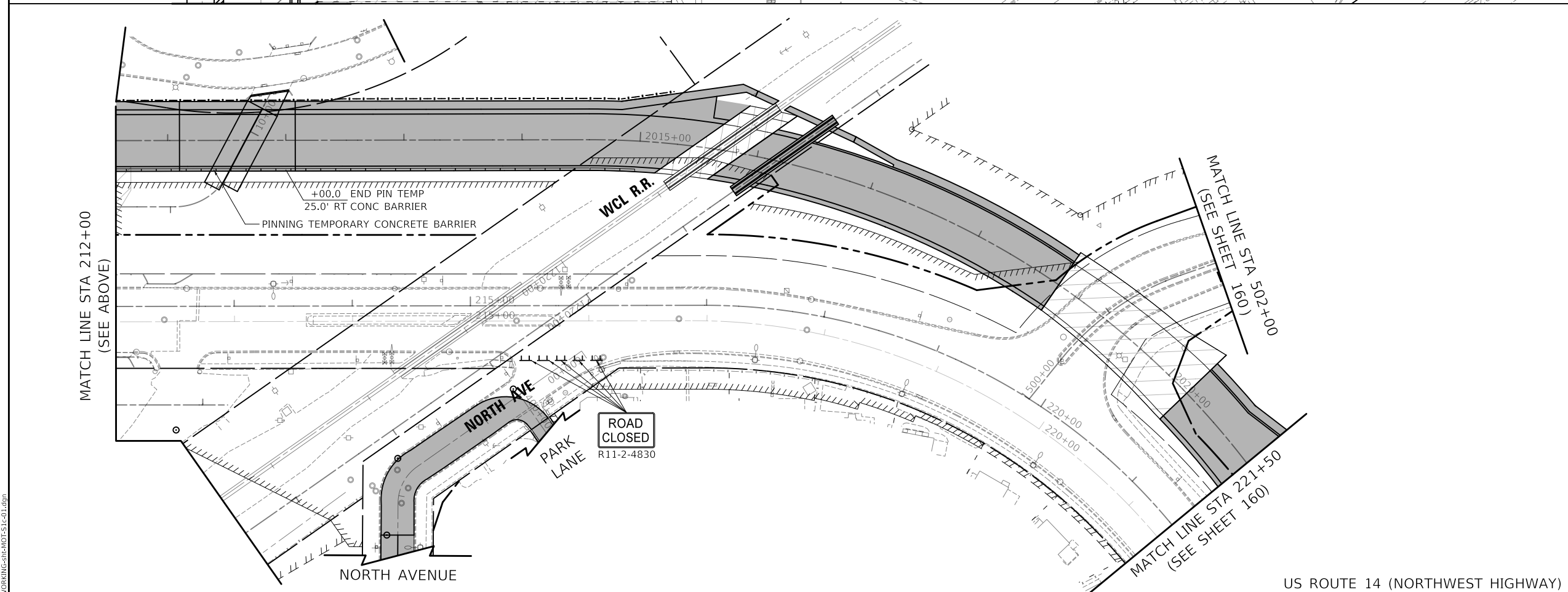
US ROUTE 14
SUGGESTED TRAFFIC CONTROL - STAGE 1C

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	158
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- (A) 4" YELLOW EDGE LINE
- (B) 4" WHITE EDGE LINE
- (C) 6" WHITE EDGE LINE
- (D) DOUBLE YELLOW 4" @ 11" C-C
- (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
- (F) WHITE LETTERS & SYMBOLS
- (G) 12" WHITE LINE @ 30" C-C
- (H) 24" WHITE STOP BAR
- (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
- (K) 12" YELLOW DIAGONALS (75' C-C)
- (#) PLACED IN PREVIOUS STAGE

US ROUTE 14 (NORTHWEST HIGHWAY)

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PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

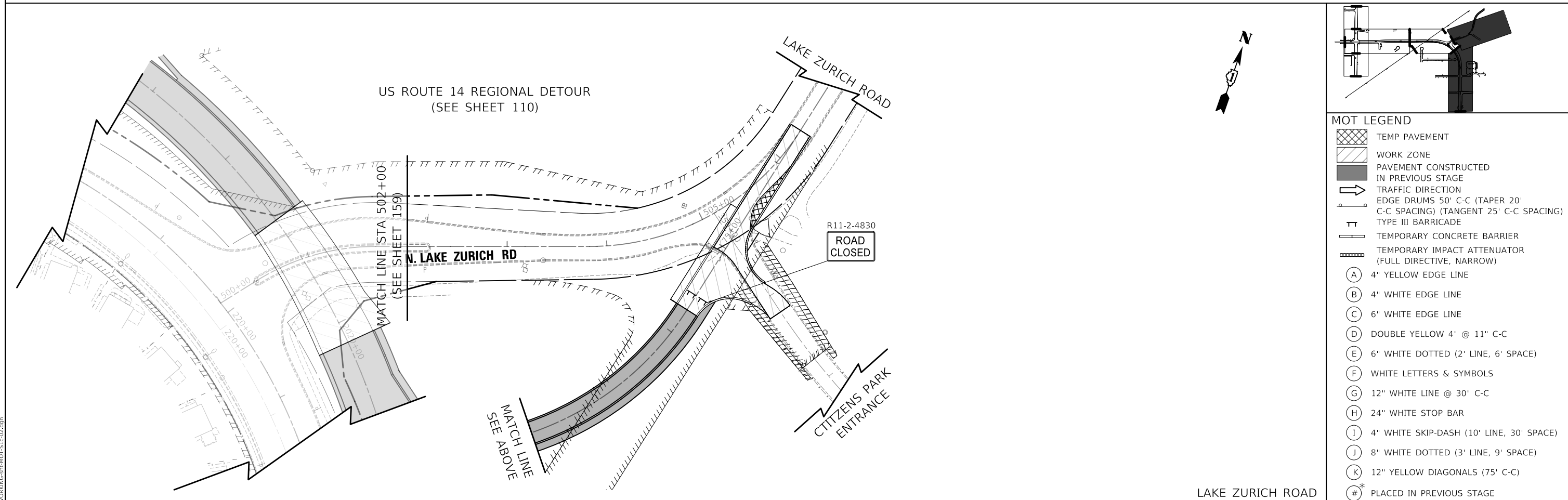
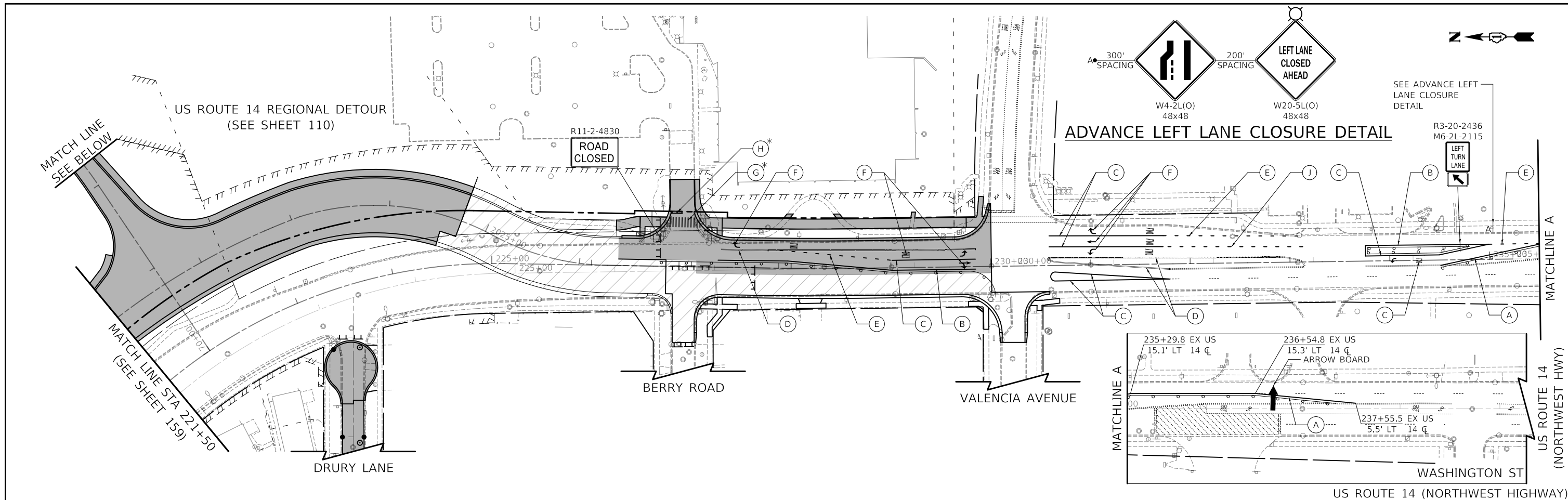
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
 SUGGESTED TRAFFIC CONTROL - STAGE 1C**

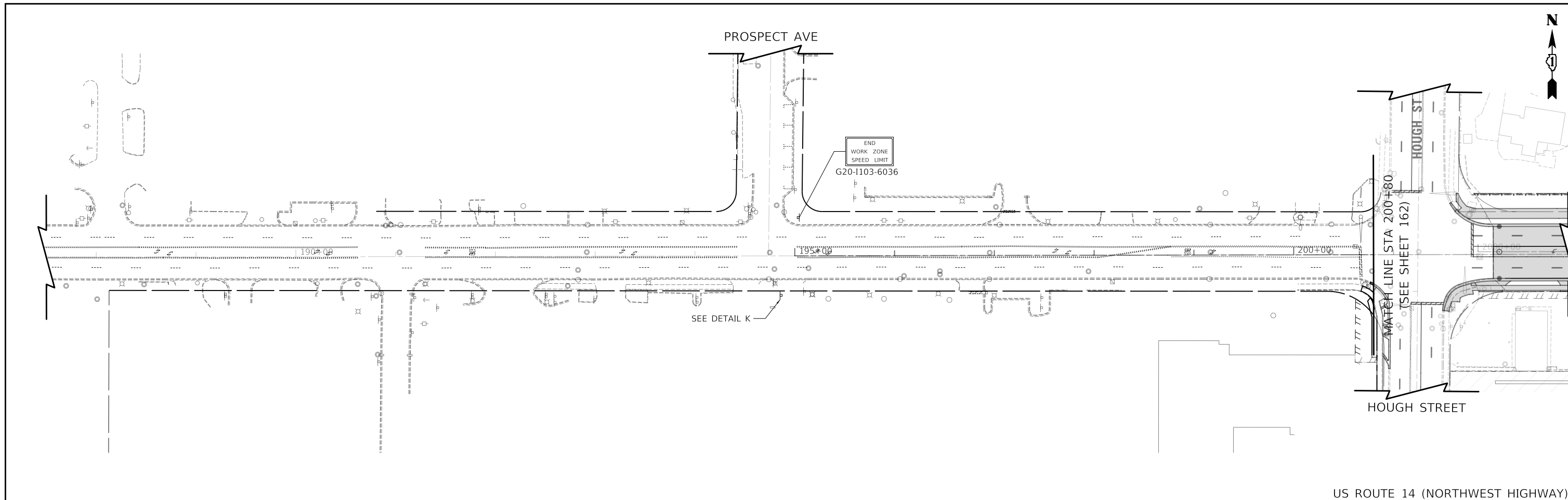
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	159
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

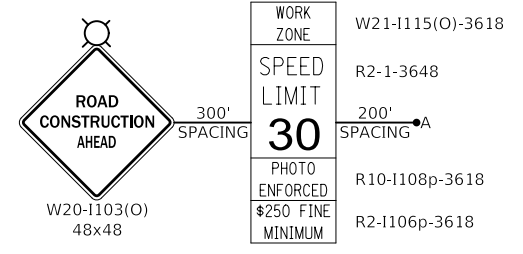
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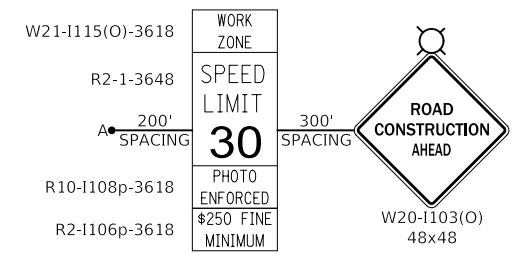
<p>Two Pierce Place, Suite 1400 Mascoutah, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com</p>	USER NAME = mc DESIGNED - PML DRAWN - PML CHECKED - DNM DATE - 08/28/2024	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 14 AND LAKE ZURICH ROAD SUGGESTED TRAFFIC CONTROL - STAGE 1C	F.A.P. RTE. 305 SECTION 11-00087-00-GS COUNTY LAKE TOTAL SHEETS 816 SHEET NO. 160 CONTRACT NO. 61J87 ILLINOIS FED. AID PROJECT
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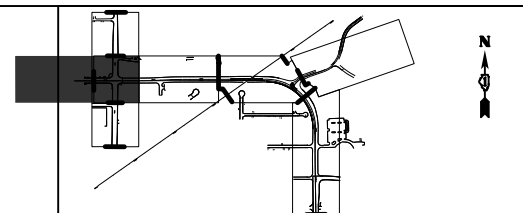
US ROUTE 14 (NORTHWEST HIGHWAY)



ADVANCE LANE CLOSURE SEQUENCE (EB DIRECTION)
DETAIL K



ADVANCE LANE CLOSURE SEQUENCE (WB DIRECTION)
DETAIL L



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- (A) 4" YELLOW EDGE LINE
- (B) 4" WHITE EDGE LINE
- (C) 6" WHITE EDGE LINE
- (D) DOUBLE YELLOW 4" @ 11" C-C
- (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
- (F) WHITE LETTERS & SYMBOLS
- (G) 12" WHITE LINE @ 30" C-C
- (H) 24" WHITE STOP BAR
- (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
- (K) 12" YELLOW DIAGONALS (75' C-C)
- (#) PLACED IN PREVIOUS STAGE

STAGE 2 NOTES

1. ALL TEMPORARY PAVEMENT MARKINGS SHOWN IN STAGE 2 SHALL BE MODIFIED URETHANE

MODEL: \\MODEL\NAME: FILE: \\NAME: ... \DRAWING: rht-1103-S2-010.dwg

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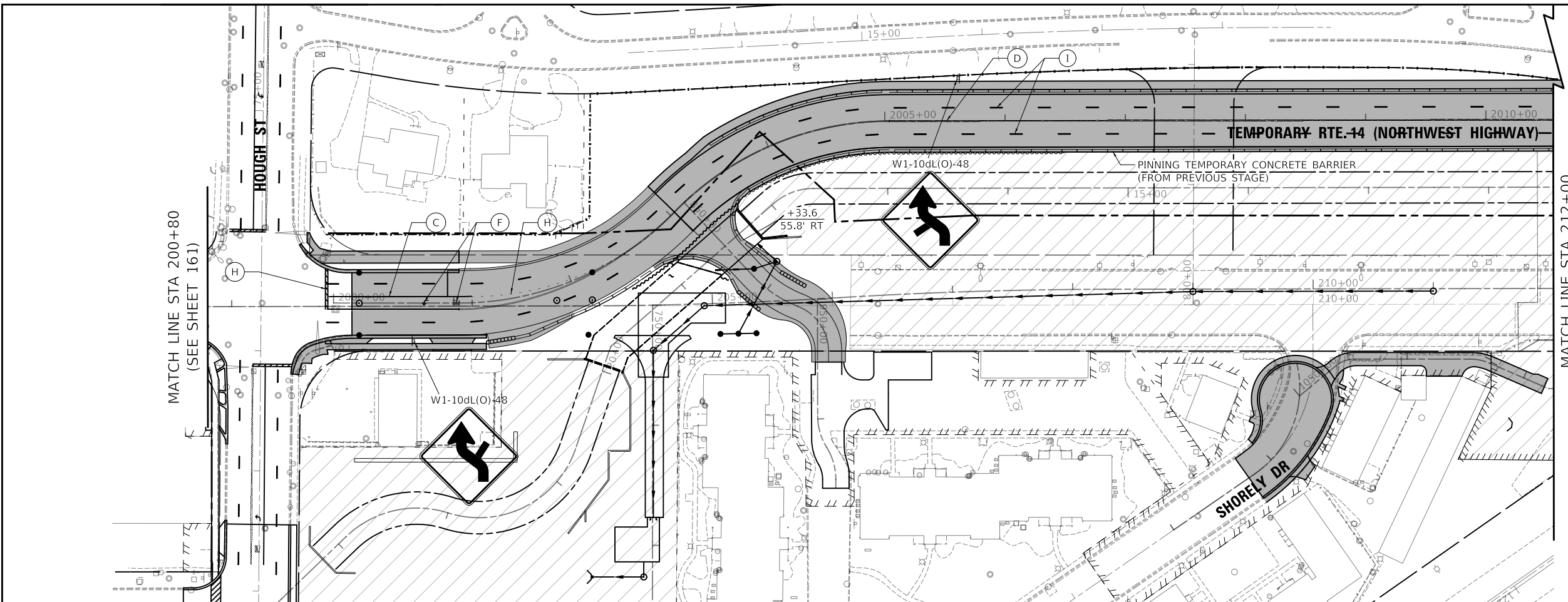
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PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
SUGGESTED TRAFFIC CONTROL - STAGE 2**

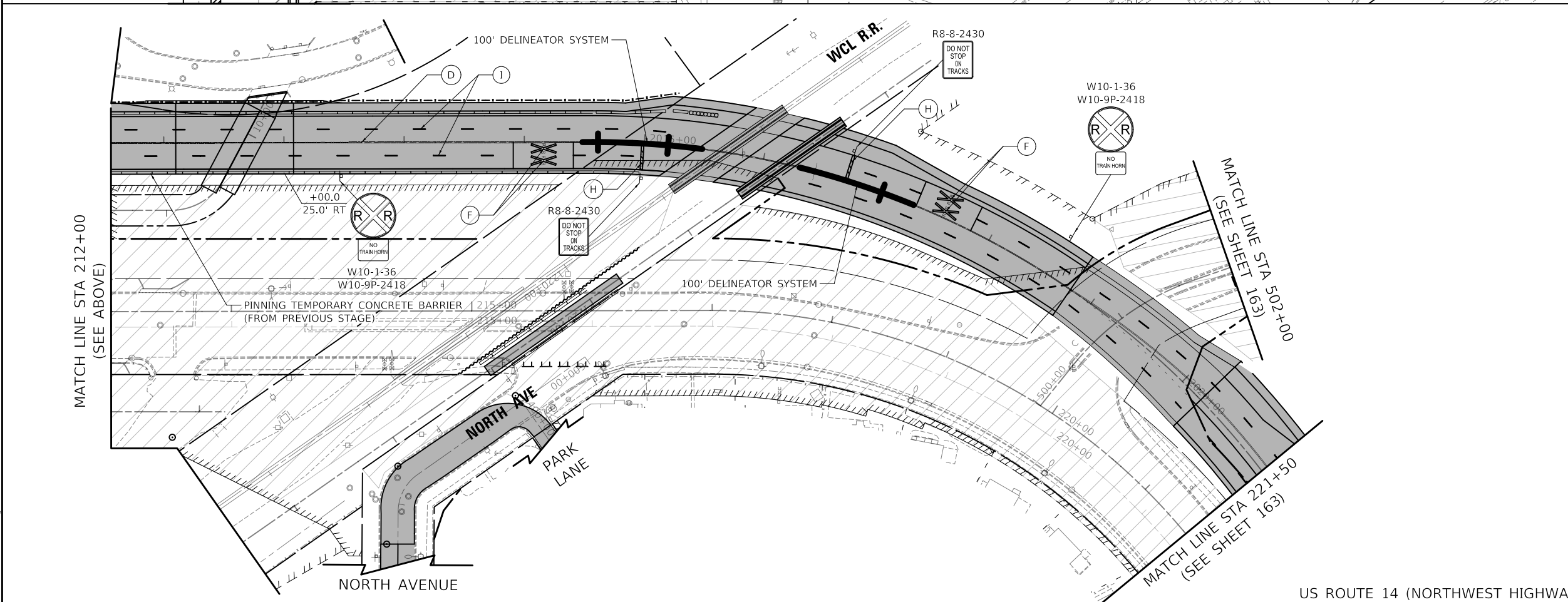
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	161
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

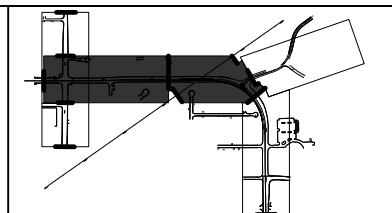


MATCH LINE STA 212+00
(SEE BELOW)

- STAGE 2 NOTES**
1. ALL TEMPORARY PAVEMENT MARKINGS SHOWN IN STAGE 2 SHALL BE MODIFIED URETHANE
 2. TEMPORARY RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED ACCORDING TO TC-11.



US ROUTE 14 (NORTHWEST HIGHWAY)



- MOT LEGEND**
- TEMP PAVEMENT
 - WORK ZONE
 - PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
 - TRAFFIC DIRECTION
 - EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
 - TYPE III BARRICADE
 - TEMPORARY CONCRETE BARRIER
 - TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
 - 4" YELLOW EDGE LINE
 - 4" WHITE EDGE LINE
 - 6" WHITE EDGE LINE
 - DOUBLE YELLOW 4" @ 11" C-C
 - 6" WHITE DOTTED (2' LINE, 6' SPACE)
 - WHITE LETTERS & SYMBOLS
 - 12" WHITE LINE @ 30" C-C
 - 24" WHITE STOP BAR
 - 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
 - 8" WHITE DOTTED (3' LINE, 9' SPACE)
 - 12" YELLOW DIAGONALS (75" C-C)
 - PLACED IN PREVIOUS STAGE

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PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

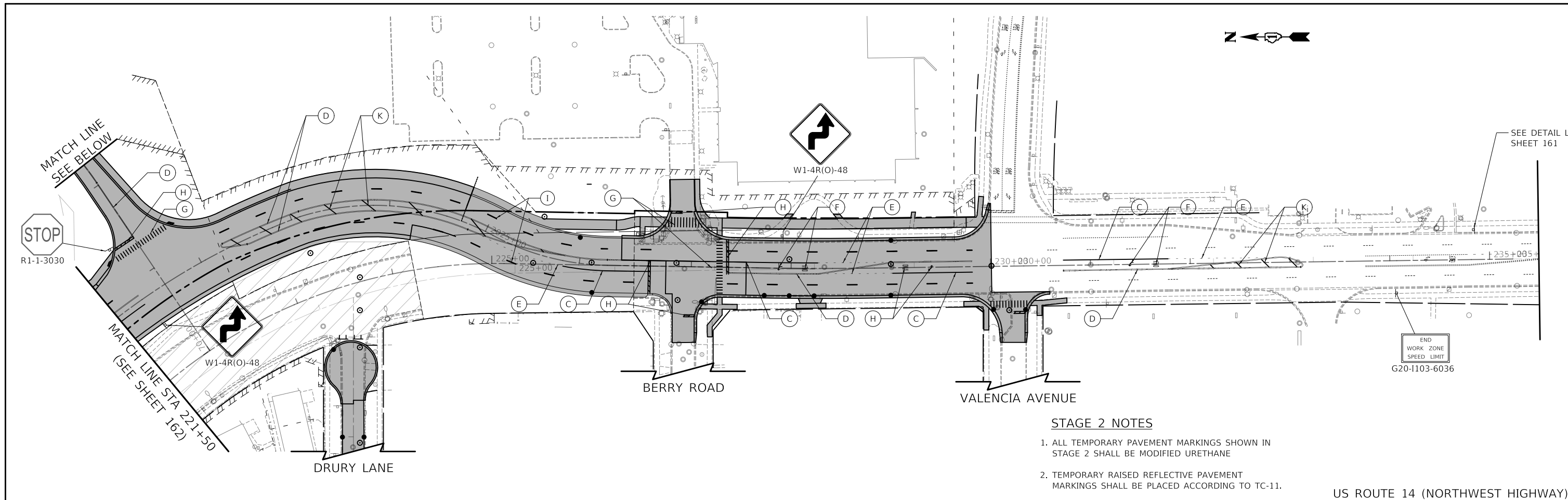
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
 SUGGESTED TRAFFIC CONTROL - STAGE 2**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	162
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

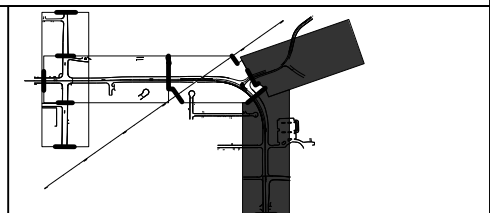
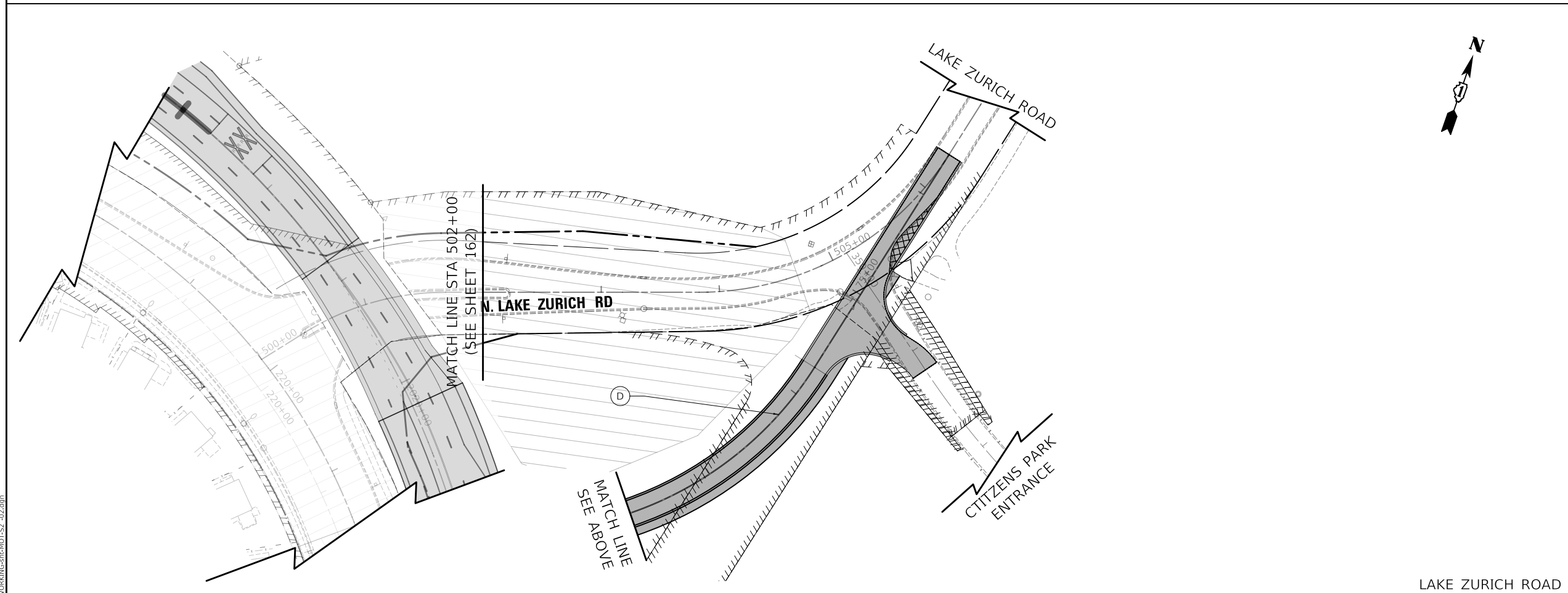
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STAGE 2 NOTES

1. ALL TEMPORARY PAVEMENT MARKINGS SHOWN IN STAGE 2 SHALL BE MODIFIED URETHANE
2. TEMPORARY RAISED REFLECTIVE PAVEMENT MARKINGS SHALL BE PLACED ACCORDING TO TC-11.

US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

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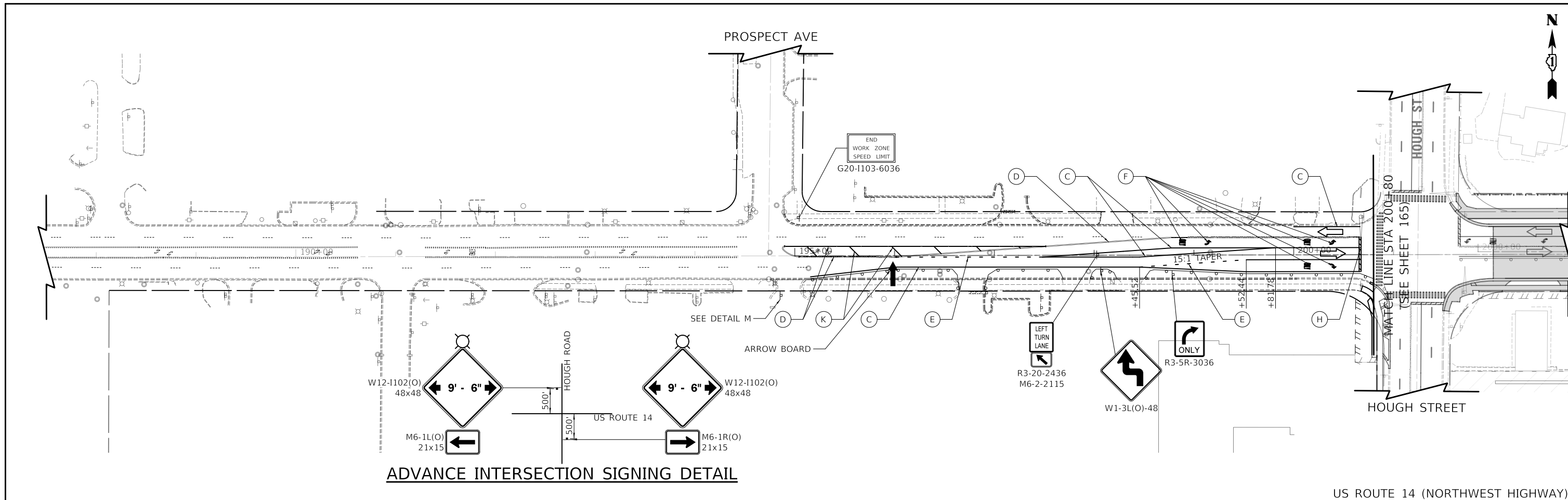
 Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	USER NAME = mc	DESIGNED - PML	REVISED -
	PLOT SCALE = 100.0000' / in.	DRAWN - PML	REVISED -
	PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
		DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 14 AND LAKE ZURICH ROAD
SUGGESTED TRAFFIC CONTROL - STAGE 2

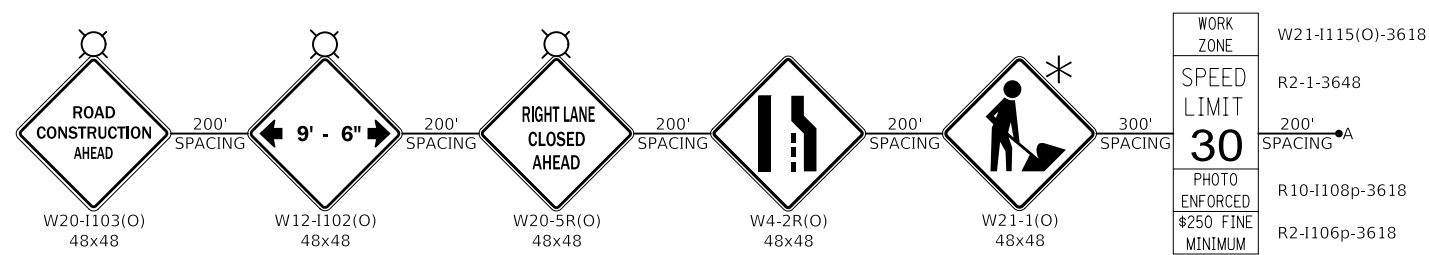
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	163
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



ADVANCE INTERSECTION SIGNING DETAIL

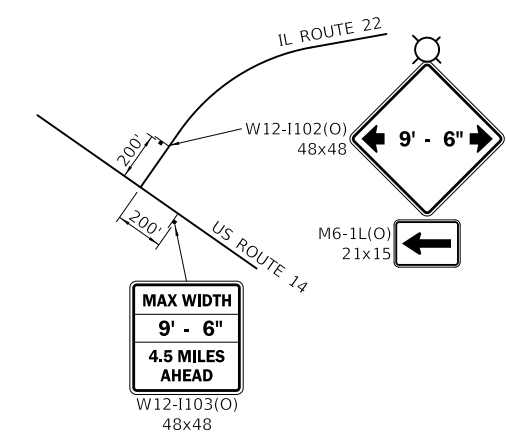
US ROUTE 14 (NORTHWEST HIGHWAY)



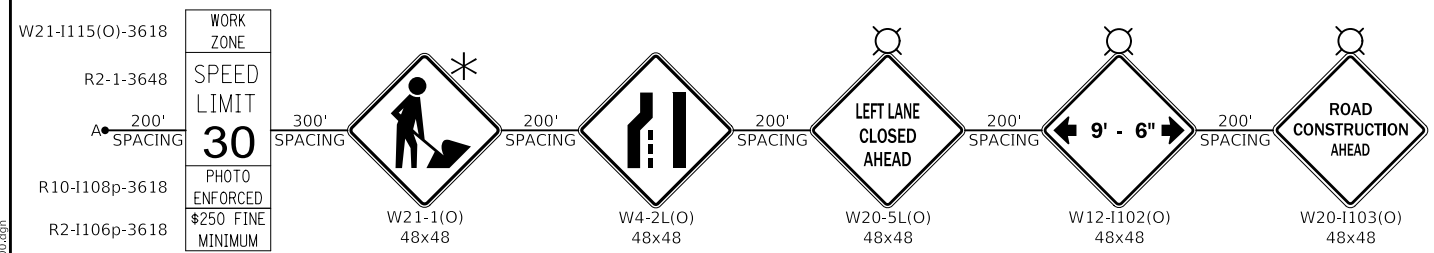
ADVANCE LANE CLOSURE SEQUENCE (EB DIRECTION)

DETAIL M

*MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT. DO NOT POST MOUNT IN THE GROUND.

