

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					PERM PVT MK (SEE PVT MK PLANS)	⑤	PVT MK - LINE 12"	P	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

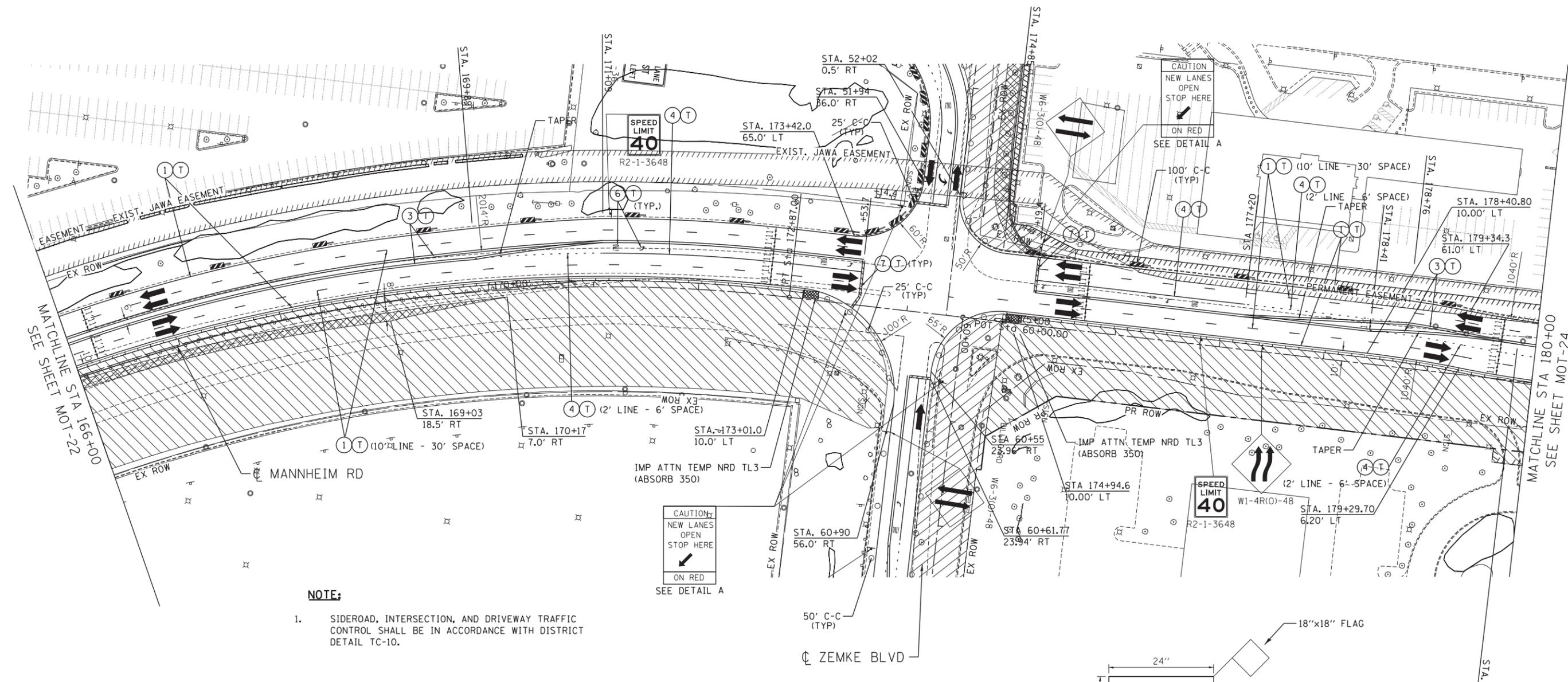
MAINTENANCE OF TRAFFIC STAGE 1			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 152+00 TO STA. 166+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	103
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-22



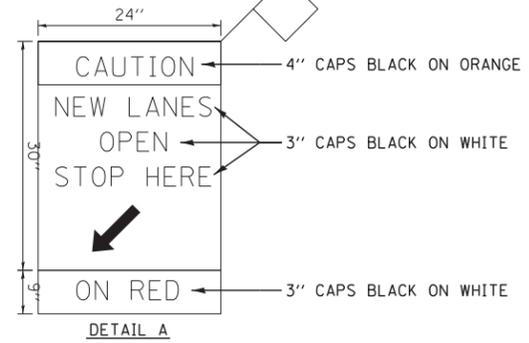
TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS



NOTE:
 1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.

CAUTION
 NEW LANES
 OPEN
 STOP HERE
 ON RED
 SEE DETAIL A

SPEED
 LIMIT
 40

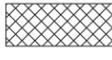


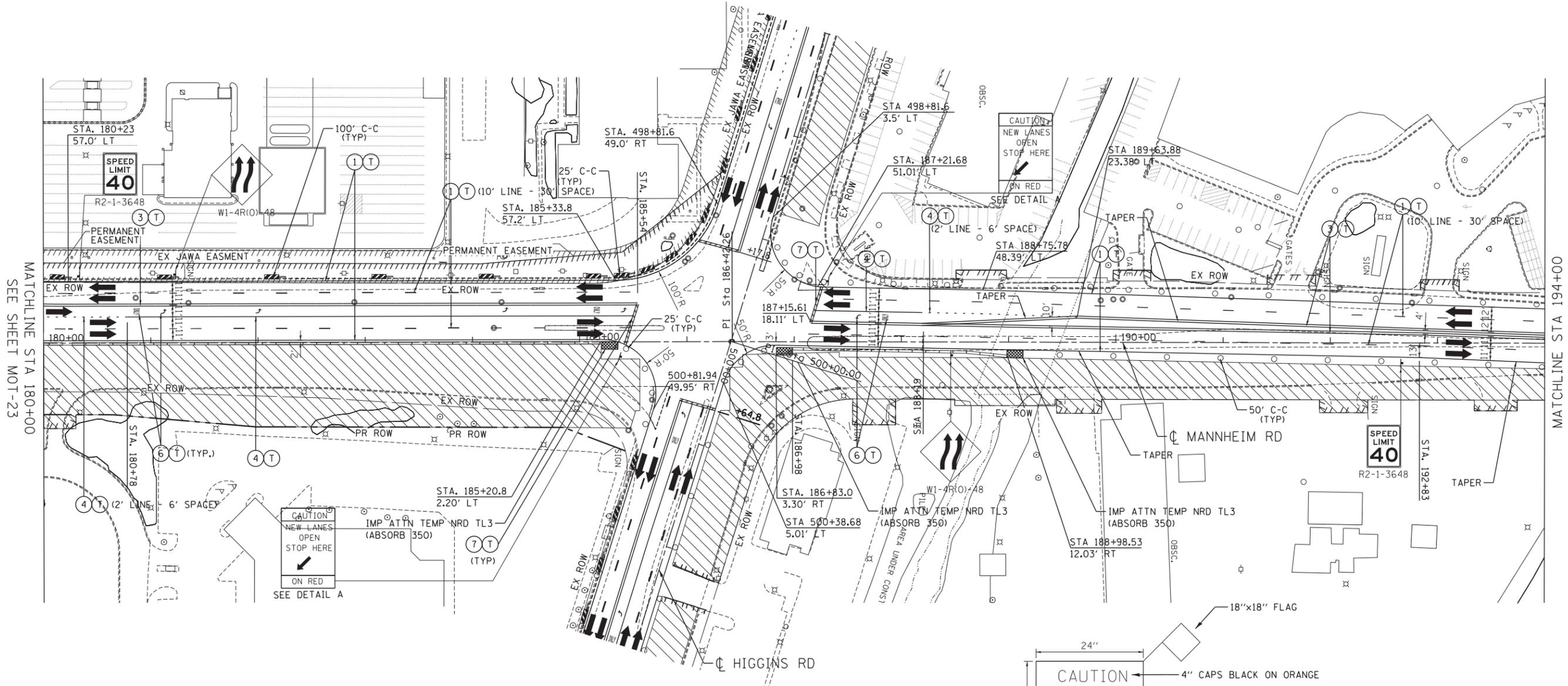
MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	Ⓣ	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	Ⓜ	PERM PVT MK (SEE PVT MK PLANS)
						⑤	PVT MK - LINE 12"		
						⑥	PVT MK - LTRS & SYMB		

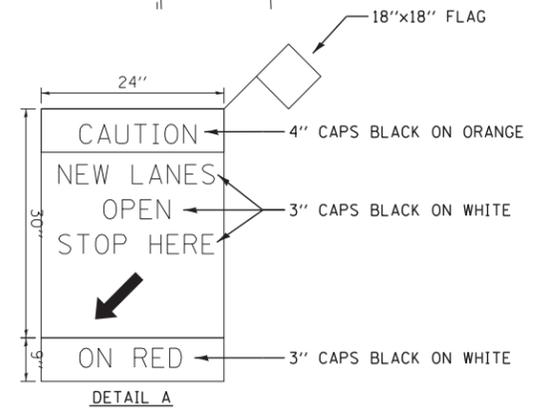
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MAINTENANCE OF TRAFFIC LEGEND

 WORK AREA	 TRAFFIC DIRECTION	 ARROW BOARD	① PVT MK - LINE 4" WHITE	⑦ PVT MK - LINE 24" WHITE
 TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)	 BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT	 DOUBLE VERTICAL PANEL	② PVT MK - LINE 4" YELLOW	⑧ PVT MK - LINE 8" WHITE
	 TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT	 PROPOSED SIGN	③ PVT MK - DBL 4" YELLOW	⑨ TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	 TYPE B MONO-DIRECTIONAL FLASHING LIGHT	 TEMPORARY CONCRETE BARRIER	④ PVT MK - LINE 6" WHITE	⑩ WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
		 RAMP CLOSED	⑤ PVT MK - LINE 12"	⑪ PERM PVT MK (SEE PVT MK PLANS)



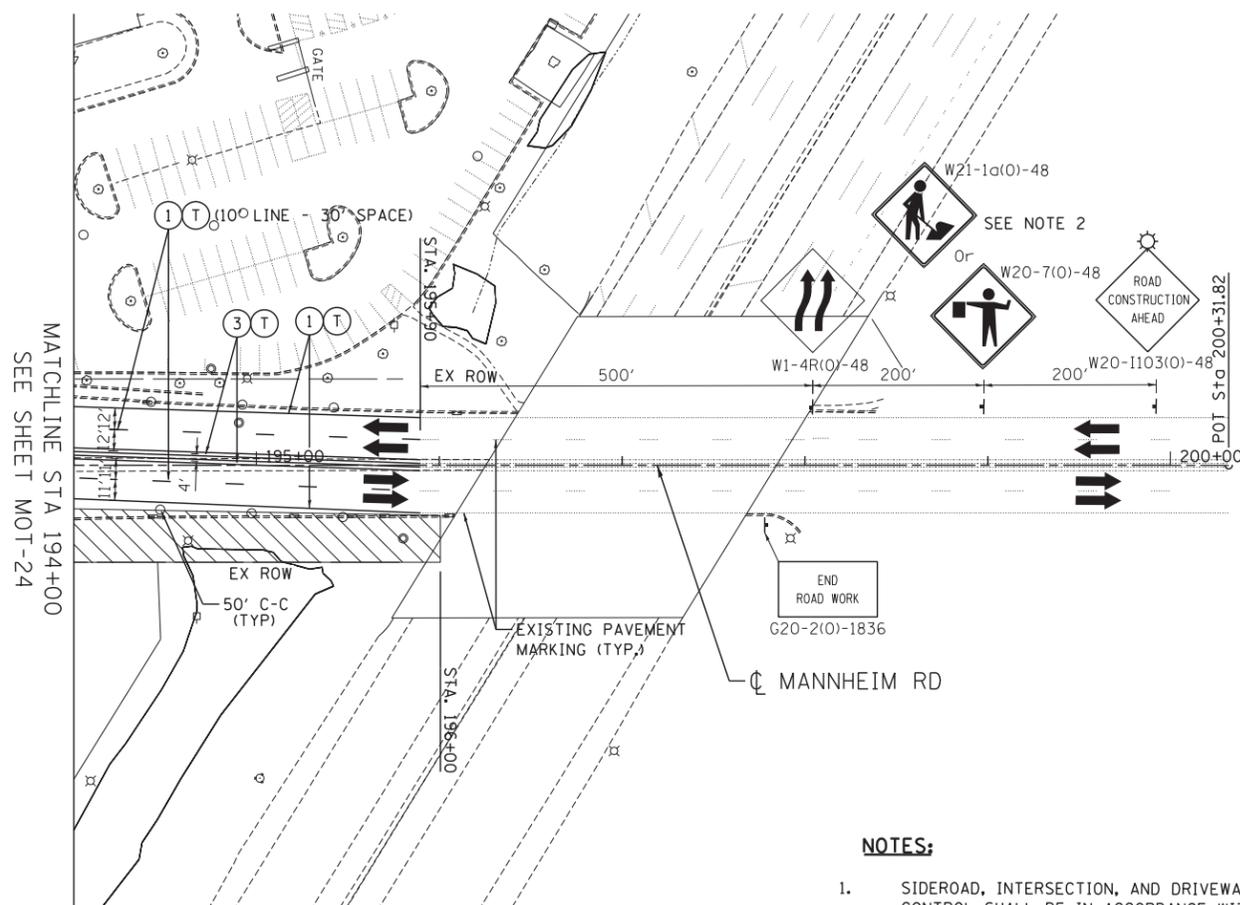
NOTE:
 1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.



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	PLOT DATE = *DATE*	DATE - 10/19/12	REVISIONS			STA. 180+00 TO STA. 194+00		ILLINOIS FED. AID PROJECT				

MOT-24



NOTES:

1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
2. USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT. USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					PERM PVT MK (SEE PVT MK PLANS)	⑤	PVT MK - LINE 12"	P	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		

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 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

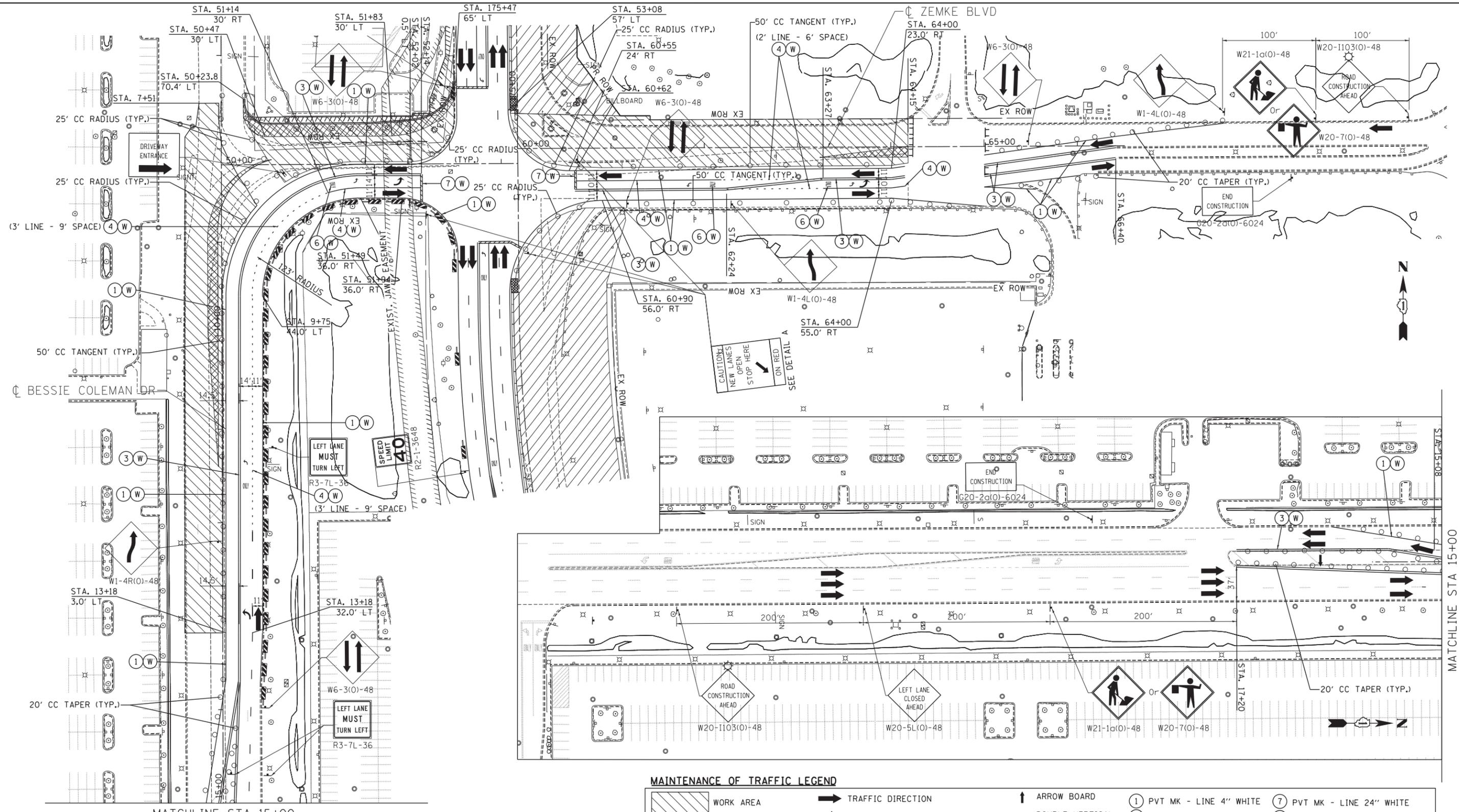
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	DATE - 10/19/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 194+00 TO STA. 208+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	106
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-25

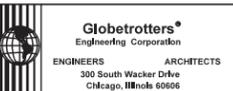


- NOTES:**
- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
 - USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT. USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER		PVT MK - DBL 4" YELLOW		TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		PVT MK - LINE 6" WHITE		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)		PERM PVT MK (SEE PVT MK PLANS)
	PVT MK - LINE 12"		PVT MK - LTRS & SYMB		PVT MK - LINE 24" WHITE		PVT MK - LINE 8" WHITE		

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

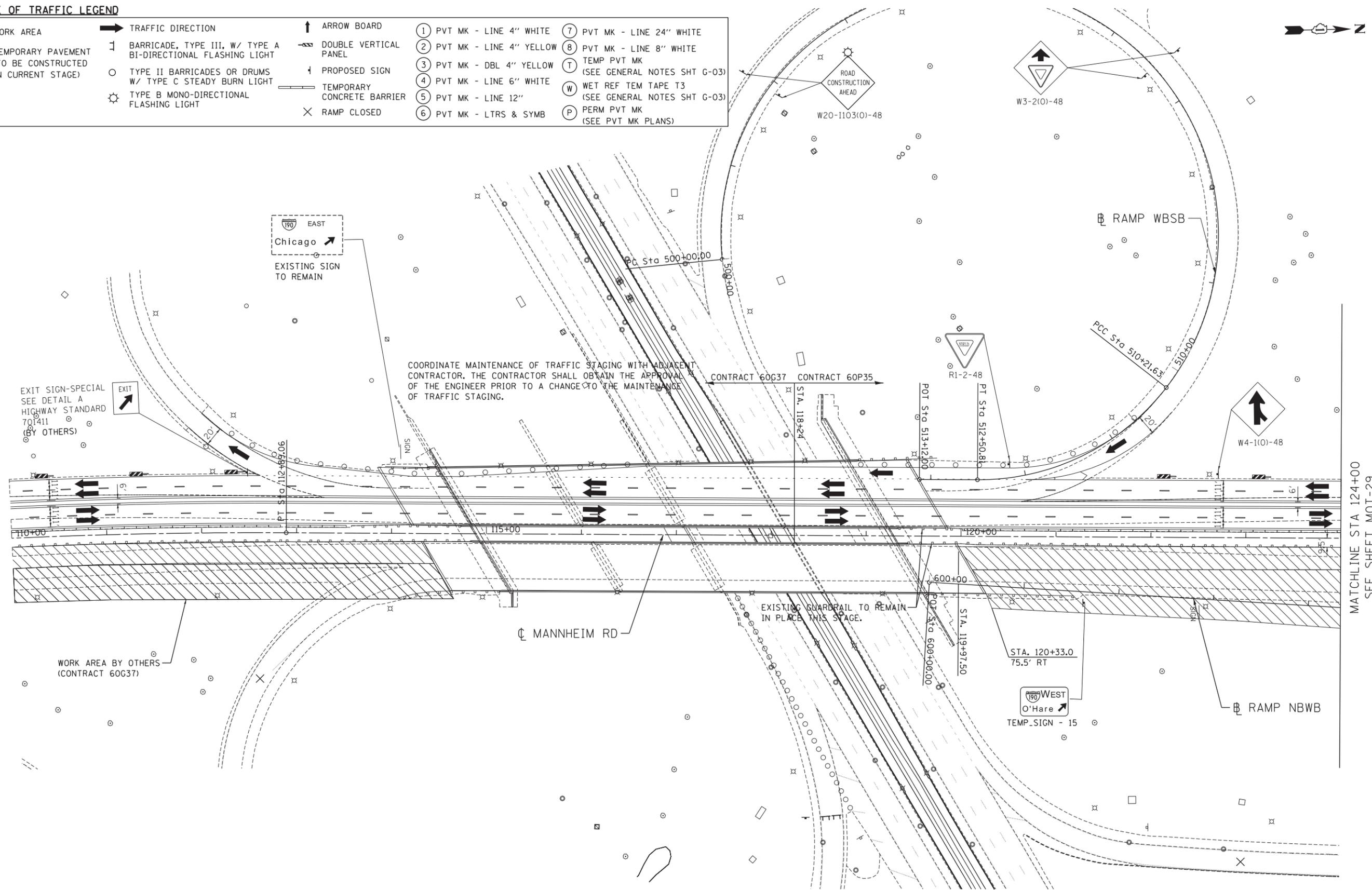
**MAINTENANCE OF TRAFFIC
STAGE 1
ZEMKE BOULEVARD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	107
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER		PVT MK - DBL 4" YELLOW		TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		RAMP CLOSED		PVT MK - LINE 6" WHITE		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
							PVT MK - LINE 12"		PERM PVT MK (SEE PVT MK PLANS)
							PVT MK - LTRS & SYMB		



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MATCHLINE STA 124+00
 SEE SHEET MOT-29

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				SCALE: 1"=50' SHEET NO. OF SHEETS STA. 110+00 TO STA. 124+00					COOK 537 CONTRACT NO. 60P35 ILLINOIS FED. AID PROJECT