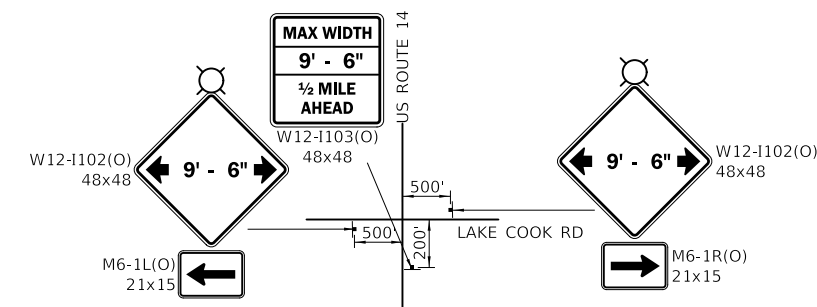


ADVANCE INTERSECTION SIGNING DETAIL

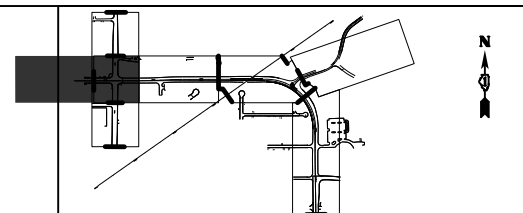


ADVANCE LANE CLOSURE SEQUENCE (WB DIRECTION)

DETAIL N



ADVANCE INTERSECTION SIGNING DETAIL



MOT LEGEND

- (A) 4" YELLOW EDGE LINE
- (B) 4" WHITE EDGE LINE
- (C) 6" WHITE EDGE LINE
- (D) DOUBLE YELLOW 4" @ 11" C-C
- (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
- (F) WHITE LETTERS & SYMBOLS
- (G) 12" WHITE LINE @ 30" C-C
- (H) 24" WHITE STOP BAR
- (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
- (K) 12" YELLOW DIAGONALS (75' C-C)
- (#) PLACED IN PREVIOUS STAGE

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FILE NAME: ...WORKING-INT-MOT-S2-200.dwg

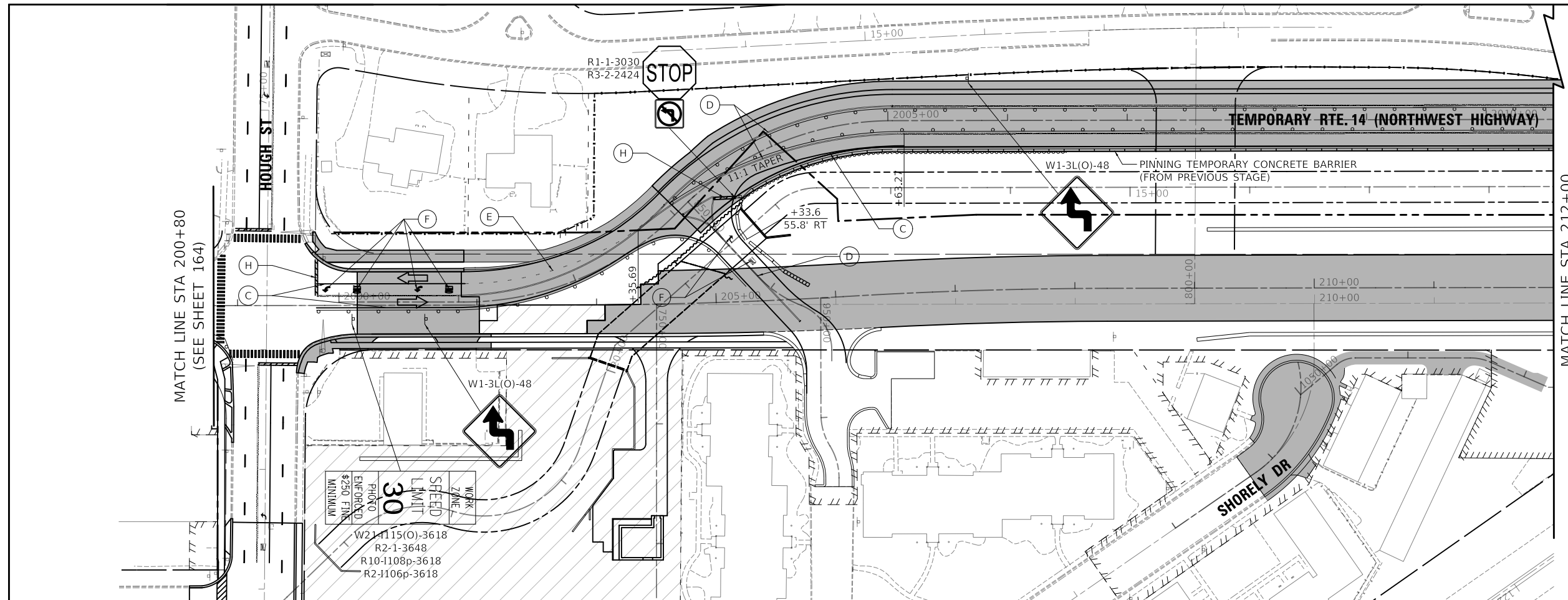
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Tel: 630.773.3900
Fax: 630.773.3975
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	DRAWN - PML	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 14			
SUGGESTED TRAFFIC CONTROL - STAGE 2A			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-G5	LAKE	816	164
CONTRACT NO. 61J87				
ILLINOIS / FED. AID PROJECT				

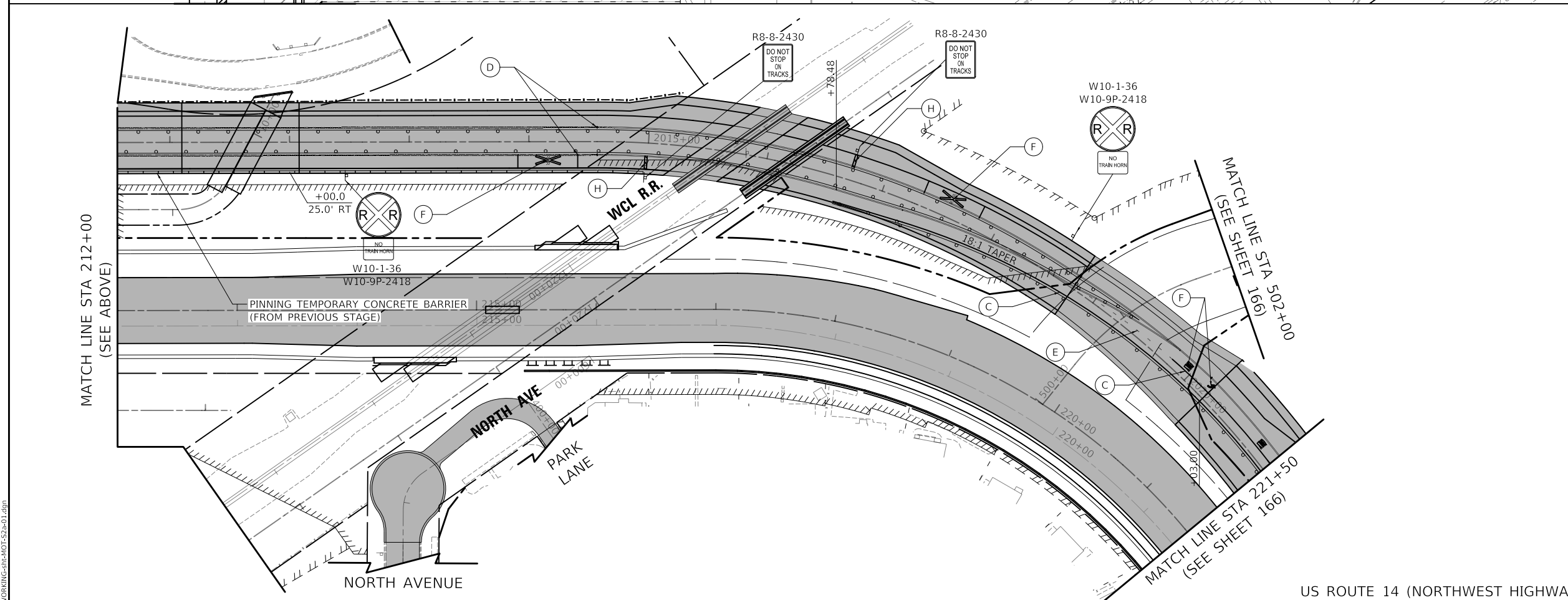
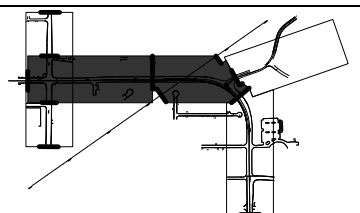


MATCH LINE STA 212+00
(SEE BELOW)

MATCH LINE STA 200+80
(SEE SHEET 164)

WORK ZONE
LIMIT
30
SEED
LIMIT
\$250
MINIMUM
PHOTO
ENFORCED
R10-1108p-3618
R2-1-3648
R2-1106p-3618

US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

MATCH LINE STA 212+00
(SEE ABOVE)

MATCH LINE STA 502+00
(SEE SHEET 166)

US ROUTE 14 (NORTHWEST HIGHWAY)

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DATE: 8/27/2024

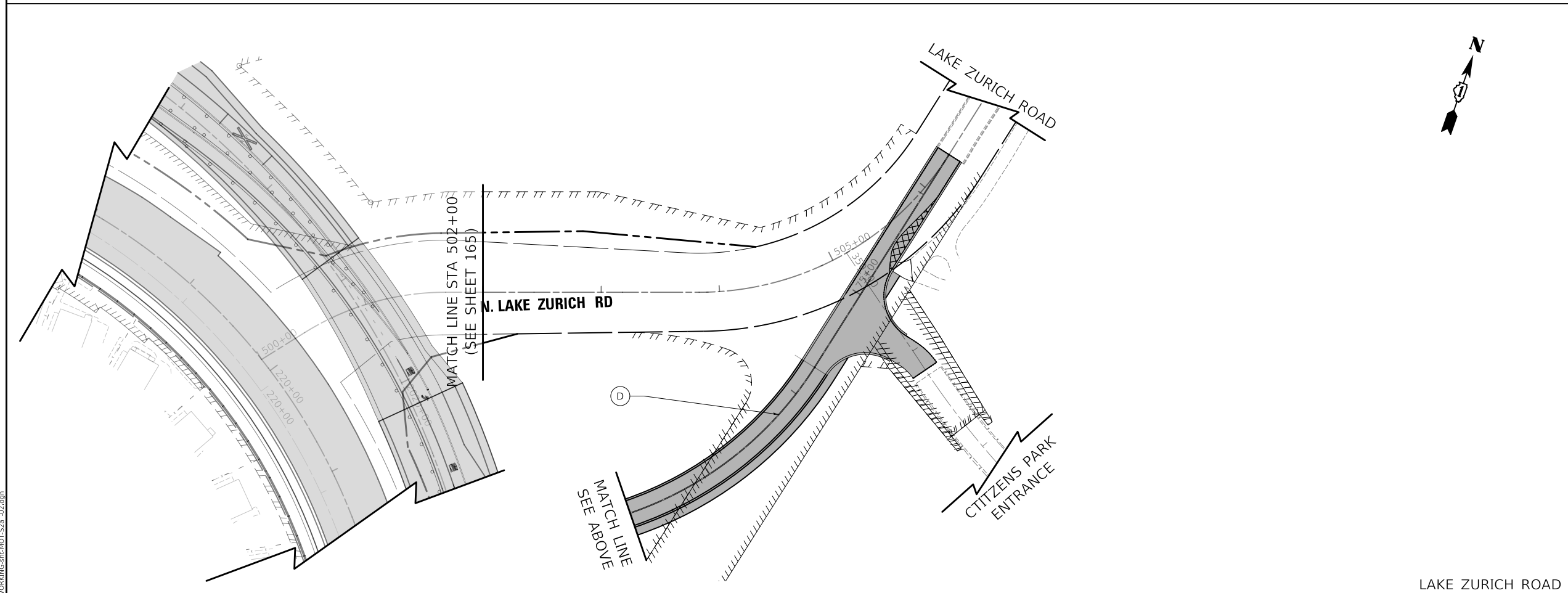
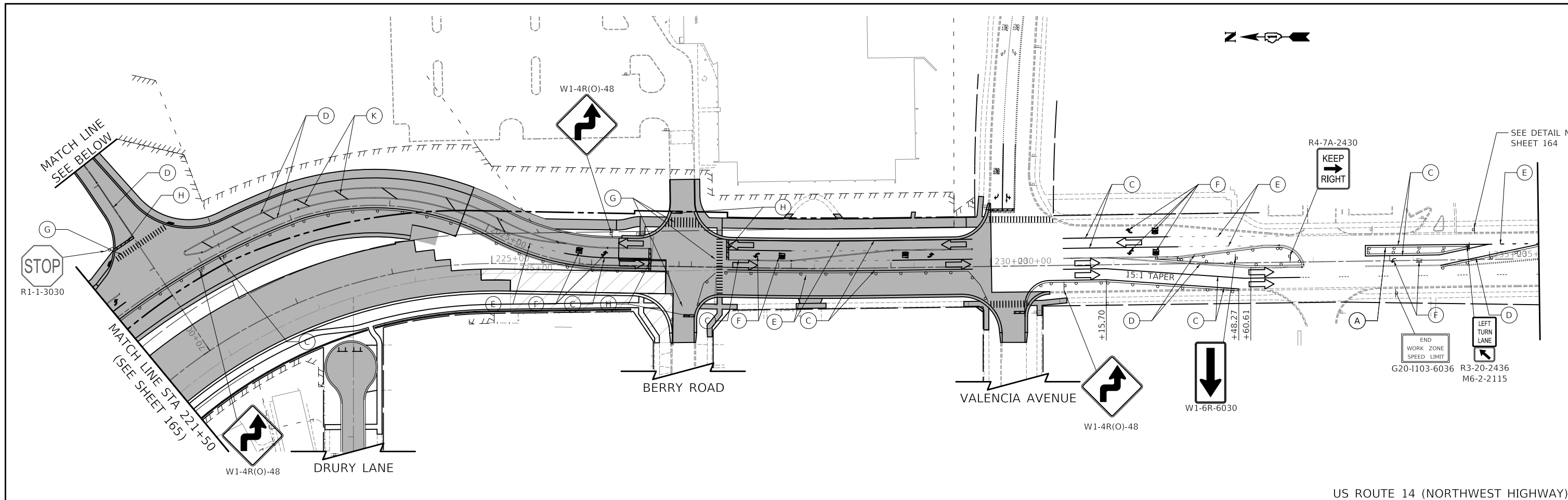
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PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
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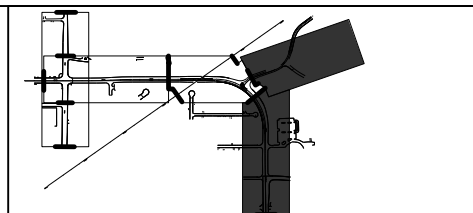
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US ROUTE 14 SUGGESTED TRAFFIC CONTROL - STAGE 2A			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	165
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

LAKE ZURICH ROAD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 14 AND LAKE ZURICH ROAD
SUGGESTED TRAFFIC CONTROL - STAGE 2A

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

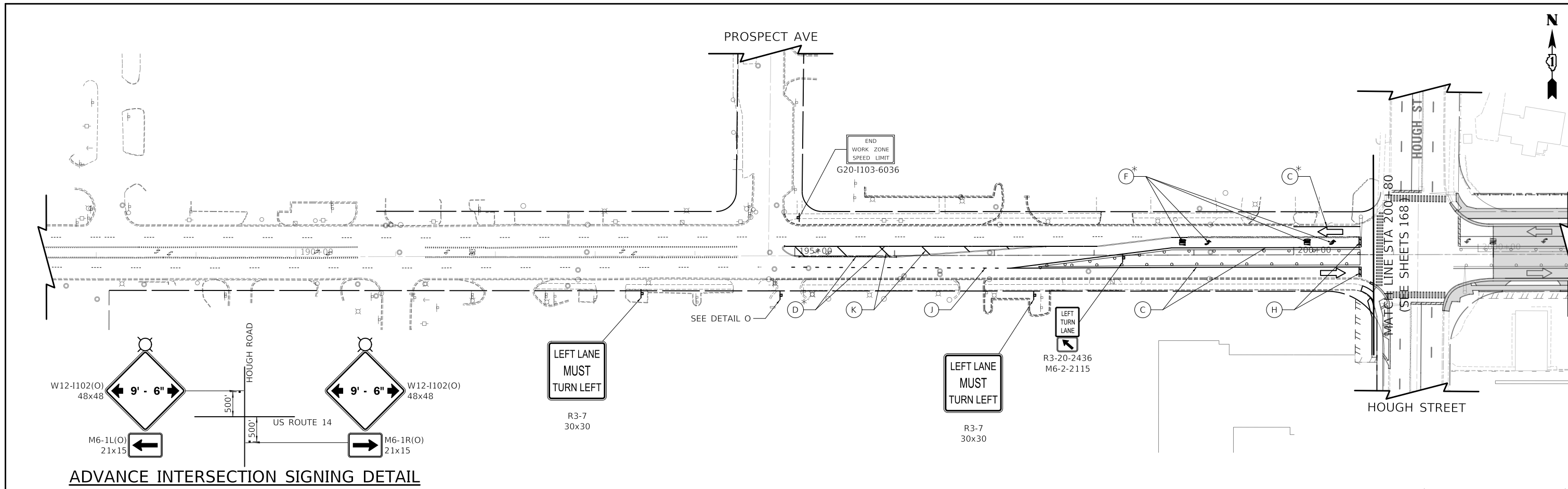
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	166
CONTRACT NO. 61J87				

ILLINOIS FED. AID PROJECT

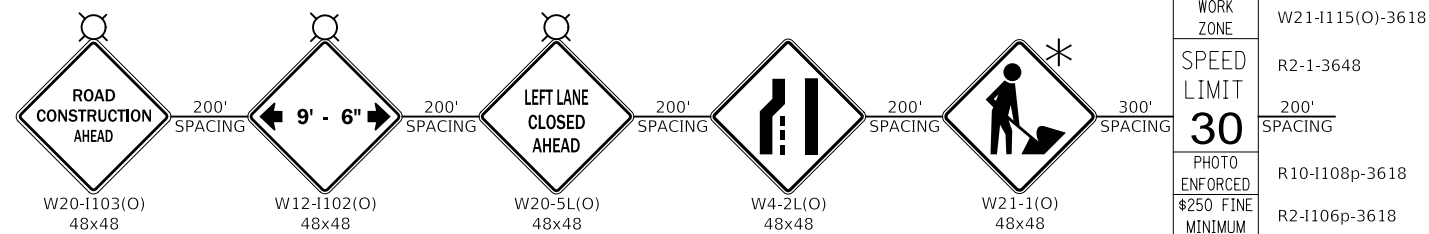
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PLOT SCALE = 100.0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -



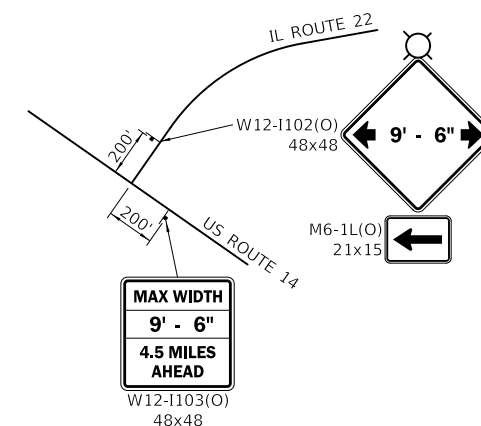
ADVANCE INTERSECTION SIGNING DETAIL



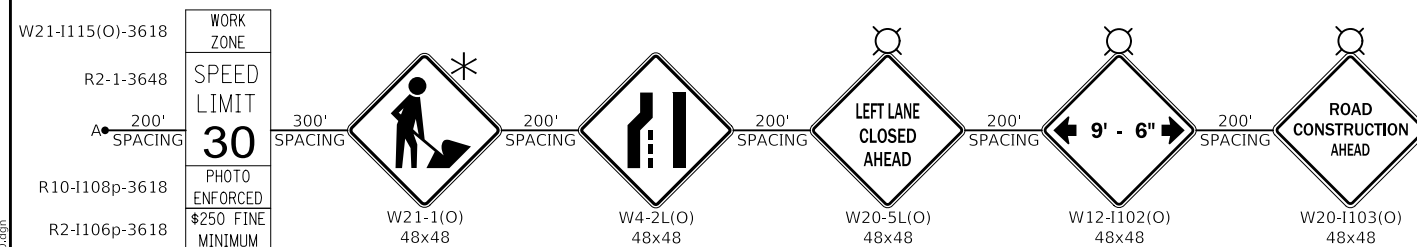
ADVANCE LANE CLOSURE SEQUENCE (EB DIRECTION)

DETAIL O

*MUST BE REMOVED WHEN WORKERS ARE NOT PRESENT. DO NOT POST MOUNT IN THE GROUND.

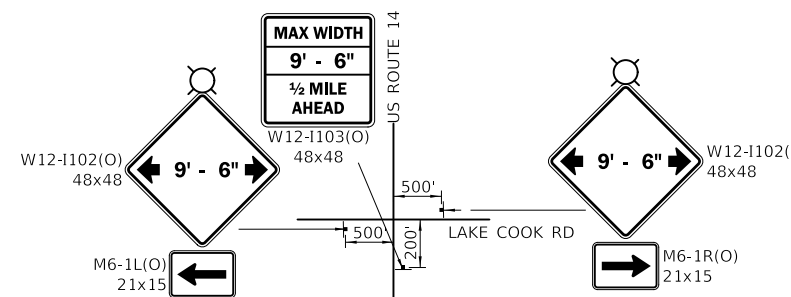


ADVANCE INTERSECTION SIGNING DETAIL

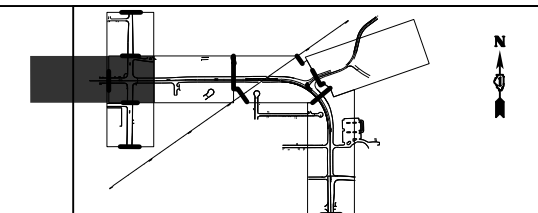


ADVANCE LANE CLOSURE SEQUENCE (WB DIRECTION)

DETAIL P



ADVANCE INTERSECTION SIGNING DETAIL



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- (A) 4" YELLOW EDGE LINE
- (B) 4" WHITE EDGE LINE
- (C) 6" WHITE EDGE LINE
- (D) DOUBLE YELLOW 4" @ 11" C-C
- (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
- (F) WHITE LETTERS & SYMBOLS
- (G) 12" WHITE LINE @ 30' C-C
- (H) 24" WHITE STOP BAR
- (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
- (K) 12" YELLOW DIAGONALS (75' C-C)
- (#) PLACED IN PREVIOUS STAGE

MODEL: S:\MODEL\NAME: FILE: S:\NAME: ...

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	DRAWN - PML	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DNM	REVISED -
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

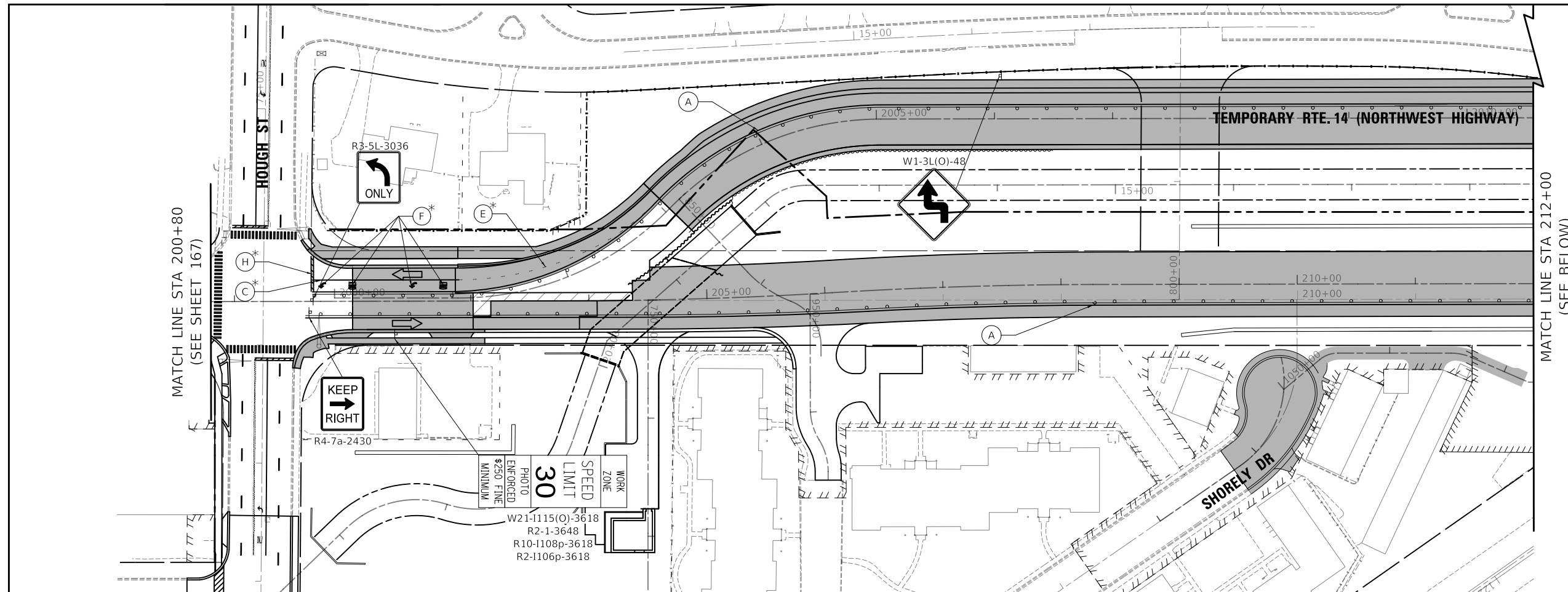
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
SUGGESTED TRAFFIC CONTROL - STAGE 2B**

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

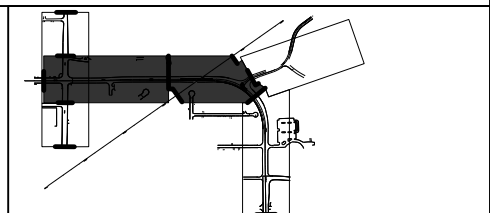
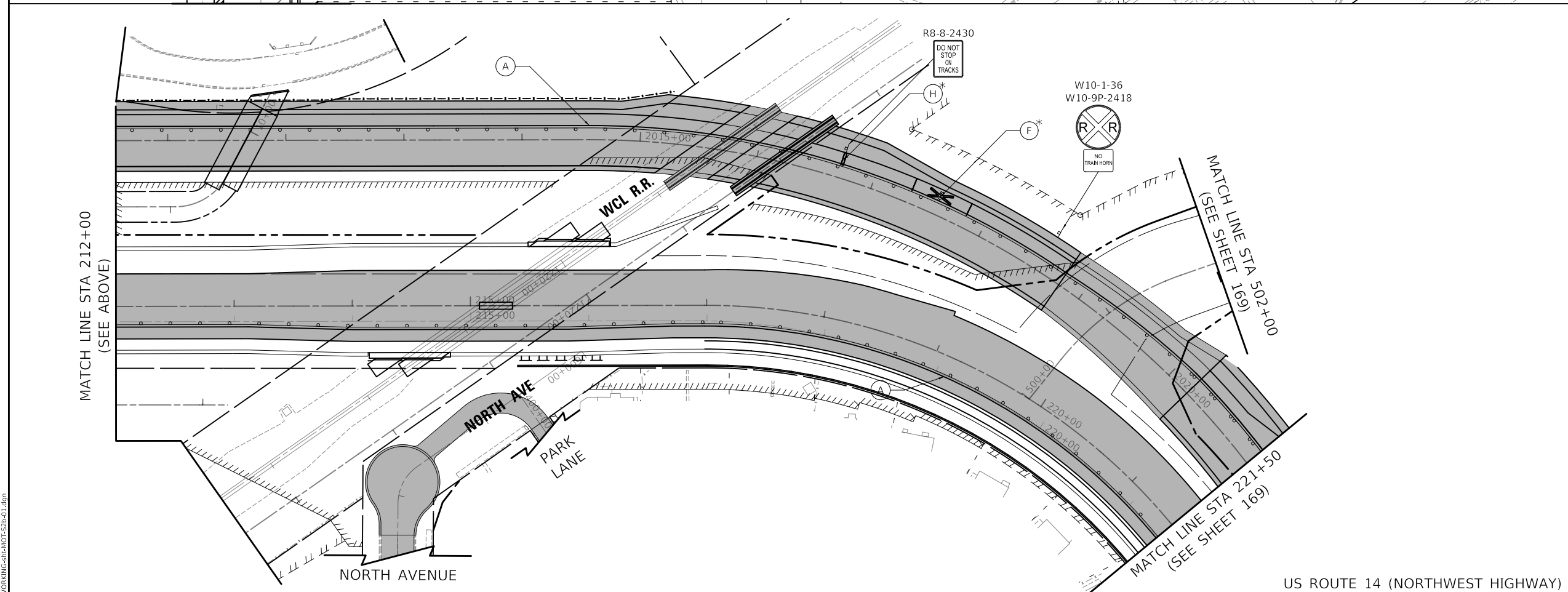
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-G5	LAKE	816	167
CONTRACT NO. 61J87				

ILLINOIS FED. AID PROJECT



MATCH LINE STA 212+00
(SEE BELOW)

US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	168
CONTRACT NO. 61J87				

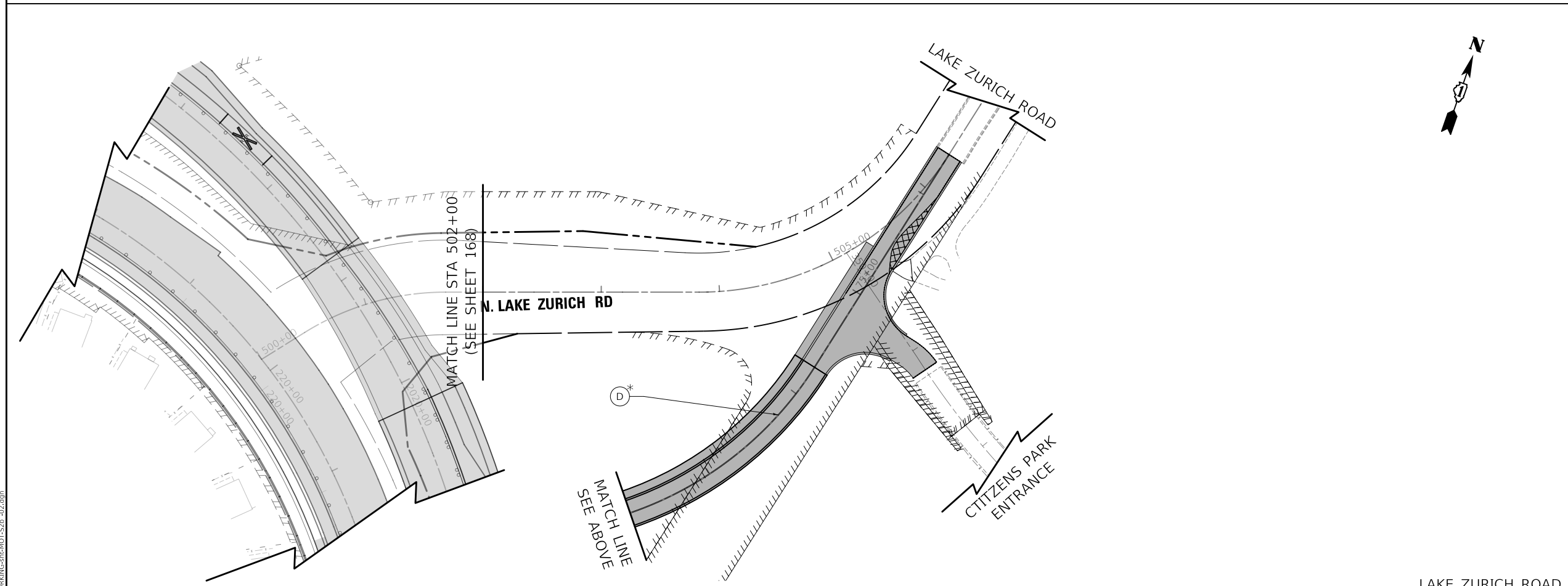
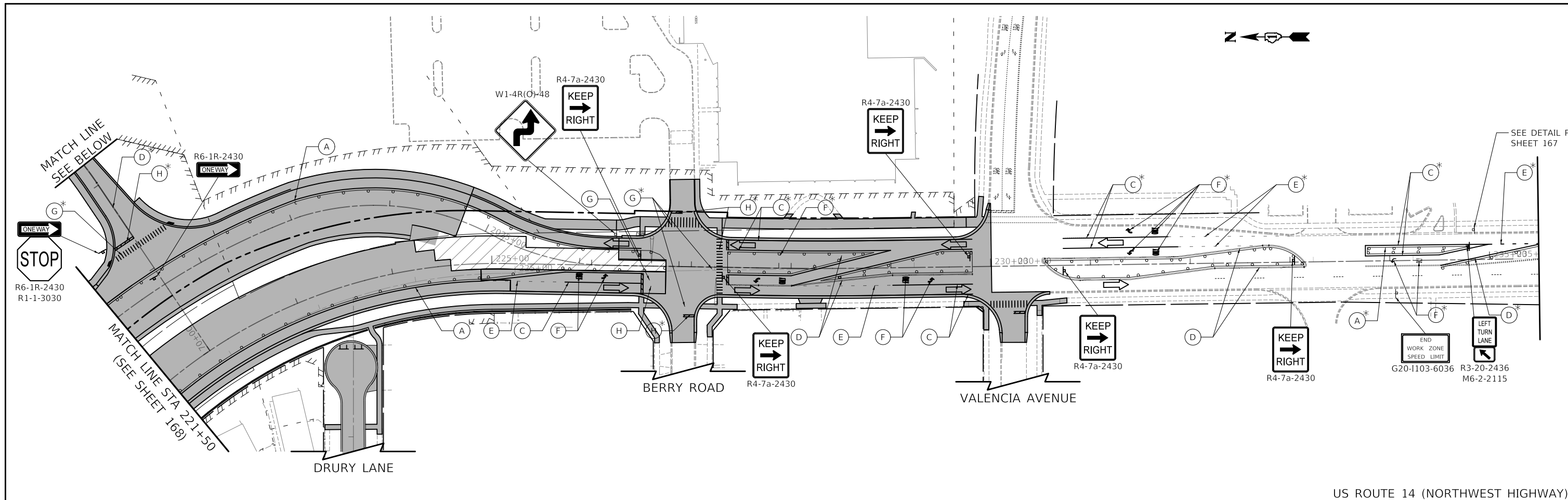
<p>Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com</p>	USER NAME = mc	DESIGNED - PML	REVISED -
	PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
	PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
		DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

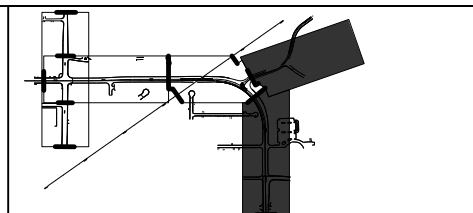
**US ROUTE 14
SUGGESTED TRAFFIC CONTROL - STAGE 2B**