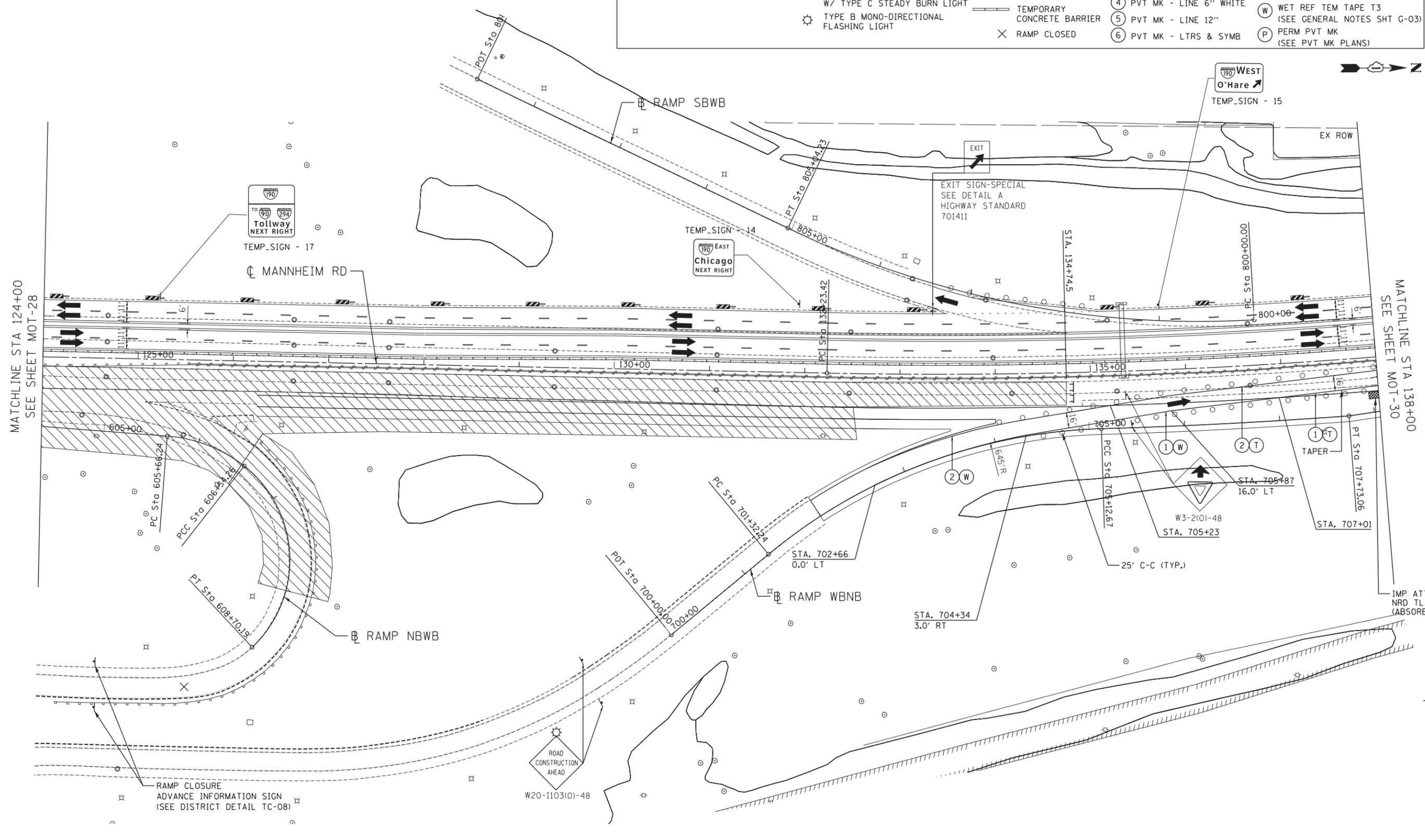
MOT-28



TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 4" WHITE		7 PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		2 PVT MK - LINE 4" YELLOW		8 PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		3 PVT MK - DBL 4" YELLOW		T TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		4 PVT MK - LINE 6" WHITE		W WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED		5 PVT MK - LINE 12"		P PERM PVT MK (SEE PVT MK PLANS)



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ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

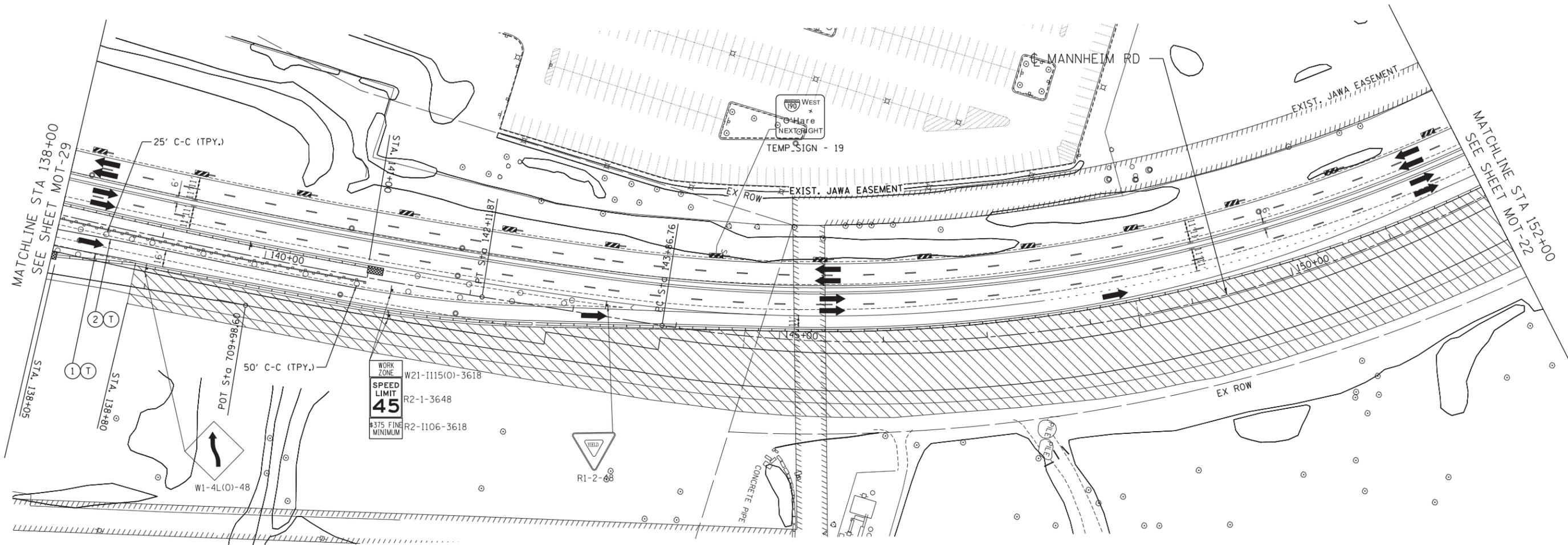
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1 - SUB-STAGE A**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 124+00 TO STA. 138+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	110
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	W	PERM PVT MK (SEE PVT MK PLANS)
						⑤	PVT MK - LINE 12"	P	
						⑥	PVT MK - LTRS & SYMB		

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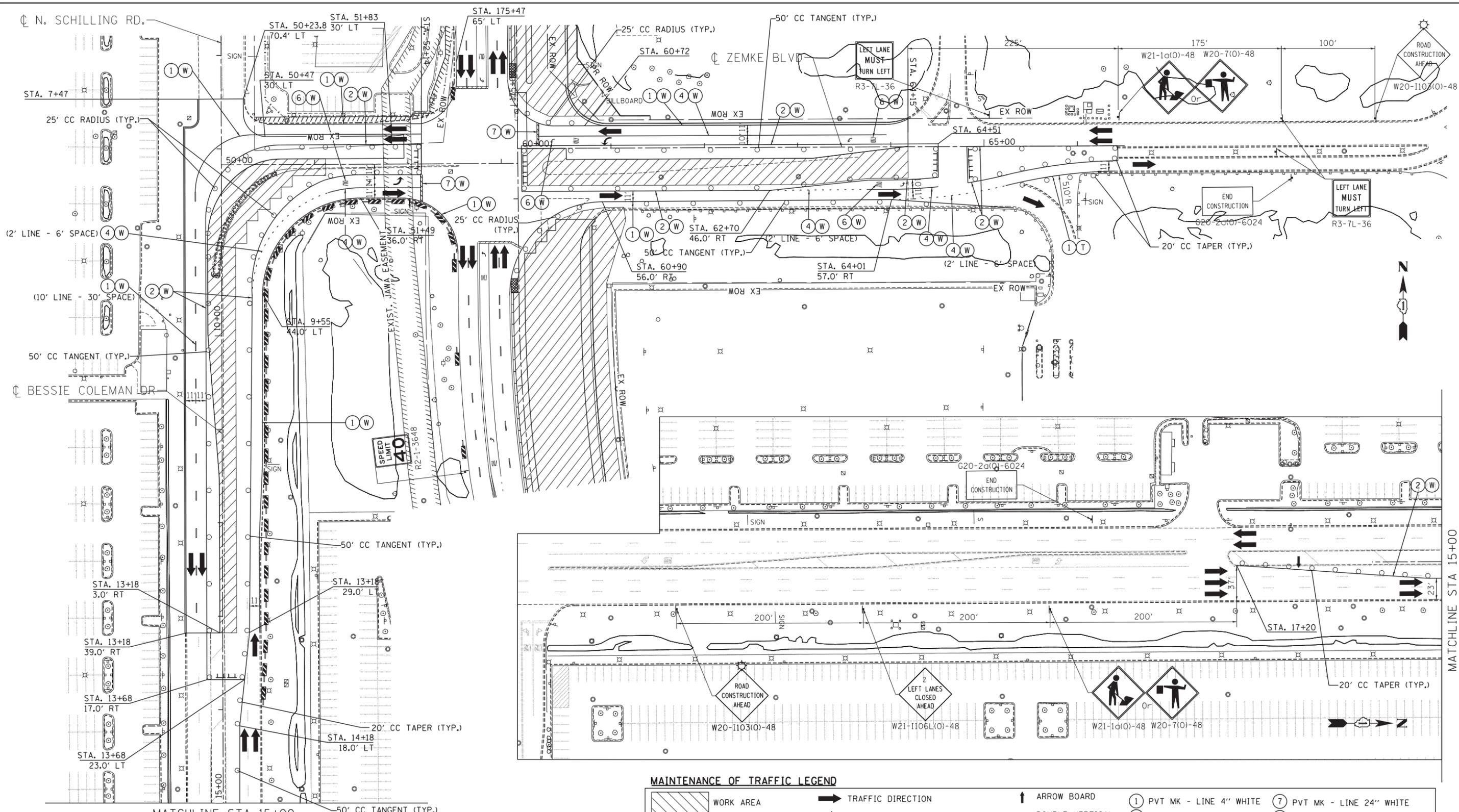
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1 - SUB-STAGE A**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 138+00 TO STA. 152+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	111
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-30



- NOTES:**
- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
 - USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT.
USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

MAINTENANCE OF TRAFFIC LEGEND

WORK AREA	TRAFFIC DIRECTION	ARROW BOARD	PVT MK - LINE 4" WHITE	PVT MK - LINE 24" WHITE
TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)	BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT	DOUBLE VERTICAL PANEL	PVT MK - LINE 4" YELLOW	PVT MK - LINE 8" WHITE
TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT	PROPOSED SIGN	TEMPORARY CONCRETE BARRIER	PVT MK - DBL 4" YELLOW	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
TYPE B MONO-DIRECTIONAL FLASHING LIGHT	RAMP CLOSED		PVT MK - LINE 6" WHITE	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
			PVT MK - LINE 12"	PERM PVT MK (SEE PVT MK PLANS)
			PVT MK - LTRS & SYMB	

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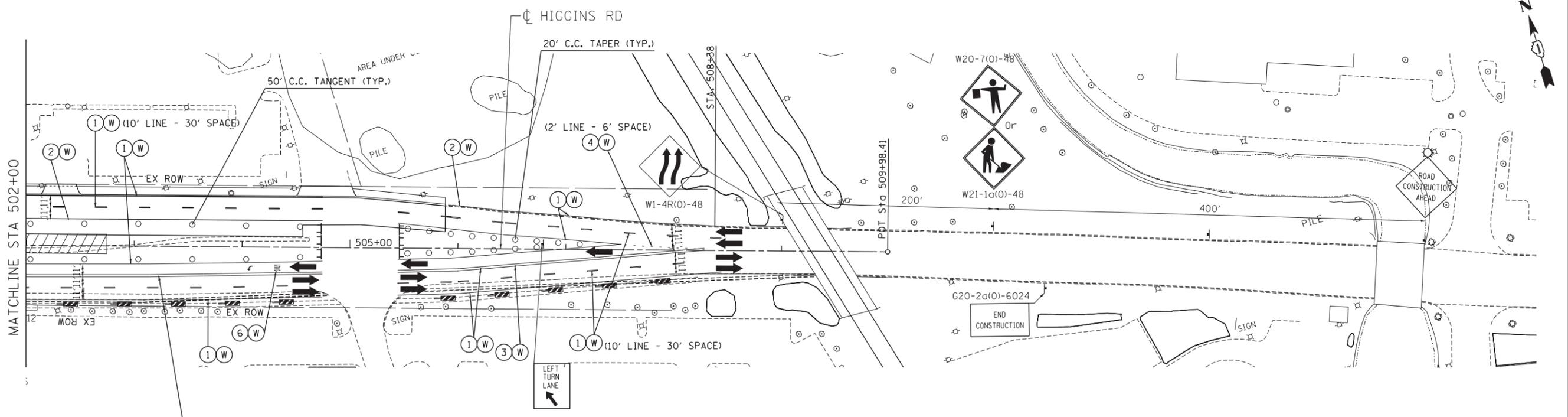
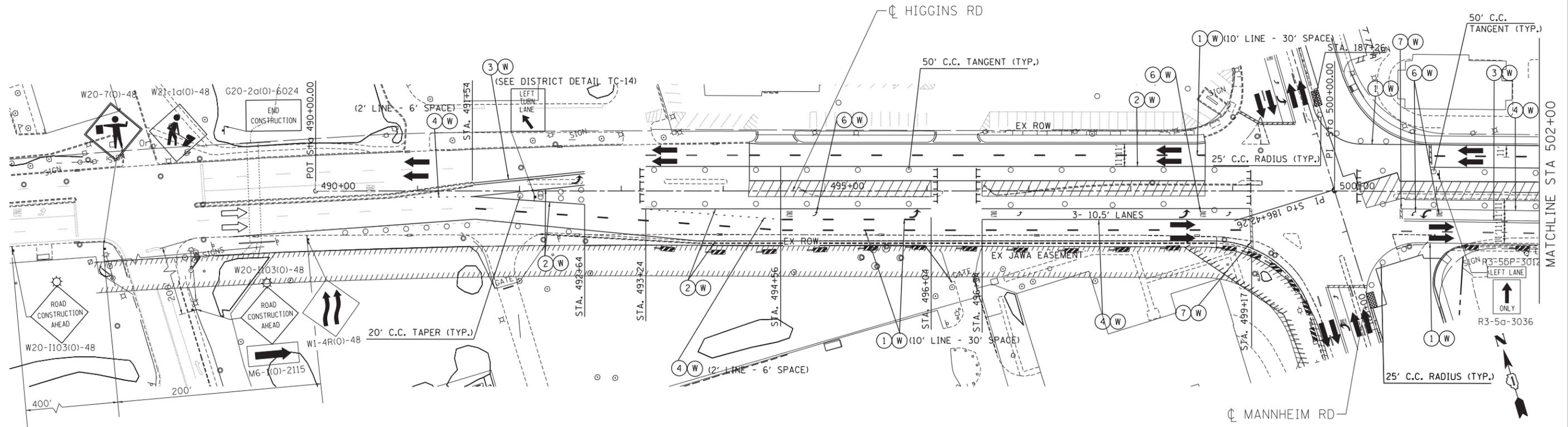


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PLOT DATE = *DATE*	CHECKED - KDA	REVISED -
	DATE - 10/19/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 1 - SUB-STAGE A ZEMKE BOULEVARD			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	112
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				



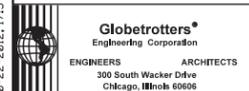
MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER		PVT MK - DBL 4" YELLOW		TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)		PVT MK - LINE 6" WHITE		PERM PVT MK (SEE PVT MK PLANS)
					PVT MK - LINE 12"		PVT MK - LTRS & SYMB		

NOTE:

- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
- USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT. USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

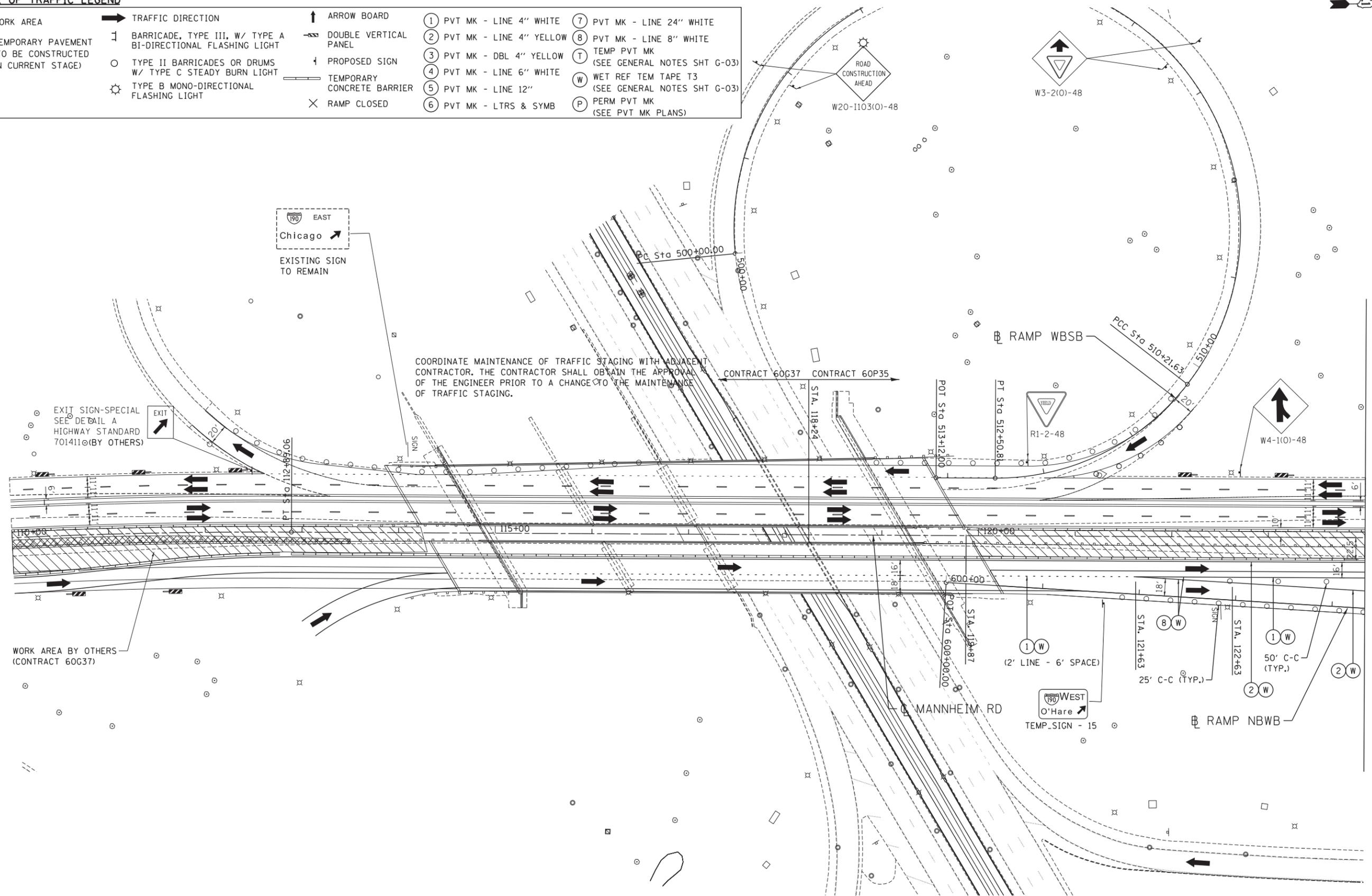
MAINTENANCE OF TRAFFIC STAGE 1 - SUB-STAGE A HIGGINS ROAD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	113
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER		PVT MK - DBL 4" YELLOW		TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)		PVT MK - LINE 6" WHITE		PERM PVT MK (SEE PVT MK PLANS)



\D:\60P35-ALIGNMENT.DGN, \D:\60P35-LAYOUT.DGN, \D:\60P35-TOPOSIB.DGN, \D:\60P35-STAGINGIB.DGN, \D:\60P35-ROW.DGN, \D:\60P35-ROAD.DGN, \D:\60P35-STAGINGI.DGN, \D:\60P35-MOT.DUIDESIGN.DGN
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MATCHLINE STA 124+00
 SEE SHEET MOT-34

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

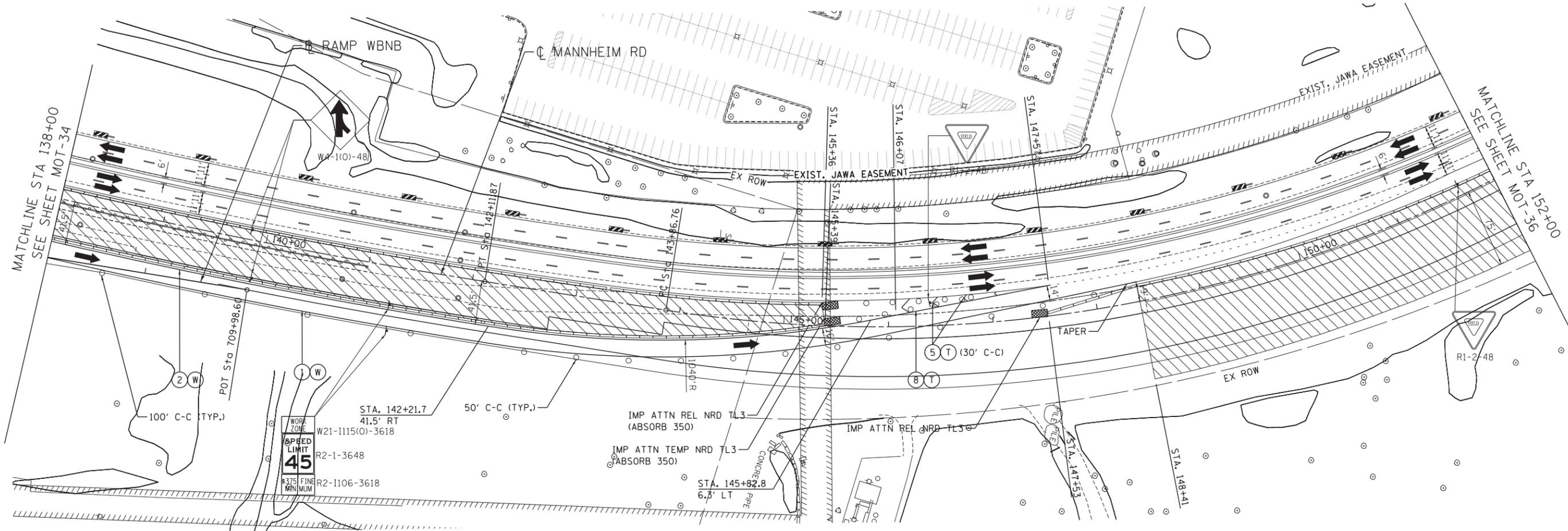
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SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 110+00 TO STA. 124+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	114
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-33



TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	W	PERM PVT MK (SEE PVT MK PLANS)
						⑤	PVT MK - LINE 12"	P	
						⑥	PVT MK - LTRS & SYMB		

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TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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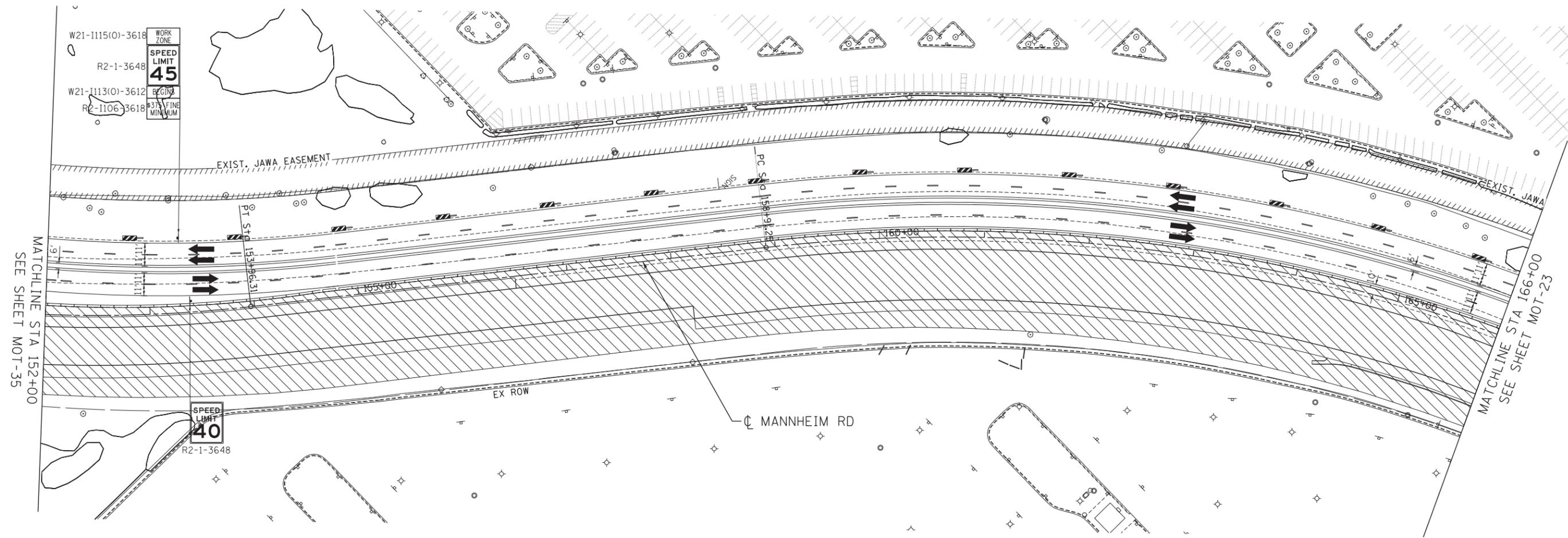
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STAGE 1 - SUB-STAGE B**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 138+00 TO STA. 152+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	116
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-35



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER	④	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED	⑤	PVT MK - LINE 12"	P	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		

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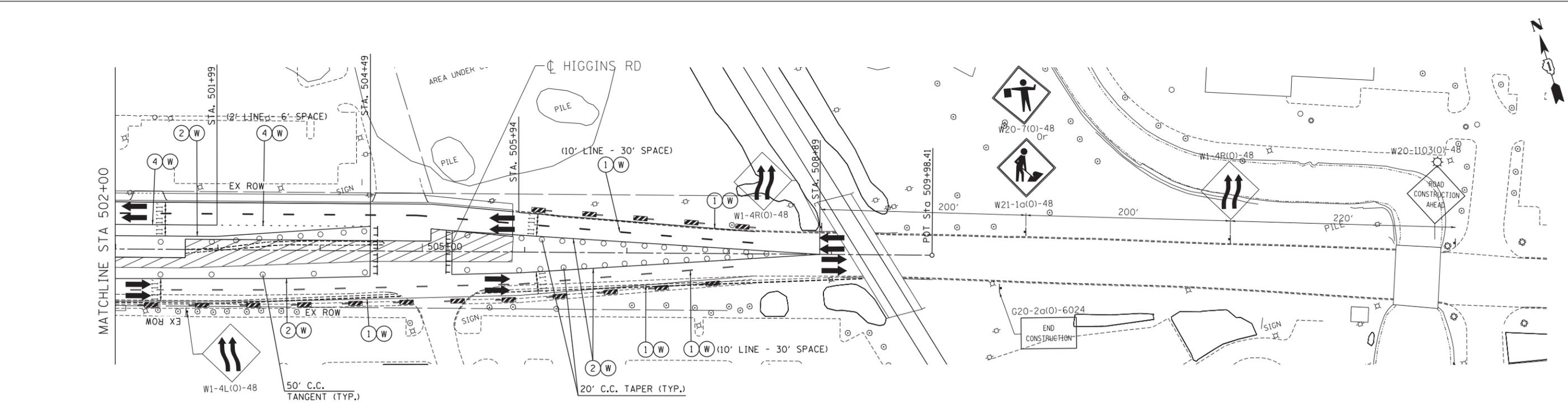
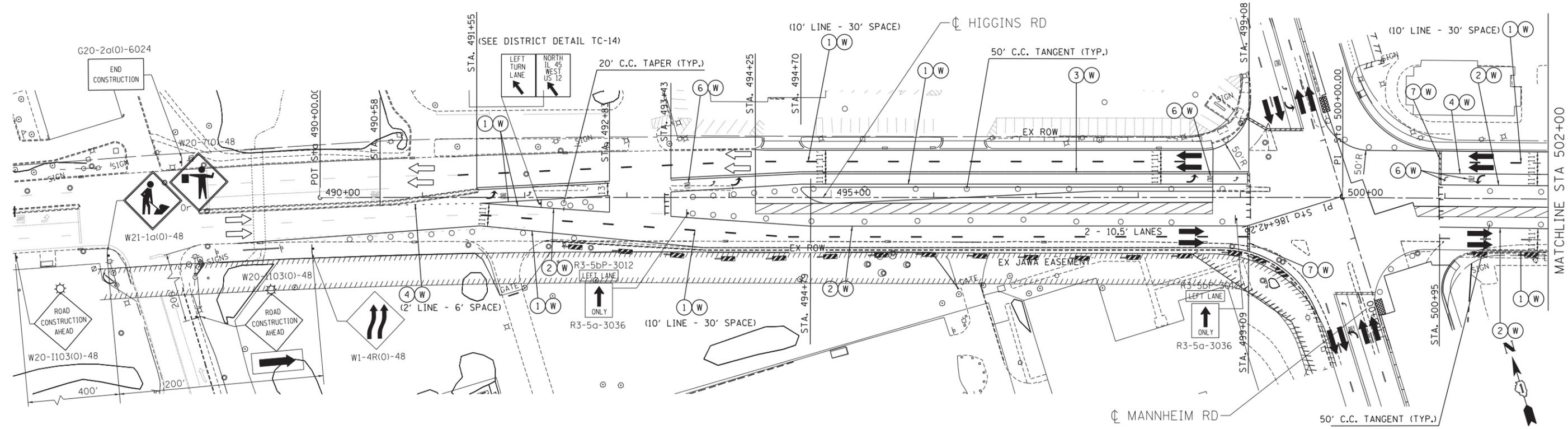
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 1 - SUB-STAGE B			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 152+00 TO STA. 166+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	117
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-36

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MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	W	PERM PVT MK (SEE PVT MK PLANS)
						⑤	PVT MK - LINE 12"		
						⑥	PVT MK - LTRS & SYMB		

NOTE:

- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
- USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT. USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.



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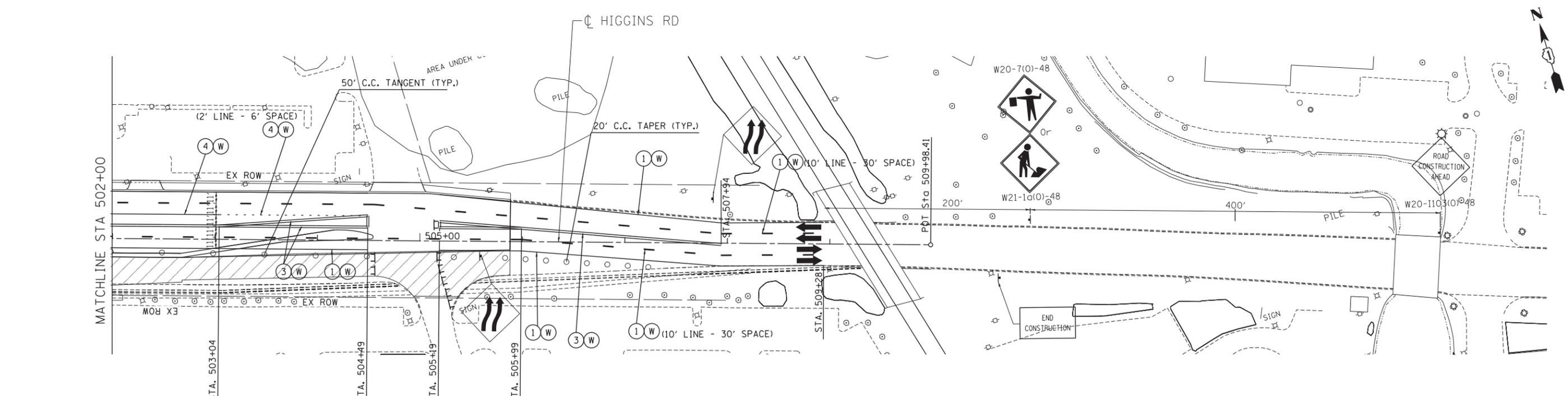
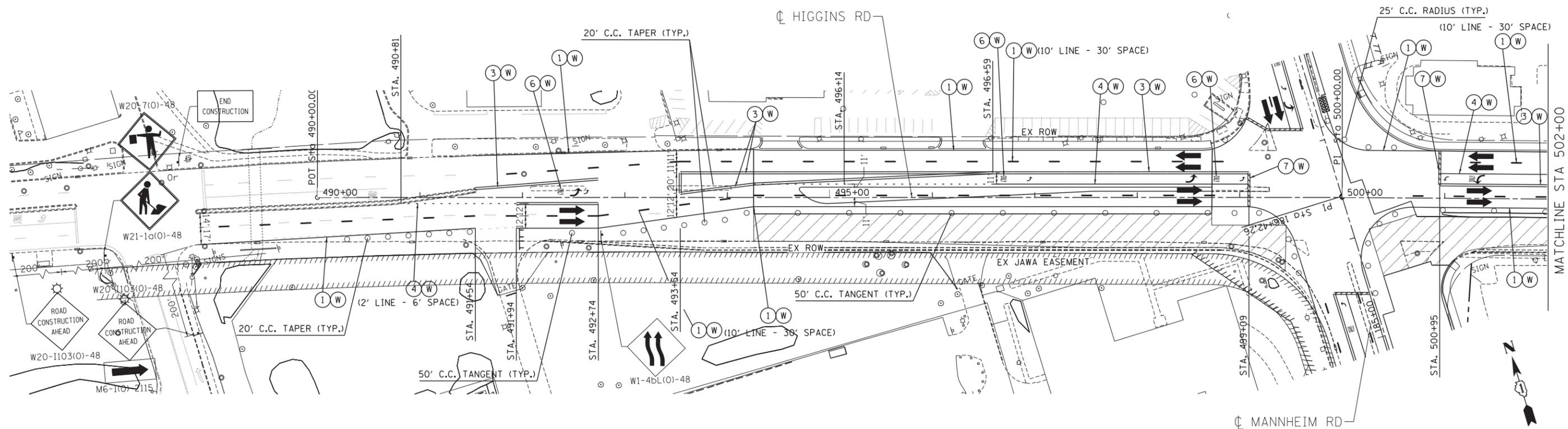
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 1 - SUB-STAGE B
HIGGINS ROAD**

SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	119
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-38



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
		○	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
		⊙	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER	④	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED	⑤	PVT MK - LINE 12"	P	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		

NOTE:

- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
- USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT. USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

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 DRAWN - JZP
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

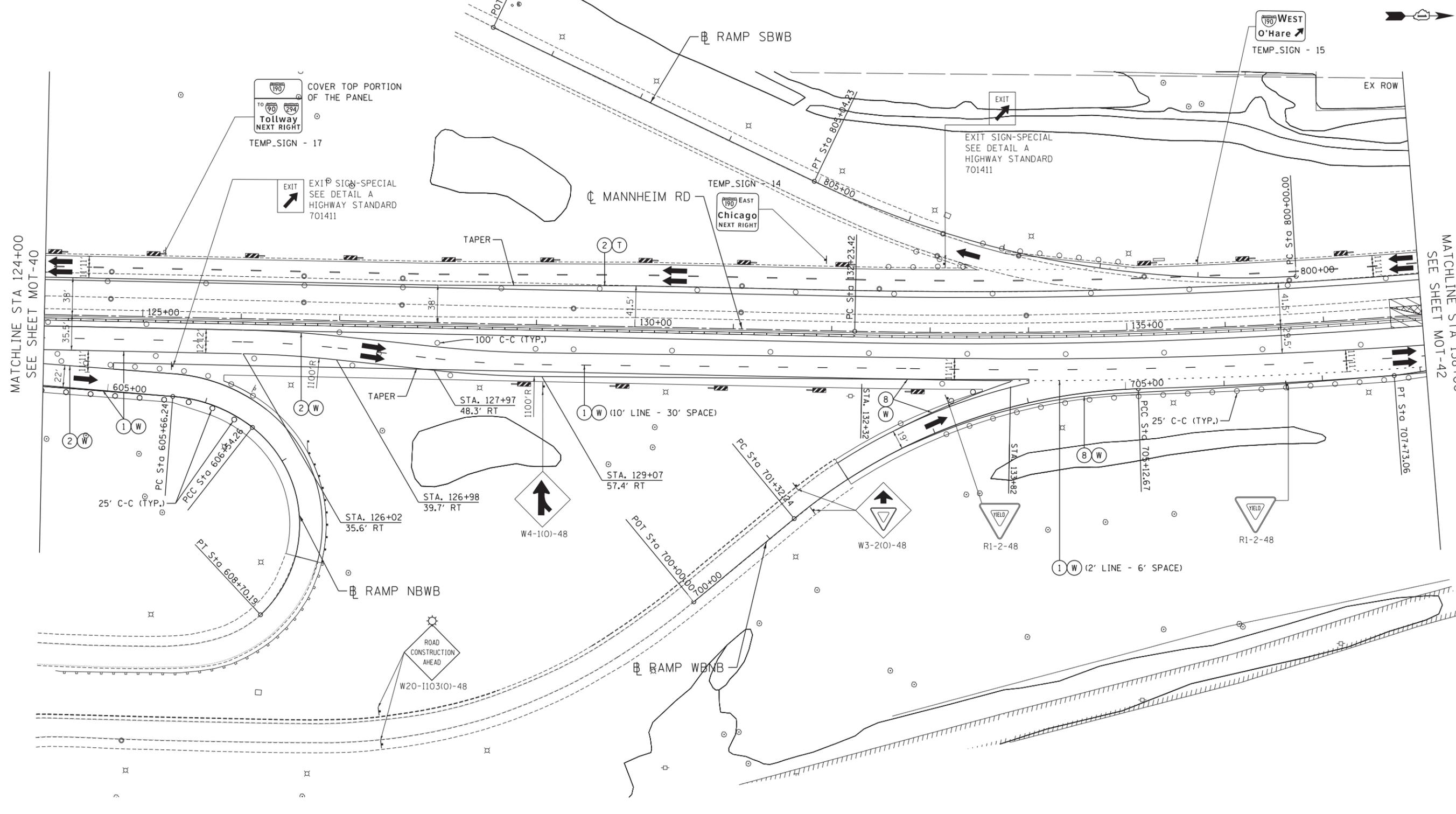
MAINTENANCE OF TRAFFIC STAGE 1 - SUB-STAGE BB HIGGINS ROAD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	120
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 4" WHITE		7 PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		2 PVT MK - LINE 4" YELLOW		8 PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		3 PVT MK - DBL 4" YELLOW		T TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		4 PVT MK - LINE 6" WHITE		W WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
			RAMP CLOSED				5 PVT MK - LINE 12"		P PERM PVT MK (SEE PVT MK PLANS)



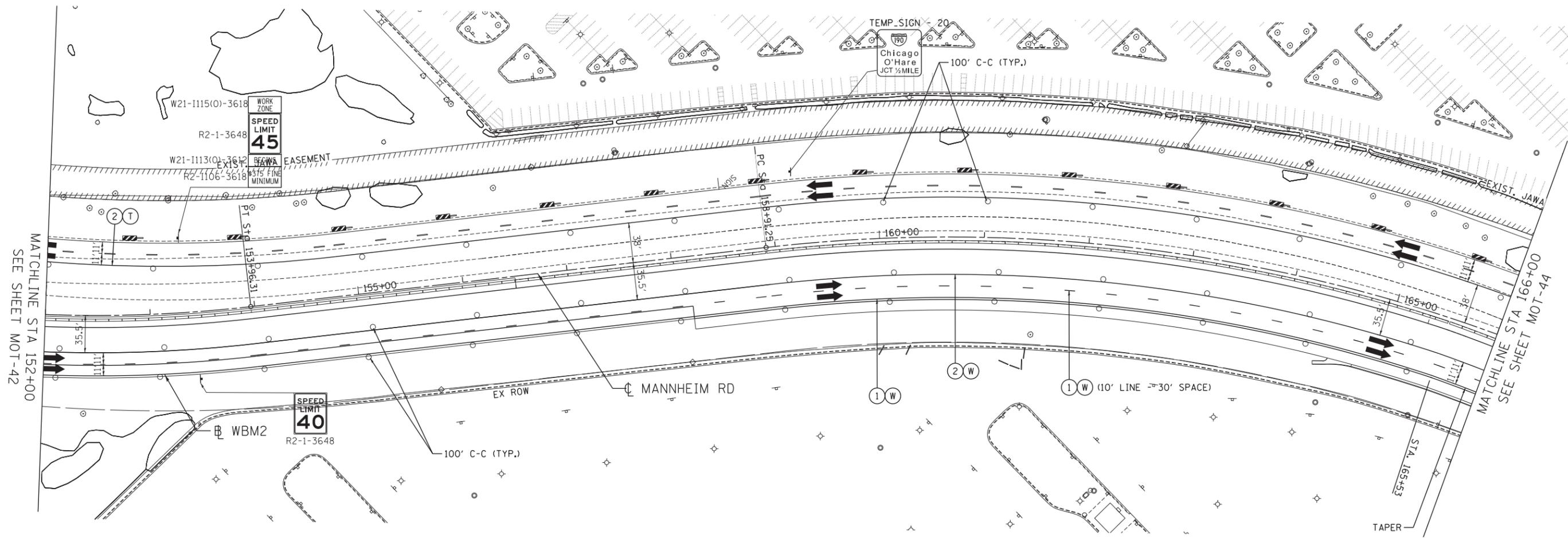
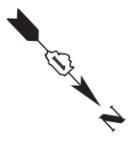
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	PLOT DATE = *DATE*	DATE - 10/19/12	REVISED -		ILLINOIS FED. AID PROJECT							



TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

MOT-41



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER		TEMP PVT MK (SEE GENERAL NOTES SHT G-03)		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED				PVT MK - DBL 4" YELLOW		PERM PVT MK (SEE PVT MK PLANS)
							PVT MK - LINE 6" WHITE		
							PVT MK - LINE 12"		
							PVT MK - LTRS & SYMB		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 - SUB-STAGE C

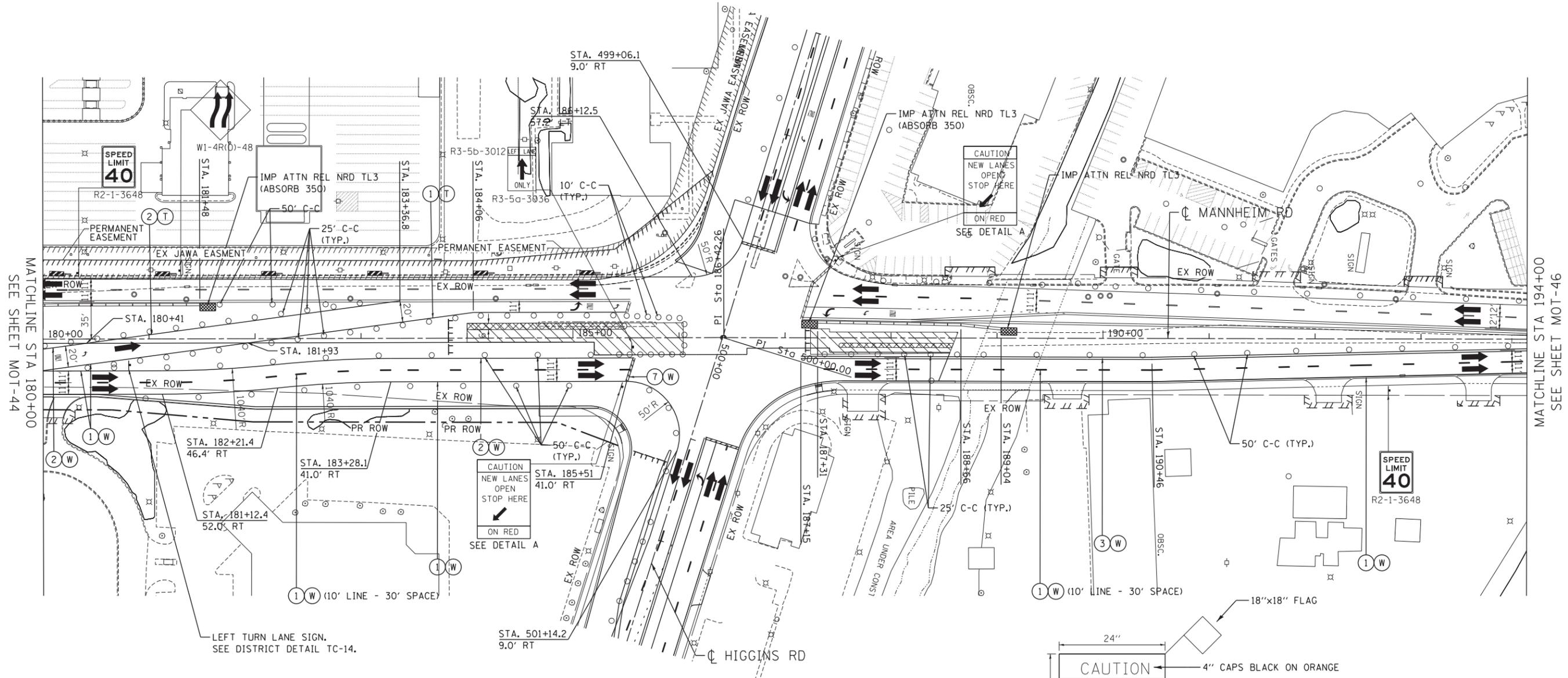
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	124
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

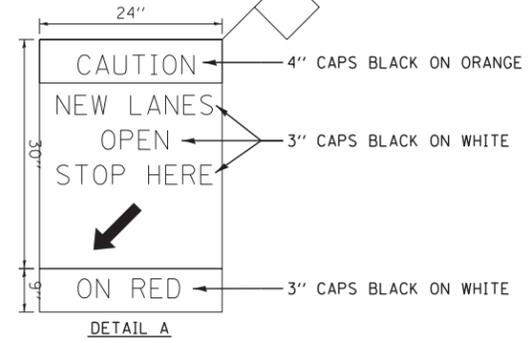
MOT-43

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	⑨	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	⑩	PERM PVT MK (SEE PVT MK PLANS)
					PERM PVT MK (SEE PVT MK PLANS)	⑤	PVT MK - LINE 12"		
					PERM PVT MK (SEE PVT MK PLANS)	⑥	PVT MK - LTRS & SYMB		



NOTE:
 1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.