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

MODEL: S:\MODEL\NAME: FILE NAME: ...\DRAWING: rht-2024-523-01.dwg



US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

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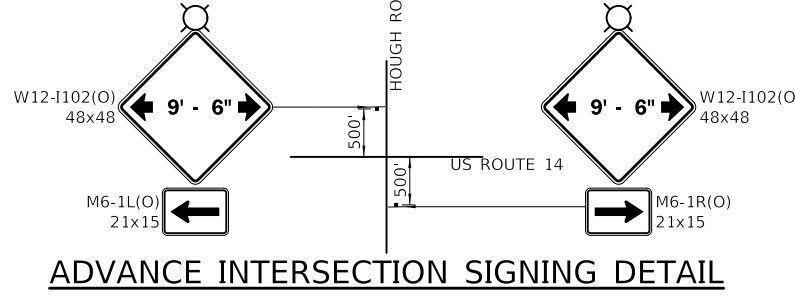
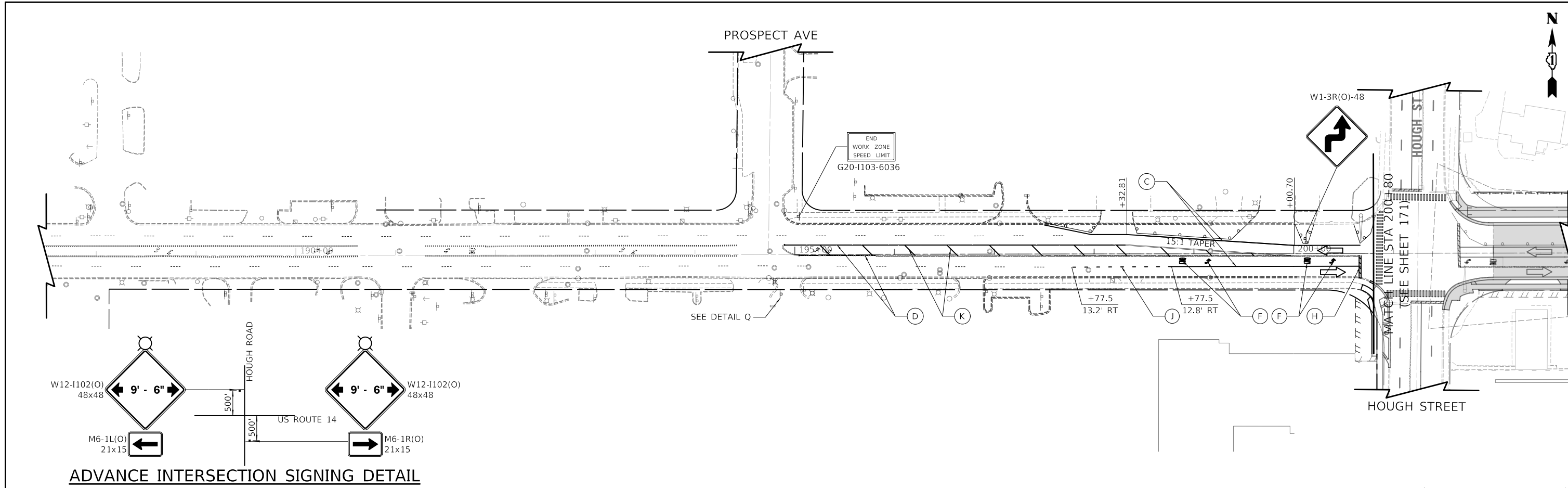
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PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

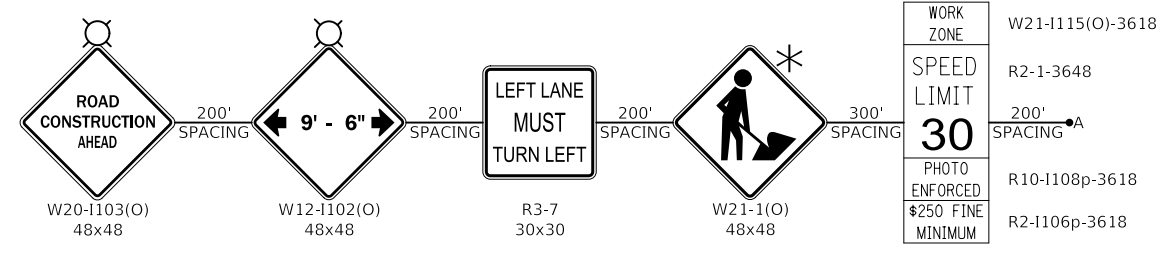
US ROUTE 14 AND LAKE ZURICH ROAD
SUGGESTED TRAFFIC CONTROL - STAGE 2B

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	169
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



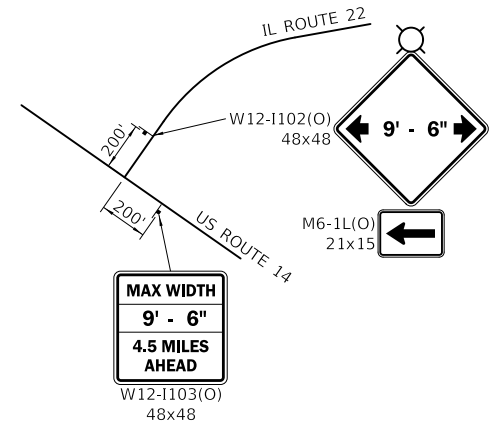
ADVANCE INTERSECTION SIGNING DETAIL

US ROUTE 14 (NORTHWEST HIGHWAY)

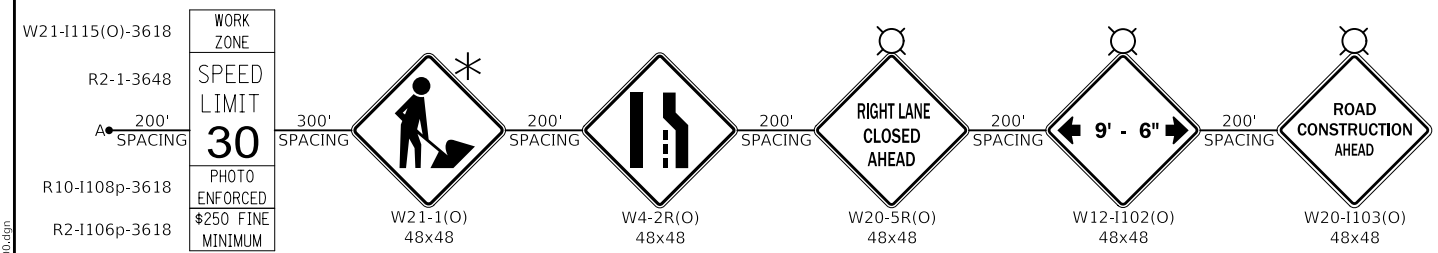


ADVANCE LANE CLOSURE SEQUENCE (EB DIRECTION) DETAIL Q

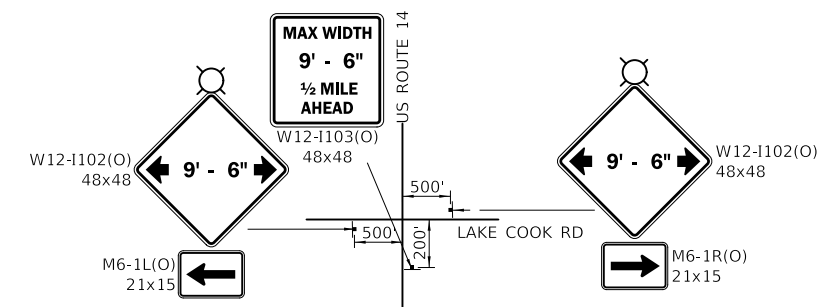
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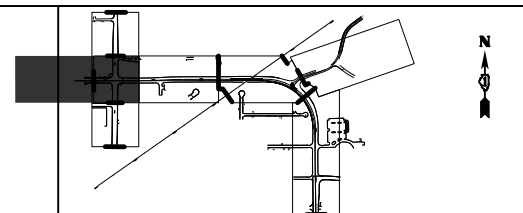
ADVANCE INTERSECTION SIGNING DETAIL



ADVANCE LANE CLOSURE SEQUENCE (WB DIRECTION) DETAIL R



ADVANCE INTERSECTION SIGNING DETAIL



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- (A) 4" YELLOW EDGE LINE
- (B) 4" WHITE EDGE LINE
- (C) 6" WHITE EDGE LINE
- (D) DOUBLE YELLOW 4" @ 11" C-C
- (E) 6" WHITE DOTTED (2' LINE, 6' SPACE)
- (F) WHITE LETTERS & SYMBOLS
- (G) 12" WHITE LINE @ 30" C-C
- (H) 24" WHITE STOP BAR
- (I) 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- (J) 8" WHITE DOTTED (3' LINE, 9' SPACE)
- (K) 12" YELLOW DIAGONALS (75' C-C)
- (#) PLACED IN PREVIOUS STAGE

MODEL: S:\MODEL\NAME: FILE NAME: ...

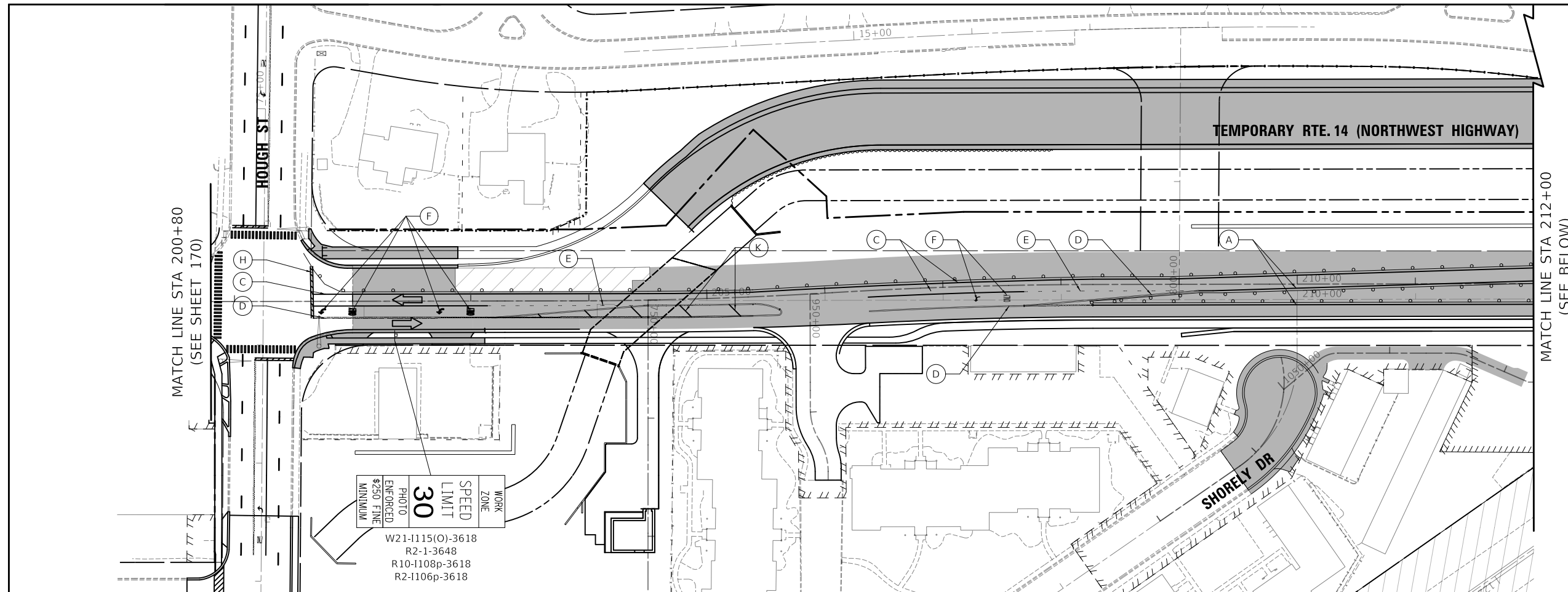
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PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

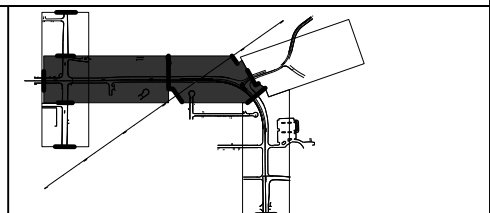
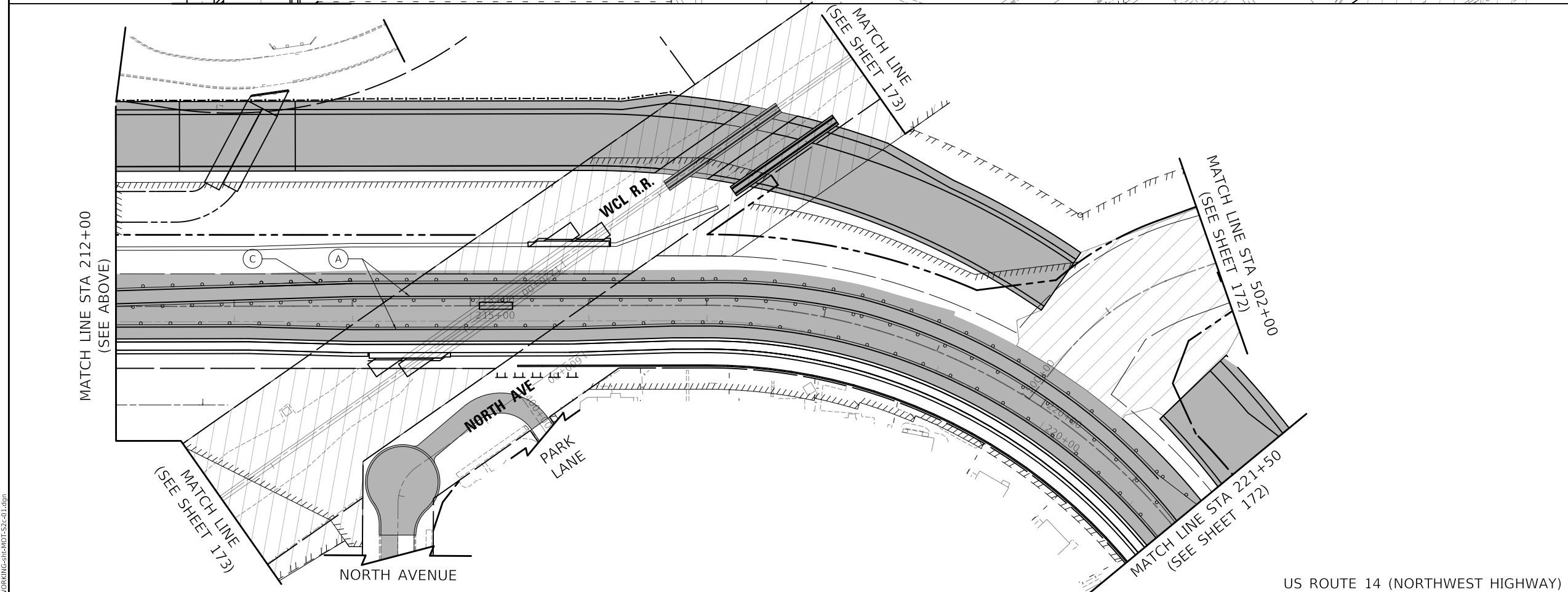
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US ROUTE 14 SUGGESTED TRAFFIC CONTROL - STAGE 2C			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-G5	LAKE	816	170
CONTRACT NO. 61J87				
ILLINOIS / FED. AID PROJECT				



US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

US ROUTE 14 (NORTHWEST HIGHWAY)

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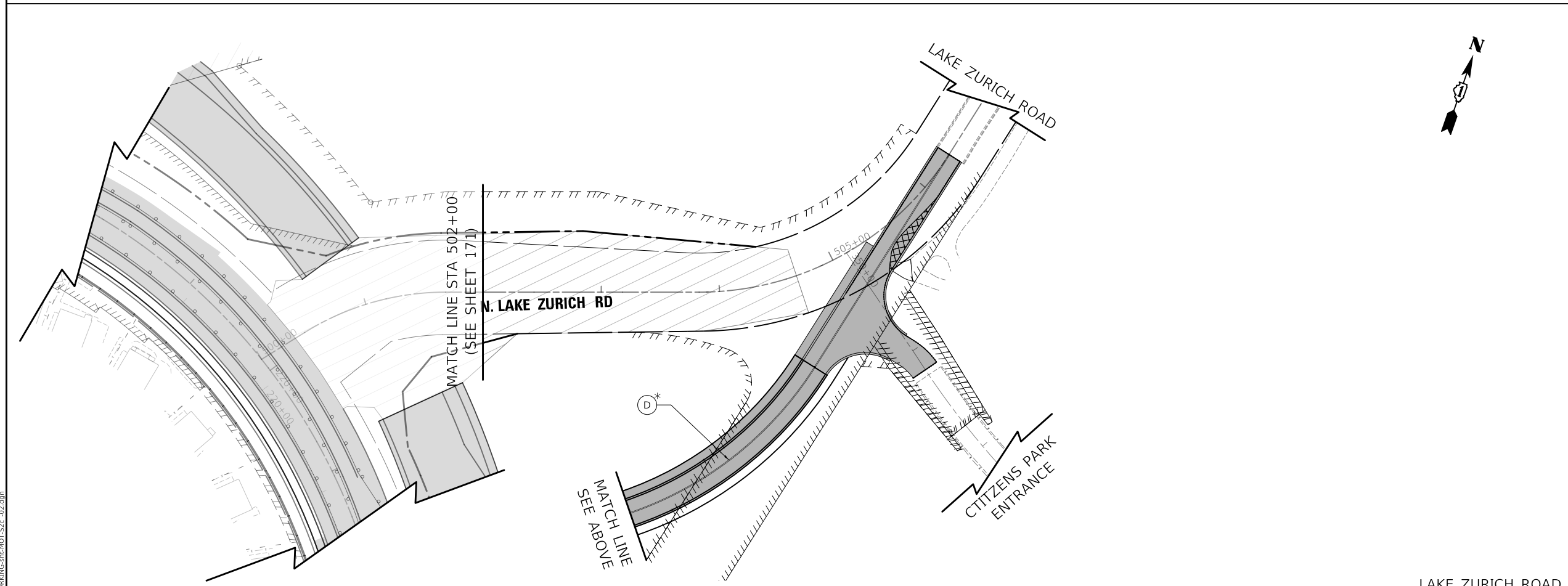
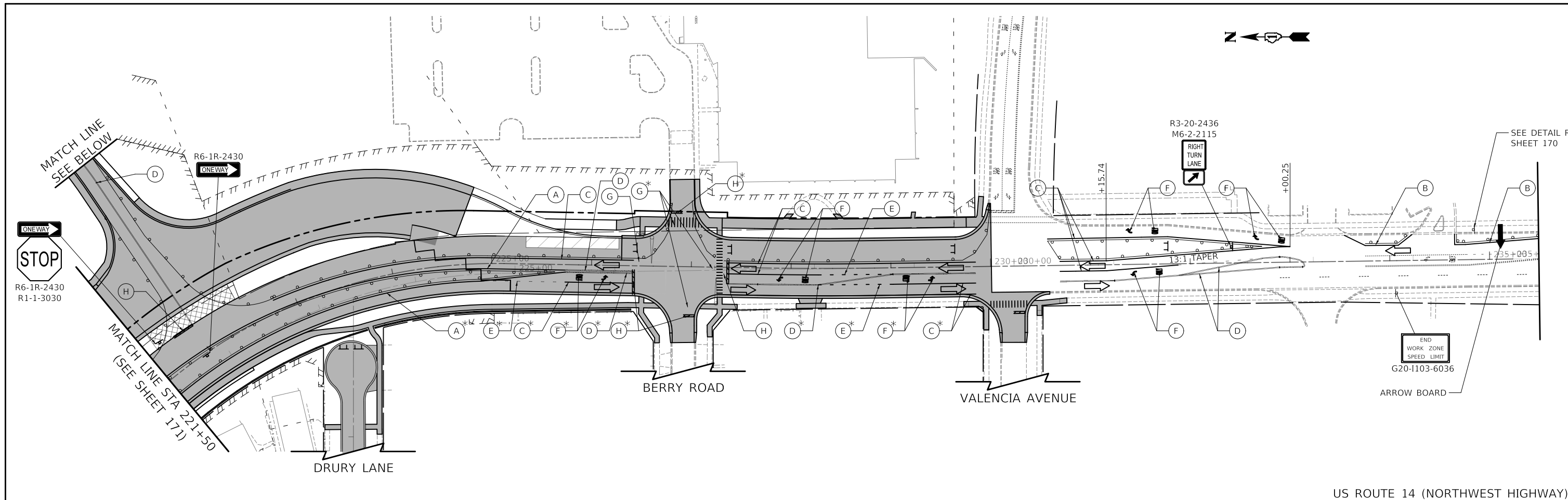
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PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

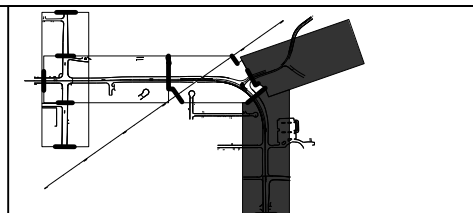
**US ROUTE 14
SUGGESTED TRAFFIC CONTROL - STAGE 2C**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	171
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

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PLOT SCALE = 100,0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

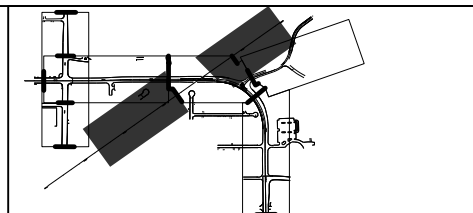
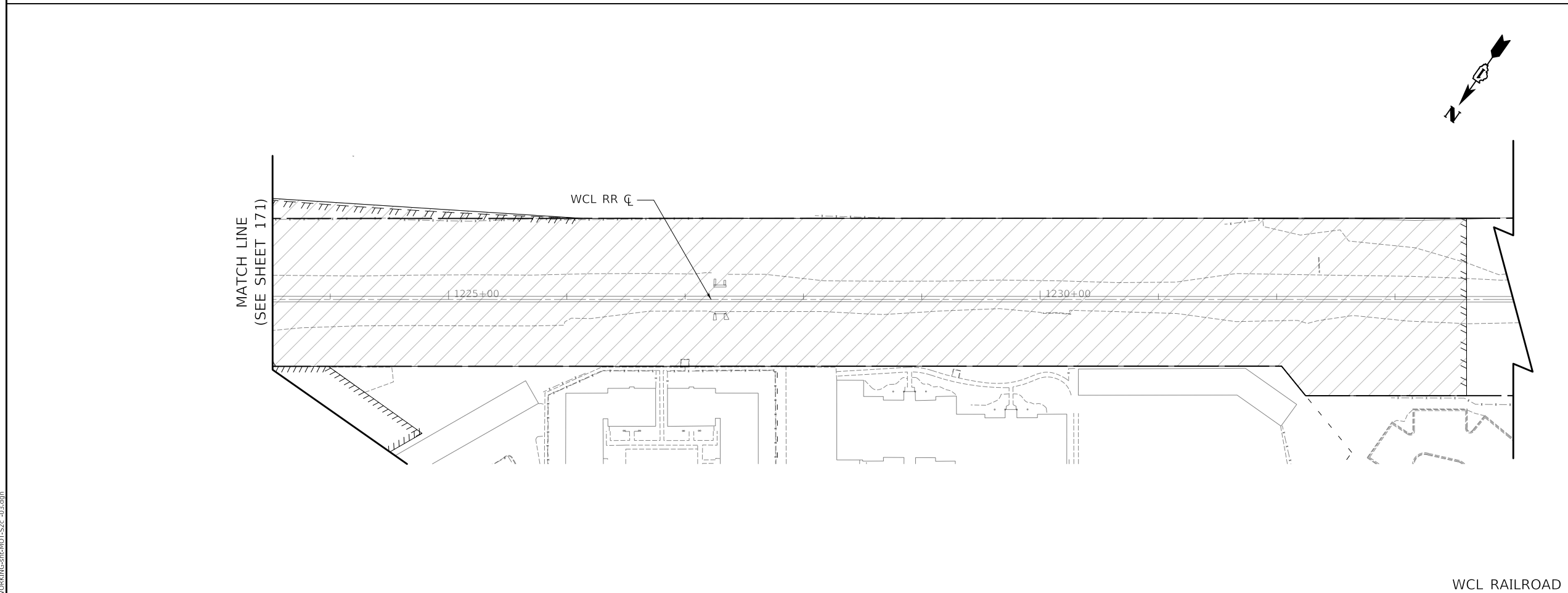
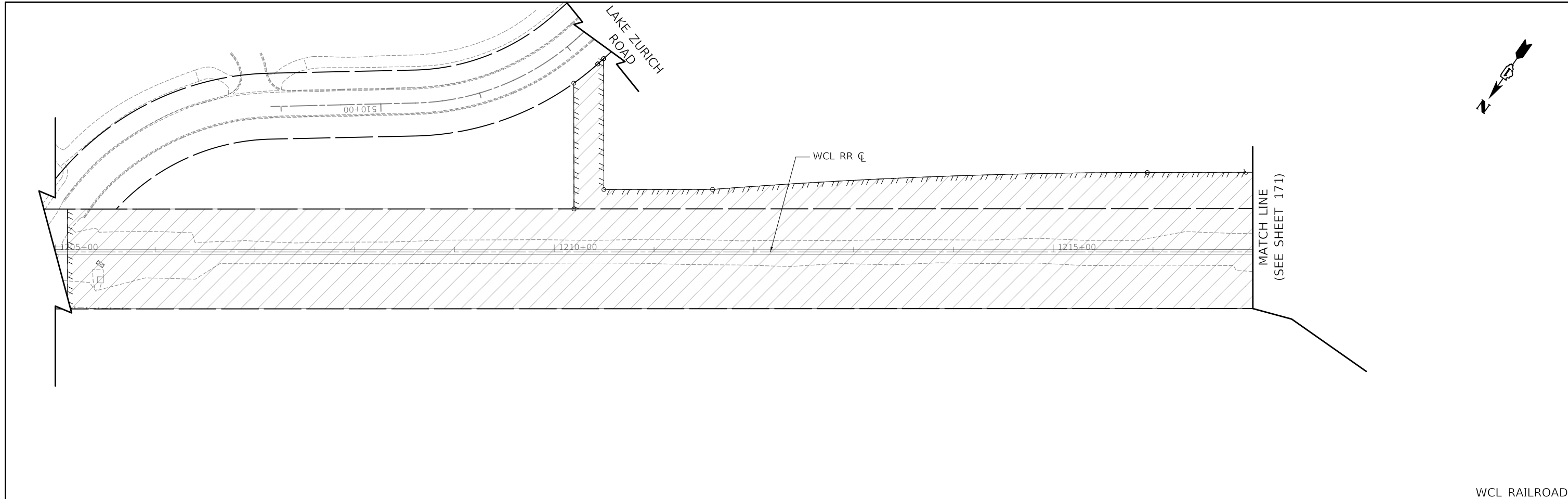
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14 AND LAKE ZURICH ROAD
 SUGGESTED TRAFFIC CONTROL - STAGE 2C**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	172
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

MODEL: S:\MODEL\NAME: FILE NAME: ...\DRAWING-INT-MOT-52c-02.dwg



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

MODEL NAME: ...
 FILE NAME: ...
 MODEL NAME: ...
 FILE NAME: ...

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PLOT SCALE = 100.0000' / in.	DRAWN - PML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WCL RAILROAD
SUGGESTED TRAFFIC CONTROL - STAGE 2C

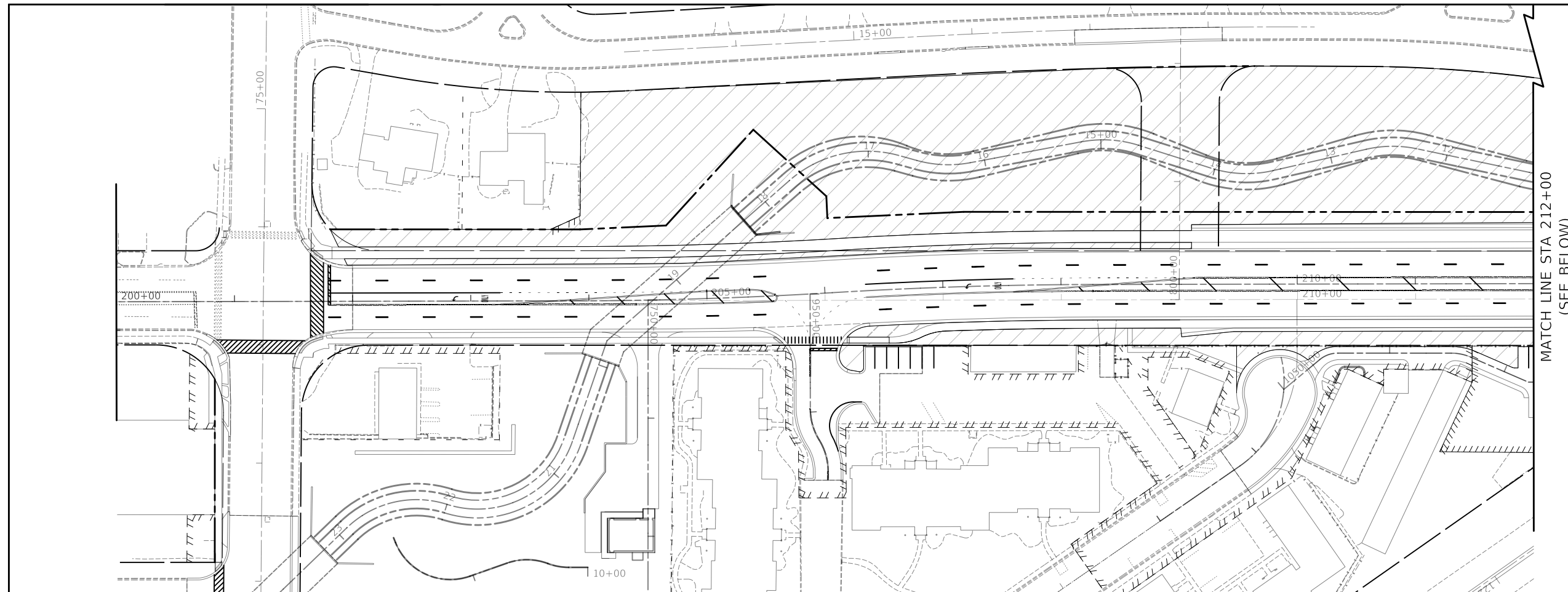
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	173
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

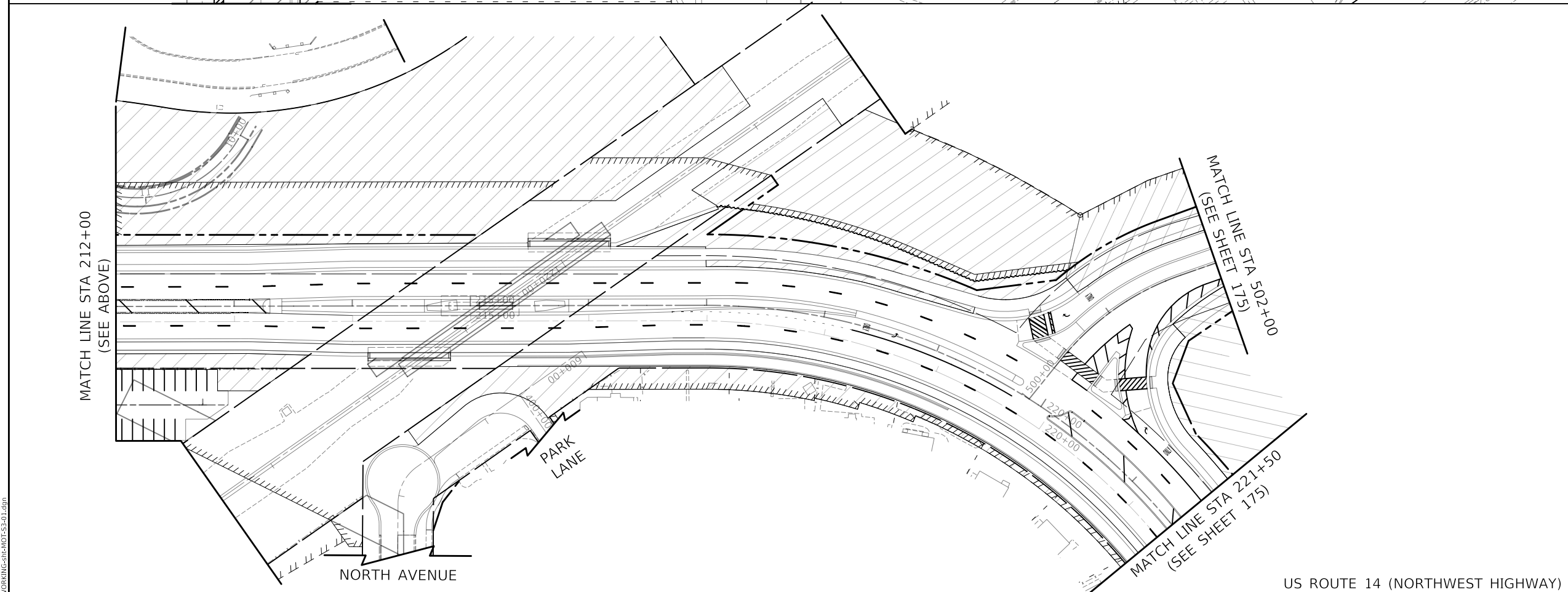
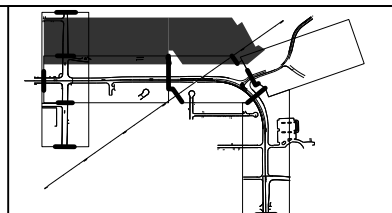


NOTE

1. ALL PAVEMENT MARKINGS IN THIS STAGE ARE PERMANENT. FOR PERMANENT PAVEMENT MARKING SEE SHEETS 251 - 254



US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

US ROUTE 14 (NORTHWEST HIGHWAY)

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FILE: \\NAME\...DRAWING-INT-MOT-S3-01.dwg

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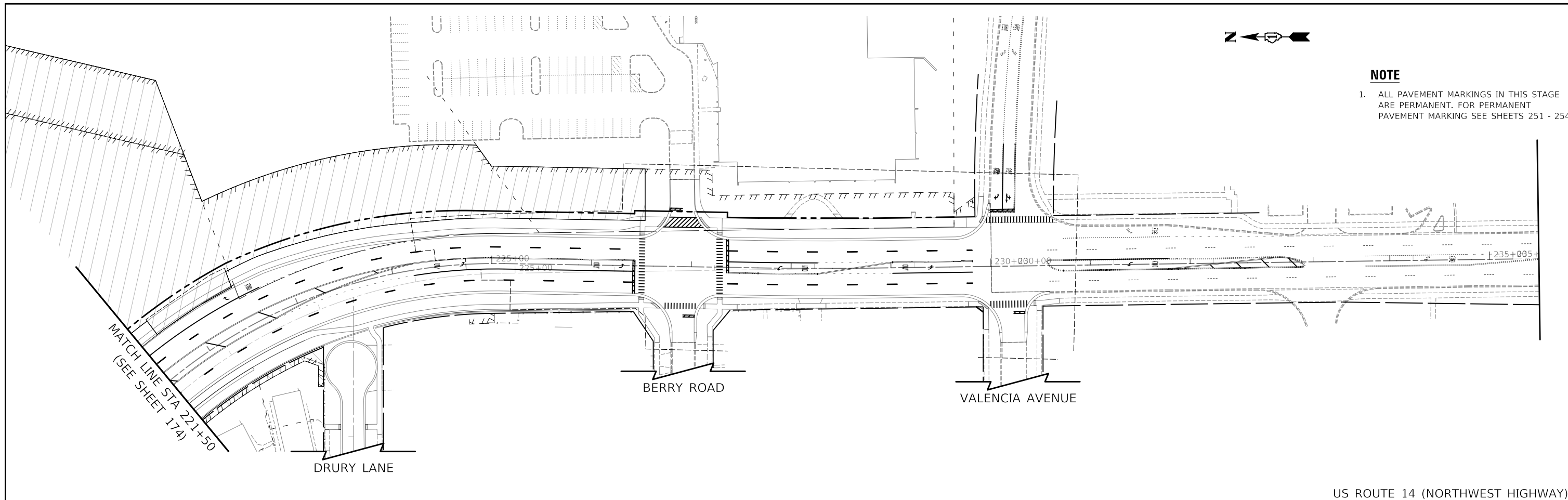
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PLOT DATE = 8/27/2024	CHECKED - DNM	REVISED -
	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

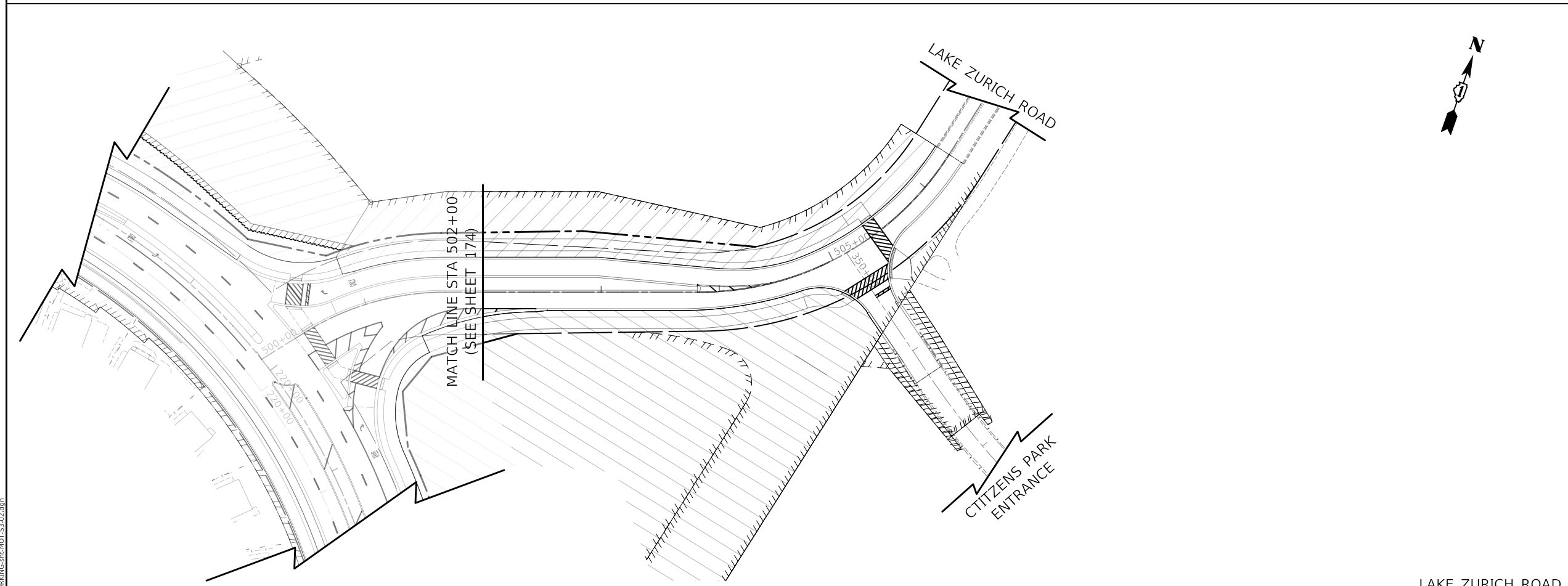
**US ROUTE 14
SUGGESTED TRAFFIC CONTROL - STAGE 3**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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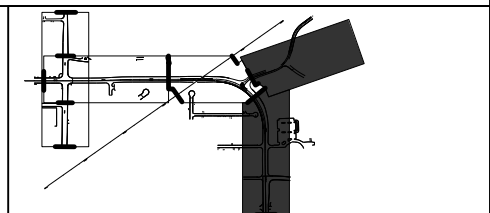
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	174
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



NOTE
 1. ALL PAVEMENT MARKINGS IN THIS STAGE ARE PERMANENT. FOR PERMANENT PAVEMENT MARKING SEE SHEETS 251 - 254



US ROUTE 14 (NORTHWEST HIGHWAY)



MOT LEGEND

- TEMP PAVEMENT
- WORK ZONE
- PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- TRAFFIC DIRECTION
- EDGE DRUMS 50' C-C (TAPER 20' C-C SPACING) (TANGENT 25' C-C SPACING)
- TYPE III BARRICADE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR (FULL DIRECTIVE, NARROW)
- 4" YELLOW EDGE LINE
- 4" WHITE EDGE LINE
- 6" WHITE EDGE LINE
- DOUBLE YELLOW 4" @ 11" C-C
- 6" WHITE DOTTED (2' LINE, 6' SPACE)
- WHITE LETTERS & SYMBOLS
- 12" WHITE LINE @ 30" C-C
- 24" WHITE STOP BAR
- 4" WHITE SKIP-DASH (10' LINE, 30' SPACE)
- 8" WHITE DOTTED (3' LINE, 9' SPACE)
- 12" YELLOW DIAGONALS (75' C-C)
- PLACED IN PREVIOUS STAGE

LAKE ZURICH ROAD

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14 AND LAKE ZURICH ROAD
 SUGGESTED TRAFFIC CONTROL - STAGE 3**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	175
CONTRACT NO. 61J87				

ILLINOIS FED. AID PROJECT

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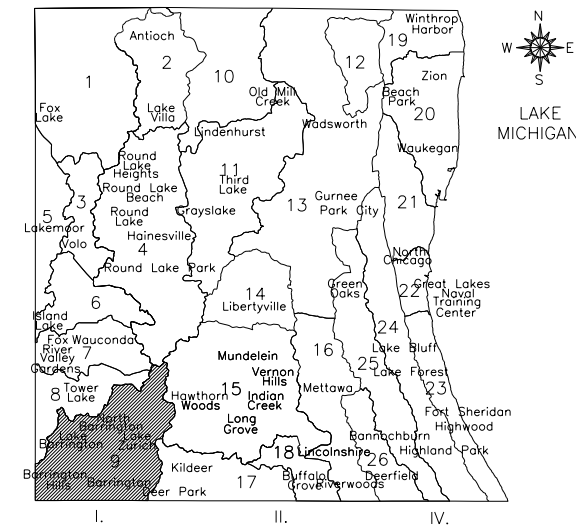
SOIL EROSION AND SEDIMENT CONTROL NOTES

**LAKE COUNTY STORMWATER MANAGEMENT COMMISSION
SOIL EROSION AND SEDIMENT CONTROL CONSTRUCTION NOTES
(SMC – 2013 REVISION)**

- A. SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- B. FOR THOSE DEVELOPMENTS THAT REQUIRE A DESIGNATED EROSION CONTROL INSPECTOR (DECI), INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM:
 - UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING.
 - AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION.
- C. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL MEASURES.
- D. A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL, OR OTHER APPROPRIATE MEASURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- E. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TRAP OR BASIN.
- F. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE OR REDISTURBANCE.
- G. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND DESIGNATED BUFFERS.
- H. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE MEASURES AS APPROVED BY THE ENFORCEMENT OFFICER.
- I. APPROPRIATE EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL INTERIOR DETENTION BASIN SIDE SLOPES BETWEEN THE NORMAL WATER LEVEL AND HIGH WATER LEVEL.
- J. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE.
- K. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DEWATERING SYSTEM OR A SIMILAR MEASURE AS APPROVED BY THE ENFORCEMENT OFFICER. DEWATERING SYSTEMS SHOULD BE INSPECTED DAILY DURING OPERATIONAL PERIODS. THE ENFORCEMENT OFFICER, OR APPROVED REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DEWATERING ACTIVITIES.
- L. IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MINIMIZE SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH AS ANIONIC POLYMERS OR FILTRATION SYSTEMS MAY BE REQUIRED BY THE ENFORCEMENT OFFICER.
- M. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR.
- N. ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- O. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY THE ENGINEER, ENFORCEMENT OFFICER, OR OTHER GOVERNING AGENCY.

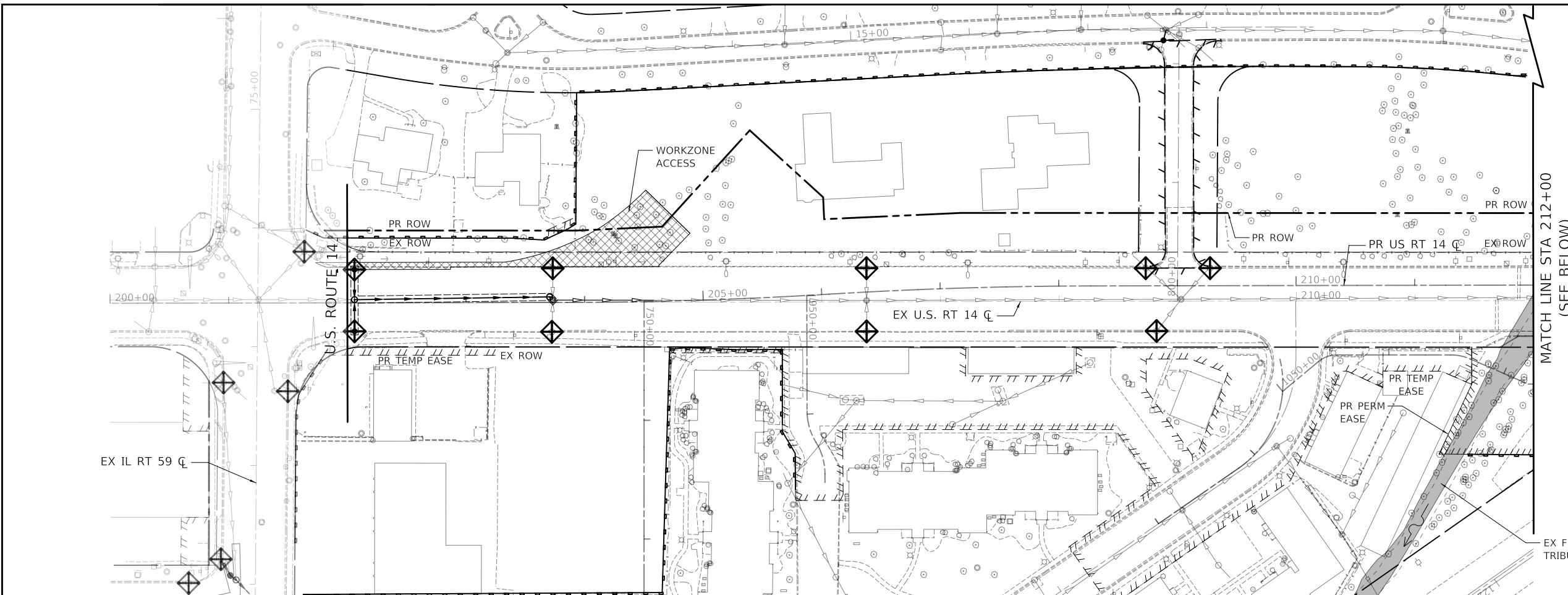
DRAINAGE BASINS OF LAKE COUNTY

- I. FOX RIVER WATERSHED
 - 1. Upper Fox River
 - 2. Sequoit Creek
 - 3. Fish Lake Drain
 - 4. Squaw Creek
 - 5. Lower Fox River
 - 6. Mutton Creek
 - 7. Slocum Lake Drain
 - 8. Tower Lake Drain
 - 9. Flint Creek
- II. DES PLAINES RIVER WATERSHED
 - 10. North Mill Creek
 - 11. Mill Creek
 - 12. Newport Drainage Ditch
 - 13. Upper Des Plaines River
 - 14. Bull Creek
 - 15. Indian Creek
 - 16. Lower Des Plaines River
 - 17. Buffalo Creek
 - 18. Aptakasic Creek
- III. LAKE MICHIGAN WATERSHED
 - 19. Kellogg Creek
 - 20. Dead River
 - 21. Waukegan River
 - 22. Pettibone Creek
 - 23. Bluff/Ravine
- IV. CHICAGO RIVER WATERSHED
 - 24. Skokie River
 - 25. Middle Fork
 - 26. West Fork



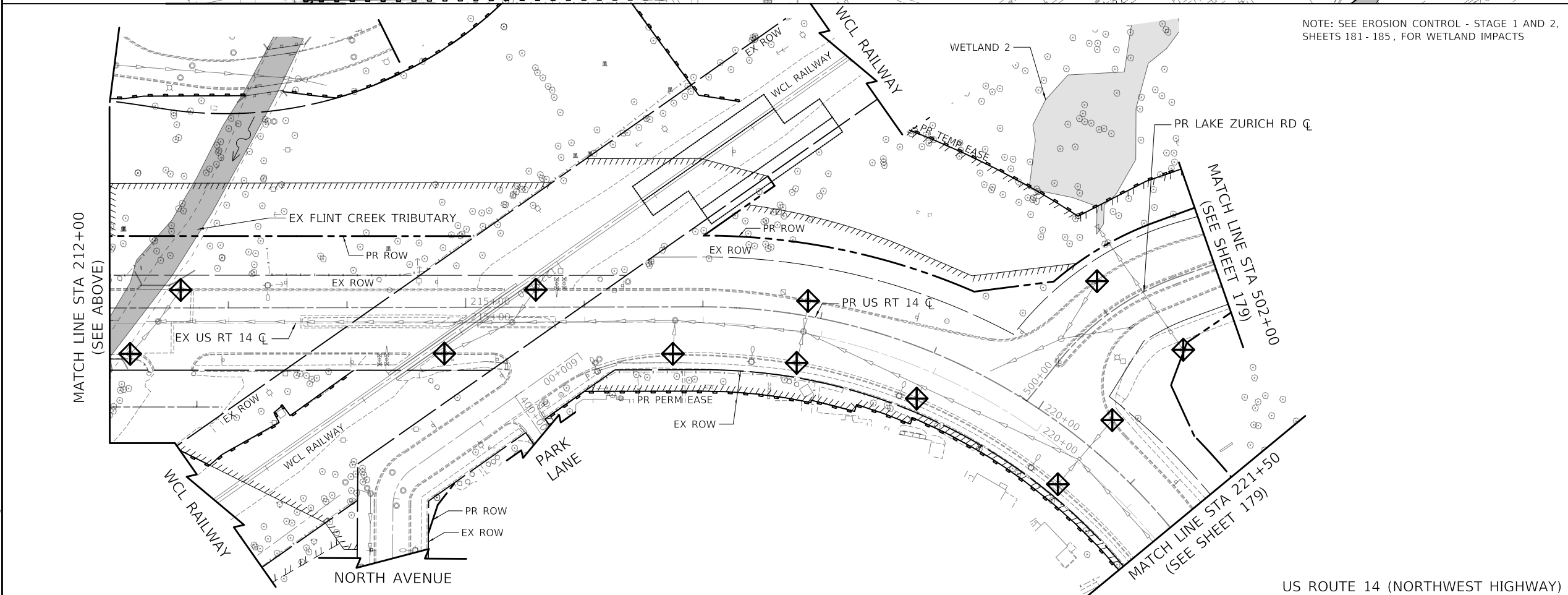
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Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltech.com	USER NAME = mc	DESIGNED - EML	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 14 EROSION CONTROL NOTES		F.A.P. RTE. 305	SECTION 11-00087-00-GS	COUNTY LAKE	TOTAL SHEETS 816	SHEET NO. 177
	PLOT SCALE = 2,0000' / in.	CHECKED - TKL	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 61J87	
	PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -								

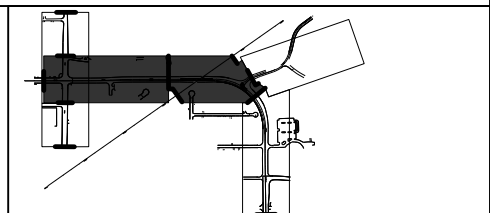


MATCH LINE STA 212+00
(SEE BELOW)

US ROUTE 14 (NORTHWEST HIGHWAY)



NOTE: SEE EROSION CONTROL - STAGE 1 AND 2, SHEETS 181 - 185, FOR WETLAND IMPACTS



- EROSION CONTROL LEGEND**
- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
 - EXISTING INLET FILTER
 - PROPOSED INLET FILTER
 - TEMPORARY DITCH CHECK
 - TEMPORARY SEDIMENT BASIN
 - PIPE PROTECTION
 - TEMPORARY FENCE
 - EXISTING PERIMETER EROSION BARRIER
 - PROPOSED PERIMETER EROSION BARRIER
 - TURBIDITY CURTAIN

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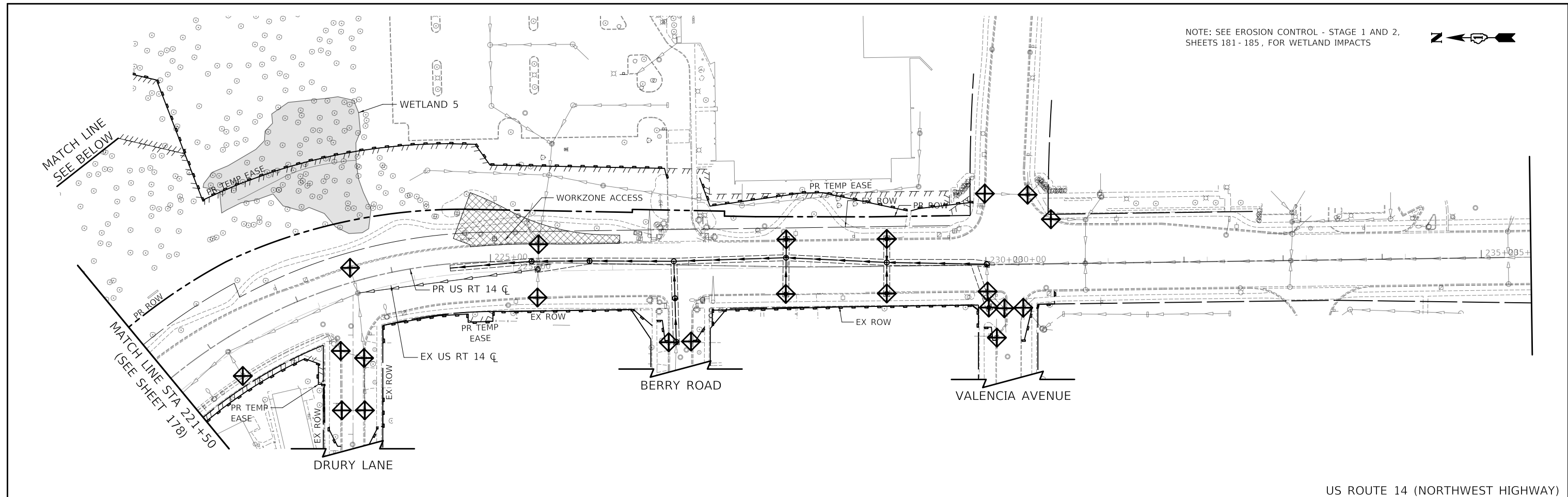
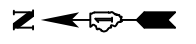
**STATE OF ILLINOIS
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**US ROUTE 14
EROSION CONTROL - PRESTAGE**

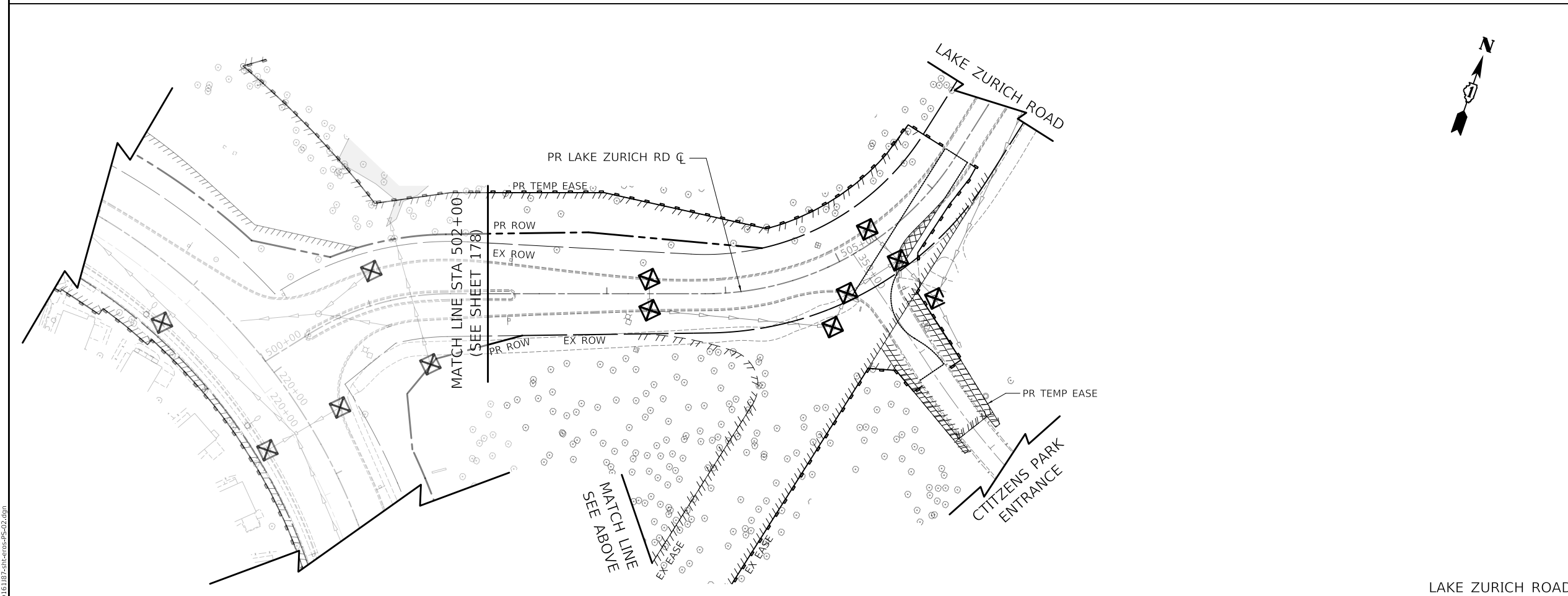
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CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

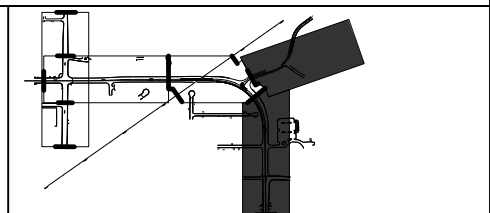
NOTE: SEE EROSION CONTROL - STAGE 1 AND 2, SHEETS 181 - 185, FOR WETLAND IMPACTS













US ROUTE 14 (NORTHWEST HIGHWAY)




LAKE ZURICH ROAD



- EROSION CONTROL LEGEND**
-  TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
 -  EXISTING INLET FILTER
 -  PROPOSED INLET FILTER
 -  TEMPORARY DITCH CHECK
 -  TEMPORARY SEDIMENT BASIN
 -  PIPE PROTECTION
 -  (1) TEMPORARY FENCE
 -  (2) EXISTING PERIMETER EROSION BARRIER
 -  (3) PROPOSED PERIMETER EROSION BARRIER
 -  (4) TURBIDITY CURTAIN

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US ROUTE 14 AND LAKE ZURICH ROAD			
EROSION CONTROL - PRESTAGE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

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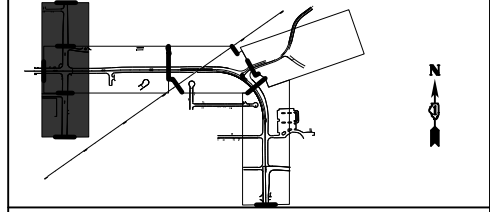
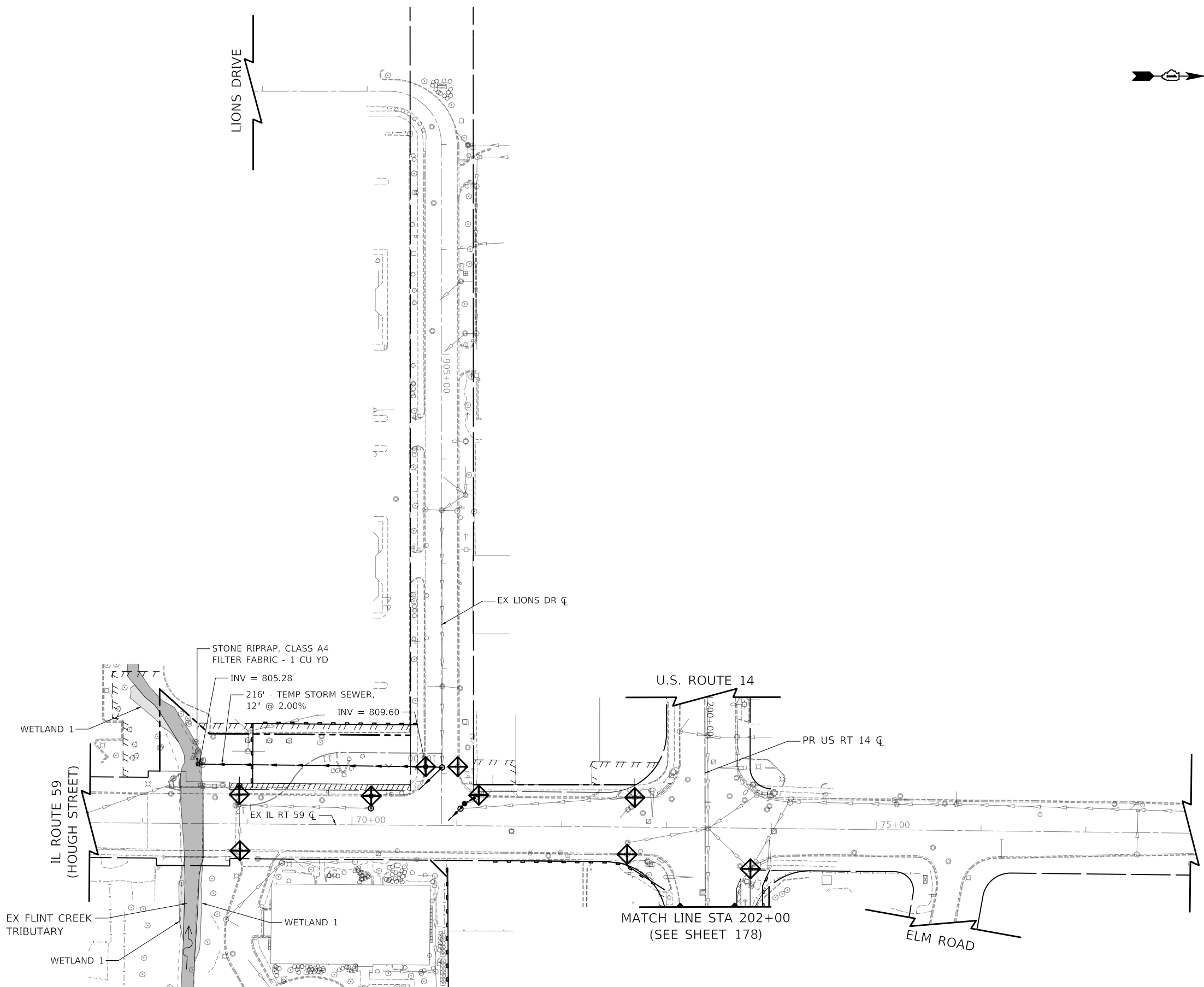
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
EROSION CONTROL - PRESTAGE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

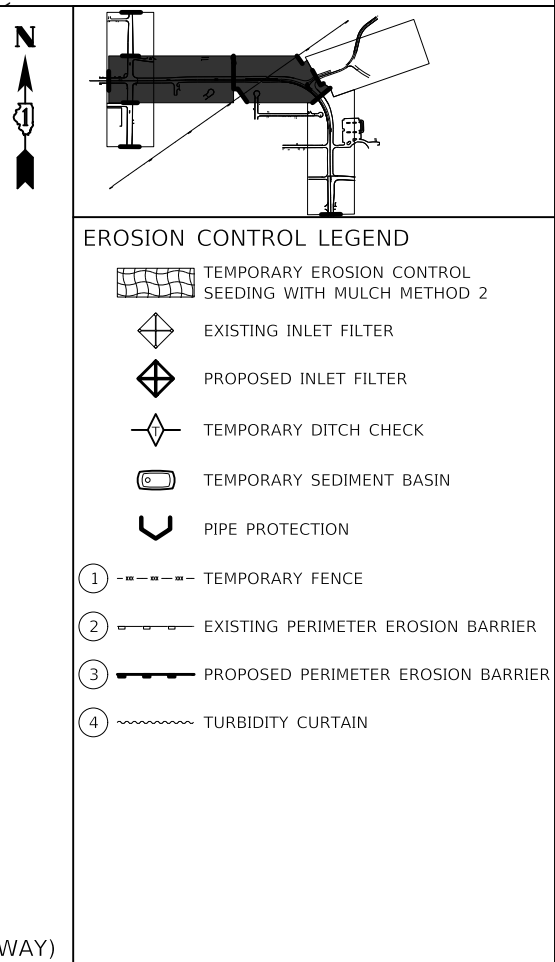
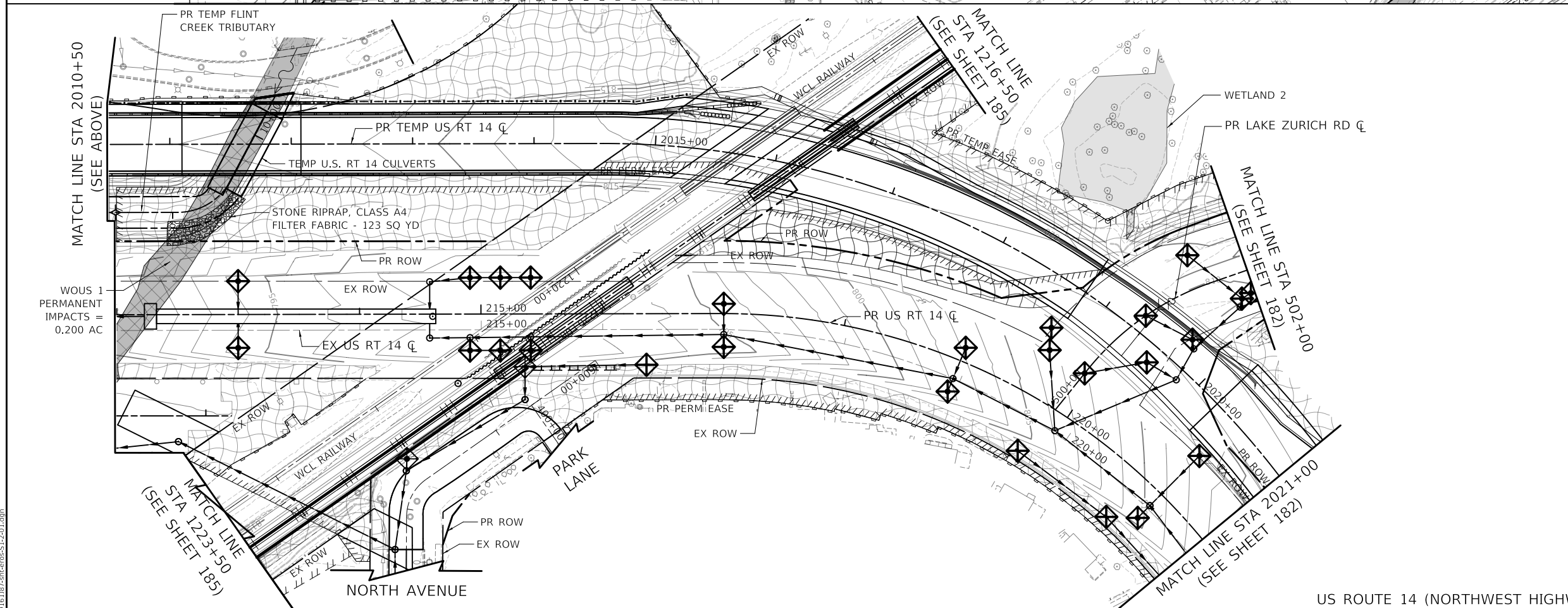
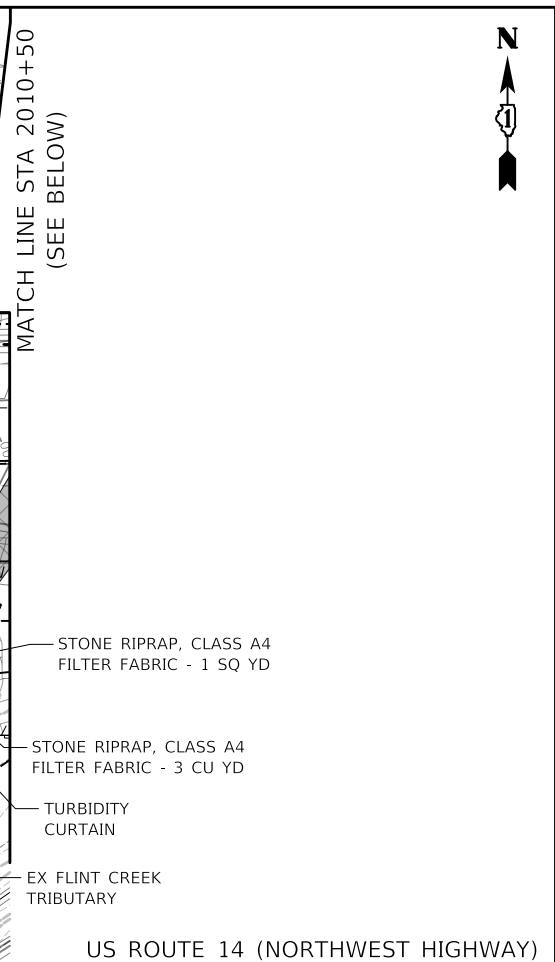
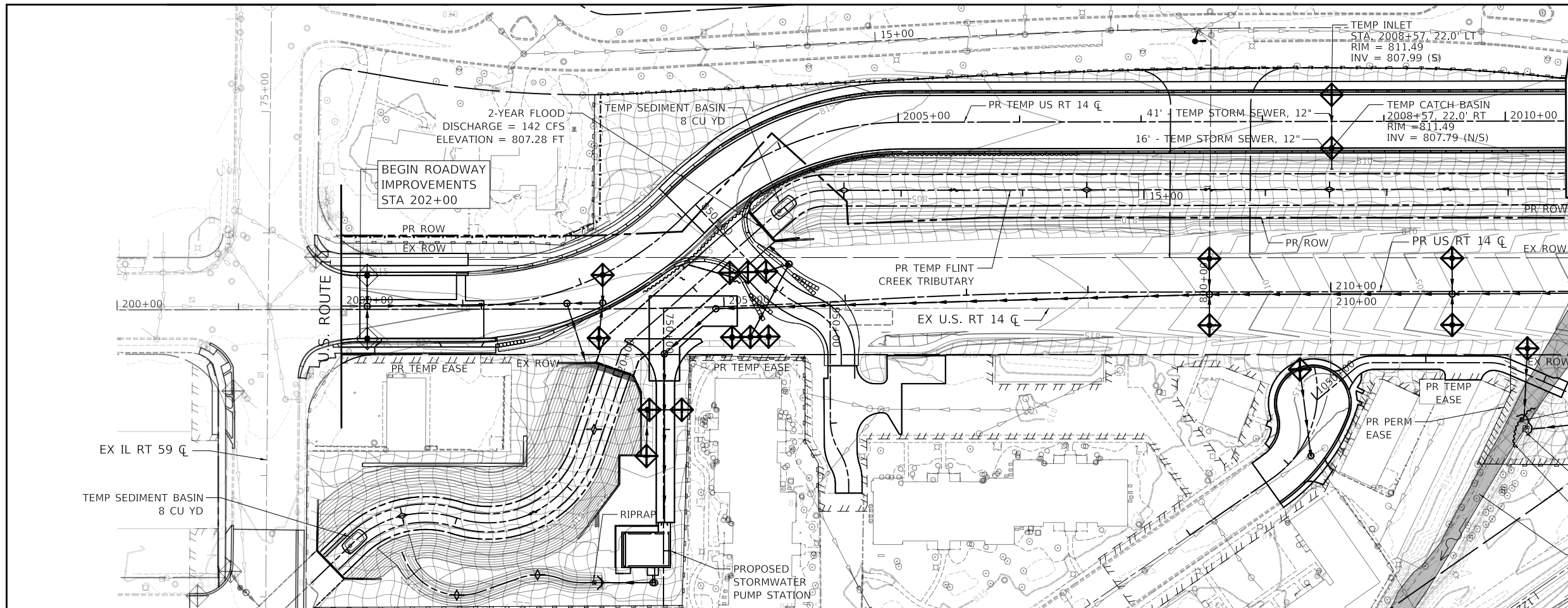
IL ROUTE 59 (HOUGH STREET)