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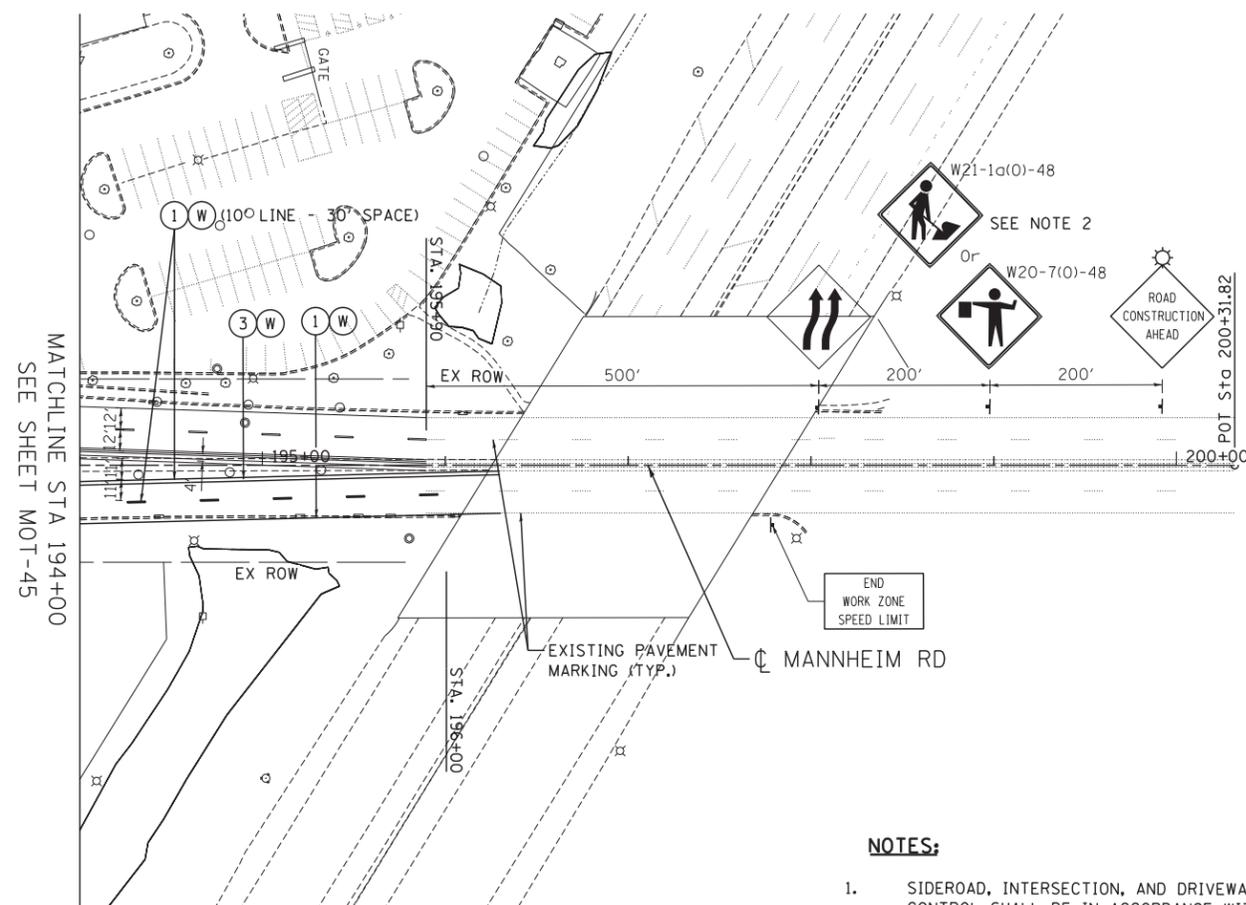
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STAGE 1 - SUB-STAGE C**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 180+00 TO STA. 194+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	126
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-45



NOTES:

1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
2. USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT.
USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	Ⓡ	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	Ⓢ	PERM PVT MK (SEE PVT MK PLANS)
					PERM PVT MK (SEE PVT MK PLANS)	⑤	PVT MK - LINE 12"		
						⑥	PVT MK - LTRS & SYMB		

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TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 1 - SUB-STAGE C

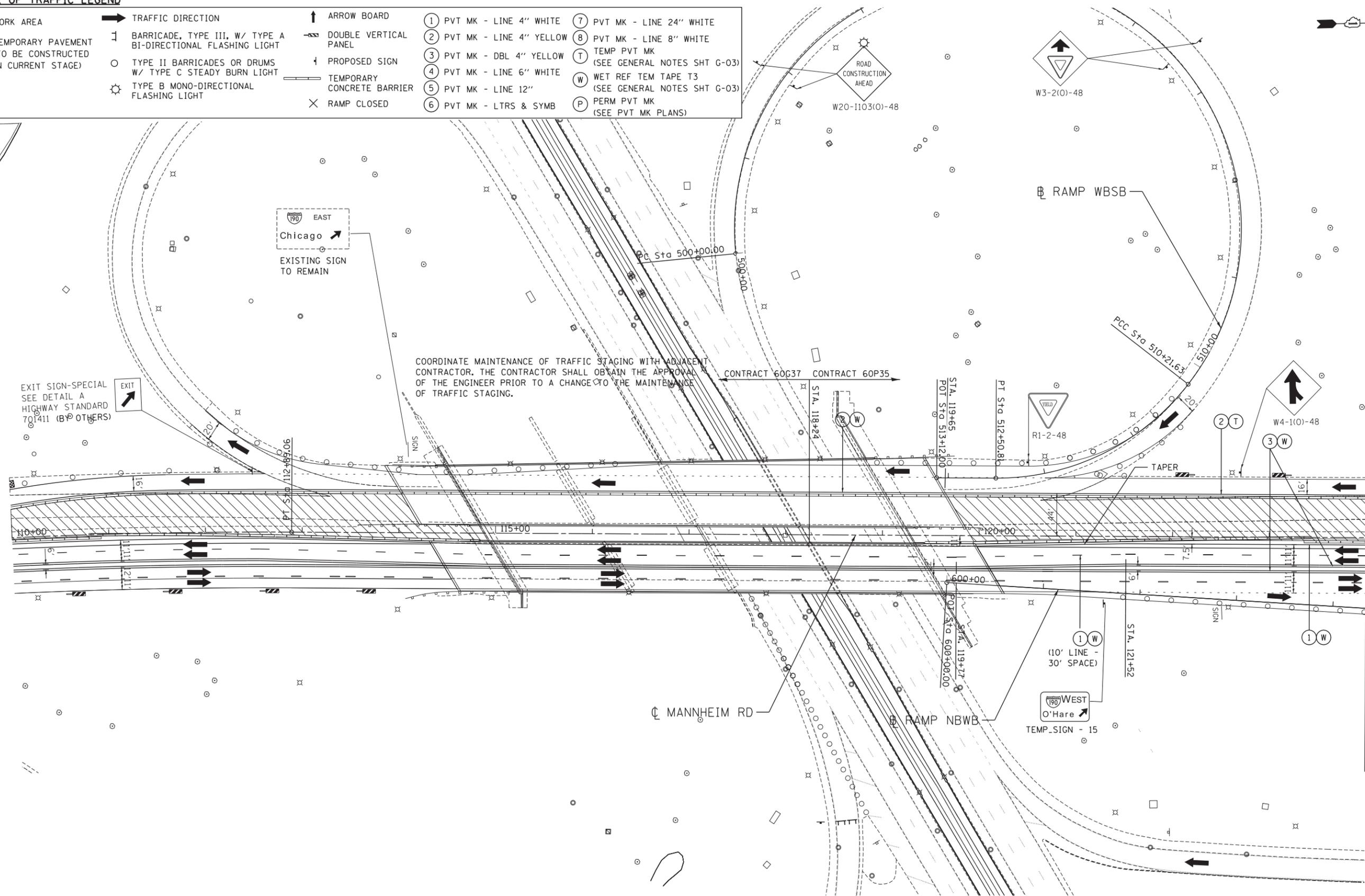
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	127
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-46

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	W	PERM PVT MK (SEE PVT MK PLANS)
						⑤	PVT MK - LINE 12"	P	



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TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

USER NAME = #USER*
 DESIGNED - BRH
 DRAWN - JZP
 CHECKED - KDA
 DATE - 10/19/12
 PLOT SCALE = #SCALE*
 PLOT DATE = #DATE*

REVISED -
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 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 110+00 TO STA. 124+00

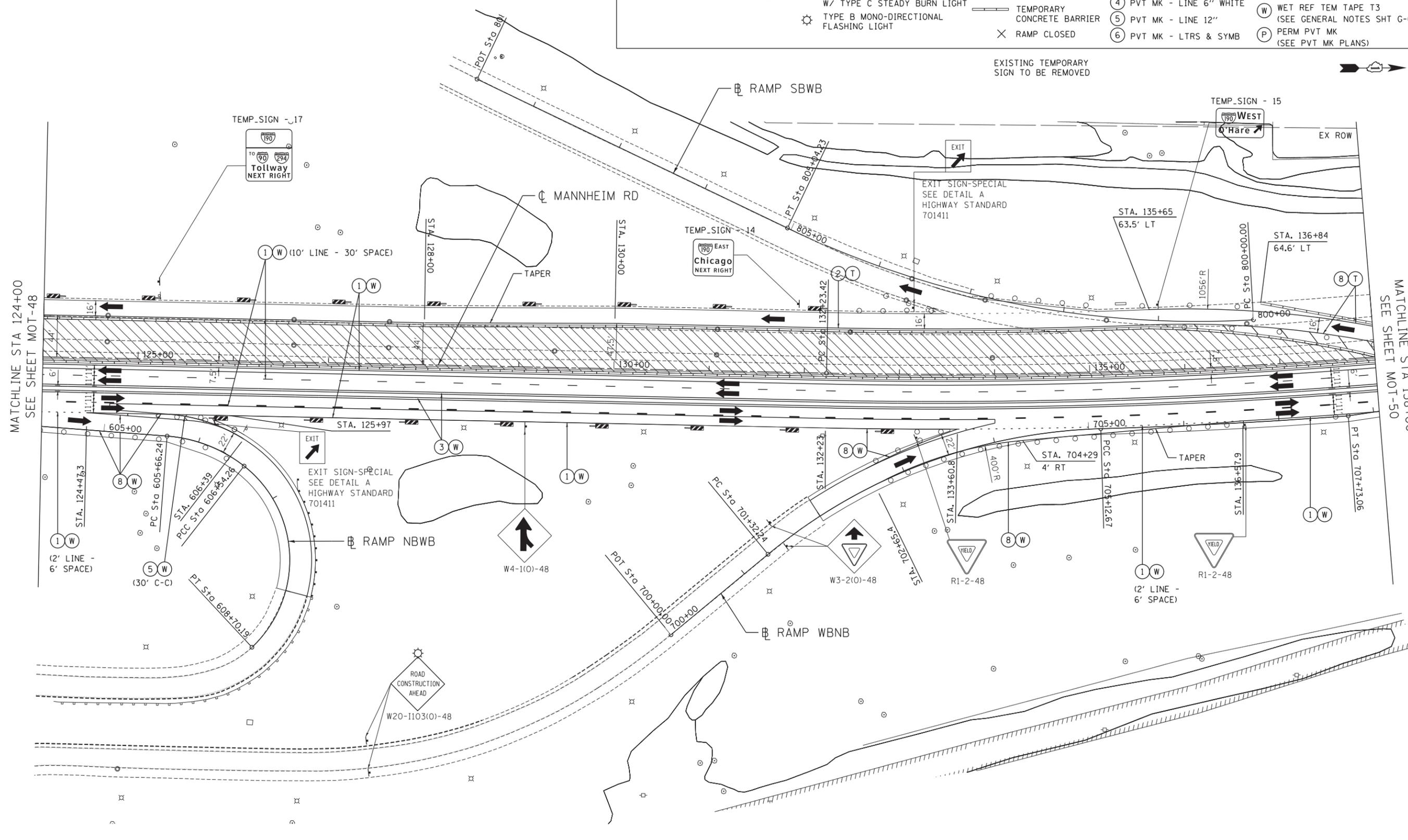
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	129
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA 124+00
 SEE SHEET MOT-49

MOT-48

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 4" WHITE		7 PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		2 PVT MK - LINE 4" YELLOW		8 PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		3 PVT MK - DBL 4" YELLOW		T TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		4 PVT MK - LINE 6" WHITE		W WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED		5 PVT MK - LINE 12"		P PERM PVT MK (SEE PVT MK PLANS)



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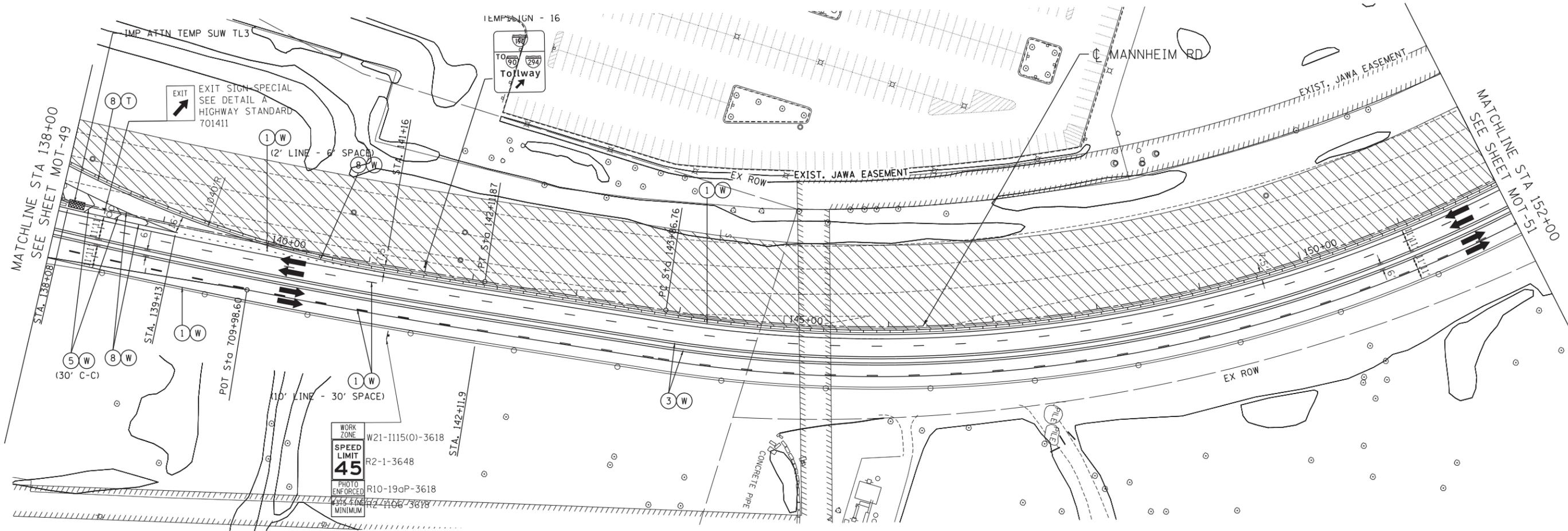
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 124+00 TO STA. 138+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	130
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-49



WORK ZONE	W21-1115(O)-3618
SPEED LIMIT	R2-1-3648
PHOTO ENFORCED	R10-19aP-3618
MINIMUM	R2-1106-3618

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER		PVT MK - DBL 4" YELLOW		TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)		PVT MK - LINE 6" WHITE		PERM PVT MK (SEE PVT MK PLANS)
					PVT MK - LINE 12"		PVT MK - LTRS & SYMB		

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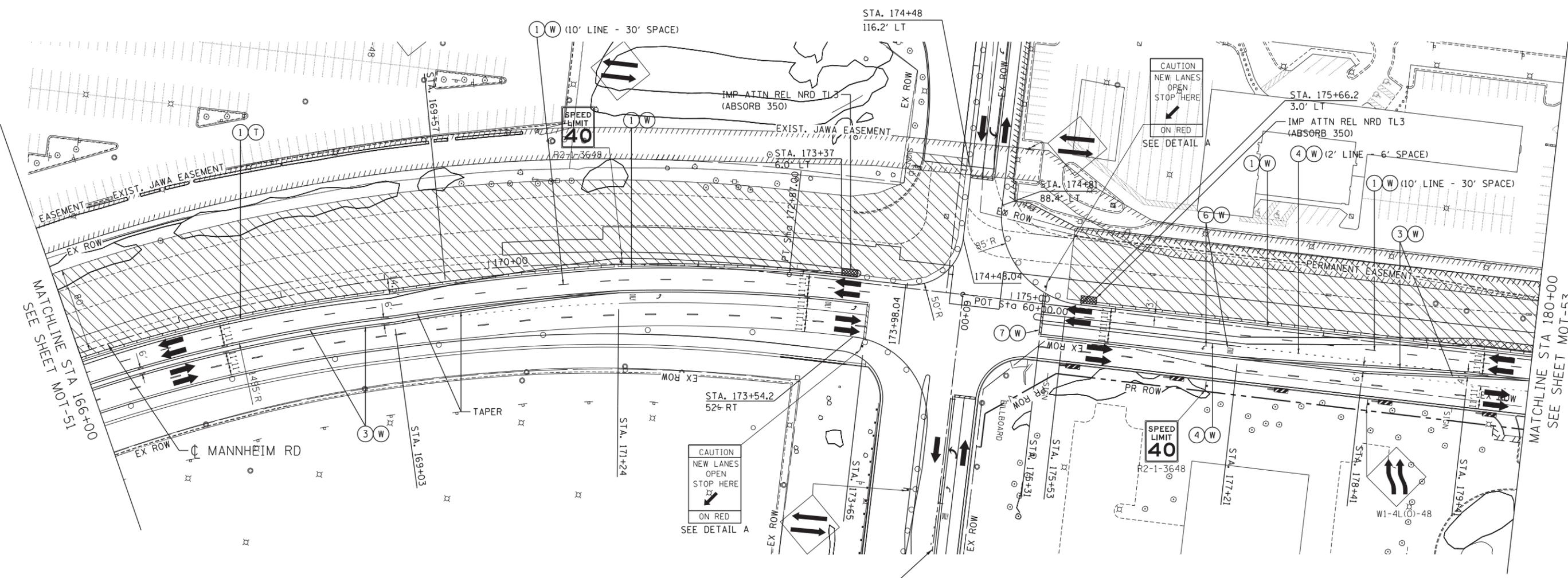
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2				
SCALE: 1"=50'	SHEET NO.	OF	SHEETS	STA. 138+00 TO STA. 152+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	131
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

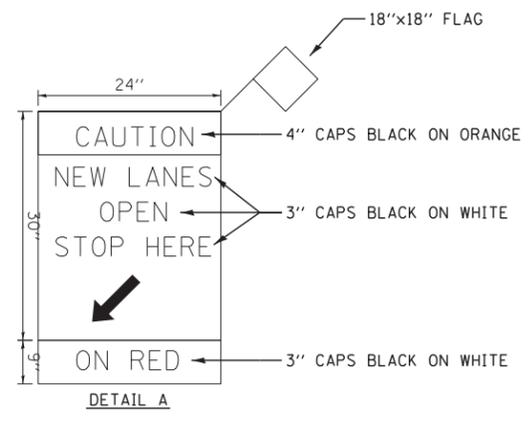
MOT-50



NOTE:
 1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.