EROSION CONTROL LEGEND

- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
- EXISTING INLET FILTER
- PROPOSED INLET FILTER
- TEMPORARY DITCH CHECK
- TEMPORARY SEDIMENT BASIN
- PIPE PROTECTION
- TEMPORARY FENCE
- EXISTING PERIMETER EROSION BARRIER
- PROPOSED PERIMETER EROSION BARRIER
- TURBIDITY CURTAIN

NOTE: SEE EROSION CONTROL - STAGE 1 AND 2, SHEETS 181 - 185, FOR WETLAND IMPACTS



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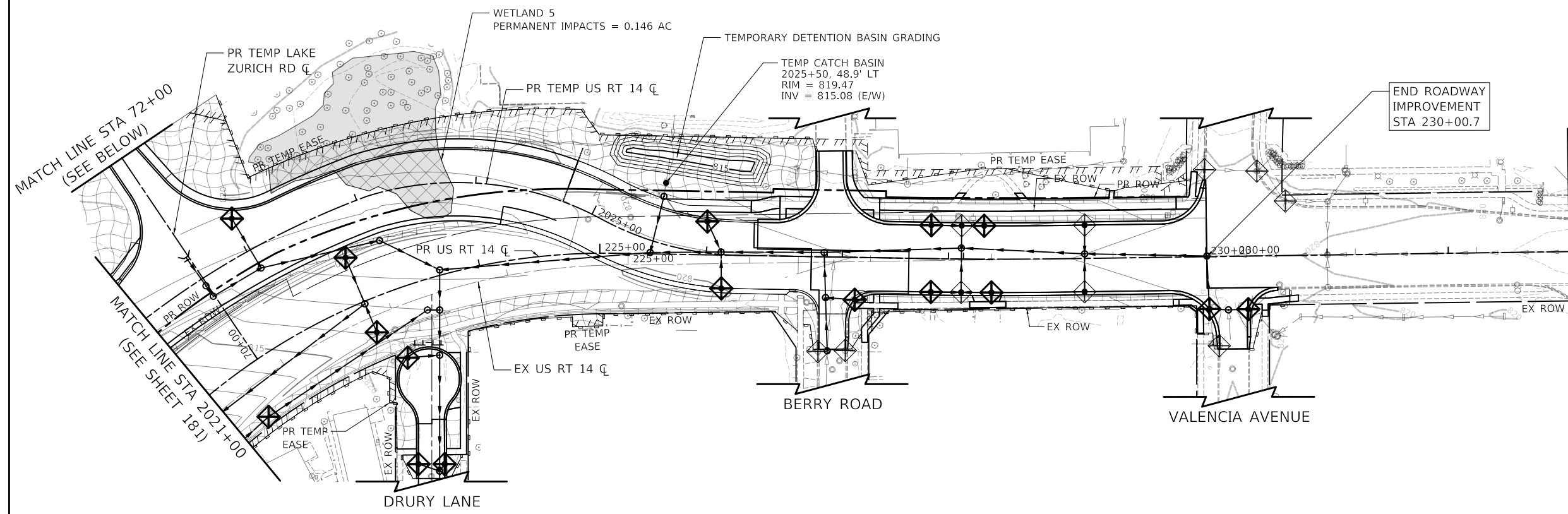
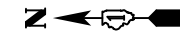
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
 EROSION CONTROL - STAGE 1 AND 2**

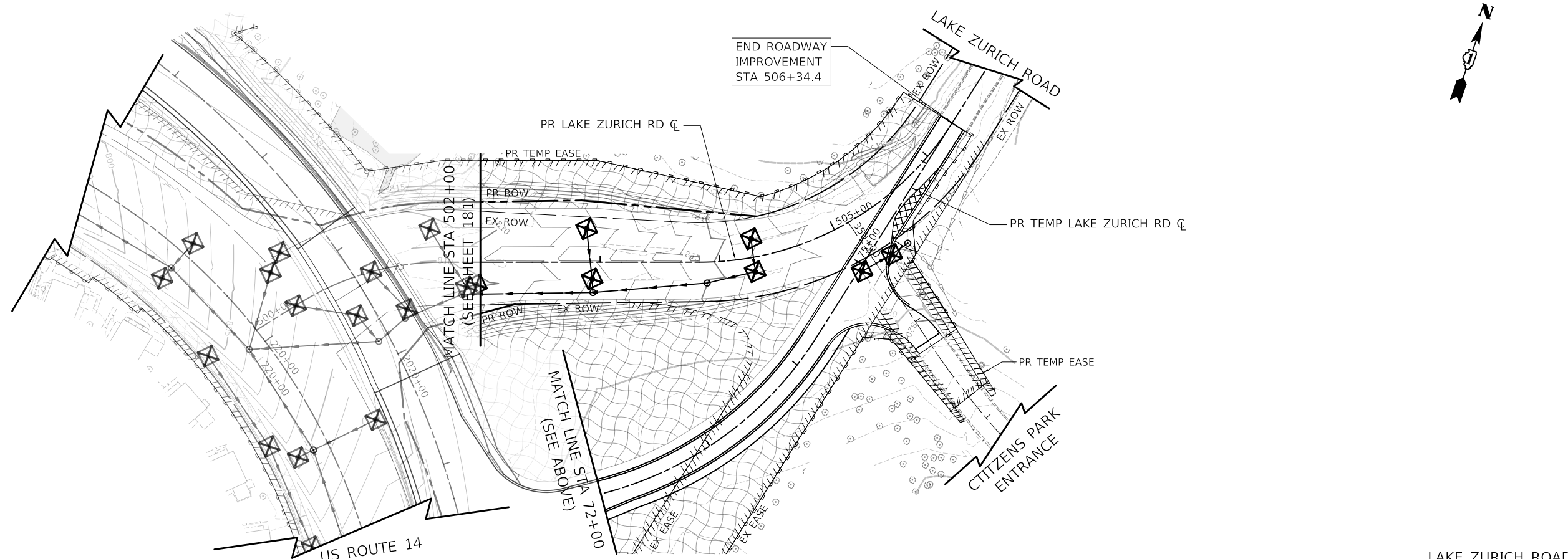
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CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

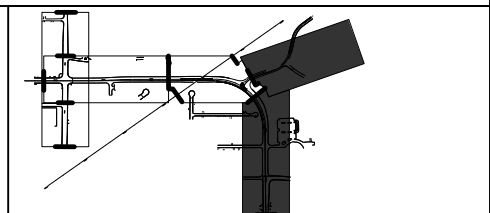
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US ROUTE 14 (NORTHWEST HIGHWAY)



LAKE ZURICH ROAD



- EROSION CONTROL LEGEND**
- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
 - EXISTING INLET FILTER
 - PROPOSED INLET FILTER
 - TEMPORARY DITCH CHECK
 - TEMPORARY SEDIMENT BASIN
 - PIPE PROTECTION
 - TEMPORARY FENCE
 - EXISTING PERIMETER EROSION BARRIER
 - PROPOSED PERIMETER EROSION BARRIER
 - TURBIDITY CURTAIN

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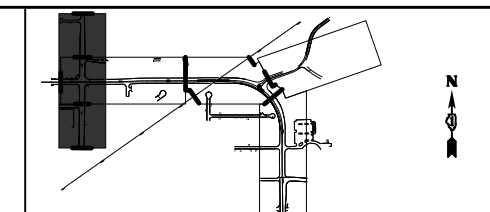
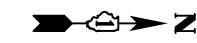
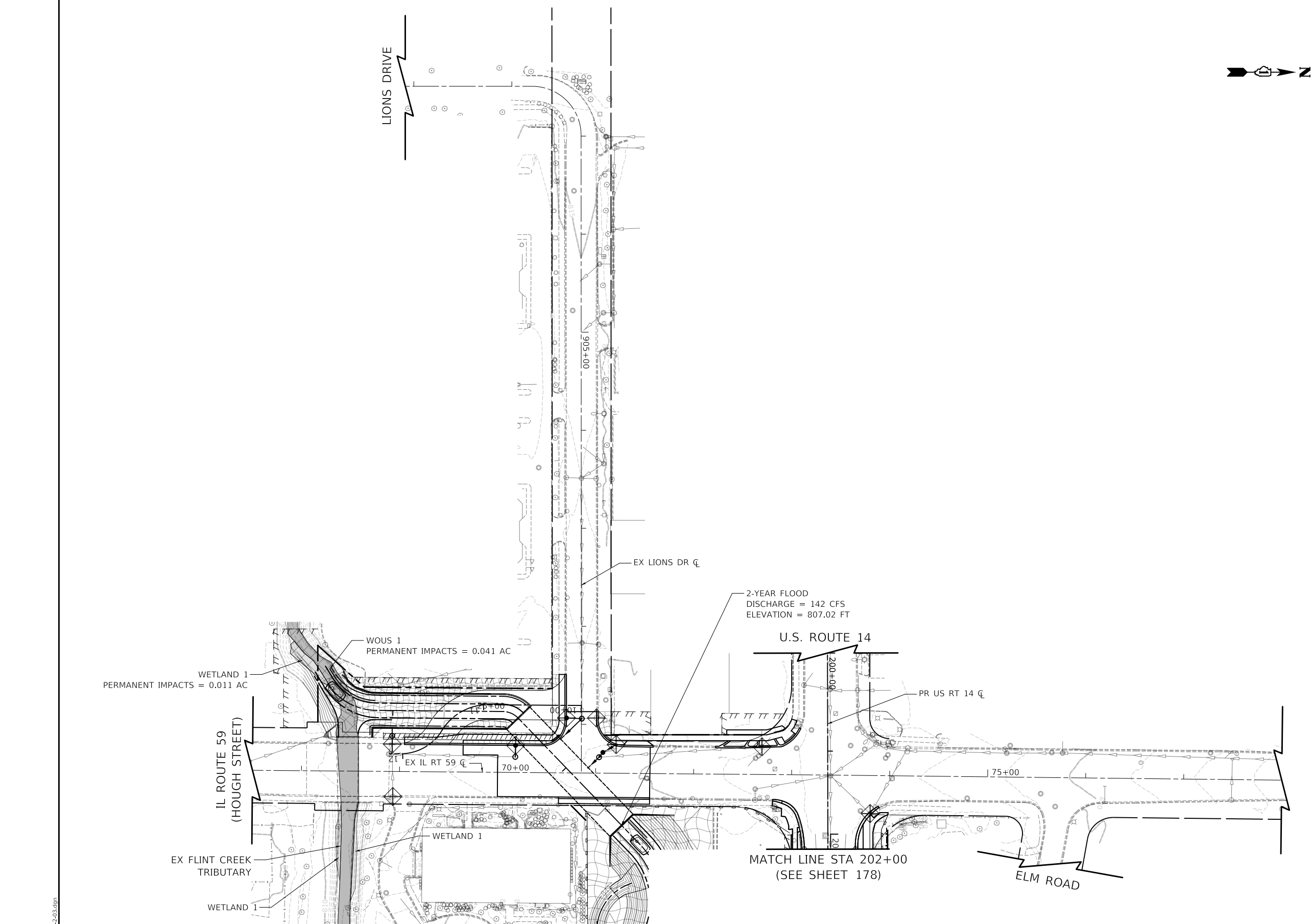
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






STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 50'		SHEET OF SHEETS		STA. TO STA.
US ROUTE 14 AND LAKE ZURICH ROAD EROSION CONTROL - STAGE 1 AND 2				

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	182
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



EROSION CONTROL LEGEND

-  TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
-  EXISTING INLET FILTER
-  PROPOSED INLET FILTER
-  TEMPORARY DITCH CHECK
-  TEMPORARY SEDIMENT BASIN
-  PIPE PROTECTION
-  ① - - - - - TEMPORARY FENCE
-  ② - - - - - EXISTING PERIMETER EROSION BARRIER
-  ③ - - - - - PROPOSED PERIMETER EROSION BARRIER
-  ④ ~~~~~ TURBIDITY CURTAIN

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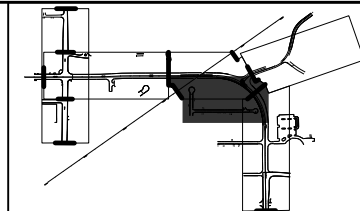
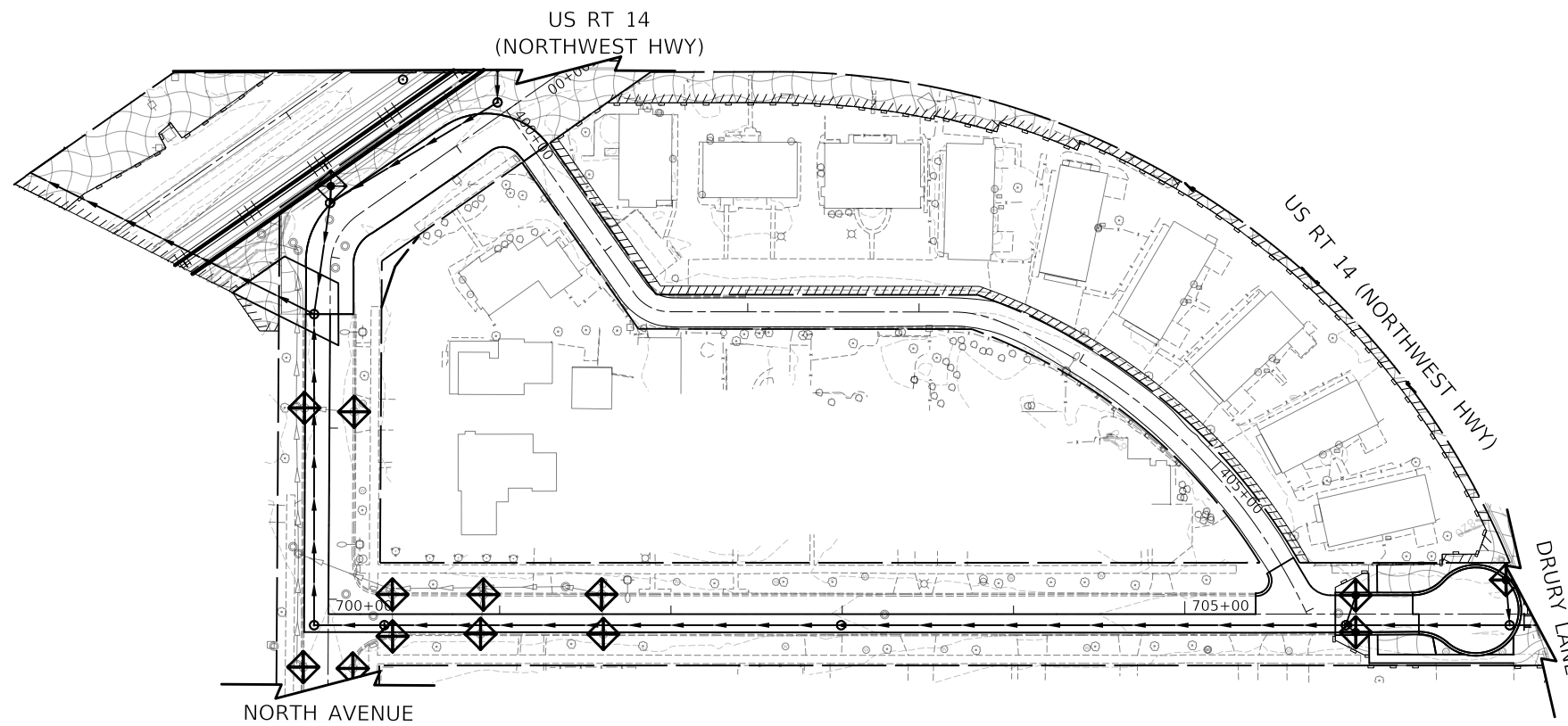
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 59
EROSION CONTROL - STAGE 1 AND 2

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

IL ROUTE 59 (HOUGH STREET)			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
338	11-00087-00-GS	LAKE	816
			SHEET NO. 183
CONTRACT NO. 61J87			
ILLINOIS FED. AID PROJECT			



- EROSION CONTROL LEGEND**
- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
 - EXISTING INLET FILTER
 - PROPOSED INLET FILTER
 - TEMPORARY DITCH CHECK
 - TEMPORARY SEDIMENT BASIN
 - PIPE PROTECTION
 - ① TEMPORARY FENCE
 - ② EXISTING PERIMETER EROSION BARRIER
 - ③ PROPOSED PERIMETER EROSION BARRIER
 - ④ TURBIDITY CURTAIN

NORTH AVENUE AND DRURY LANE

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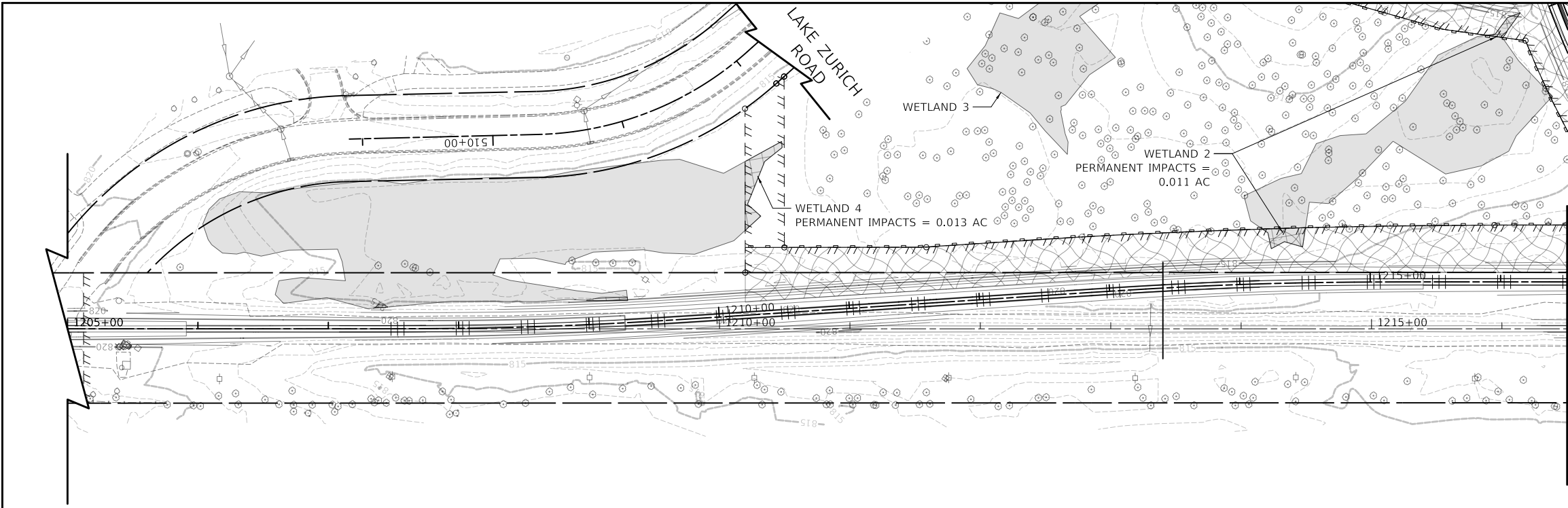
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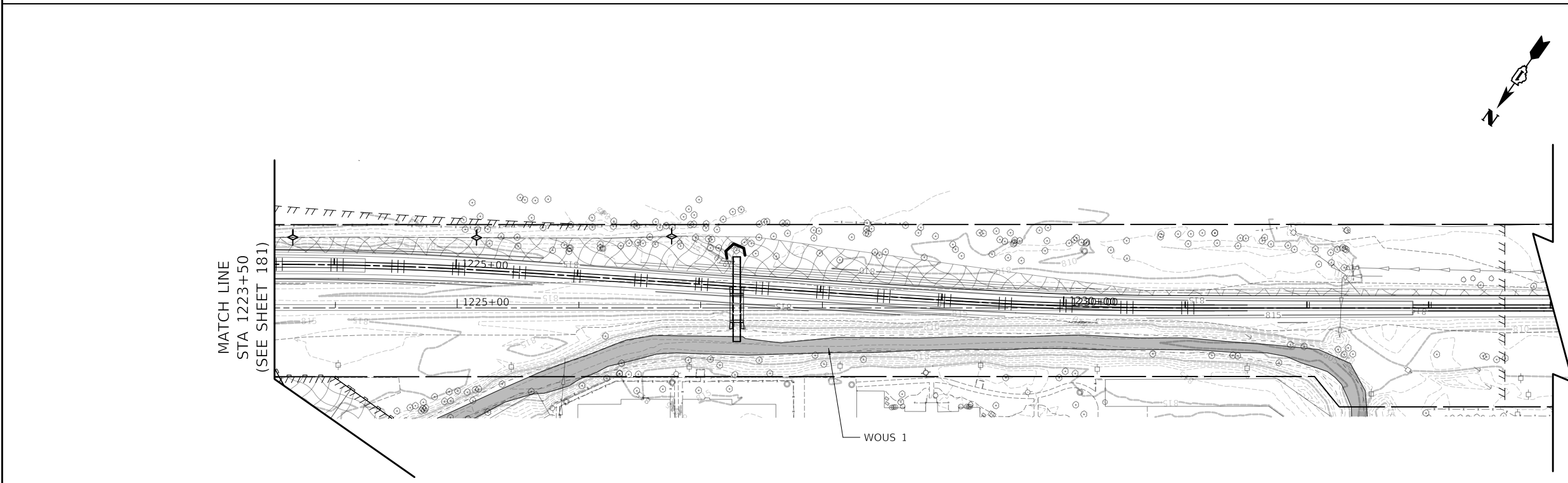
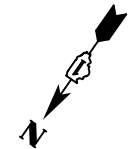
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH AVENUE AND DRURY LANE EROSION CONTROL - STAGE 1 AND 2		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

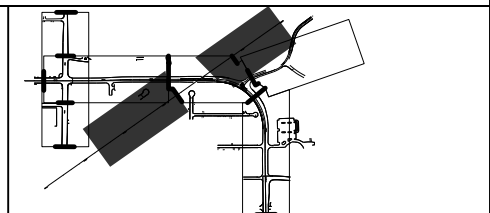
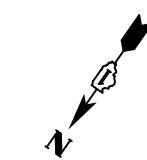
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305	11-00087-00-GS	LAKE	816	184
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



MATCH LINE
STA 1216+50
(SEE SHEET 181)



MATCH LINE
STA 1223+50
(SEE SHEET 181)



WCL RAILROAD

- EROSION CONTROL LEGEND**
- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
 - EXISTING INLET FILTER
 - PROPOSED INLET FILTER
 - TEMPORARY DITCH CHECK
 - TEMPORARY SEDIMENT BASIN
 - PIPE PROTECTION
 - TEMPORARY FENCE
 - EXISTING PERIMETER EROSION BARRIER
 - PROPOSED PERIMETER EROSION BARRIER
 - TURBIDITY CURTAIN

WCL RAILROAD

MODEL: \\MODEL\NAME: FILE: \\NAME: ...10187-2-10-2024.dgn

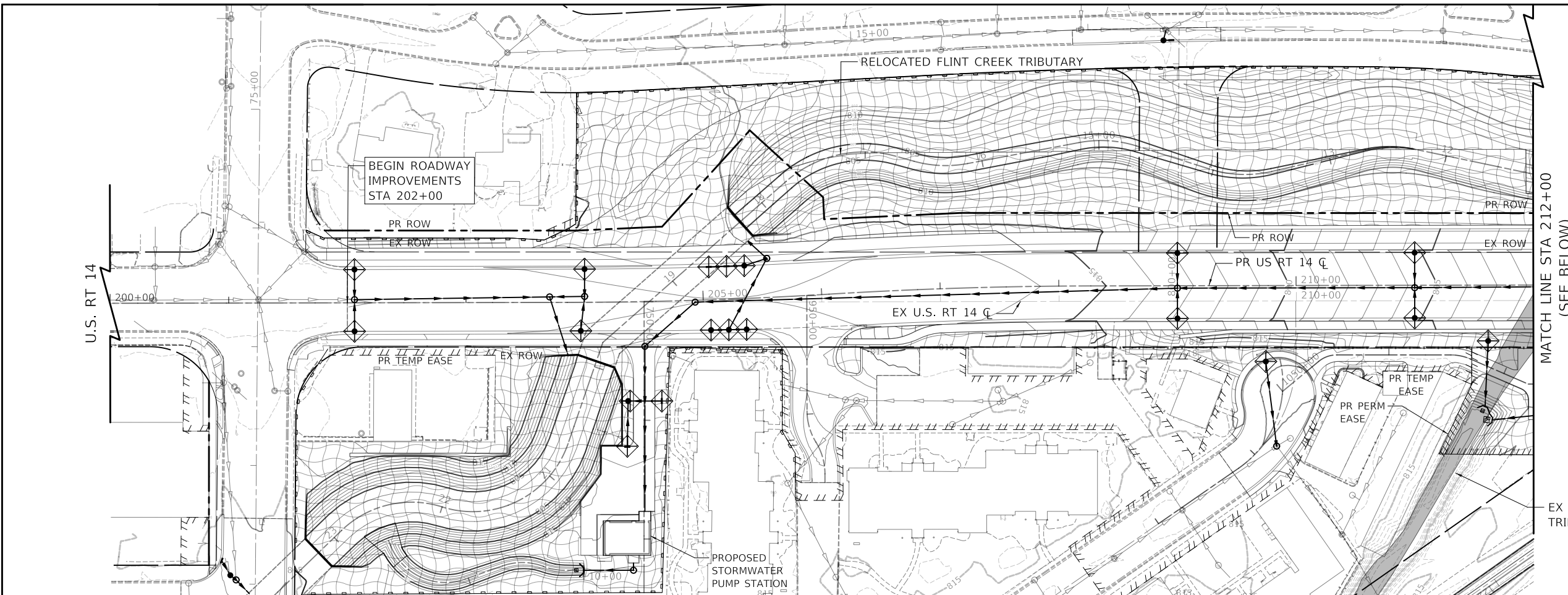
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Mascoutah, Illinois 60143
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Fax: 630.773.3975
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USER NAME = mc	DESIGNED - EML	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - EML	REVISED -
PLOT DATE = 8/28/2024	CHECKED - TKL	REVISED -
	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

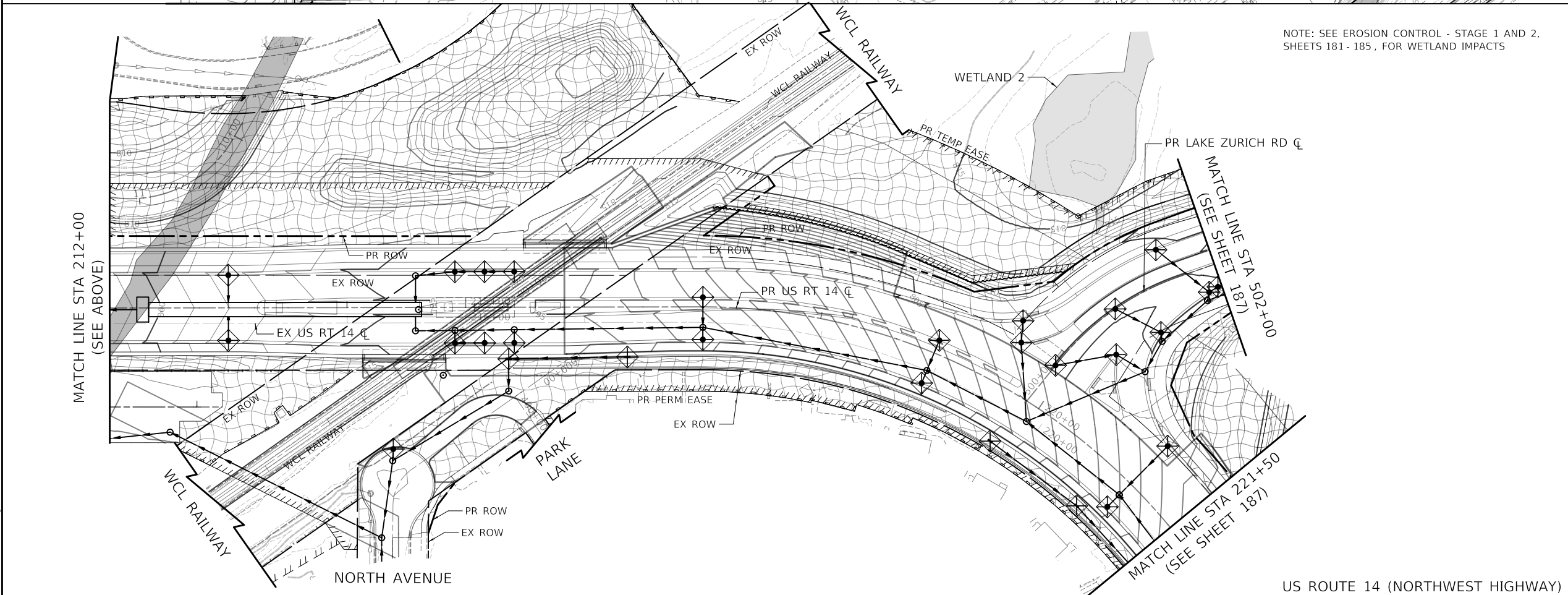
WCL RAILROAD EROSION CONTROL - STAGE 1 AND 2			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	185
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

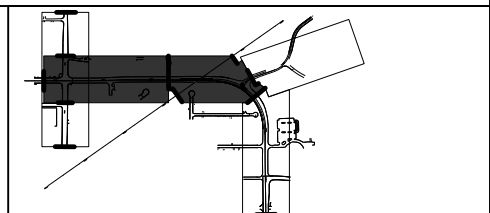


MATCH LINE STA 212+00
(SEE BELOW)

US ROUTE 14 (NORTHWEST HIGHWAY)



NOTE: SEE EROSION CONTROL - STAGE 1 AND 2, SHEETS 181 - 185, FOR WETLAND IMPACTS



EROSION CONTROL LEGEND

- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
- EXISTING INLET FILTER
- PROPOSED INLET FILTER
- TEMPORARY DITCH CHECK
- TEMPORARY SEDIMENT BASIN
- PIPE PROTECTION
- TEMPORARY FENCE
- EXISTING PERIMETER EROSION BARRIER
- PROPOSED PERIMETER EROSION BARRIER
- TURBIDITY CURTAIN