MAINTENANCE OF TRAFFIC LEGEND

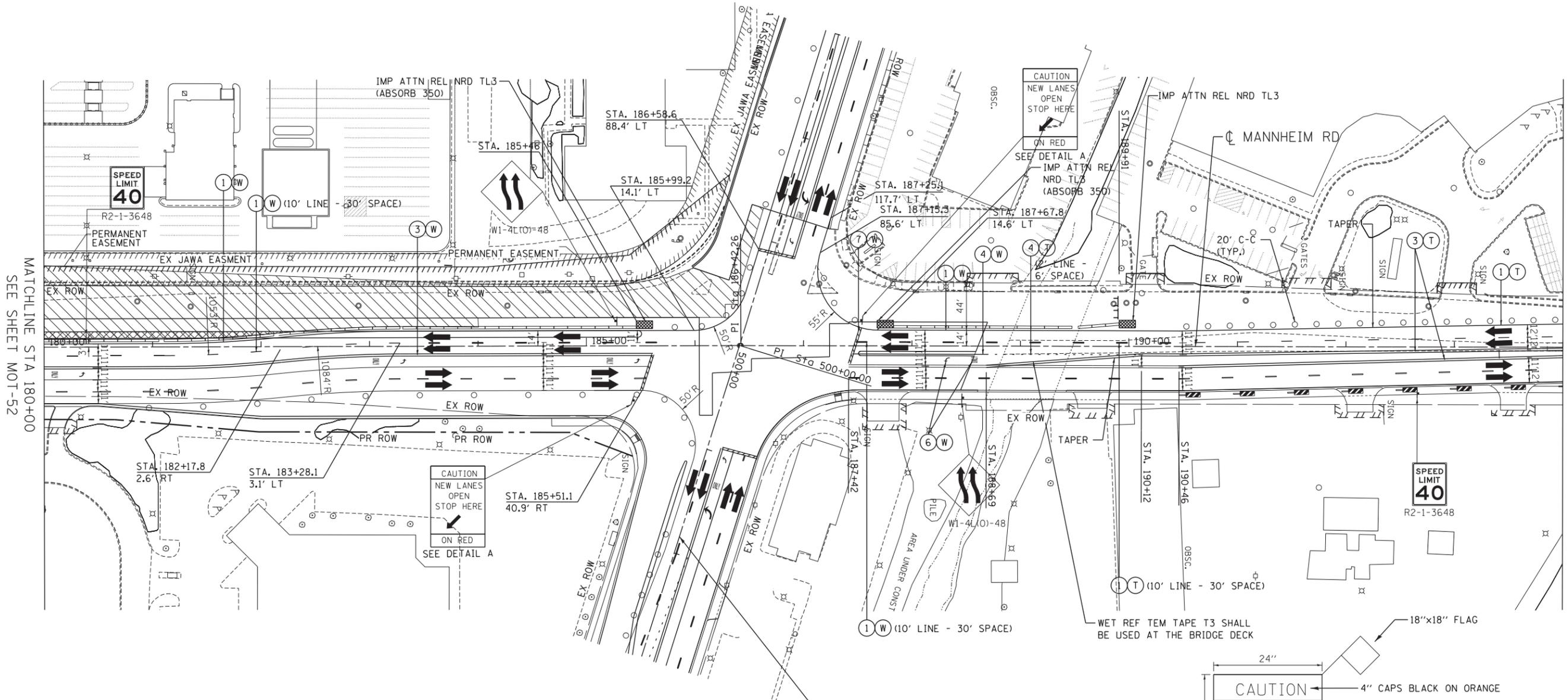
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	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					PERM PVT MK (SEE PVT MK PLANS)	⑤	PVT MK - LINE 12"	P	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		



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MAINTENANCE OF TRAFFIC LEGEND

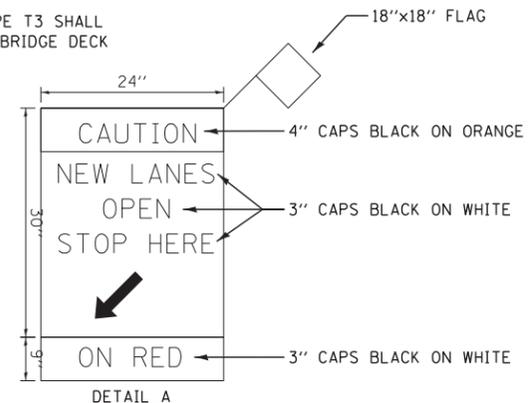
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	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
		○	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN	③	PVT MK - DBL 4" YELLOW	Ⓣ	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
		⊙	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER	④	PVT MK - LINE 6" WHITE	Ⓜ	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED	⑤	PVT MK - LINE 12"	Ⓟ	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		



MATCHLINE STA 180+00
SEE SHEET MOT-52

MATCHLINE STA 194+00
SEE SHEET MOT-54

NOTE:
1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.



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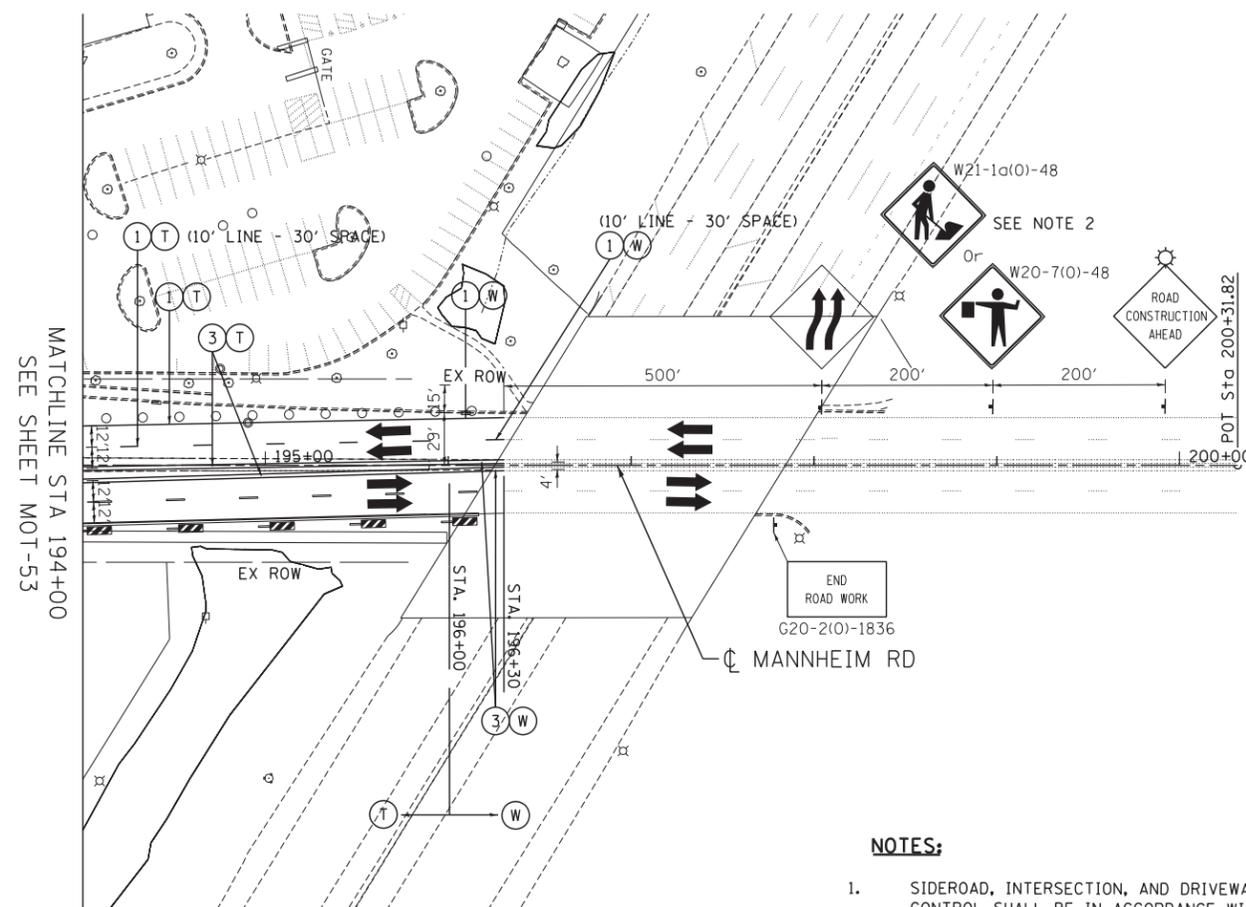
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 180+00 TO STA. 194+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	134
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-53



NOTES:

1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
2. USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT.
USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		TYPE B MONO-DIRECTIONAL FLASHING LIGHT		PROPOSED SIGN	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		TEMPORARY CONCRETE BARRIER	④	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
	PERM PVT MK (SEE PVT MK PLANS)		RAMP CLOSED		PROPOSED SIGN	⑤	PVT MK - LINE 12"	P	PERM PVT MK (SEE PVT MK PLANS)
	PVT MK - LINE 24" WHITE					⑥	PVT MK - LTRS & SYMB		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

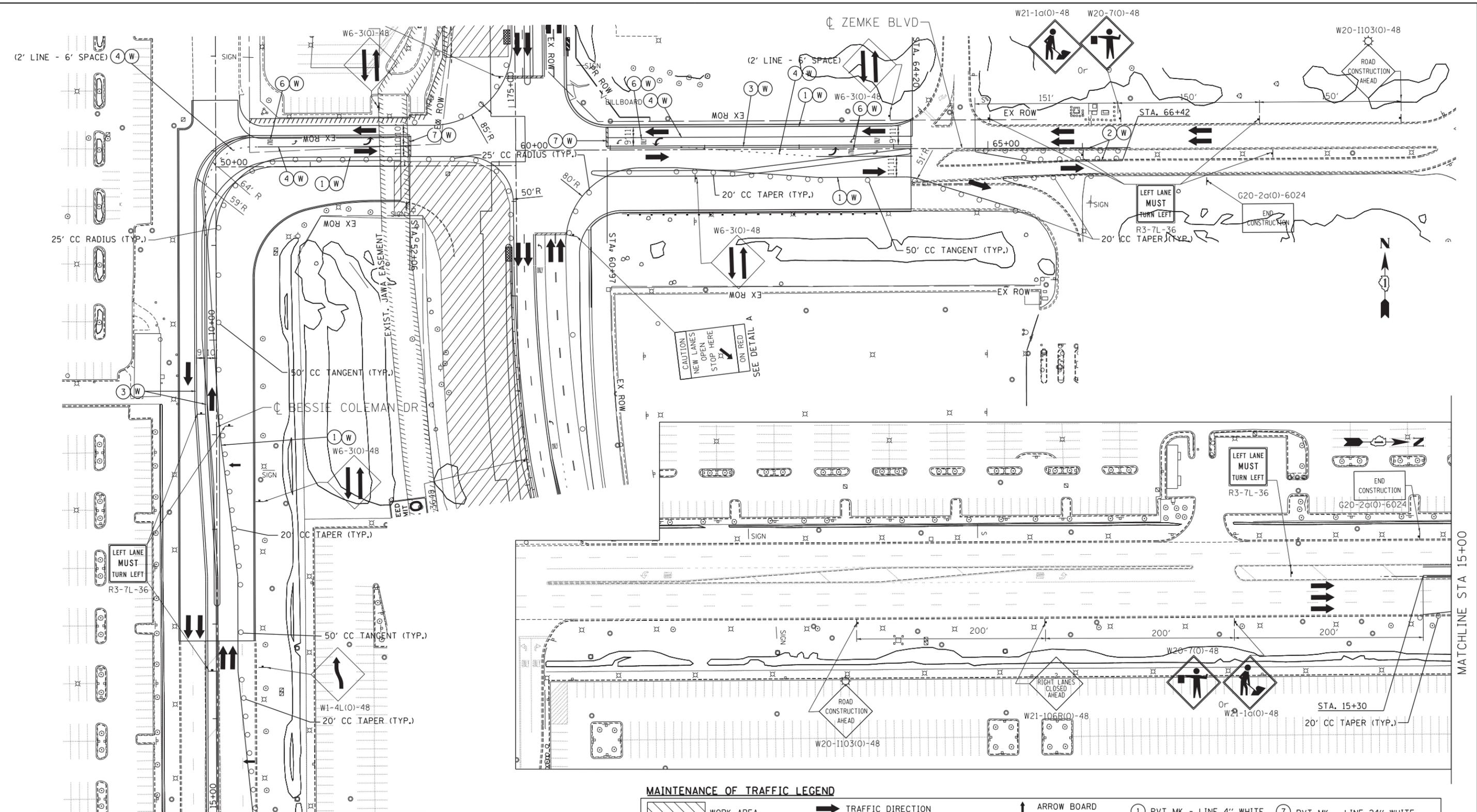
MAINTENANCE OF TRAFFIC STAGE 2			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 194+00 TO STA. 208+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	135
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				



TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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NOTE:

- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
- USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT. USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

MAINTENANCE OF TRAFFIC LEGEND			
	WORK AREA		TRAFFIC DIRECTION
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		ARROW BOARD
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL
			PROPOSED SIGN
			TEMPORARY CONCRETE BARRIER
			RAMP CLOSED
	① PVT MK - LINE 4" WHITE		⑦ PVT MK - LINE 24" WHITE
	② PVT MK - LINE 4" YELLOW		⑧ PVT MK - LINE 8" WHITE
	③ PVT MK - DBL 4" YELLOW		T TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	④ PVT MK - LINE 6" WHITE		W REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
	⑤ PVT MK - LINE 12"		P PERM PVT MK (SEE PVT MK PLANS)
	⑥ PVT MK - LTRS & SYMB		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2
ZEMKE BOULEVARD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	136
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

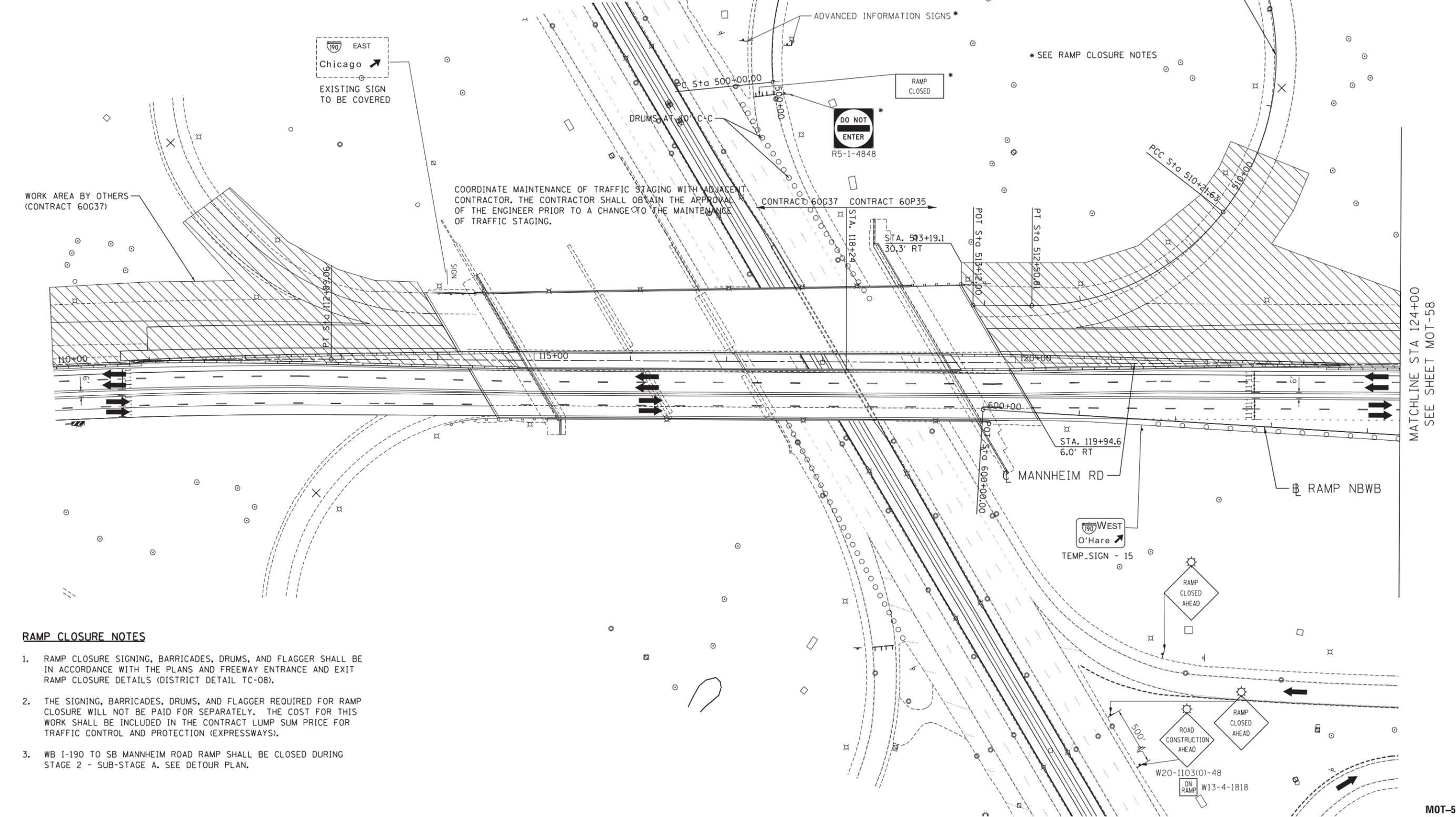
MOT-55

Globetrotters®
 Engineering Corporation
 ENGINEERS ARCHITECTS
 300 South Wacker Drive
 Chicago, IL 60606

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DRAWN - JZP	REVISIED -	
PLOT SCALE = *SCALE*	CHECKED - KDA	REVISED -
PLOT DATE = *DATE*	DATE - 10/19/12	REVISED -

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 4" WHITE		7 PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		2 PVT MK - LINE 4" YELLOW		8 PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		3 PVT MK - DBL 4" YELLOW		T TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		4 PVT MK - LINE 6" WHITE		W WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED		5 PVT MK - LINE 12"		P PERM PVT MK (SEE PVT MK PLANS)
							6 PVT MK - LTRS & SYMB		



RAMP CLOSURE NOTES

- RAMP CLOSURE SIGNING, BARRICADES, DRUMS, AND FLAGGER SHALL BE IN ACCORDANCE WITH THE PLANS AND FREEWAY ENTRANCE AND EXIT RAMP CLOSURE DETAILS (DISTRICT DETAIL TC-08).
- THE SIGNING, BARRICADES, DRUMS, AND FLAGGER REQUIRED FOR RAMP CLOSURE WILL NOT BE PAID FOR SEPARATELY. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- WB I-190 TO SB MANNHEIM ROAD RAMP SHALL BE CLOSED DURING STAGE 2 - SUB-STAGE A. SEE DETOUR PLAN.

MATCHLINE STA 124+00
SEE SHEET MOT-58

MOT-57

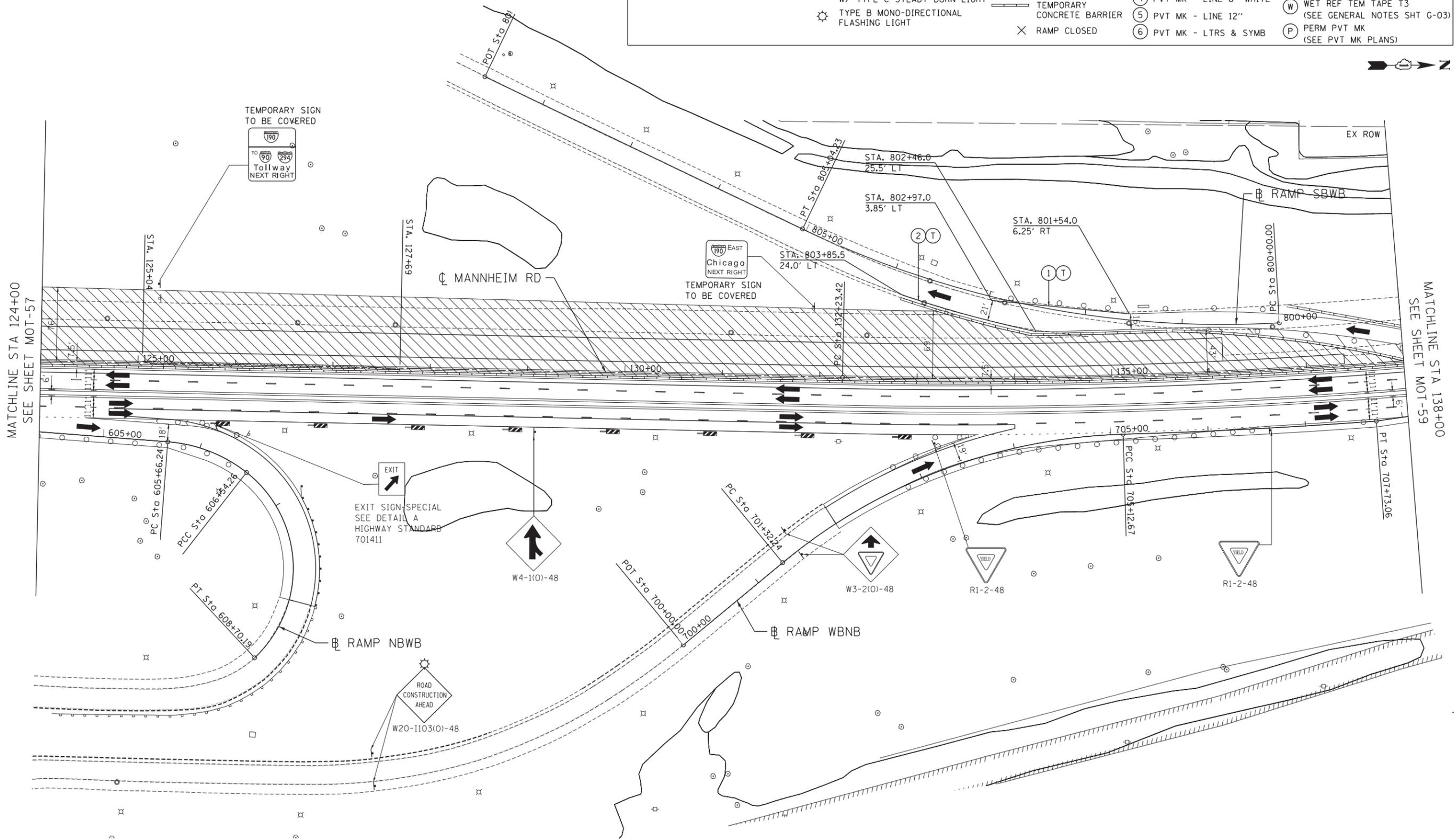
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	PLOT SCALE = #SCALE#	DRAWN - JZP	REVISED -		SCALE: 1"=50'	SHEET NO.	OF	SHEETS	STA. 110+00	TO STA. 124+00	COOK	537	138
	PLOT DATE = #DATE#	CHECKED - KDA	REVISED -								CONTRACT NO. 60P35		
		DATE - 10/19/12	REVISED -								ILLINOIS FED. AID PROJECT		



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 4" WHITE		7 PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		2 PVT MK - LINE 4" YELLOW		8 PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		3 PVT MK - DBL 4" YELLOW		T TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		4 PVT MK - LINE 6" WHITE		W WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED		5 PVT MK - LINE 12"		P PERM PVT MK (SEE PVT MK PLANS)



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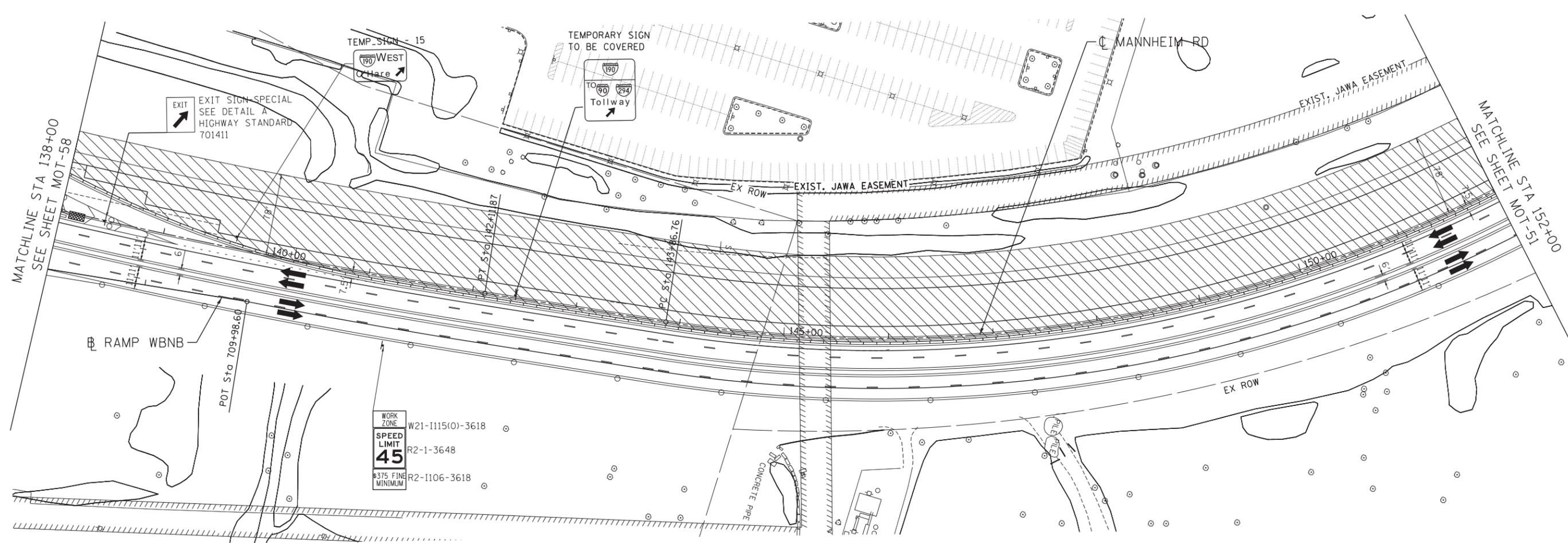
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2 - SUB-STAGE A**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 124+00 TO STA. 138+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	139
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-58



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	W	PERM PVT MK (SEE PVT MK PLANS)
					P	⑤	PVT MK - LINE 12"		
						⑥	PVT MK - LTRS & SYMB		

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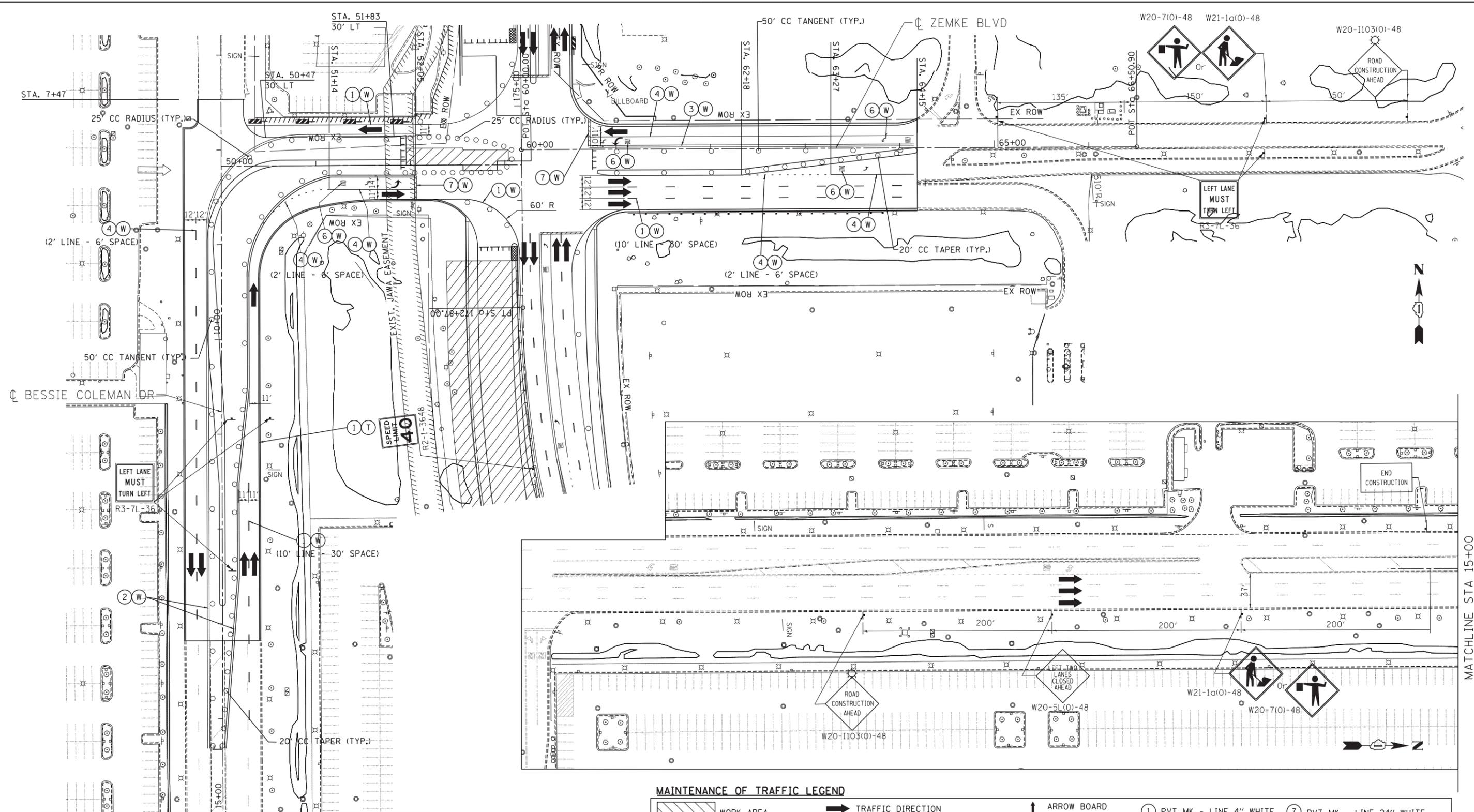
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2 - SUB-STAGE A**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 138+00 TO STA. 152+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	140
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-59



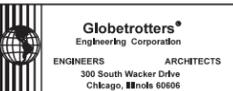
NOTES:

- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
- USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT.
USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

MAINTENANCE OF TRAFFIC LEGEND

WORK AREA	TRAFFIC DIRECTION	ARROW BOARD	PVT MK - LINE 4" WHITE	PVT MK - LINE 24" WHITE
TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)	BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT	DOUBLE VERTICAL PANEL	PVT MK - LINE 4" YELLOW	PVT MK - LINE 8" WHITE
TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT	PROPOSED SIGN	TEMPORARY CONCRETE BARRIER	PVT MK - DBL 4" YELLOW	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
TYPE B MONO-DIRECTIONAL FLASHING LIGHT	RAMP CLOSED		PVT MK - LINE 6" WHITE	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
			PVT MK - LINE 12"	PERM PVT MK (SEE PVT MK PLANS)
			PVT MK - LTRS & SYMB	

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	DATE - 10/19/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2 - SUB-STAGE A
ZEMKE BOULEVARD**

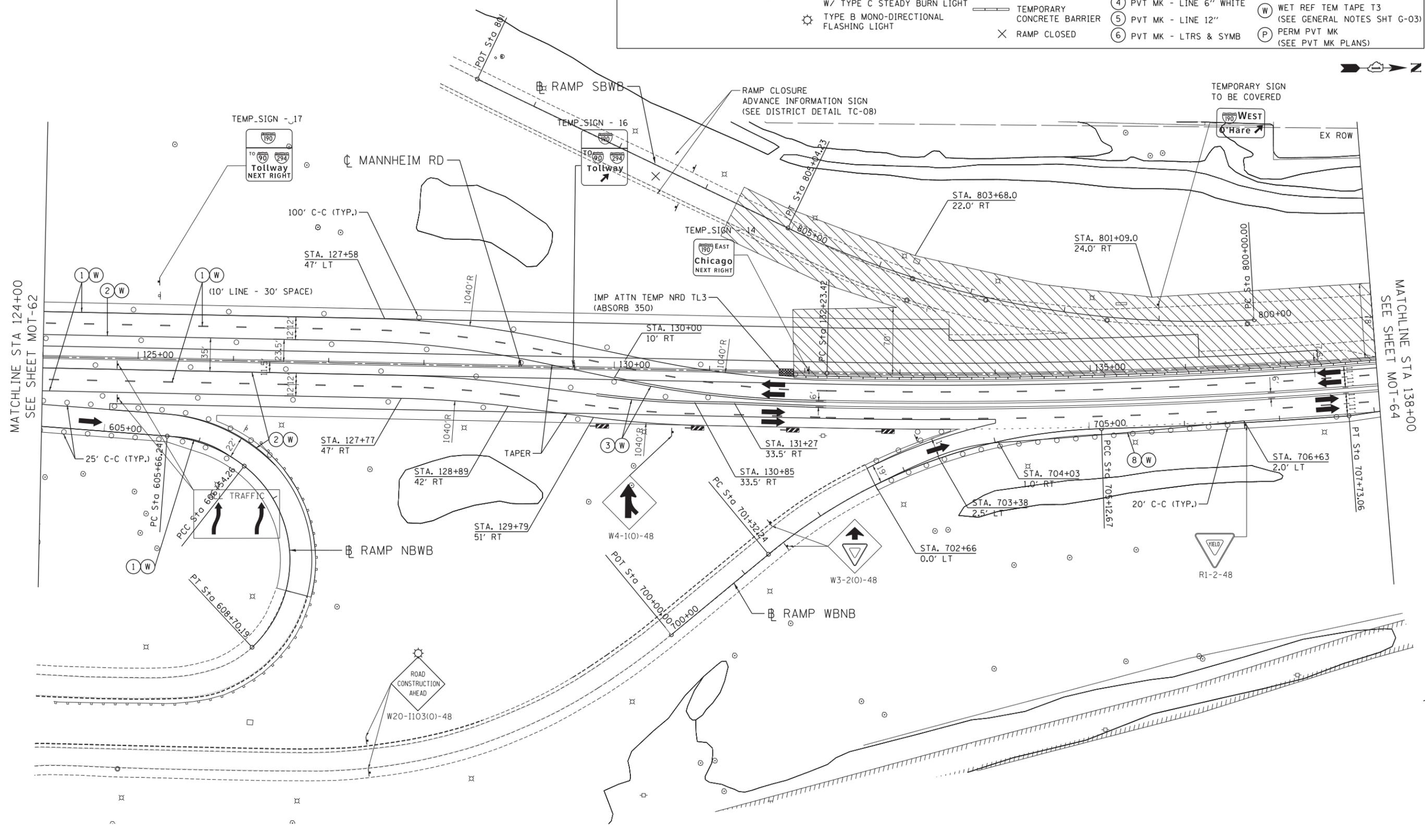
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	141
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-60

MAINTENANCE OF TRAFFIC LEGEND

 WORK AREA	 TRAFFIC DIRECTION	 ARROW BOARD	 1 PVT MK - LINE 4" WHITE	 7 PVT MK - LINE 24" WHITE
 TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)	 BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT	 DOUBLE VERTICAL PANEL	 2 PVT MK - LINE 4" YELLOW	 8 PVT MK - LINE 8" WHITE
	 TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT	 PROPOSED SIGN	 3 PVT MK - DBL 4" YELLOW	 T TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	 TYPE B MONO-DIRECTIONAL FLASHING LIGHT	 TEMPORARY CONCRETE BARRIER	 4 PVT MK - LINE 6" WHITE	 W WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
		 RAMP CLOSED	 5 PVT MK - LINE 12"	 P PERM PVT MK (SEE PVT MK PLANS)



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TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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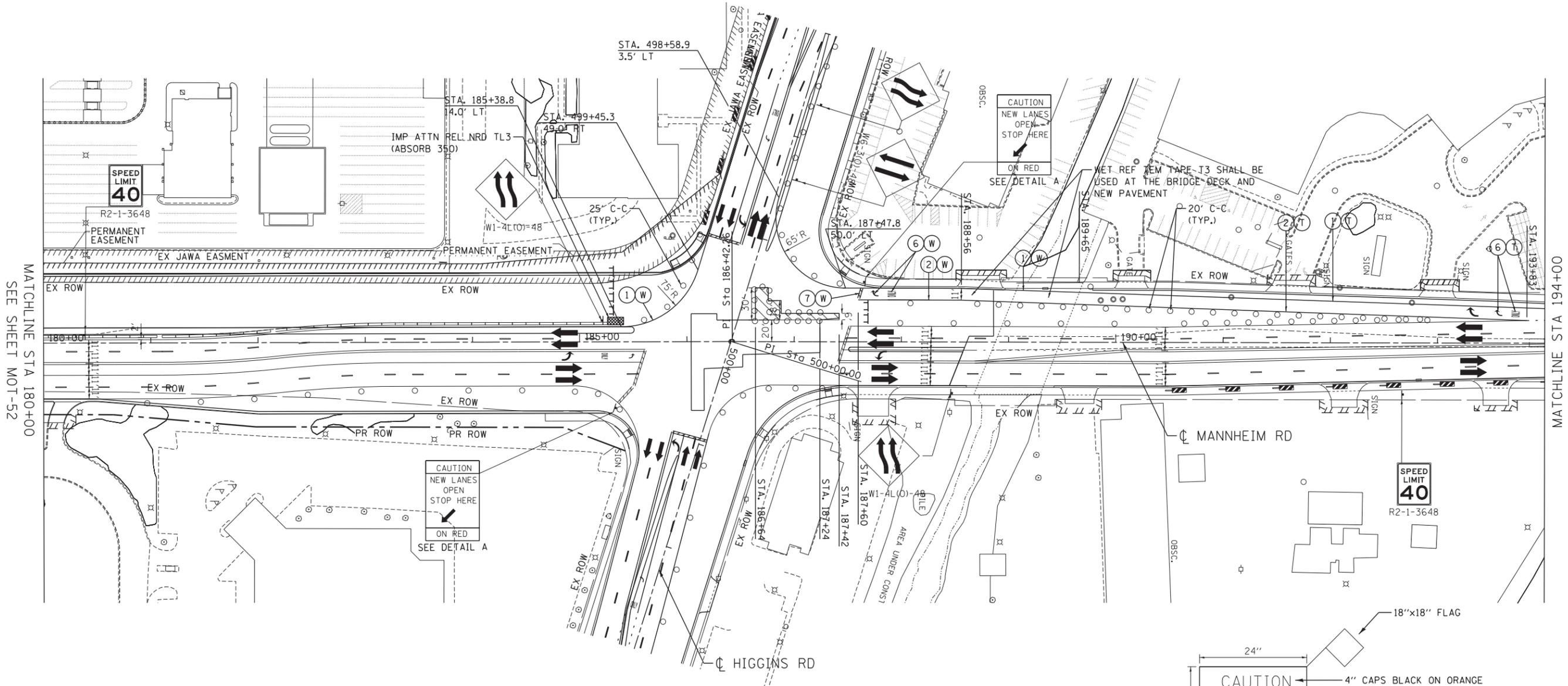
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 2 - SUB-STAGE B	
SCALE: 1"=50'	SHEET NO. OF SHEETS STA. 124+00 TO STA. 138+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	144
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC LEGEND

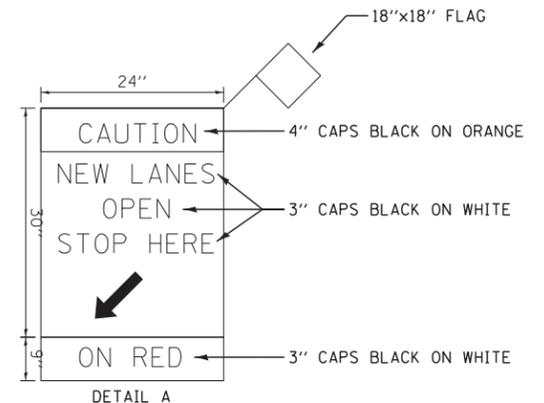
	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN	③	PVT MK - DBL 4" YELLOW	⑨	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER	④	PVT MK - LINE 6" WHITE	⑩	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED	⑤	PVT MK - LINE 12"	⑪	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		



MATCHLINE STA 180+00
SEE SHEET MOT-52

MATCHLINE STA 194+00
SEE SHEET MOT-68

- NOTE:**
- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.



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TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

FILE NAME =	USER NAME = *USER*	DESIGNED - BRH	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

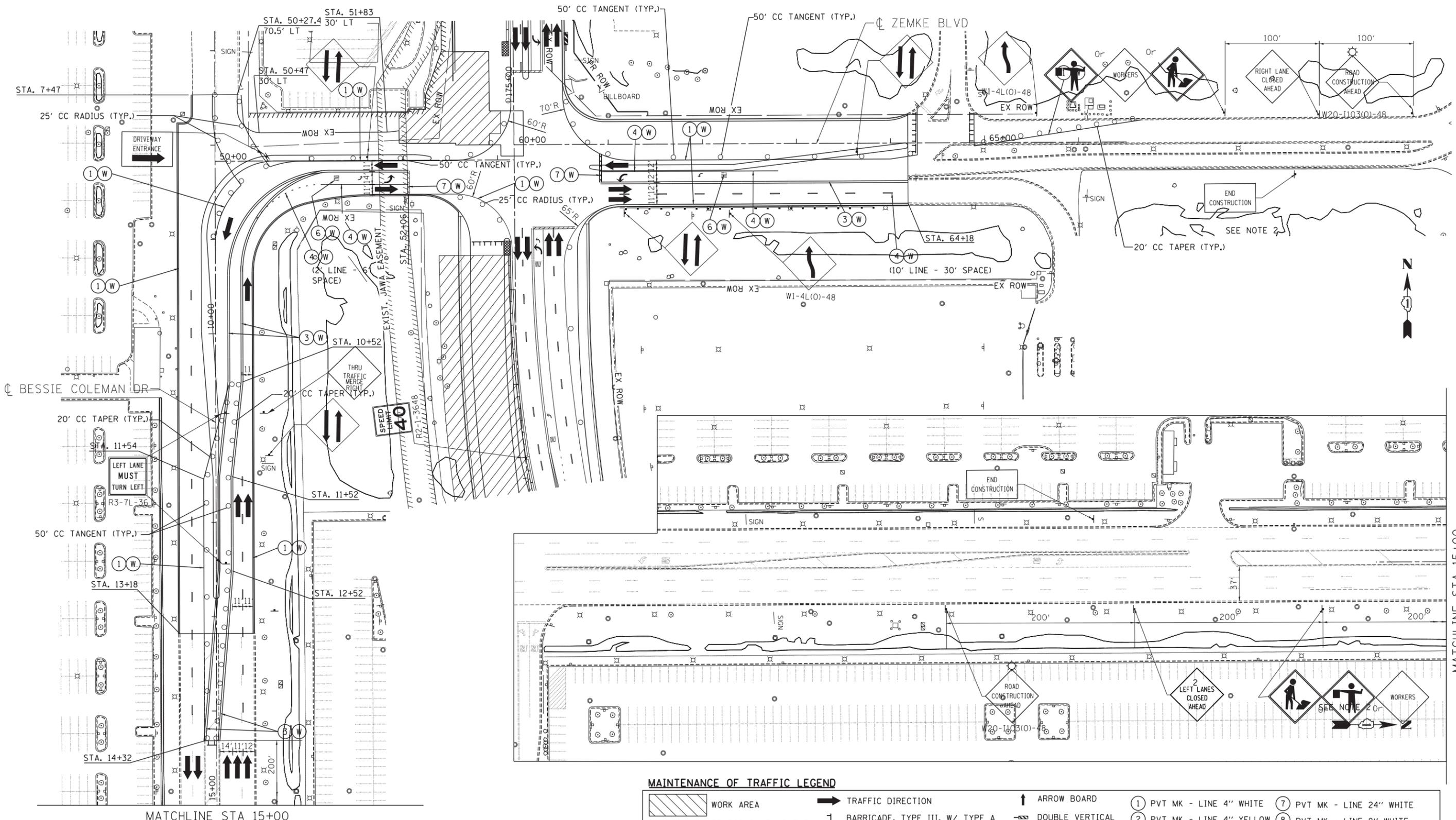
**MAINTENANCE OF TRAFFIC
STAGE 2 - SUB-STAGE C**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 180+00 TO STA. 194+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	148
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-67