MODEL: \\MODEL\NAME
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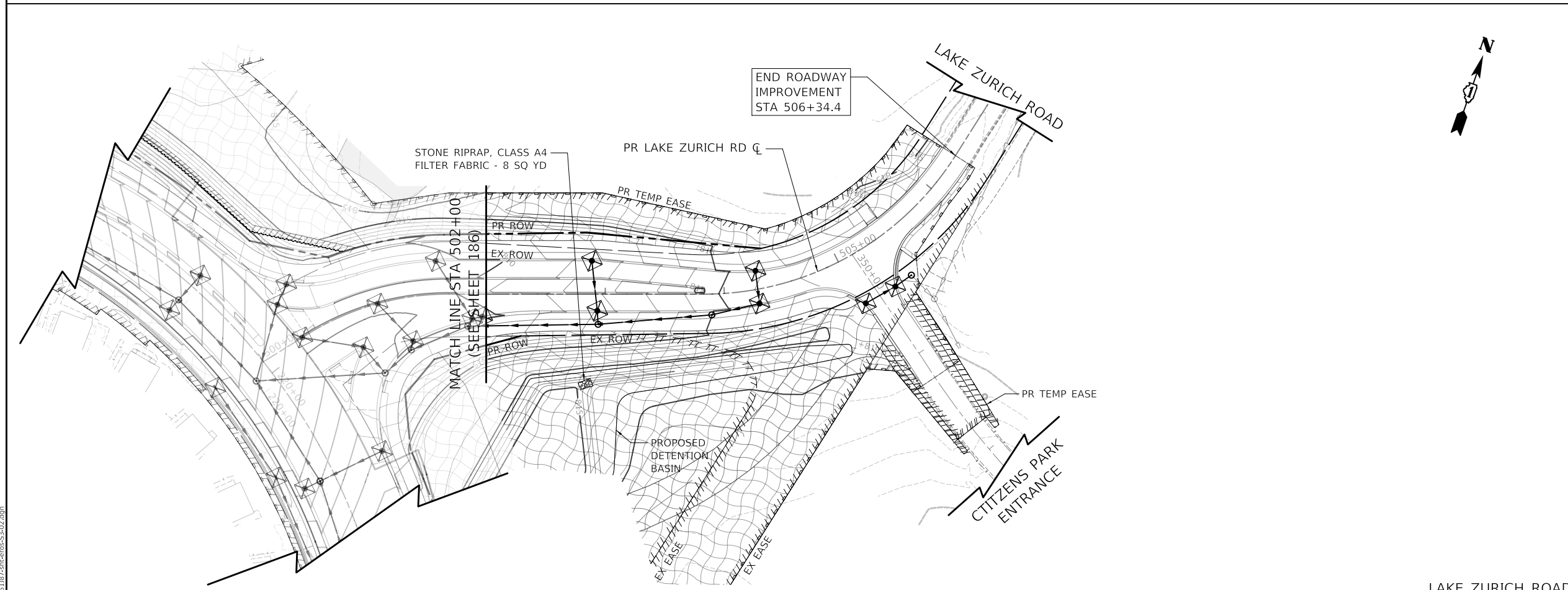
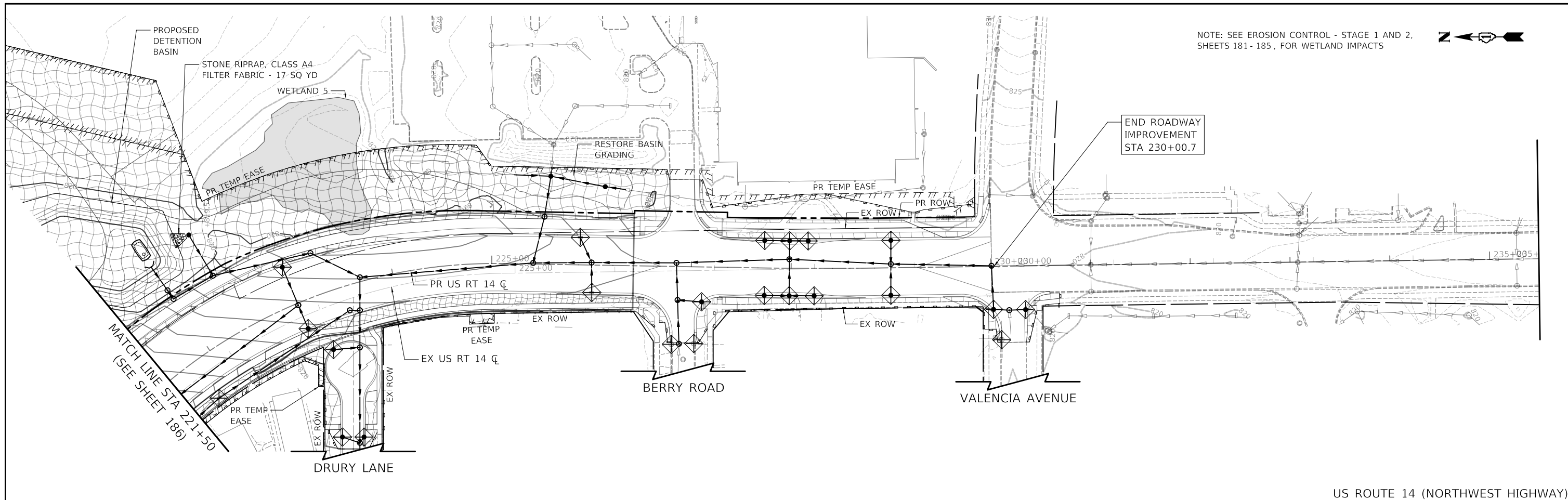
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 Moline, Illinois 61413
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PLOT SCALE = 100,0000' / in.	DRAWN - EML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - TKL	REVISED -
	DATE - 08/28/2024	REVISED -

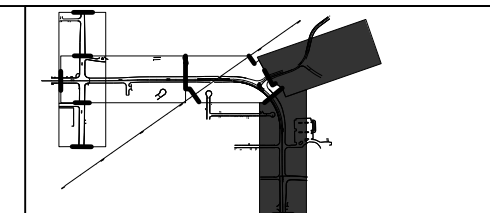
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 14 EROSION CONTROL - STAGE 3			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	186
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



US ROUTE 14 (NORTHWEST HIGHWAY)



- EROSION CONTROL LEGEND**
- TEMPORARY EROSION CONTROL SEEDING WITH MULCH METHOD 2
 - EXISTING INLET FILTER
 - PROPOSED INLET FILTER
 - TEMPORARY DITCH CHECK
 - TEMPORARY SEDIMENT BASIN
 - PIPE PROTECTION
 - TEMPORARY FENCE
 - EXISTING PERIMETER EROSION BARRIER
 - PROPOSED PERIMETER EROSION BARRIER
 - TURBIDITY CURTAIN

LAKE ZURICH ROAD

MODEL: \\MODEL\NAME: FILE: \\NAME: 03/16/18 10:41:03 - d:\cros-53-02.dgn

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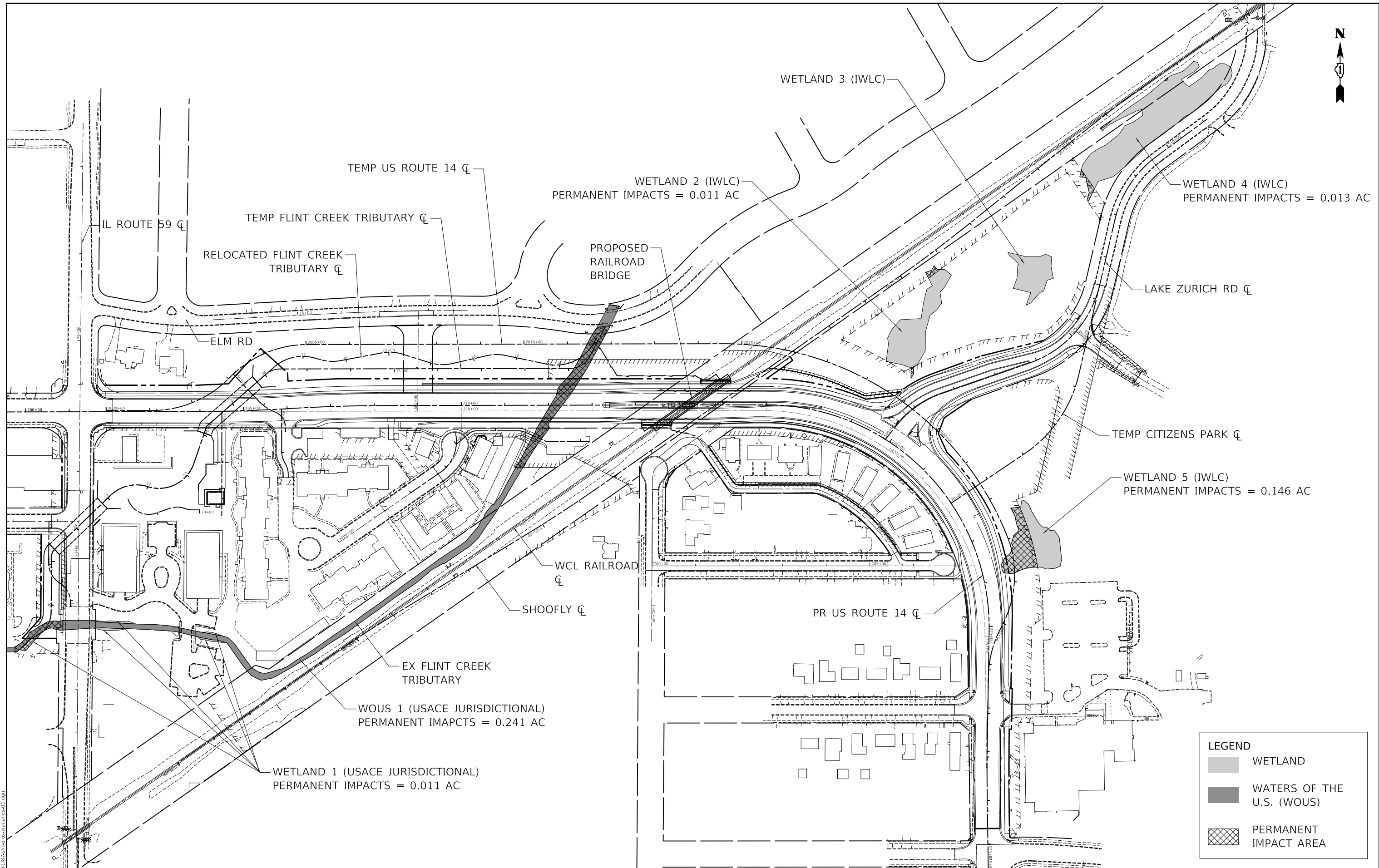
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PLOT SCALE = 100,0000' / in.	DRAWN - EML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - TKL	REVISED -
	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14 AND LAKE ZURICH ROAD
EROSION CONTROL - STAGE 3**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	187
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				



LEGEND	
	WETLAND
	WATERS OF THE U.S. (WOUS)
	PERMANENT IMPACT AREA

MODEL: \\MODEL\NAME
 FILE: \\NAME: 03161872-01-crc-wetland-01.dgn

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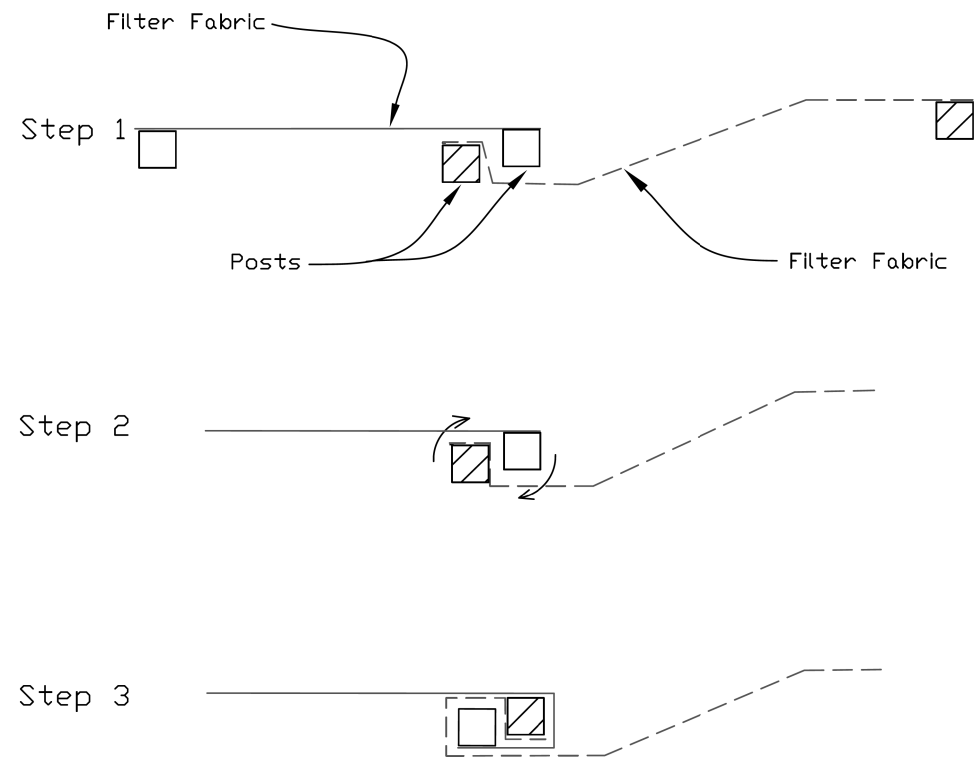
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PLOT SCALE = 200,0000' / in.	DRAWN - EML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - TKL	REVISED -
	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WETLAND/WOUS IMPACTS			
SCALE: 1" = 100'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	188
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

SILT FENCE - SPLICING TWO FENCES



ATTACHING TWO SILT FENCES

- Place the end post of the second fence inside the end post of the first fence.
- Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
- Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
- Drive both posts a minimum of 18 inches into the ground and bury the flap.
- Compact backfill (particularly at splices) completely to prevent stormwater piping.

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



STANDARD DWG. NO.
IUM-620B(W)
SHEET 1 OF 1
DATE 3-16-2012

- Set posts and excavate or slit-trench a 6-inch deep trench upslope along the line of the post

- Attach the geotextile filter fabric to each post with a minimum of 3 (three) fasteners per post and extend to the bottom of the trench. Acceptable fasteners include staples, zip ties, or wire ties

- Backfill and compact the excavated spoil materials

Geotextile Requirement	Test Method	MARV
Grab strength	ASTM D 4632	
- Machine direction		550 N
- X-machine direction		450 N
Permittivity	ASTM D 4491	0.05 sec-1
Apparent opening size*	ASTM D 4751	0.60 mm
Ultraviolet stability (retained strength)	ASTM D 4355	70% after 500 hours

Note:
Value for apparent opening size represents maximum average roll value.

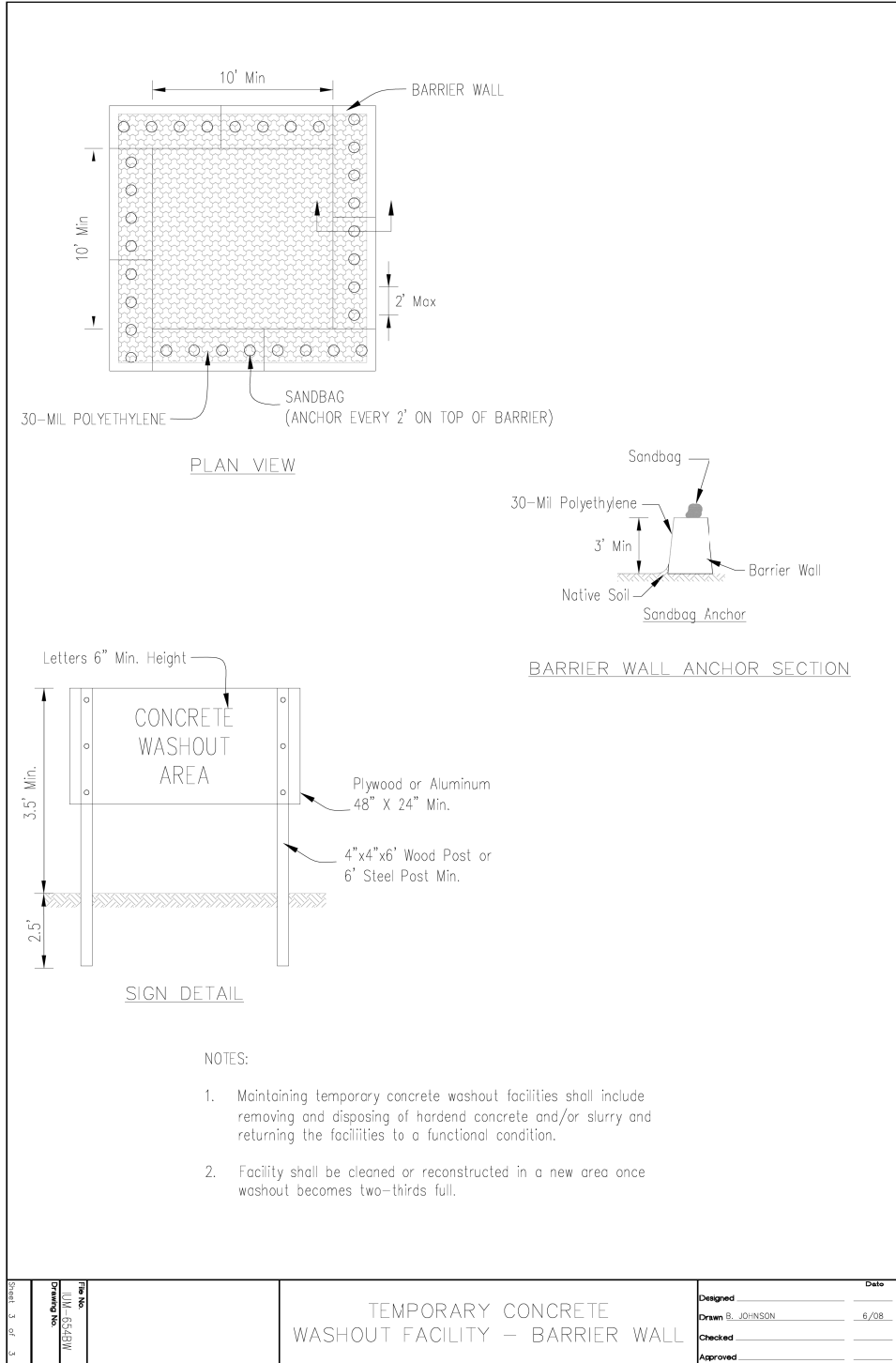
SILT FENCE DETAIL

DATE: 4/21/08 BY: KAW

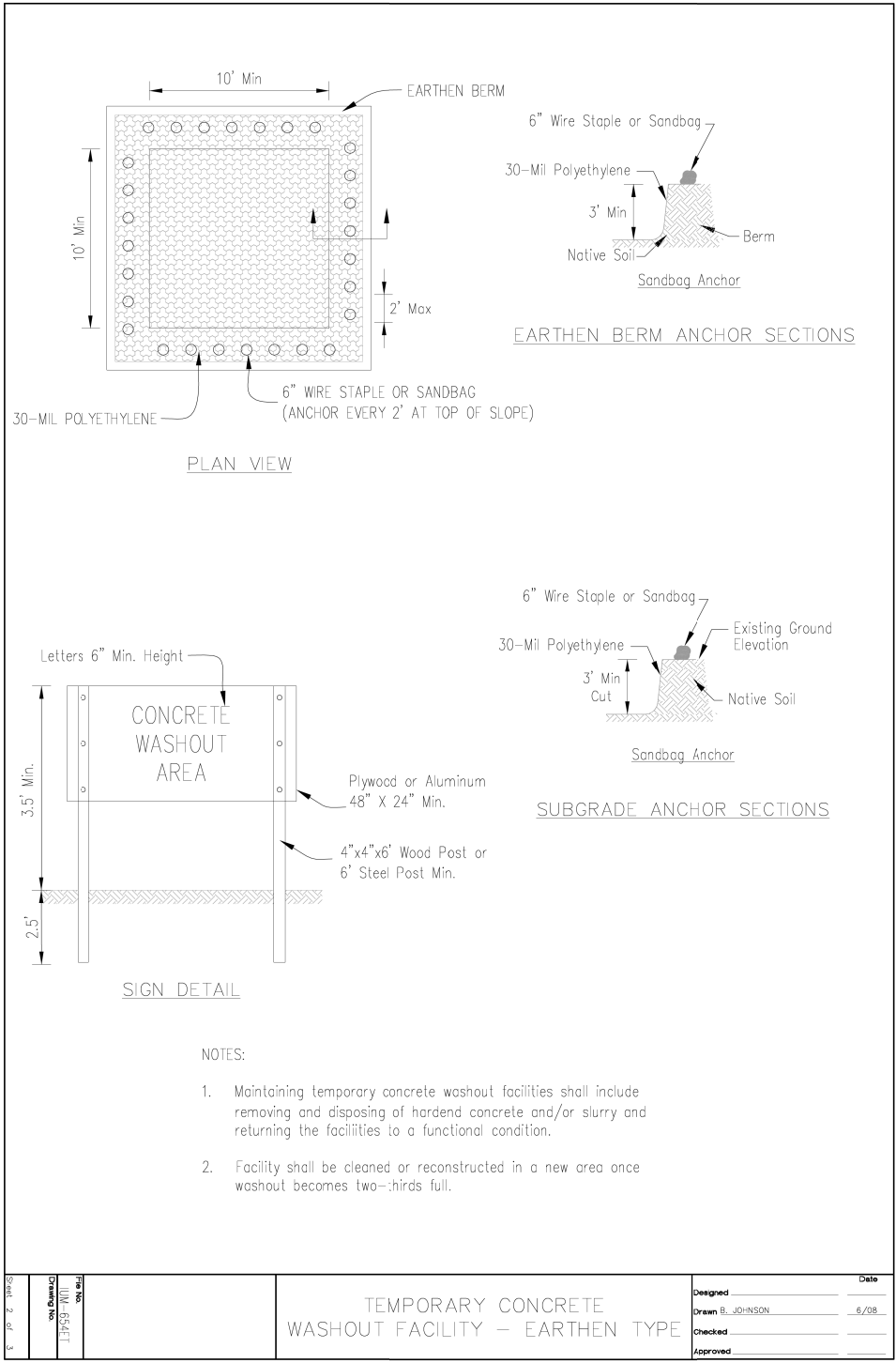
REVISED: BY:

LAKE COUNTY
STORMWATER MANAGEMENT COMMISSION

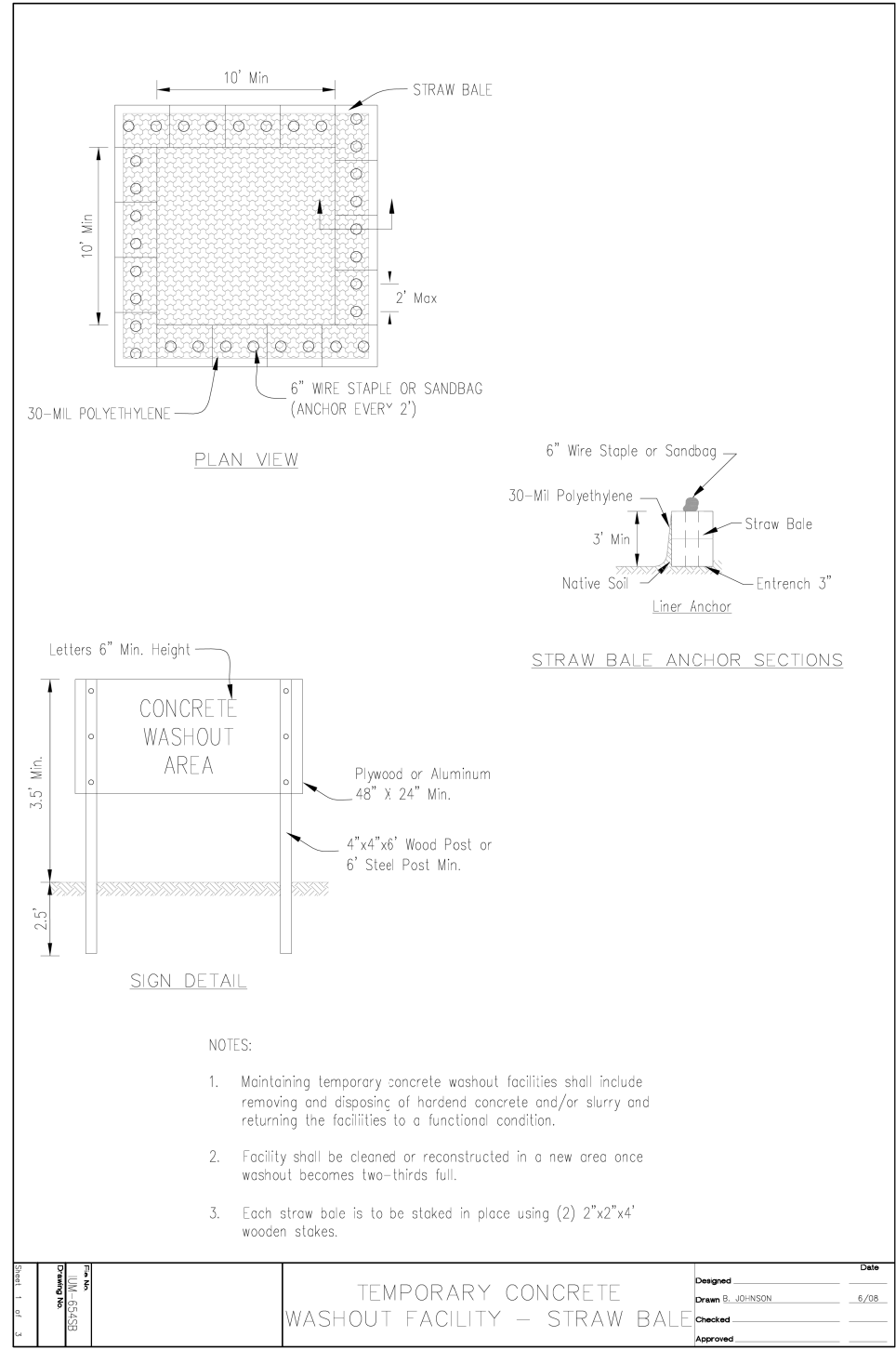
AUTOCAD2006



AUTOCAD2005



AUTOCAD2006



MODEL: MODELNAME
FILE: NAME... 0310187-dh-cros-detail-02.dwg

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PLOT SCALE = 2,000' / 1"	DRAWN - EML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - TKL	REVISED -
	DATE - 08/28/2024	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

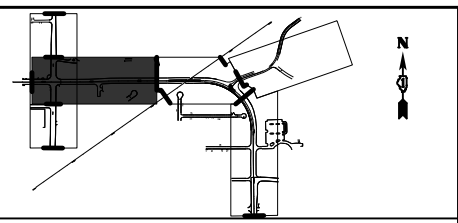
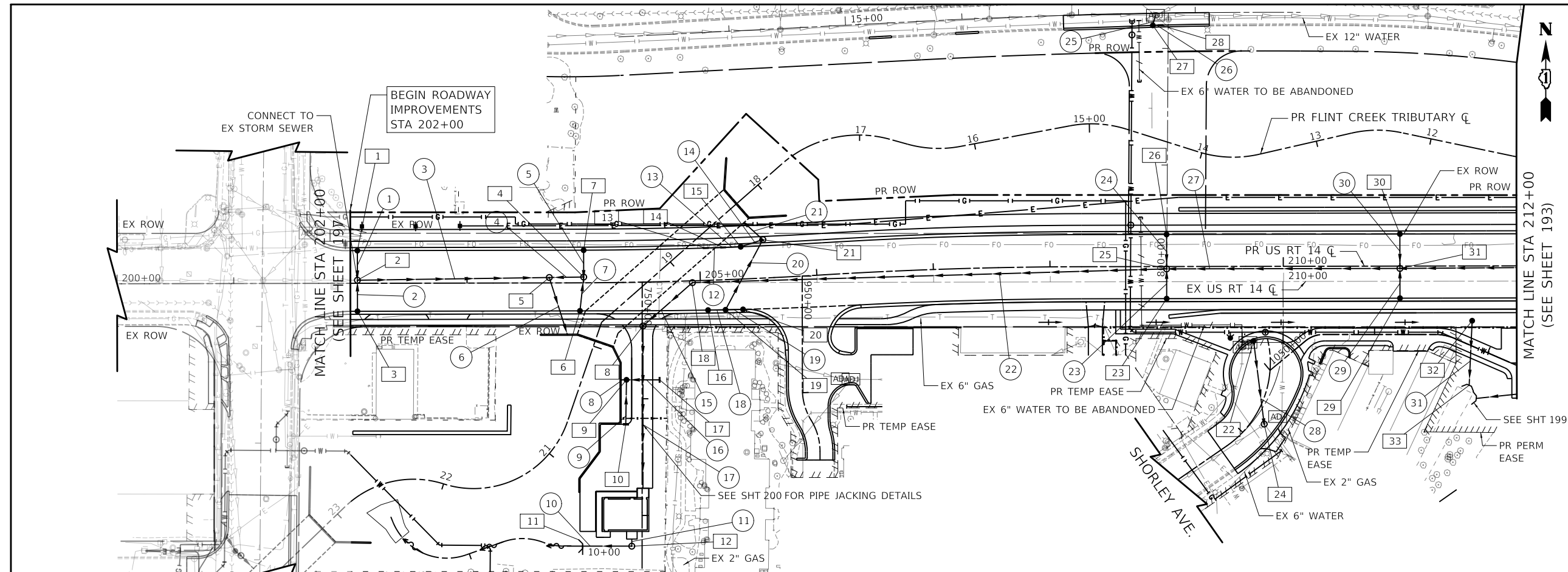
US ROUTE 14
EROSION CONTROL DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	190
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

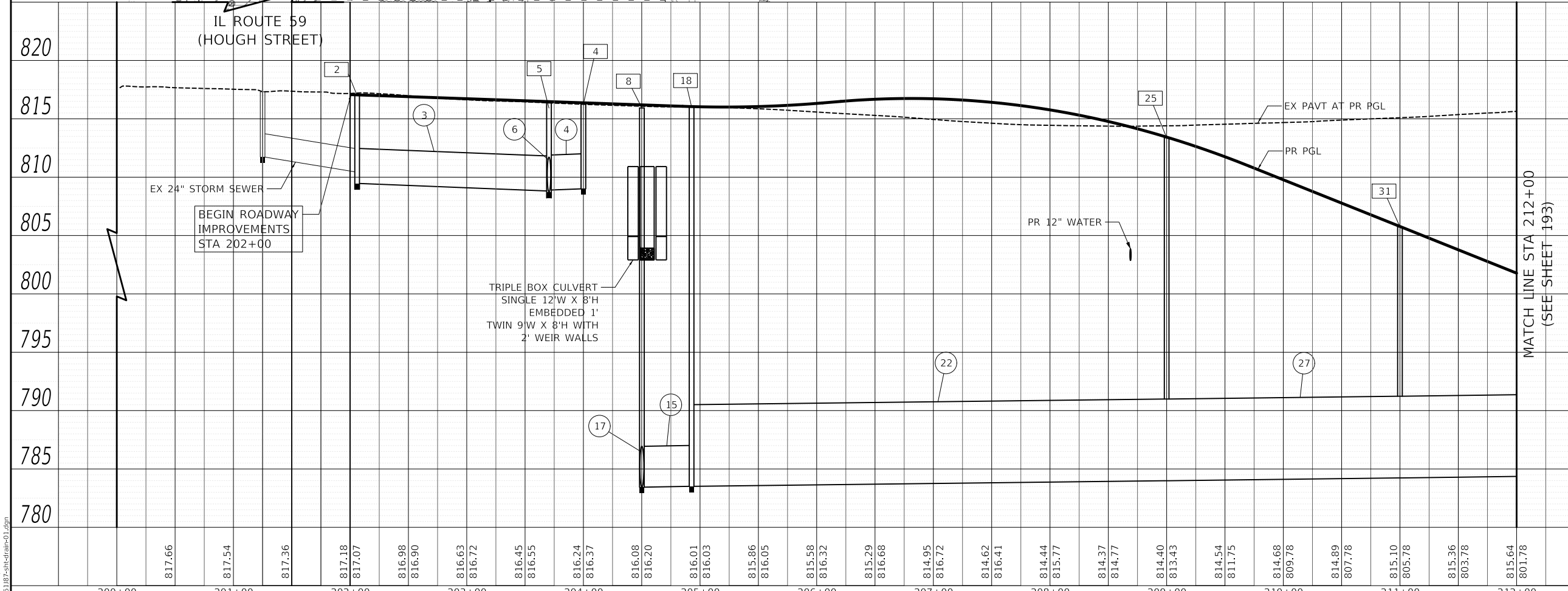
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	PLOTTED	BY
	ALIGNMENT CHECKED	
	GRADE CHECKED	
	STRUCTURE NOTATION CHECKED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATION CHECKED	
	FILE NAME	
	NO.	