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 BAIZEKJ



- NOTES:**
- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
 - USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT.
USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

MAINTENANCE OF TRAFFIC LEGEND

WORK AREA	TRAFFIC DIRECTION	ARROW BOARD	PVT MK - LINE 4" WHITE	PVT MK - LINE 24" WHITE
TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)	BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT	DOUBLE VERTICAL PANEL	PVT MK - LINE 4" YELLOW	PVT MK - LINE 8" WHITE
TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT	PROPOSED SIGN	TEMPORARY CONCRETE BARRIER	PVT MK - DBL 4" YELLOW	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
TYPE B MONO-DIRECTIONAL FLASHING LIGHT	RAMP CLOSED		PVT MK - LINE 6" WHITE	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
			PVT MK - LINE 12"	PERM PVT MK (SEE PVT MK PLANS)
			PVT MK - LTRS & SYMB	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2 - SUB-STAGE B
ZEMKE BOULEVARD**

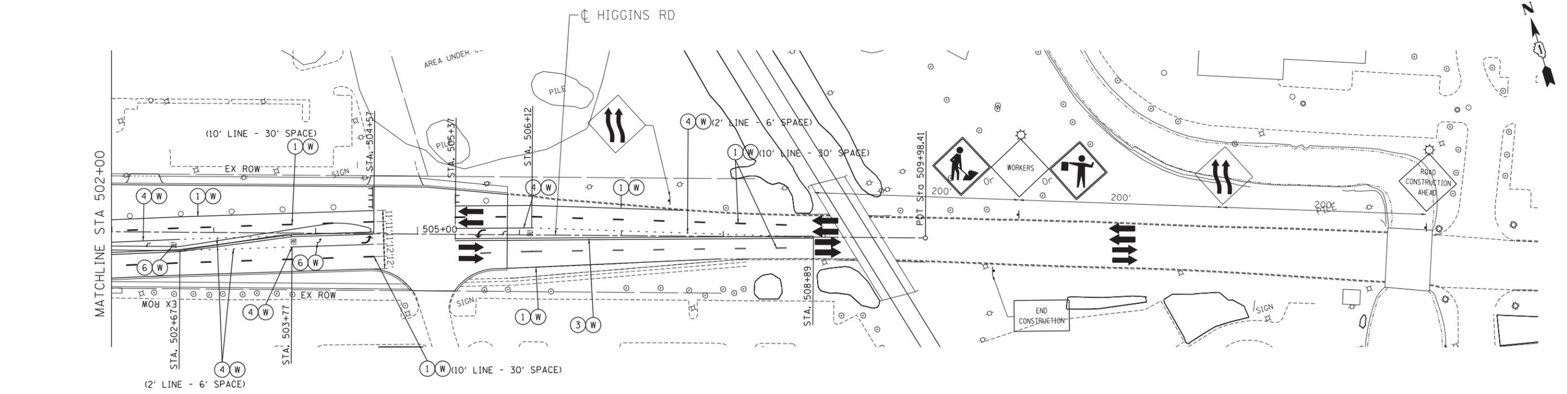
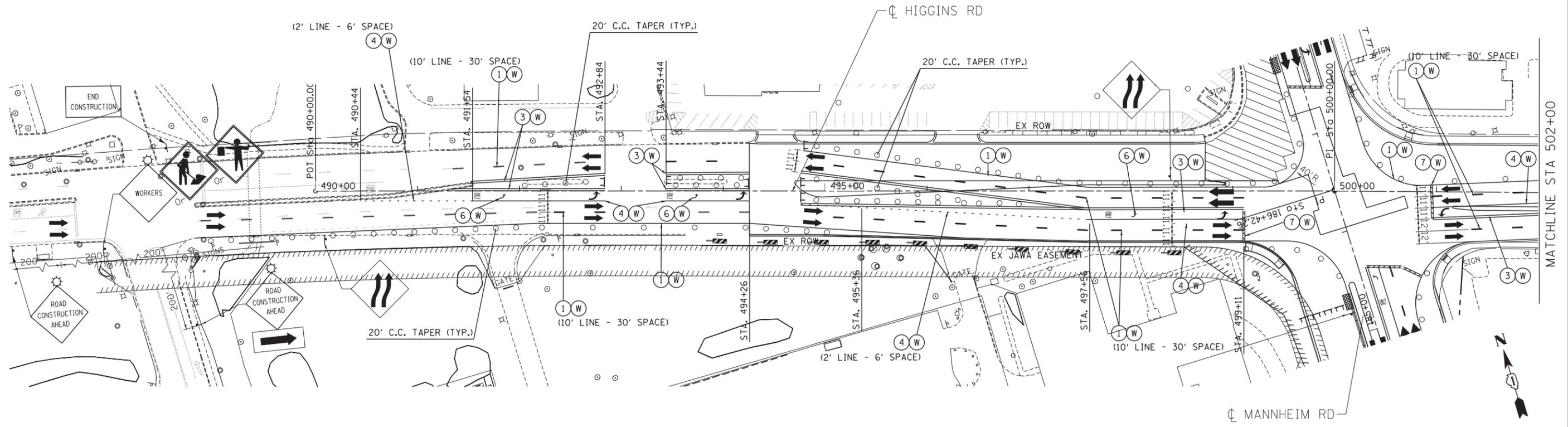
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	146
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

Globetrotters[®]
Engineering Corporation
ENGINEERS ARCHITECTS
300 South Wacker Drive
Chicago, IL 60606

USER NAME = *USER*	DESIGNED - BRH	REVISED -
PLOT SCALE = *SCALE*	DRAWN - JZP	REVISED -
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	DATE - 10/19/12	REVISED -

MOT-65



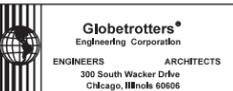
MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER		PVT MK - DBL 4" YELLOW		TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)		PVT MK - LINE 6" WHITE		PERM PVT MK (SEE PVT MK PLANS)
					PVT MK - LINE 12"		PVT MK - LTRS & SYMB		

NOTE:

- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.

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	DATE - 10/19/12	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

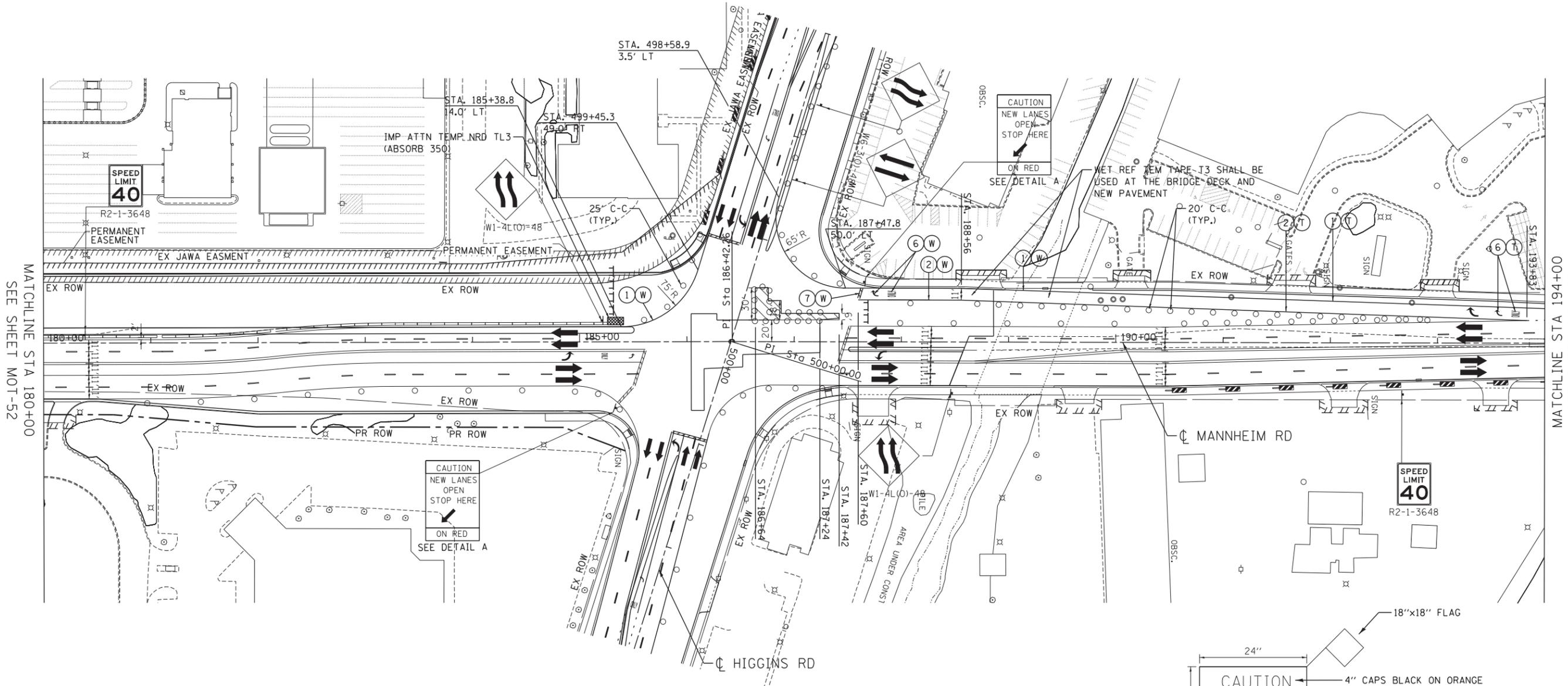
MAINTENANCE OF TRAFFIC STAGE 2 - SUB-STAGE B HIGGINS ROAD			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	147
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

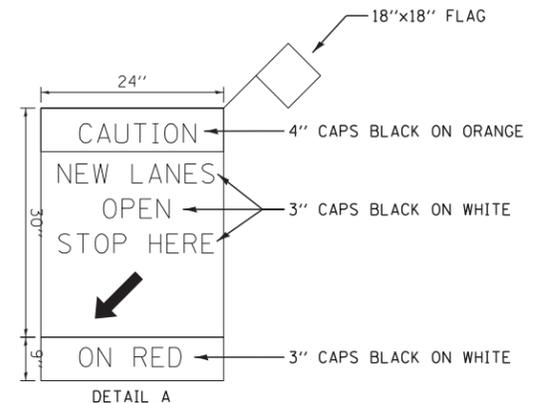
MOT-66

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN	③	PVT MK - DBL 4" YELLOW	⑨	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER	④	PVT MK - LINE 6" WHITE	⑩	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED	⑤	PVT MK - LINE 12"	⑪	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		



NOTE:
1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.



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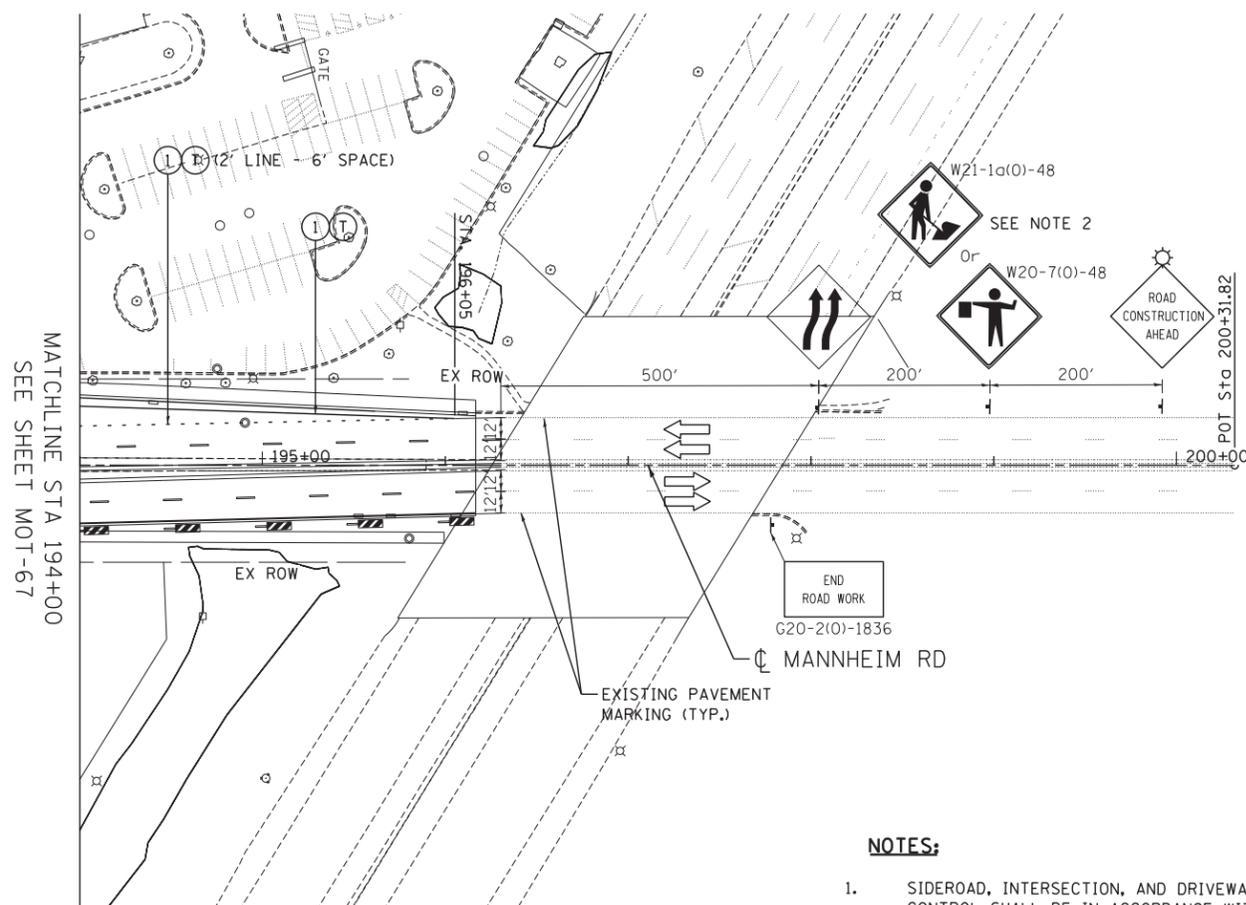
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
STAGE 2 - SUB-STAGE C**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 180+00 TO STA. 194+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	148
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-67



NOTES:

1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
2. USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT. USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	W	PERM PVT MK (SEE PVT MK PLANS)
						⑤	PVT MK - LINE 12"		
						⑥	PVT MK - LTRS & SYMB		

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 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC
STAGE 2 - SUB-STAGE C

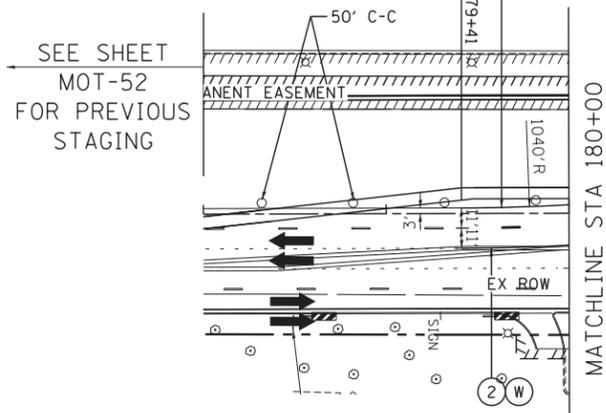
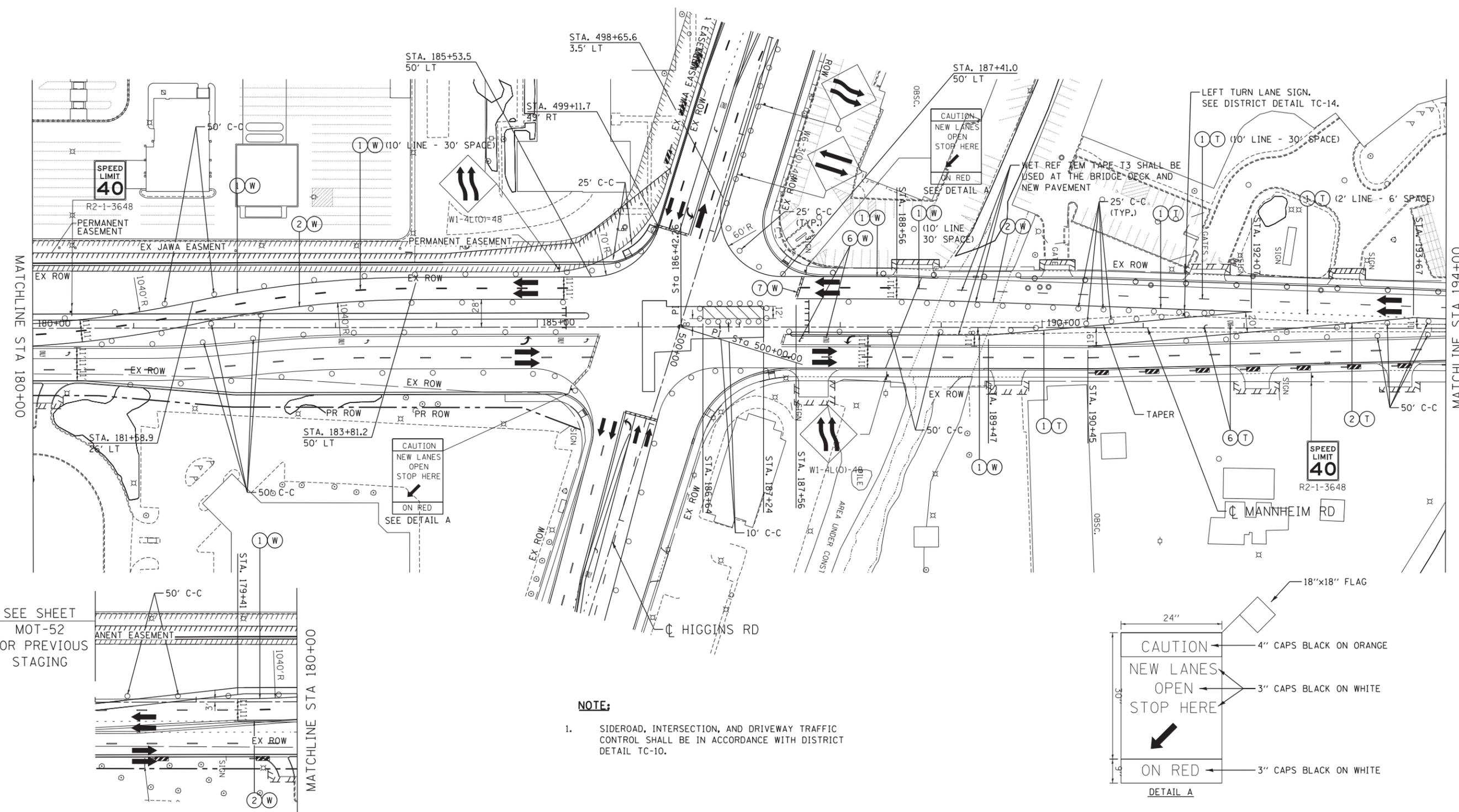
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	149
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

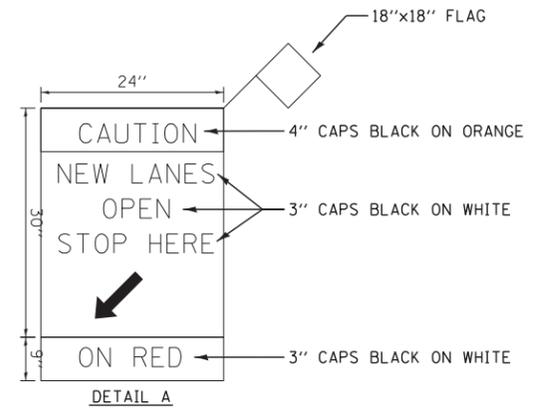
MOT-68

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		PVT MK - LINE 4" WHITE		PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		PVT MK - LINE 4" YELLOW		PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		PVT MK - DBL 4" YELLOW		TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		PVT MK - LINE 6" WHITE		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED		PVT MK - LINE 12"		PERM PVT MK (SEE PVT MK PLANS)



NOTE:
1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.