DRAINAGE LEGEND

- EXISTING STORM SEWER
- EXISTING INLETS
- EXISTING CATCH BASINS
- EXISTING MANHOLES
- PROPOSED STORM SEWER
- PROPOSED INLET
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED HEADWALL
- PROPOSED SWALE
- PROPOSED DITCH
- ← PROPOSED OUTLET



200+00	817.66	201+00	817.54	202+00	817.36	203+00	817.18	204+00	816.98	205+00	816.86	206+00	816.72	207+00	816.55	208+00	816.41	209+00	816.24	210+00	816.01	211+00	815.86	212+00	815.64
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MODEL: SHODLNAME

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PLOT DATE = 8/27/2024	CHECKED - TKL	REVISED -
	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

US ROUTE 14 DRAINAGE PLAN AND PROFILE			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 305	SECTION 11-00087-00-GS	COUNTY LAKE	TOTAL SHEETS 816	SHEET NO. 191
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

1 CB TA 4 DIA T24F&G
STA. 202+06, 28.0' LT
RIM = 816.49
INV = 811.97 (S)

2 MAN TA 6 DIA T1F CL
STA. 202+06, 2.6 LT
RIM = 817.00
INV = 811.11 (N)
INV = 811.47 (S)
INV = 809.46 (E)
INV = 810.46 (EX W)

3 CB TA 4 DIA T24F&G
STA. 202+06, 24.0 RT
RIM = 816.57
INV = 812.07 (N)

4 MAN TA 6 DIA T1F CL
STA. 204+00, 5.0 LT
RIM = 816.27
INV = 811.14 (N)
INV = 811.13 (S)
INV = 809.00 (W)

5 MAN TA 9 DIA T1F CL
STA. 203+71, 4.6 LT
RIM = 816.38
INV = 808.72 (SE)
INV = 808.90 (E)
INV = 808.82 (W)

6 CB TA 4 DIA T24F&G
STA. 203+97, 24.0 RT
RIM = 815.90
INV = 811.39 (N)

7 CB TA 4 DIA T24F&G
STA. 204+00, 28.0 LT
RIM = 815.81
INV = 811.33 (S)

8 MAN TA 6 DIA T1F CL
STA. 204+50, 35.1 RT
RIM = 815.93
INV = 783.44 (NE/S)

9 CB TA 4 DIA T8G
STA. 204+37, 83.6 RT
RIM = 815.40
INV = 812.04 (S/E/W)

10 INLETS TA T1F OL
STA. 204+34, 121.6 RT
RIM = 815.58
INV = 812.40 (N)

11 PRC CONCRETE ES, 24"
STA. 203+98, 239.1 RT
INV = 810.55 (E)

12 MAN TA 6 DIA T1F CL
STA. 204+39, 239.5 RT
RIM = 816.82
INV = 810.95 (N/W)

13 INLETS TA T24F&G
STA. 205+06, 27.7 LT
RIM = 815.47
INV = 811.96 (E)

14 INLETS TA T24F&G
STA. 205+21, 27.7 LT
RIM = 815.48
INV = 810.95 (E/W)

15 CB TA 4 DIA T24F&G
STA. 205+36, 27.7 LT
RIM = 815.48
INV = 810.77 (NE/W)

16 CB TA 4 DIA T24F&G
STA. 205+06, 25.5 RT
RIM = 815.52
INV = 810.52 (E)

17 INLETS TA T8G
STA. 204+63, 84.1 RT
RIM = 815.40
INV = 812.30 (W)

18 MAN TA 9 DIA T1F CL
STA. 204+93, 1.5 RT
RIM = 816.02
INV = 783.51 (SW/E)

19 CB TA 4 DIA T24F&G
STA. 205+21, 25.8 RT
RIM = 815.50
INV = 810.34 (NE/E)
INV = 810.36 (W)

20 CB TA 4 DIA T24F&G
STA. 205+36, 26.0 RT
RIM = 815.50
INV = 810.50 (W)

21 MAN TA 8 DIA T1F CL
STA. 205+55, 32.9 LT
RIM = 815.86
INV = 808.67 (NW)
INV = 809.36 (SW)
INV = 810.53 (W)

22 CB TA 4 DIA T11VF&G
STA. 1003+87, 25.3 LT
RIM = 814.85
INV = 809.85 (S)

23 CB TA 4 DIA T24F&G
STA. 209+00, 27.5 RT
RIM = 812.88
INV = 808.38 (N)

24 MAN TA 5 DIA T1F CL
STA. 1003+17, 9.1 RT
RIM = 814.72
INV = 809.17 (N)
INV = 806.73 (EX 12" NE)
INV = 806.53 (EX 12" SE)
INV = 806.63 (EX 12" SW)

25 MAN TA 5 DIA T1F CL
STA. 209+00, 2.0 RT
RIM = 813.39
INV = 808.12 (N)
INV = 808.16 (S)
TOP OF PIPE = 790.99 (E/W)

26 CB TA 4 DIA T24F&G
STA. 209+00, 27.5 LT
RIM = 812.88
INV = 808.38 (S)

27 CB TA 4 DIA T11F&G
STA. 17+63, 10.34 RT
RIM = 810.74
INV = 807.30 (NE/E)

28 INLETS TA T11VF&G
STA. 17+70, 10.24 RT
RIM = 810.77
INV = 807.34 (W)

29 CB TA 4 DIA T24F&G
STA. 211+00, 27.5 RT
RIM = 805.23
INV = 800.73 (N)

30 CB TA 4 DIA T24F&G
STA. 211+00, 27.5 LT
RIM = 805.23
INV = 800.73 (S)

31 MAN TA 5 DIA T1F CL
STA. 211+00, 2.0 RT
RIM = 805.74
INV = 800.47 (N)
INV = 800.51 (S)
TOP OF PIPE = 791.23 (E/W)

32 CB TA 4 DIA T8G
STA. 211+62, 47.0 RT
RIM = 815.69
INV = 811.20 (S)

33 PRC FLAR END SEC 12
STA. 211+59, 102.3 RT
INV = 810.12 (N)

1 22' - STORM SEWER CL A 2, 12" @ 3.90%
TBF = 6 CU YD

2 23' - STORM SEWER CL A 2, 12" @ 2.60%
TBF = 6 CU YD

3 161' - STORM SEWER CL A 2, 36" @ 0.42%
TBF = 127 CU YD

4 26' - STORM SEWER CL A 2, 36" @ 0.42%
TBF = 20 CU YD

5 19' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 4 CU YD

6 51' - STORM SEWER CL A 2, 36" @ 0.43%
TBF = 44 CU YD

7 26' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 6 CU YD

8 4' - STORM SEWER CL A 1, 12" @ 1.00%
TBF = 0 CU YD

9 36' - STORM SEWER CL A 1, 12" @ 1.00%
TBF = 0 CU YD

10 40' - STORM SEWER CL A 1, 24" @ 1.00%
TBF = 0 CU YD

11 5' - STORM SEWER CL A 1, 24" @ 1.00%
TBF = 0 CU YD

12 13' - STORM SEWER CL A 1, 12" @ 1.50%
TBF = 2 CU YD

13 12' - STORM SEWER CL A 2, 12" @ 1.50%
TBF = 3 CU YD

14 16' - STORM SEWER CL A 2, 12" @ 1.50%
TBF = 4 CU YD

15 57' - STORM SEWER CL A 6, 42" @ 0.12%
TBF = 425 CU YD

16 26' - STORM SEWER CL A 1, 12" @ 1.00%
TBF = 2 CU YD

17 140' - STORM SEWERS JKD, 42"
TBF = 0 CU YD

18 11' - STORM SEWER CL A 2, 12" @ 1.50%
TBF = 3 CU YD

19 11' - STORM SEWER CL A 2, 12" @ 1.50%
TBF = 3 CU YD

20 65' - STORM SEWER CL A 2, 12" @ 1.50%
TBF = 21 CU YD

21 20' - STORM SEWER CL A 2, 18" @ 2.00%
TBF = 16 CU YD

22 407' - STORM SEWER CL A 5, 84" @ 0.12%
TBF = 3924 CU YD

23 22' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 5 CU YD

24 26' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 6 CU YD

25 5' - STORM SEWER WM REQ, 12" @ 1.00%
TBF = 1 CU YD

26 4' - STORM SEWER WM REQ, 12" @ 1.00%
TBF = 1 CU YD

27 200' - STORM SEWER CL A 4, 84" @ 0.12%
TBF = 1467 CU YD

28 68' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 18 CU YD

29 22' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 5 CU YD

30 26' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 6 CU YD

31 54' - STORM SEWER CL A 1, 12" @ 2.00%
TBF = 1 CU YD

MODEL: \\MODELNAME
FILE: \\NAME - 031018T-drc-drain-01a.dwg

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	DRAWN - EML	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - TKL	REVISED -
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

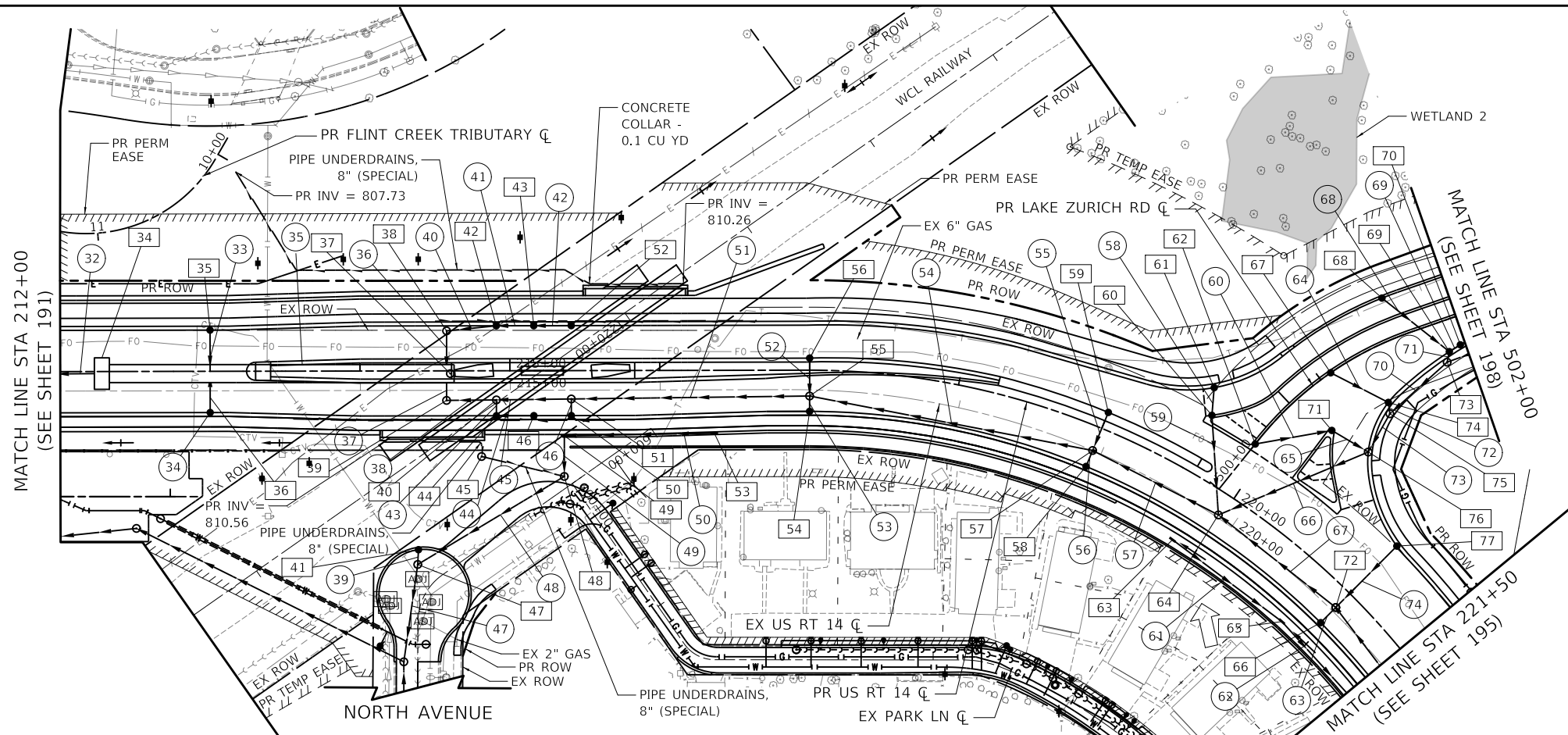
**US ROUTE 14
DRAINAGE CALLOUT INFORMATION**

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

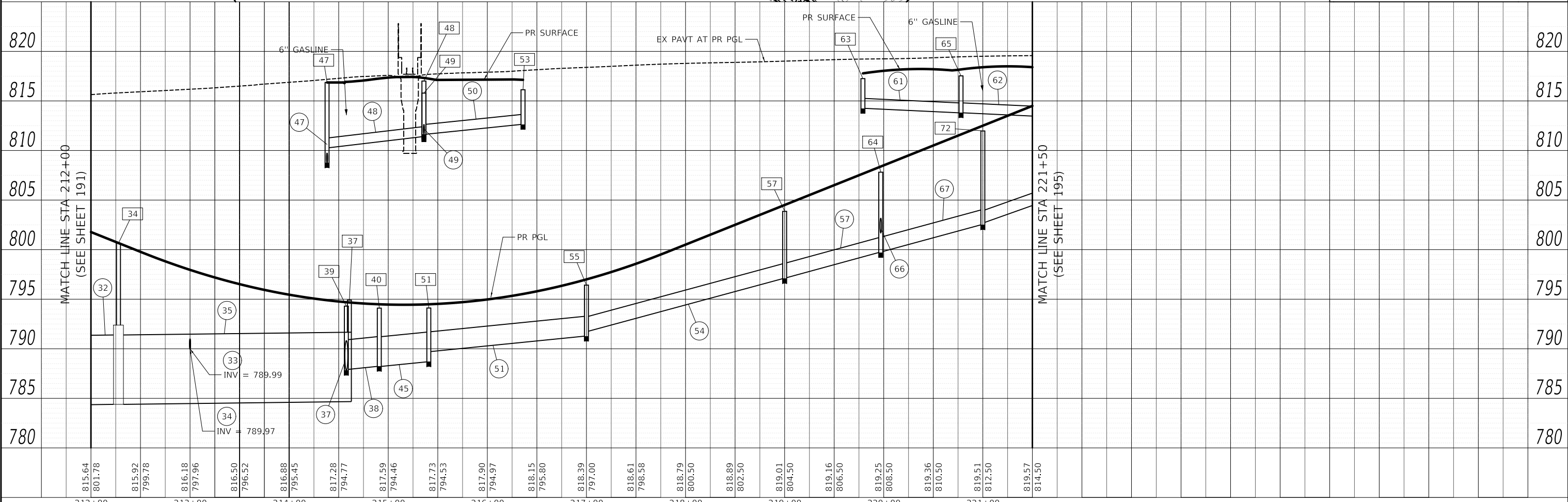
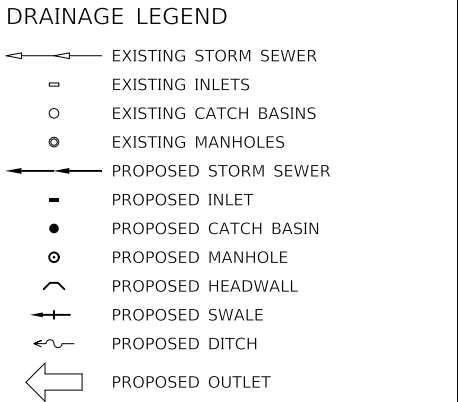
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	192
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

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

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



NOTE: SEE EROSION CONTROL - STAGE 1 AND 2, SHEETS 181 - 185, FOR WETLAND IMPACTS



MODEL: SMODEL\MAMES
FILE NAME: ...1016187-5-11-drain-02.dgn

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212+00	213+00	214+00	215+00	216+00	217+00	218+00	219+00	220+00	221+00										

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	DRAWN - EML	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - TKL	REVISED -
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

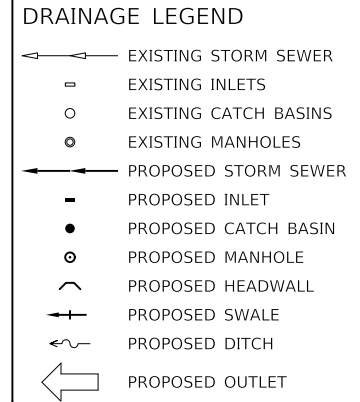
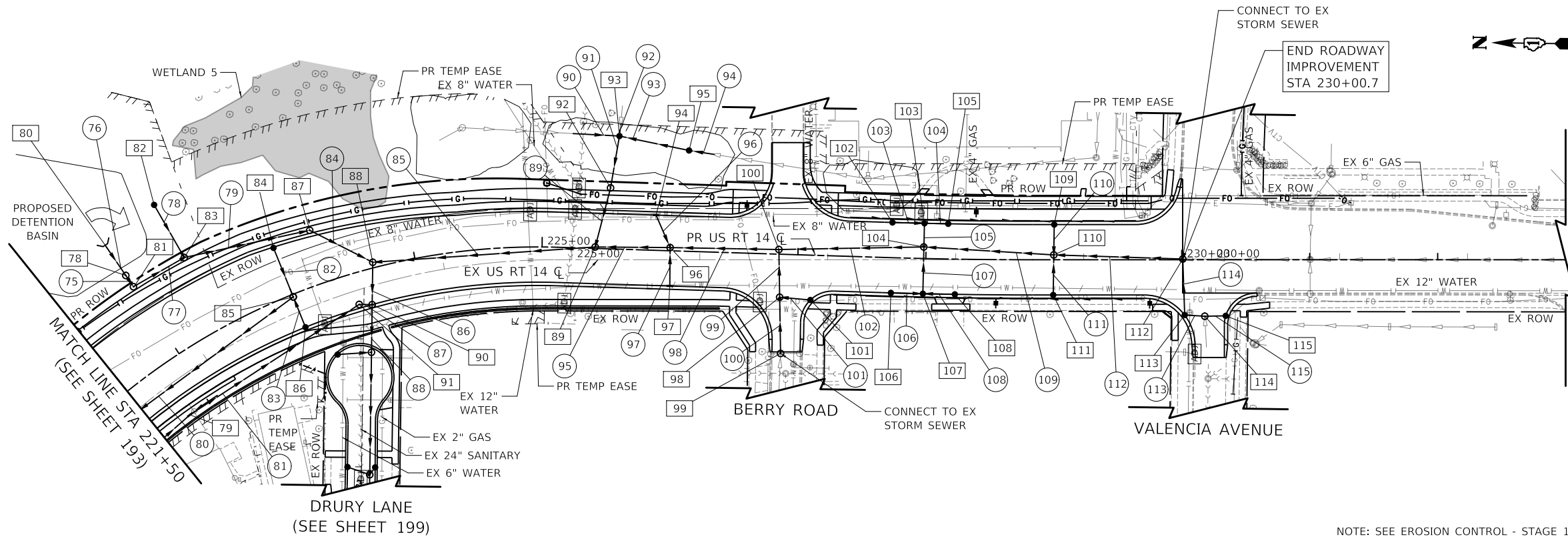
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 14
DRAINAGE PLAN AND PROFILE
SCALE: 1" = 50'
SHEET OF SHEETS STA. TO STA.

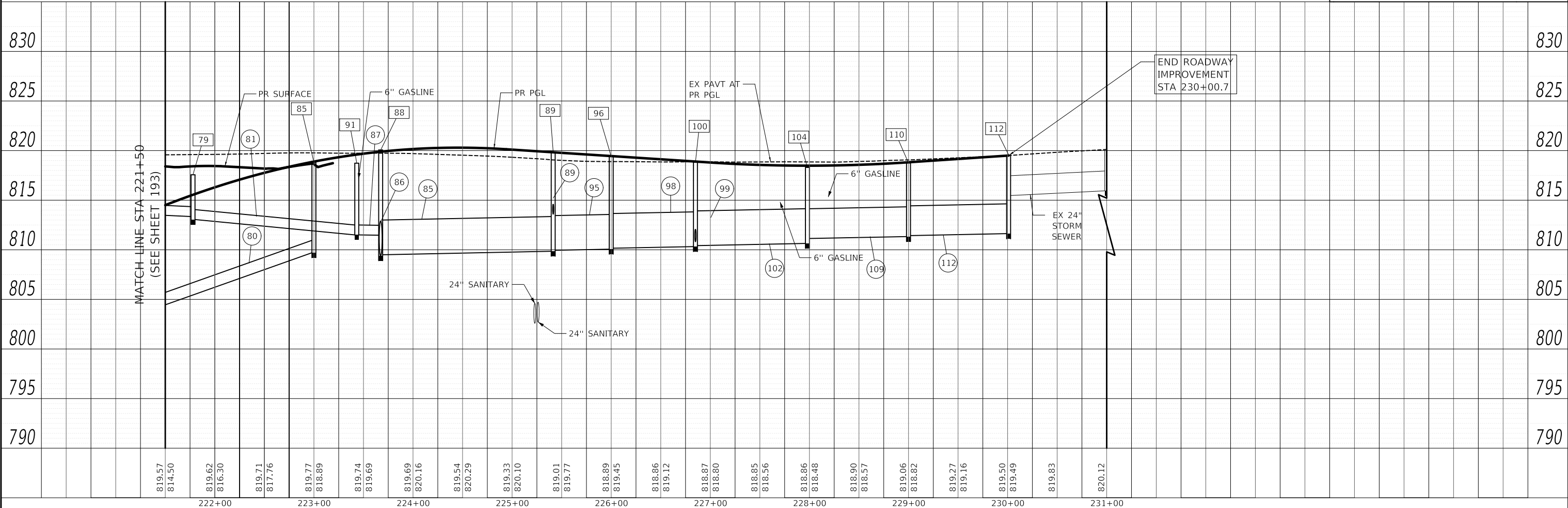
F.A.P. RTE. 305	SECTION 11-00087-00-GS	COUNTY LAKE	TOTAL SHEETS 816	SHEET NO. 193
CONTRACT NO. 61J87			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	



NOTE: SEE EROSION CONTROL - STAGE 1 AND 2, SHEETS 181 - 185, FOR WETLAND IMPACTS



MODEL: SMODELNAMES
FILE NAME: ...1010187-5-11-drain-03.dgn

Two Pierce Place, Suite 1400 Lasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	USER NAME = mc DESIGNED - EML DRAWN - EML CHECKED - TKL DATE - 08/28/2024	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 14 DRAINAGE PLAN AND PROFILE		F.A.P. RTE. 305 SECTION 11-00087-00-GS COUNTY LAKE TOTAL SHEETS 816 SHEET NO. 195 CONTRACT NO. 61J87
	PLOT SCALE = 100,0000' / in. PLOT DATE = 8/27/2024	SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

78 MAN TA 6 DIA W/2 T1F CL RP STA. 221+99, 73.9 LT RIM = 818.92 INV = 813.25 (NE/SW)

79 INLETS TB T8G STA. 221+79, 44.2 RT RIM = 817.84 INV = 813.35 (NW) INV = 813.05 (SE)

80 CONC ES 542001 18 1:4 STA. 221+99, 98.5 LT RIM = 816.95 INV = 813.50 (SW)

81 MAN TA 5 DIA T1F CL STA. 221+99, 62.8 LT RIM = 818.47 INV = 813.18 (NE/SE)

82 CB TB T7 G STA. 222+43, 109.3 LT RIM = 817.80 INV = 812.92 (SW)

83 MAN TA 6 DIA T1F CL STA. 222+55, 63.0 LT RIM = 819.77 INV = 812.48 (NE/NW/S)

84 CB TA 4 DIA T24F&G STA. 223+00, 39.3 LT RIM = 820.46 INV = 815.88 (SW)

85 MAN TA 5 DIA T1F CL STA. 223+00, 2.0 RT RIM = 818.81 INV = 809.7 (NW) INV = 814.93 (NE) INV = 813.13 (SW)

86 CB TA 4 DIA T24F&G STA. 223+00, 27.5 RT RIM = 817.79 INV = 813.35 (NE)

87 MAN TA 4 DIA T1F CL STA. 223+29, 42.3 RT RIM = 821.23 INV = 811.65 (N/SW)

88 MAN TA 8 DIA T1F CL STA. 223+67, 4.3 LT RIM = 820.06 INV = 811.13 (NE) INV = 809.50 (S) INV = 809.40 (W)

89 MAN TA 7 DIA T1F CL STA. 225+41, 1.2 LT RIM = 819.85 INV = 809.85 (N) INV = 809.95 (S) INV = 814.49 (E)

90 MAN TA 7 DIA T1F CL STA. 707+27, 6.5 RT RIM = 818.69 INV = 811.47 (N) INV = 809.34 (E) INV = 809.24 (W)

91 MAN TA 4 DIA T1F CL STA. 223+48, 24.6 RT RIM = 818.68 INV = 811.50 (NW/S)

92 MAN TA 4 DIA T1F CL STA. 225+52, 47.6 LT RIM = 820.21 INV = 814.80 (E/W)

93 CB TA 4 DIA T8G STA. 225+58, 88.3 LT RIM = 817.45 INV = 814.97 (W) INV = 815.06 (N/E/S)

94 INLETS TA T24F&G STA. 225+88, 27.5 LT RIM = 819.63 INV = 815.65 (SW)

95 CB TA 4 DIA T8G STA. 226+12, 78.8 LT RIM = 818.06 INV = 815.41 (N/S)

96 MAN TA 8 DIA T1F CL STA. 226+00, 2.5 LT RIM = 819.46 INV = 810.06 (N) INV = 815.41 (NE) INV = 810.16 (S) INV = 815.12 (W)

97 INLETS TA T24F&G STA. 226+01, 27.5 RT RIM = 818.89 INV = 815.39 (E)

98 MAN TA 4 DIA T1F CL STA. 226+87, 33.6 RT RIM = 818.24 INV = 811.50 (E) INV = 813.18 (S) INV = 814.13 (W)

99 MAN TA 4 DIA T1F CL STA. 226+89, 77.5 RT RIM = 818.23 INV = 814.93 (E) INV = 814.93 (EX 12" W)

100 MAN TA 7 DIA T1F CL STA. 226+85, 3.6 LT RIM = 818.82 INV = 810.32 (N) INV = 810.42 (S) INV = 810.82 (W)

101 CB TA 4 DIA T24F&G STA. 227+11, 35.0 RT RIM = 817.89 INV = 813.39 (N)

102 CB TA 4 DIA T24F&G STA. 227+73, 27.5 LT RIM = 817.95 INV = 813.45 (S)

103 CB TA 4 DIA T24F&G STA. 227+98, 27.5 LT RIM = 817.93 INV = 813.14 (N) INV = 813.23 (S) INV = 812.89 (W)

104 MAN TA 7 DIA T1F CL STA. 227+98, 9.0 LT RIM = 818.30 INV = 810.64 (N) INV = 811.14 (S) INV = 812.74 (E) INV = 814.27 (W)

105 CB TA 4 DIA T24F&G STA. 228+17, 27.5 LT RIM = 817.94 INV = 813.45 (N)

106 CB TA 4 DIA T24F&G STA. 227+73, 27.5 RT RIM = 817.95 INV = 814.81 (S)

107 CB TA 4 DIA T24F&G STA. 227+98, 27.5 RT RIM = 817.93 INV = 814.60 (N/S/E)

108 CB TA 4 DIA T24F&G STA. 228+23, 27.5 RT RIM = 817.95 INV = 814.81 (N)

109 CB TA 4 DIA T24F&G STA. 229+00, 27.5 LT RIM = 818.27 INV = 813.77 (W)

110 MAN TA 7 DIA T1F CL STA. 229+00, 3.8 LT RIM = 818.75 INV = 811.34 (N) INV = 811.44 (S) INV = 813.35 (E) INV = 813.37 (W)

111 CB TA 4 DIA T24F&G STA. 229+00, 27.5 RT RIM = 818.27 INV = 814.67 (E)

112 MAN TA 5 DIA T1F CL STA. 230+01, 0.6 LT RIM = 819.52 INV = 811.63 (N) INV = 815.47 (EX 24" S) INV = 813.63 (W)

113 CB TA 4 DIA T24F&G STA. 230+02, 43.2 RT RIM = 818.92 INV = 815.15 (E/S)

114 MAN TA 4 DIA T1F CL STA. 230+18, 44.1 RT RIM = 819.05 INV = 815.27 (N/S) INV = 815.93 (EX 12" W)

115 CB TA 4 DIA T24F&G STA. 230+34, 43.8 RT RIM = 818.83 INV = 815.40 (N) INV = 817.02 (EX 4" E) INV = 816.12 (EX 12" SE) INV = 816.22 (EX 4" W)

75 7' - STORM SEWER CL A 2, 18" @ 1.00% TBF = 0 CU YD

76 25' - STORM SEWER CL A 2, 18" @ 1.00% TBF = 0 CU YD

77 42' - STORM SEWER CL A 2, 18" @ 1.67% TBF = 17 CU YD

78 44' - STORM SEWER CL A 2, 24" @ 1.00% TBF = 0 CU YD

79 97' - STORM SEWER CL A 2, 24" @ 0.86% TBF = 94 CU YD

80 192' - STORM SEWER CL A 2, 15" @ 3.60% TBF = 206 CU YD

81 155' - STORM SEWER WM REQ, 12" @ 1.00% TBF = 52 CU YD

82 38' - STORM SEWER CL A 2, 12" @ 2.50% TBF = 6 CU YD

83 22' - STORM SEWER CL A 2, 12" @ 1.00% TBF = 6 CU YD

84 52' - STORM SEWER WM REQ, 24" @ 1.00% TBF = 61 CU YD

85 171' - STORM SEWER CL A 2, 42" @ 0.20% TBF = 252 CU YD

86 30' - STORM SEWER CL A 2, 42" @ 0.20% TBF = 42 CU YD

87 7' - STORM SEWER CL A 2, 12" @ 0.50% TBF = 6 CU YD

88 34' - STORM SEWER WM REQ, 42" @ 0.19% TBF = 44 CU YD

89 44' - STORM SEWER WM REQ, 12" @ 0.70% TBF = 12 CU YD

90 35' - STORM SEWER CL A 1, 12" 0.33 % TBF = 0 CU YD

91 39' - STORM SEWER CL A 1, 12" 0.44% TBF = 0 CU YD

92 3' - STORM SEWER CL A 2, 15" @ 0.18% TBF = 0 CU YD

93 52' - STORM SEWER CL A 1, 12" 0.68% TBF = 0 CU YD

94 19' - STORM SEWER CL A 1, 12" 0.54% TBF = 0 CU YD

95 55' - STORM SEWER CL A 2, 42" @ 0.20% TBF = 72 CU YD

96 24' - STORM SEWER CL A 2, 12" @ 1.00% TBF = 3 CU YD

97 27' - STORM SEWER CL A 2, 12" @ 1.00% TBF = 4 CU YD

98 82' - STORM SEWER CL A 2, 42" @ 0.20% TBF = 91 CU YD

99 34' - STORM SEWER WM REQ, 15" @ 1.00% TBF = 26 CU YD

100 40' - STORM SEWER WM REQ, 12" @ 1.00% TBF = 4 CU YD

101 21' - STORM SEWER CL A 2, 12" @ 1.00% TBF = 5 CU YD

102 110' - STORM SEWER CL A 2, 42" @ 0.20% TBF = 96 CU YD

103 21' - STORM SEWER CL A 2, 12" @ 1.50% TBF = 5 CU YD

104 15' - STORM SEWER CL A 2, 12" @ 1.50% TBF = 3 CU YD

105 15' - STORM SEWER CL A 2, 15" @ 1.00% TBF = 4 CU YD

106 21' - STORM SEWER CL A 1, 12" @ 1.00% TBF = 1 CU YD

107 33' - STORM SEWER WM REQ, 15" @ 1.00% TBF = 6 CU YD

108 21' - STORM SEWER CL A 1, 12" @ 1.00% TBF = 1 CU YD

109 98' - STORM SEWER CL A 2, 36" @ 0.20% TBF = 66 CU YD

110 20' - STORM SEWER CL A 2, 12" @ 2.00% TBF = 5 CU YD

111 28' - STORM SEWER WM REQ, 12" @ 1.50% TBF = 4 CU YD

112 97' - STORM SEWER CL A 2, 36" @ 0.20% TBF = 73 CU YD

113 12' - STORM SEWER WM REQ, 12" @ 1.00% TBF = 2 CU YD

114 40' - STORM SEWER WM REQ, 12" @ 1.00% TBF = 6 CU YD

115 13' - STORM SEWER CL A 1, 12" @ 1.00% TBF = 1 CU YD

MODEL: \\MODELNAME
FILE: \\NAME - 20241013-1017-41-civiltech-02a.dgn

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USER NAME = mc	DESIGNED - EML	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - EML	REVISED -
PLOT DATE = 10/1/2024	CHECKED - TKL	REVISED -
	DATE - 10/01/2024	REVISED -

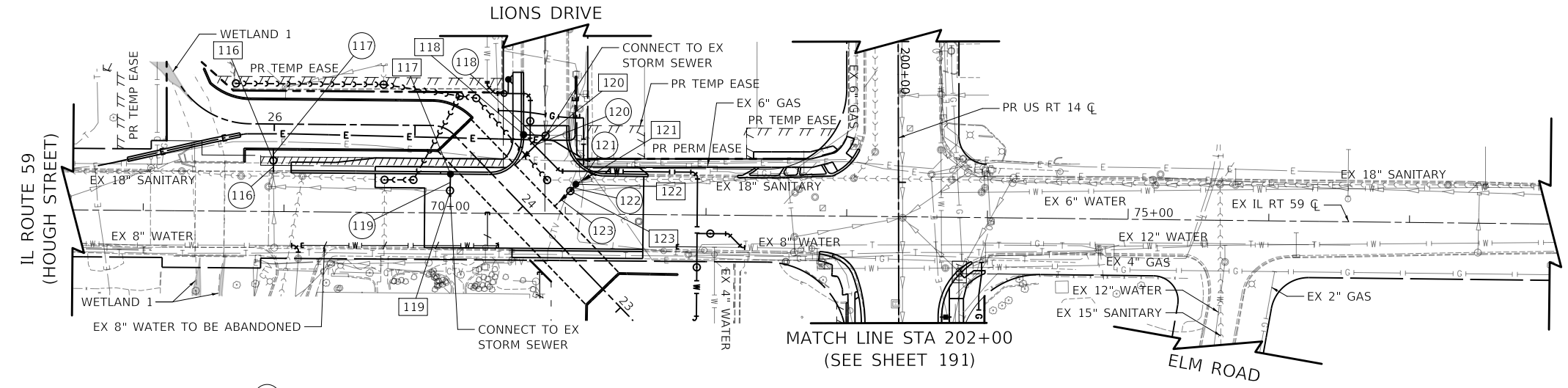
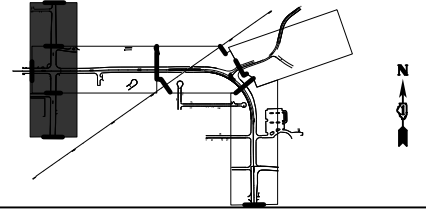
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14
DRAINAGE CALLOUT INFORMATION**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	196
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

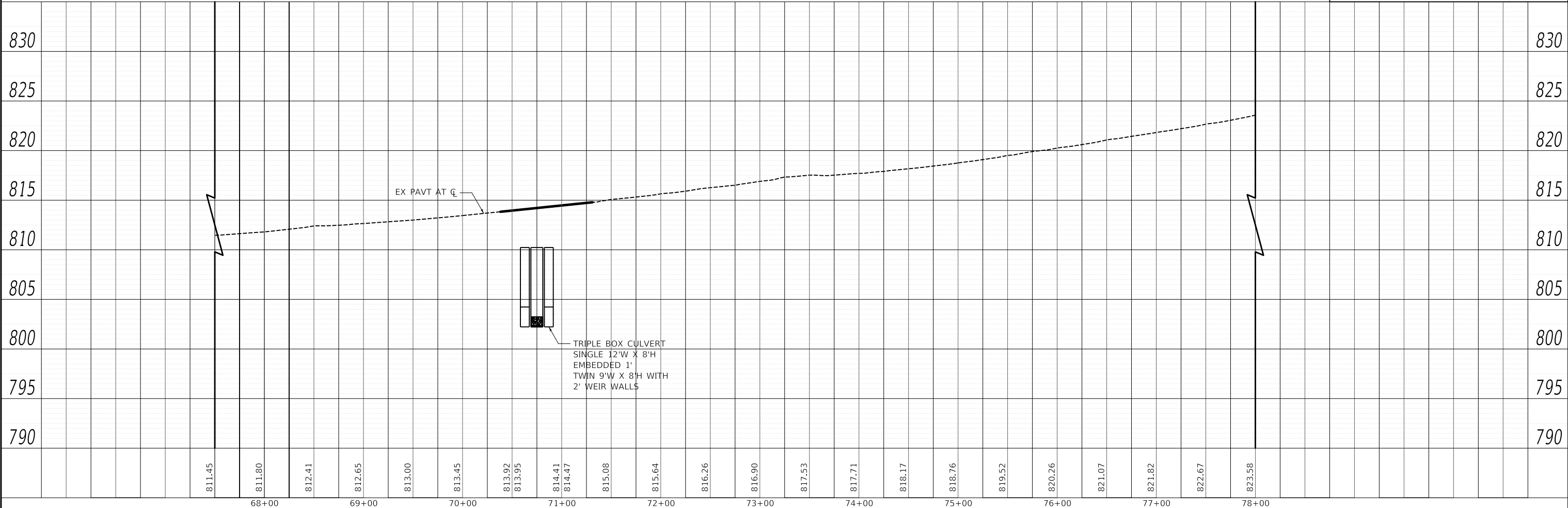
NOTE: SEE EROSION CONTROL - STAGE 1 AND 2, SHEETS 181 - 185, FOR WETLAND IMPACTS



DRAINAGE LEGEND

- EXISTING STORM SEWER
- EXISTING INLETS
- EXISTING CATCH BASINS
- EXISTING MANHOLES
- PROPOSED STORM SEWER
- PROPOSED INLET
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- PROPOSED HEADWALL
- PROPOSED SWALE
- PROPOSED DITCH
- ← PROPOSED OUTLET

- | | | | | | | |
|--|---|--|---|---|---|--|
| 116 6' - STORM SEWER CL A 2, 12" @ 2.00%
TBF = 1 CU YD | 120 29' - STORM SEWER WM REQ, 12" @ 0.44%
TBF = 26.0 CU YD | 116 MAN TA 4 DIA T1F CL
STA. 68+92, 36.2 LT
RIM = 812.95
INV = 805.14 (W)
INV = 808.29 (E) | 118 CB TA 4 DIA T1F&G
STA. 908+93.50, 15.15 RT
RIM = 813.48
INV = 809.60 (N) | 120 MAN TA 7 DIA T1F CL
STA. 70+86, 19.9 LT
RIM = 813.72
INV = 805.54 (SE)
INV = 809.55 (S)
INV = UNKOWN (EX 12" W)
INV = 810.70 (EX 12" N) | 121 INLETS TA T11VF&G
STA. 71+20, 28.6 LT
RIM = 814.07
INV = 811.99 (SE) | 123 MAN TA 6 DIA T1F CL
STA. 71+03, 16.3 LT
RIM = 814.20
INV = 807.59 (NW/SE).
INV = 808.65 (EX 12" N) |
| 117 7' - STORM SEWER CL A 2, 12" @ 2.00%
TBF = 6 CU YD | 121 12' - STORM SEWER WM REQ, 12" @ 0.44%
TBF = 1.0 CU YD | 117 CB TA 4 DIA T1F&G
STA. 70+18, 27.6 LT
RIM = 813.26
INV = 807.21 (E) | 119 MAN TA 4 DIA T1F CL
STA. 70+18, 15.9 LT
RIM = 813.38
INV = 807.13 (W/EX 12" S) | | | |
| 118 12' - STORM SEWER WM REQ, 12" @ 0.44%
TBF = 2 CU YD | 122 3' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 2.0 CU YD | | | | | |
| 119 8' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 3 CU YD | 123 14' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 10.0 CU YD | | | | | |



DATE	
BY	
PLAN	
NO.	
NO.	
NO.	

DATE	
BY	
PROFILE	
NO.	
NO.	
NO.	

MODEL: SMODELNAMES
FILE NAME: ...10101875-sht-drain-04.dgn

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USER NAME = mc	DESIGNED - EML	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - EML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - TKL	REVISED -
	DATE - 08/28/2024	REVISED -

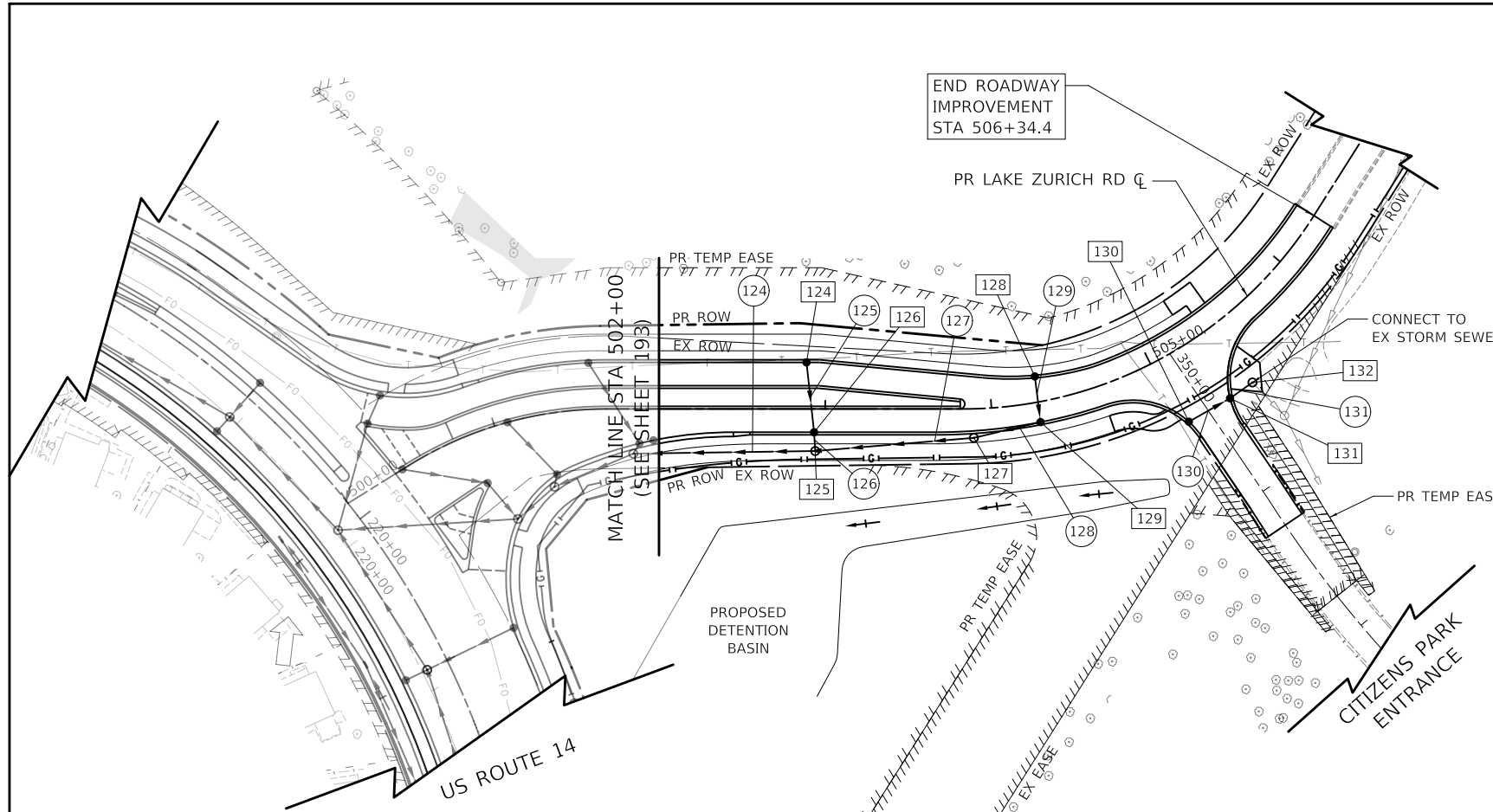
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL ROUTE 59 DRAINAGE PLAN AND PROFILE			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

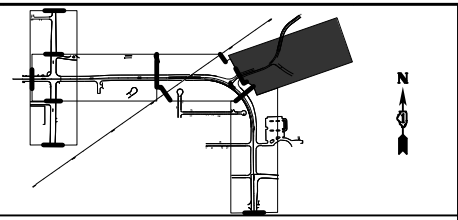
F.A.P. RTE. 338	SECTION 11-00087-00-GS	COUNTY LAKE	TOTAL SHEETS 816	SHEET NO. 197
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

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

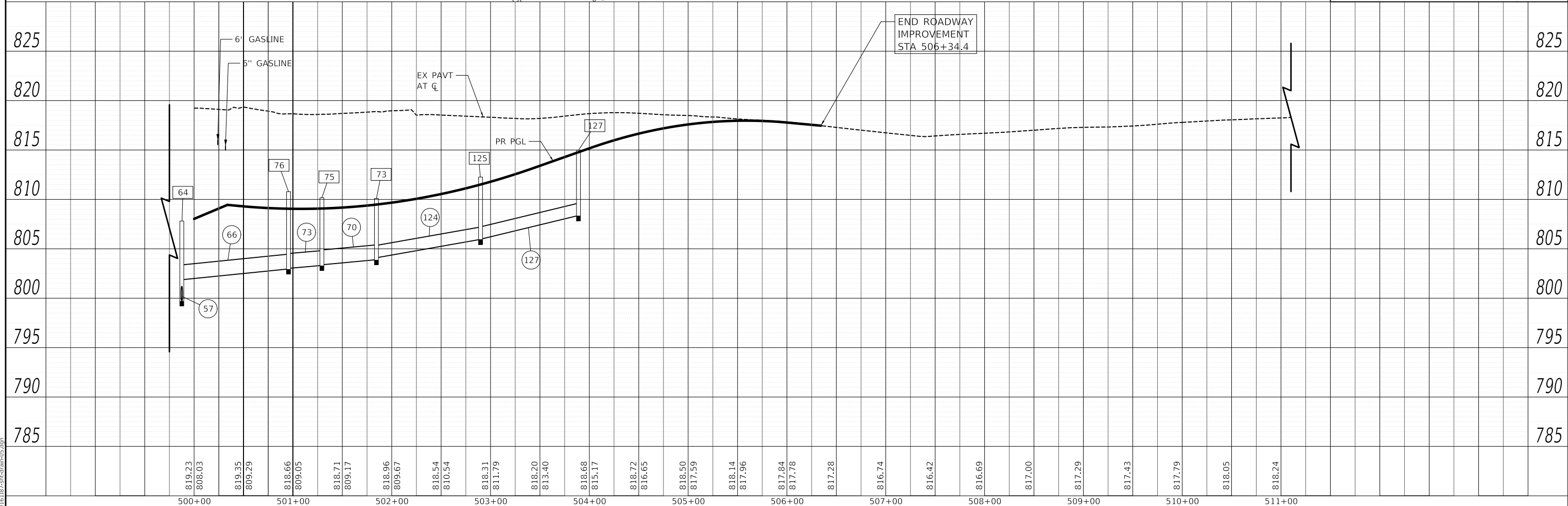
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK	
	NO.	
	STRUCTURE NOTATION	
	NO.	



- 124 CB TA 4 DIA T11VF&G STA. 502+89, 28.0 LT RIM = 811.39 INV = 806.86 (S)
- 125 MAN TA 4 DIA T1F CL STA. 502+90, 18.3 RT RIM = 812.26 INV = 806.17 (N) INV = 806.02 (E) INV = 805.92 (W)
- 126 CB TA 4 DIA T11VF&G STA. 502+93, 14.0 RT RIM = 811.65 INV = 806.25 (N/S)
- 127 MAN TA 4 DIA T1F CL STA. 503+89, 17.5 RT RIM = 814.98 INV = 810.50 (E) INV = 808.32 (W)
- 128 CB TA 4 DIA T11VF&G STA. 504+29, 15.5 LT RIM = 815.76 INV = 811.26 (S)
- 129 CB TA 4 DIA T11VF&G STA. 504+28, 12.1 RT RIM = 815.81 INV = 810.88 (N/W)
- 130 CB TA 4 DIA T11VF&G STA. 505+04, 41.4 RT RIM = 817.64 INV = 812.64 (NE)
- 131 CB TA 4 DIA T11VF&G STA. 505+29, 41.8 RT RIM = 818.03 INV = 812.39 (NE/SW)
- 132 MAN TA 4 DIA T1F CL STA. 505+43, 41.8 RT RIM = 818.00 INV = 812.26 (SW) INV = 811.84 (EX 15" SE)
- 124 106' - STORM SEWER CL A 2, 15" @ 1.70% TBF = 39 CU YD
- 125 39' - STORM SEWER CL A 2, 12" @ 1.60% TBF = 9 CU YD
- 126 8' - STORM SEWER CL A 2, 12" @ 1.00% TBF = 3 CU YD
- 127 92' - STORM SEWER CL A 2, 15" @ 2.50% TBF = 37 CU YD
- 128 38' - STORM SEWER CL A 2, 12" @ 1.00% TBF = 8 CU YD
- 129 24' - STORM SEWER CL A 2, 12" @ 1.60% TBF = 5 CU YD
- 130 25' - STORM SEWER CL A 2, 12" @ 1.00% TBF = 7 CU YD
- 131 13' - STORM SEWER CL A 2, 12" @ 1.00% TBF = 4 CU YD



- DRAINAGE LEGEND**
- EXISTING STORM SEWER
 - EXISTING INLETS
 - EXISTING CATCH BASINS
 - EXISTING MANHOLES
 - PROPOSED STORM SEWER
 - PROPOSED INLET
 - PROPOSED CATCH BASIN
 - PROPOSED MANHOLE
 - PROPOSED HEADWALL
 - PROPOSED SWALE
 - PROPOSED DITCH
 - ← PROPOSED OUTLET



MODEL: SMODELNAMES
FILE NAME: ...1010187-ss-drain-05.dgn

819.23	808.03	819.35	809.29	818.66	809.05	818.71	809.17	818.96	809.67	818.54	810.54	818.31	811.79	818.20	813.40	818.68	815.17	818.72	816.65	818.50	817.59	818.14	817.96	817.84	817.78	817.28	816.74	816.42	816.69	817.00	817.29	817.43	817.79	818.05	818.24				
500+00		501+00		502+00		503+00		504+00		505+00		506+00		507+00		508+00		509+00		510+00		511+00																	

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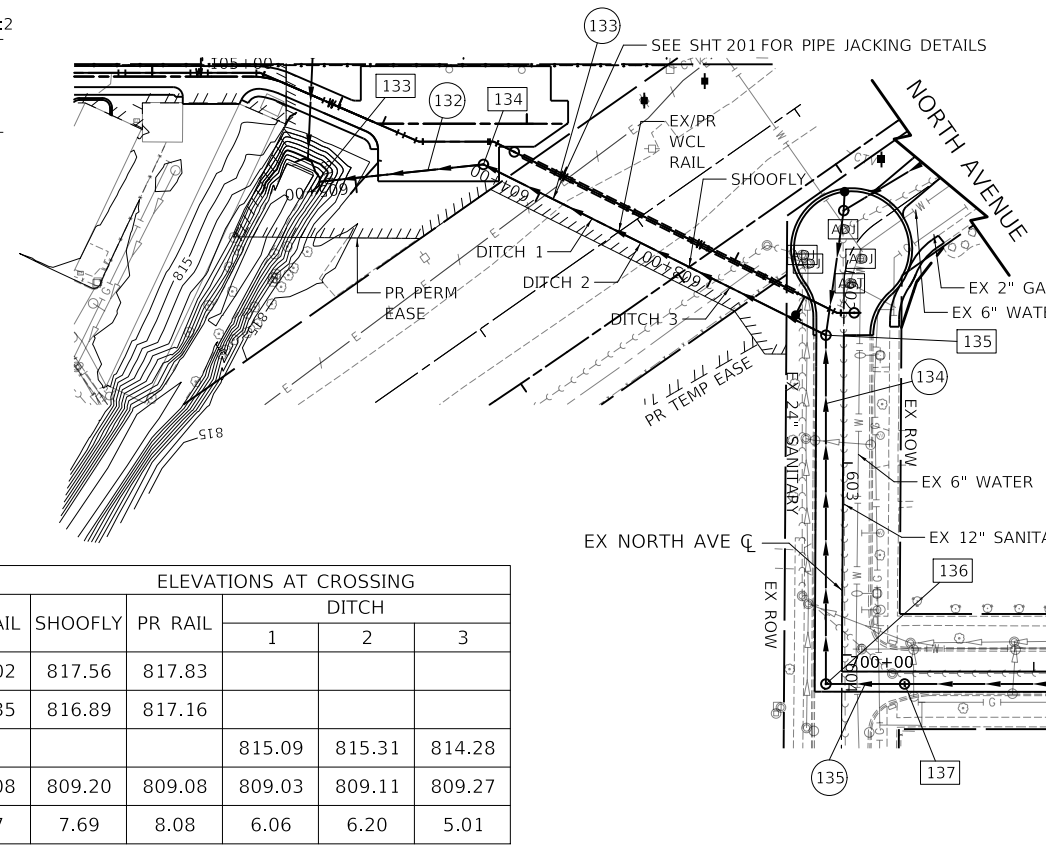
USER NAME = mc	DESIGNED - EML	REVISED -
	DRAWN - EML	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - TKL	REVISED -
PLOT DATE = 8/27/2024	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LAKE ZURICH ROAD DRAINAGE PLAN AND PROFILE			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 305	SECTION 11-00087-00-GS	COUNTY LAKE	TOTAL SHEETS 816	SHEET NO. 198
CONTRACT NO. 61J87				
ILLINOIS FED. AID PROJECT				

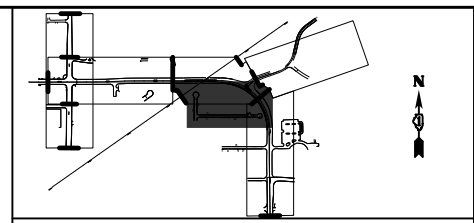
- 133 CONC ES 542001 42 1:2
STA. 211+65, 113.6 RT
INV = 805.12 (NE)
- 134 MAN TA 6 DIA T1F CL
STA. 212+51, 104.7 RT
RIM = 815.27
INV = 805.20 (SW)
INV = 805.30 (SE)
- 135 MAN TA 8 DIA T1F CL
STA. 602+33, 9.3 LT
RIM = 816.17
INV = 805.89 (NW)
INV = 805.99 (S)
INV = 807.24 (N)
- 136 MAN TA 8 DIA T1F CL
STA. 604+15, 8.3 RT
RIM = 816.88
INV = 806.35 (N)
INV = 806.45 (E)



- 137 MAN TA 7 DIA T1F CL
STA. 700+33, 6.5 RT
RIM = 816.41
INV = 807.68 (E)
INV = 806.52 (W)
- 138 MAN TA 6 DIA T1F CL
STA. 702+99, 6.5 RT
RIM = 816.90
INV = 808.31 (E)
INV = 808.21 (W)
- 139 MAN TA 9 DIA T1F CL
STA. 705+94, 6.5 RT
RIM = 818.23
INV = 813.48 (NE)
INV = 813.59 (SE)
INV = 808.99 (E)
INV = 808.89 (W)
- 140 CB TA 4 DIA T1F&G
STA. 706+00, 11.0 LT
RIM = 818.13
INV = 813.63 (SW)
- 141 CB TA 4 DIA T1F&G
STA. 706+00, 10.6 RT
RIM = 818.13
INV = 813.63 (NW)
- 142 MAN TA 7 DIA T1F CL
STA. 706+90, 6.5 RT
RIM = 818.98
INV = 814.46 (N)
INV = 809.18 (E/W)
- 143 CB TA 4 DIA T1F&G
STA. 706+88, 20.0 LT
RIM = 818.66
INV = 814.69 (SW)
- 132 82' - STORM SEWER CL A 2, 42" @ 0.10%
TBF = 50 CU YD
- 133 196' - STORM SEWERS JKD, 42"
TBF = 0 CU YD
- 134 178' - STORM SEWER CL A 2, 42" @ 0.20%
TBF = 266 CU YD
- 135 37' - STORM SEWER WM REQ, 42" @ 0.20%
TBF = 54 CU YD
- 136 263' - STORM SEWER CL A 2, 42" @ 0.20%
TBF = 276 CU YD
- 137 291' - STORM SEWER CL A 2, 42" @ 0.20%
TBF = 325 CU YD
- 138 15' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 3 CU YD
- 139 4' - STORM SEWER CL A 2, 12" @ 1.00%
TBF = 1 CU YD
- 140 92' - STORM SEWER CL A 2, 42" @ 0.20%
TBF = 116 CU YD
- 141 23' - STORM SEWER WM REQ, 12" @ 1.00%
TBF = 4 CU YD

	ELEVATIONS AT CROSSING					
	EX RAIL	SHOOFLY	PR RAIL	DITCH		
				1	2	3
TOP OF RAIL	817.02	817.56	817.83			
BOTTOM OF RAIL	816.35	816.89	817.16			
BOTTOM OF DITCH				815.09	815.31	814.28
TOP OF CASING	809.08	809.20	809.08	809.03	809.11	809.27
CLEARANCE *	7.27	7.69	8.08	6.06	6.20	5.01

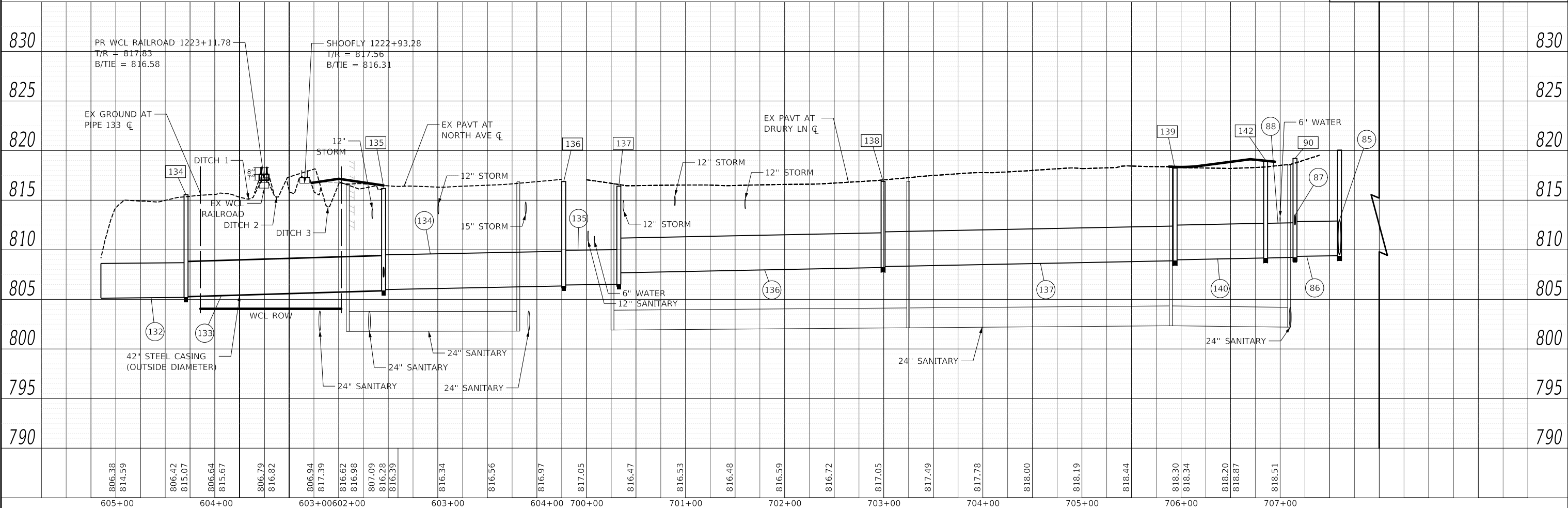
* CLEARANCE MEASURED FROM BOTTOM OF RAIL OR BOTTOM OF DITCH TO TOP OF CASING



- DRAINAGE LEGEND**
- EXISTING STORM SEWER
 - EXISTING INLETS
 - EXISTING CATCH BASINS
 - EXISTING MANHOLES
 - PROPOSED STORM SEWER
 - PROPOSED INLET
 - PROPOSED CATCH BASIN
 - PROPOSED MANHOLE
 - PROPOSED HEADWALL
 - PROPOSED SWALE
 - PROPOSED DITCH
 - PROPOSED OUTLET

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	

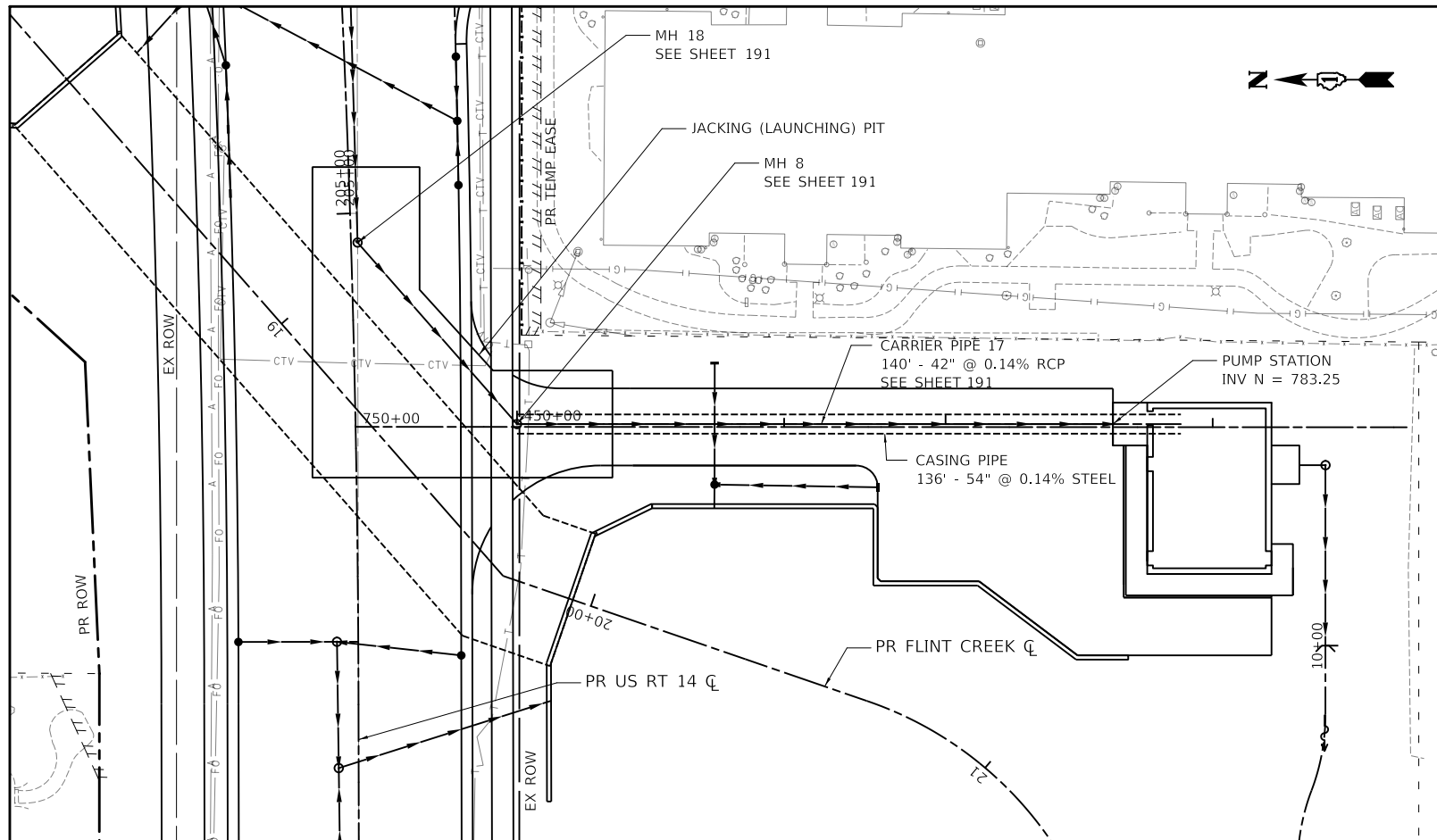
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	



<p>Two Pierce Place, Suite 1400 Mascia, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com</p>	USER NAME = mc DESIGNED - EML DRAWN - EML CHECKED - TKL DATE - 08/28/2024	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NORTH AVENUE AND DRURY LANE DRAINAGE PLAN AND PROFILE		F.A.P. RTE. 305 SECTION 11-00087-00-GS COUNTY LAKE TOTAL SHEETS 816 SHEET NO. 199 CONTRACT NO. 61J87
	PLOT SCALE = 100,0000' / in. PLOT DATE = 8/27/2024	SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

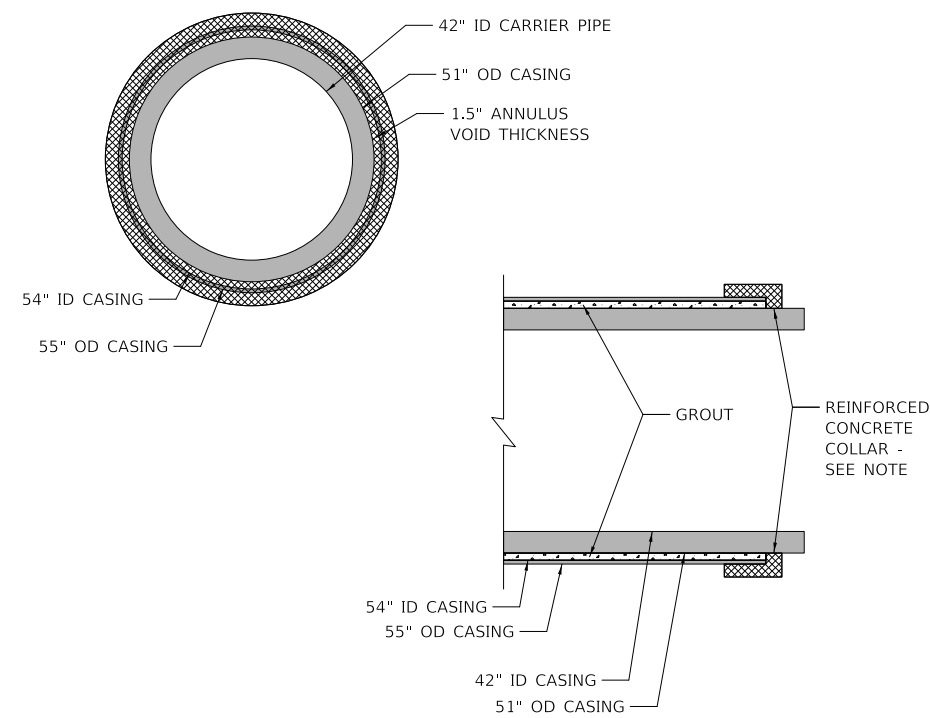
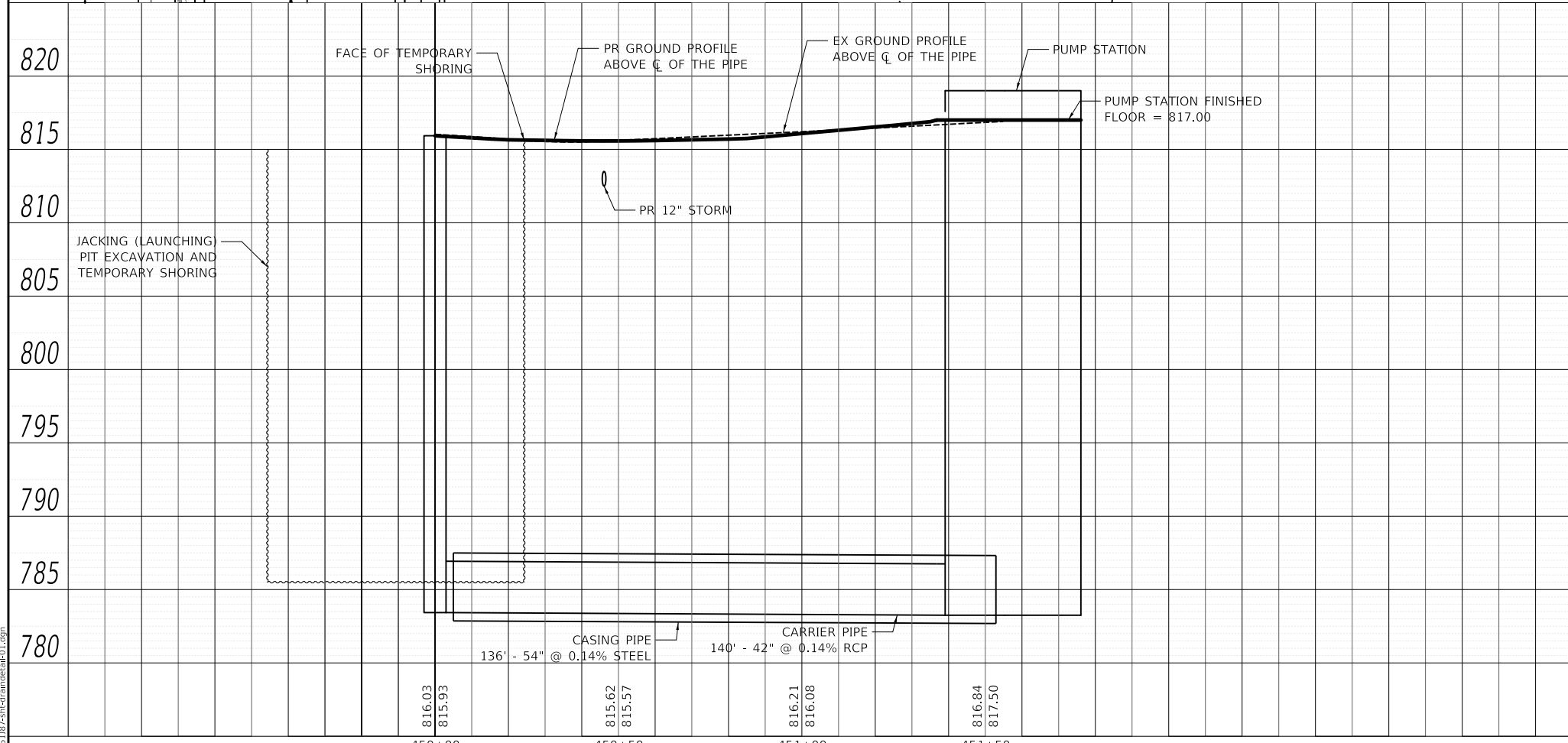
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	NOTED	FILE NAME
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOTATION
	NO.	



CARRIER (STORM SEWER) PIPE INFORMATION	
INSIDE DIAMETER	42"
OUTSIDE DIAMETER	51"
WALL THICKNESS	4.5"
PIPE MATERIAL	REINFORCED PRECAST CONCRETE
CLASS	V
JOINTS	RUBBER GASKETED TONGUE AND GROOVE ASTM C443
STANDARDS	AASHTO/M170
MIN. MATERIAL YIELD STRENGTH	4,000 PSI
PROCESS OF MANUFACTURE	PRECAST
NORMAL OPERATING PRESSURE	GRAVITY/NON-PRESSURIZED

CASING PIPE INFORMATION	
INSIDE DIAMETER	54"
OUTSIDE DIAMETER	55"
WALL THICKNESS	1"
PIPE MATERIAL	STEEL
WEIGHT	577.26 LBS/FT
MIN. MATERIAL YIELD STRENGTH	35,000 PSI
JOINT TYPE	WELDED SEAMLESS
STANDARDS APPLIED	ASTM A252, ASTM A139, ASTM A1011, ASTM A1018, AWWA C200
FUSION BONDED EPOXY THICKNESS	30 MILS
ABRASION RESISTANT OVERLAY THICKNESS	30 MILS
CATHODIC PROTECTION TYPE	NONE
ANNULUS VOID FILL MATERIAL	GROUT



NOTE: A REINFORCED CONCRETE COLLAR SHALL BE SECURED TO THE END OF THE CASING PIPE, USING SI CONCRETE AROUND THE OUTSIDE OF THE CARRIER PIPE TO PROVIDE A SEALED SURFACE FOR THE GROUT TO CURE AGAINST. REINFORCEMENT SHALL BE DESIGNED BY A STRUCTURAL ENGINEER. VENTS IN THE COLLAR SHALL BE PROVIDED AS NECESSARY TO ALLOW FOR FULL FILLING OF THE ANNULUS VOID WITH GROUT.

MODEL: SH06LNAME5
FILE NAME: ...D101875-sh-draindetail-01.dgn

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USER NAME = mc	DESIGNED - EML	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - EML	REVISED -
PLOT DATE = 8/27/2024	CHECKED - TKL	REVISED -
	DATE - 08/28/2024	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STORM SEWER JACKING REQUIREMENTS DETAILS
DRAINAGE PLAN AND PROFILE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	11-00087-00-GS	LAKE	816	200
CONTRACT NO. 61187				
ILLINOIS FED. AID PROJECT				