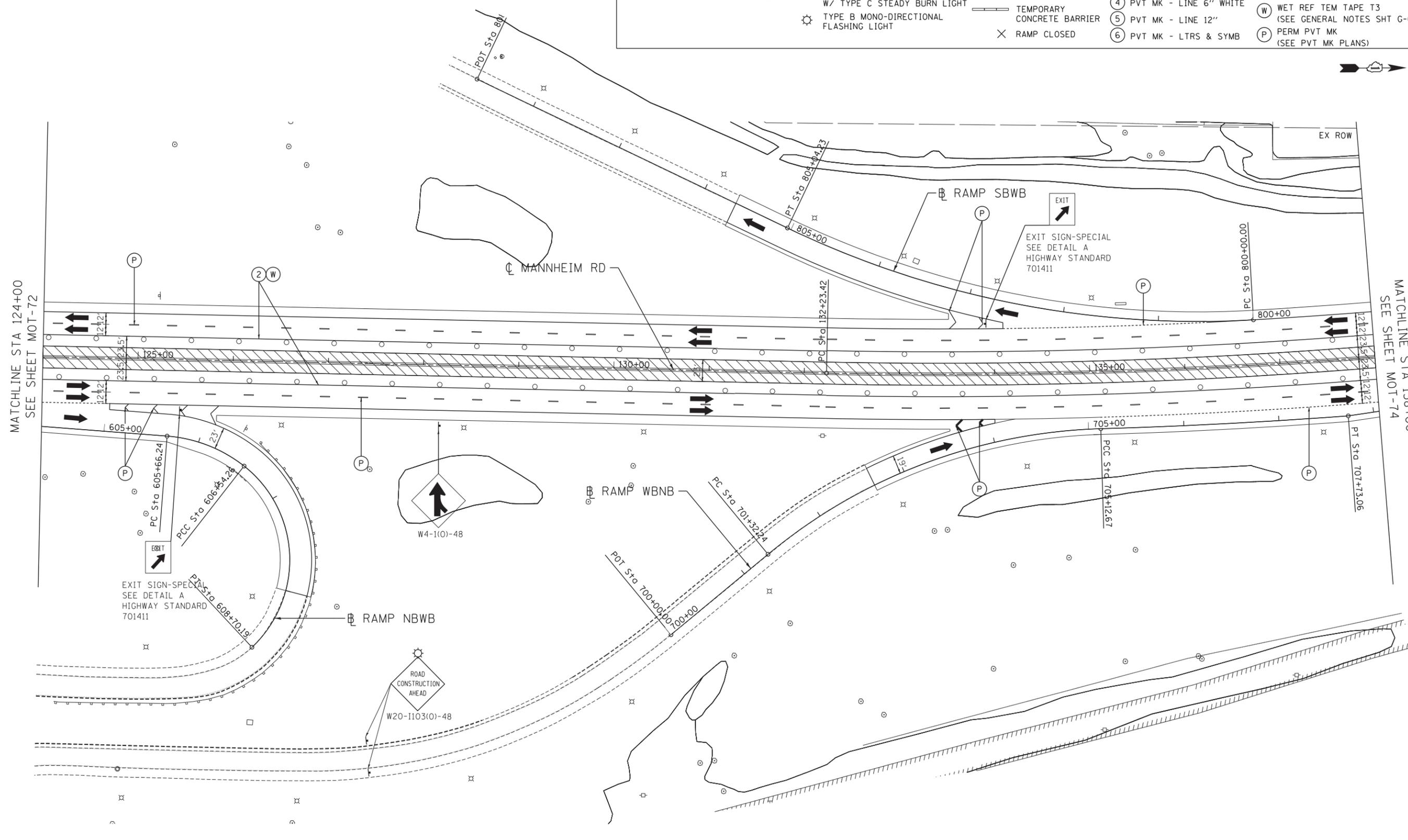
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MOT-69

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 4" WHITE		7 PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		2 PVT MK - LINE 4" YELLOW		8 PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		3 PVT MK - DBL 4" YELLOW		T TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER		4 PVT MK - LINE 6" WHITE		W WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED		5 PVT MK - LINE 12"		P PERM PVT MK (SEE PVT MK PLANS)



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 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

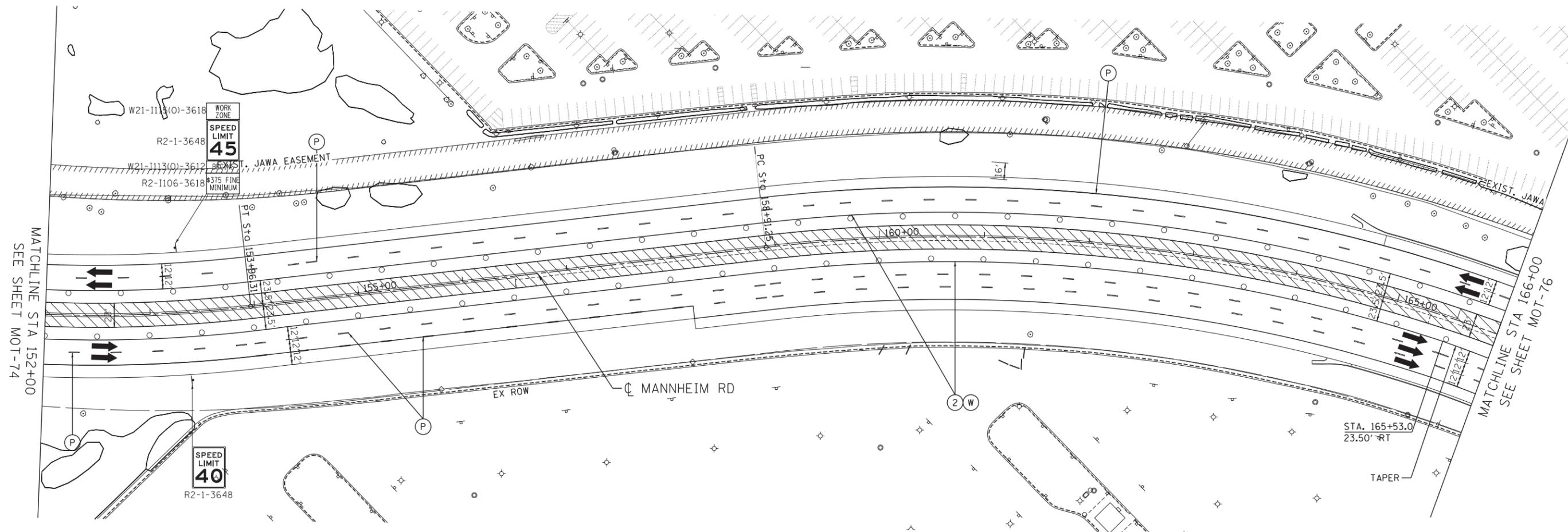
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 3			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 124+00 TO STA. 138+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	154
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-73



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER	④	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED	⑤	PVT MK - LINE 12"	P	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		

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 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

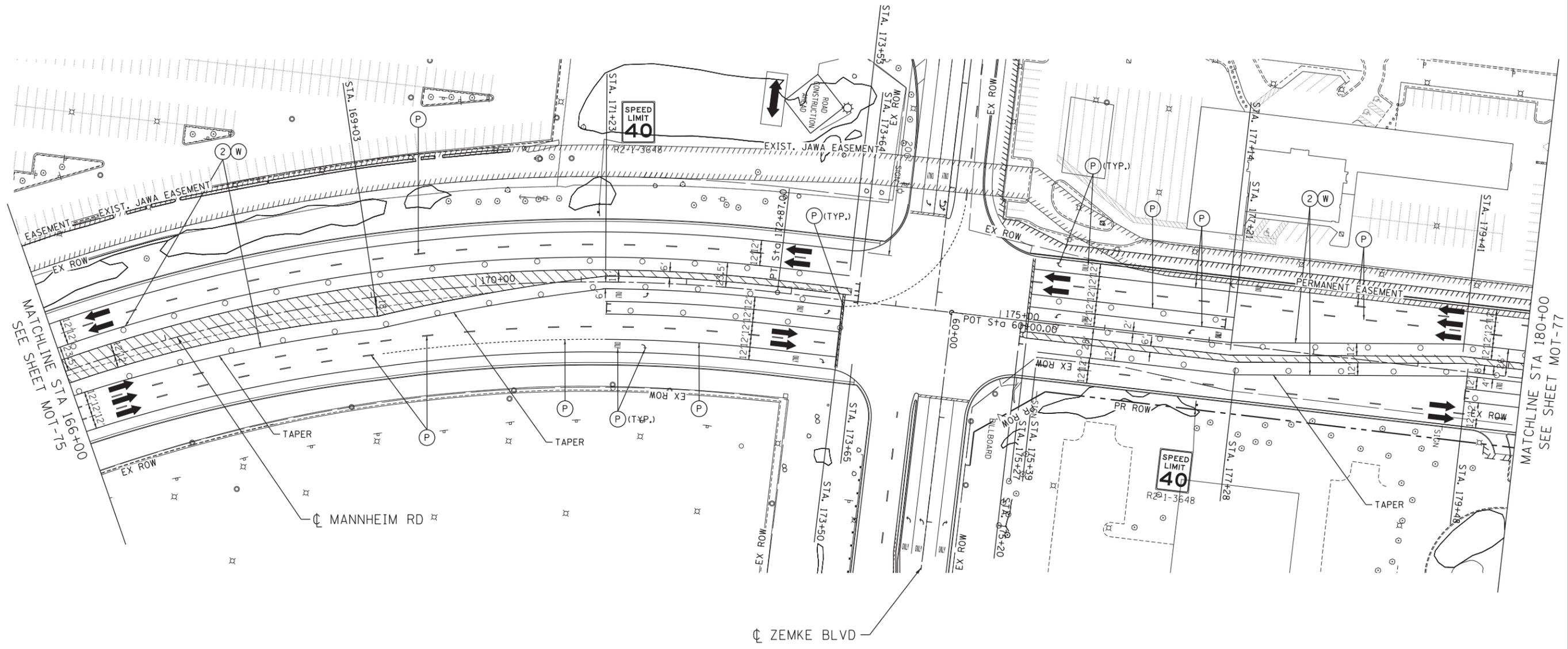
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 3			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 152+00 TO STA. 166+00	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	156
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-75



MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
			TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
			TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER	④	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED	⑤	PVT MK - LINE 12"	P	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		

NOTE:

- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.

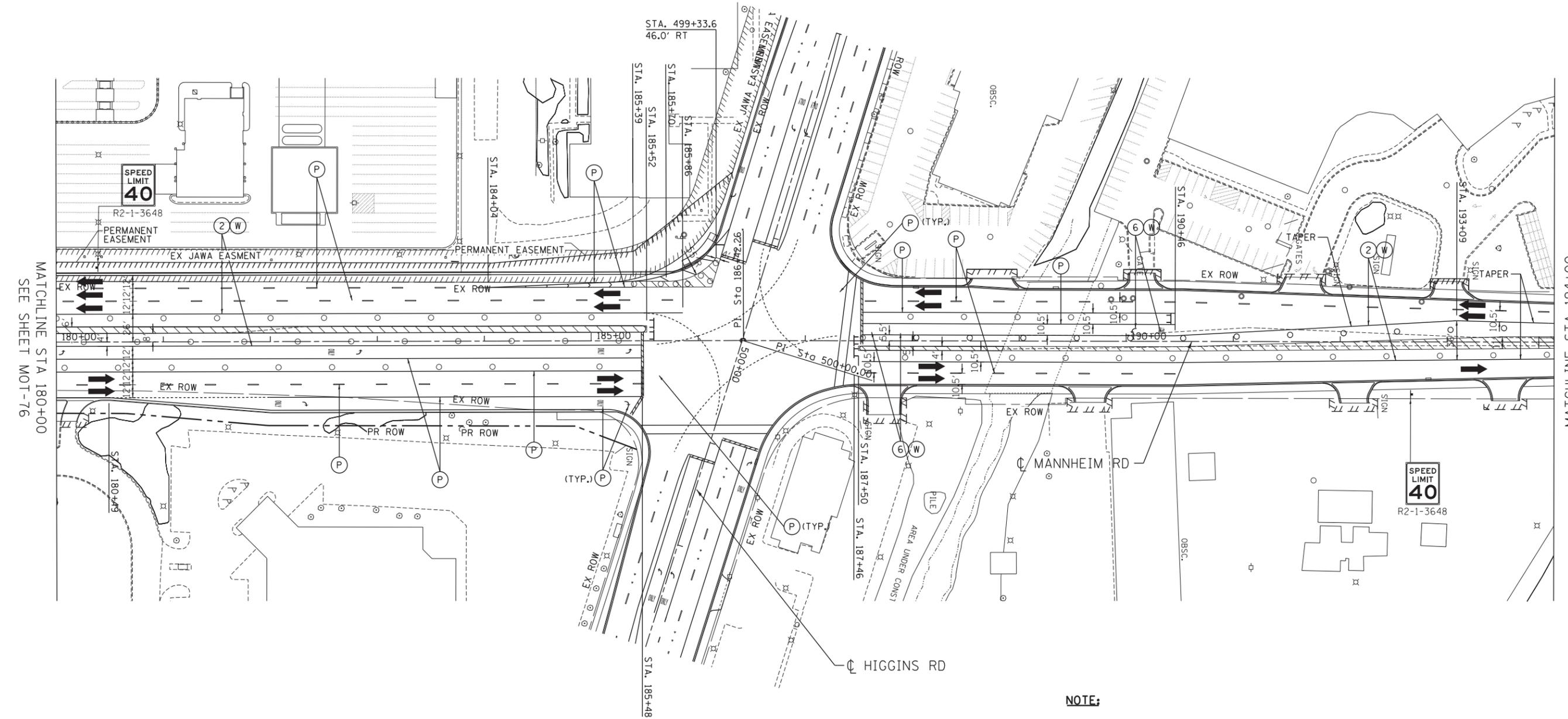
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TENGG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DATE - 10/19/12	REVISED -									

MOT-76

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
		○	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
		⊙	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER	④	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
					RAMP CLOSED	⑤	PVT MK - LINE 12"	P	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		



MATCHLINE STA 180+00
SEE SHEET MOT-76

MATCHLINE STA 194+00
SEE SHEET MOT-78

NOTE:
1. SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.

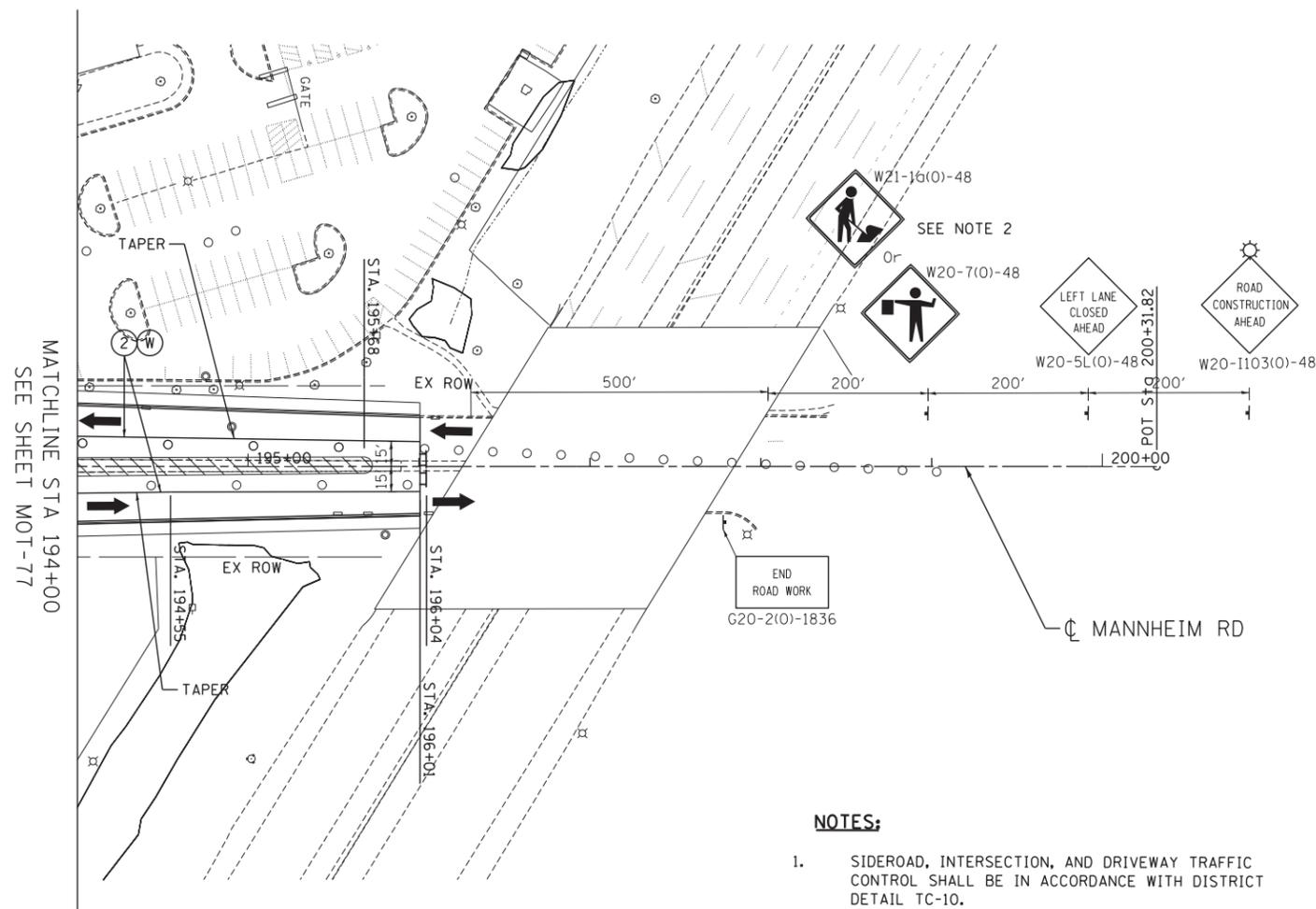
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		DATE - 10/19/12	REVISED -						CONTRACT NO. 60P35			

MOT-77



TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS



- NOTES:**
- SIDEROAD, INTERSECTION, AND DRIVEWAY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH DISTRICT DETAIL TC-10.
 - USE FLAGGER SIGN ONLY WHEN FLAGGER IS PRESENT. USE WORKER SIGN ONLY WHEN WORKER IS PRESENT.

MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)	④	PVT MK - LINE 6" WHITE	W	PERM PVT MK (SEE PVT MK PLANS)
					PERM PVT MK (SEE PVT MK PLANS)	⑤	PVT MK - LINE 12"		
						⑥	PVT MK - LTRS & SYMB		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC STAGE 3			
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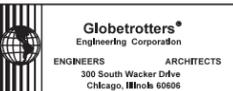
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	0105-WRS	COOK	537	159
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

MOT-78



TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

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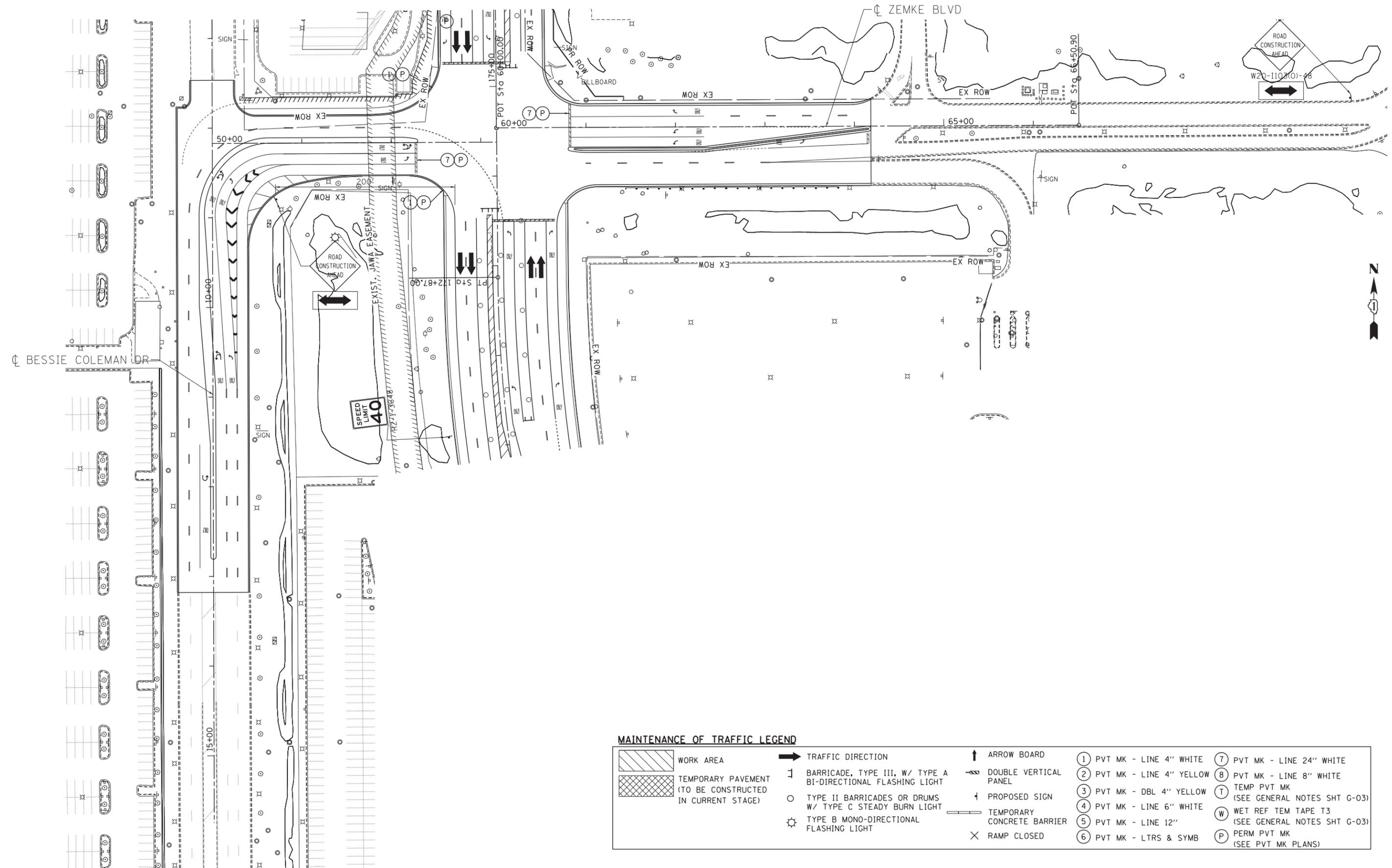
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
 STAGE 3
 ZEMKE BOULEVARD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	160
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

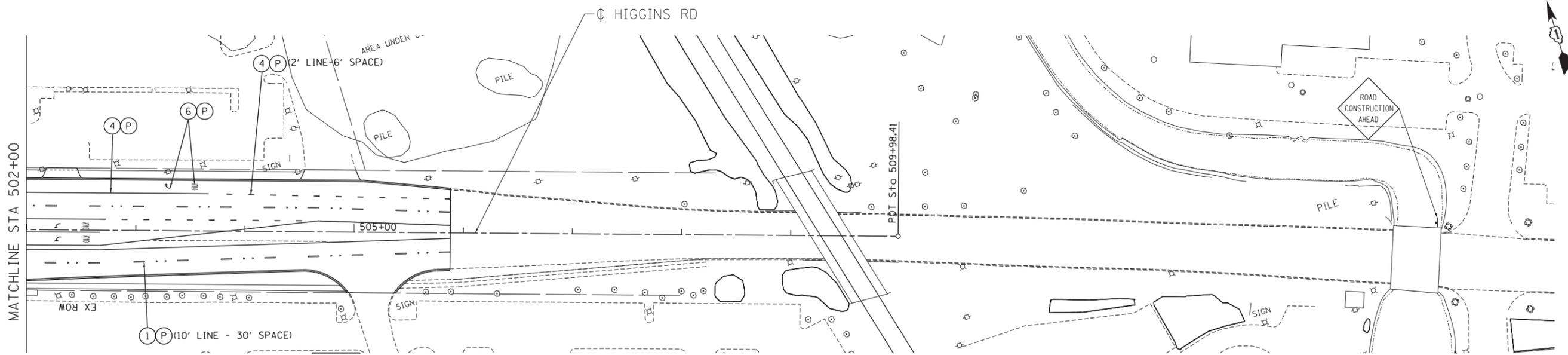
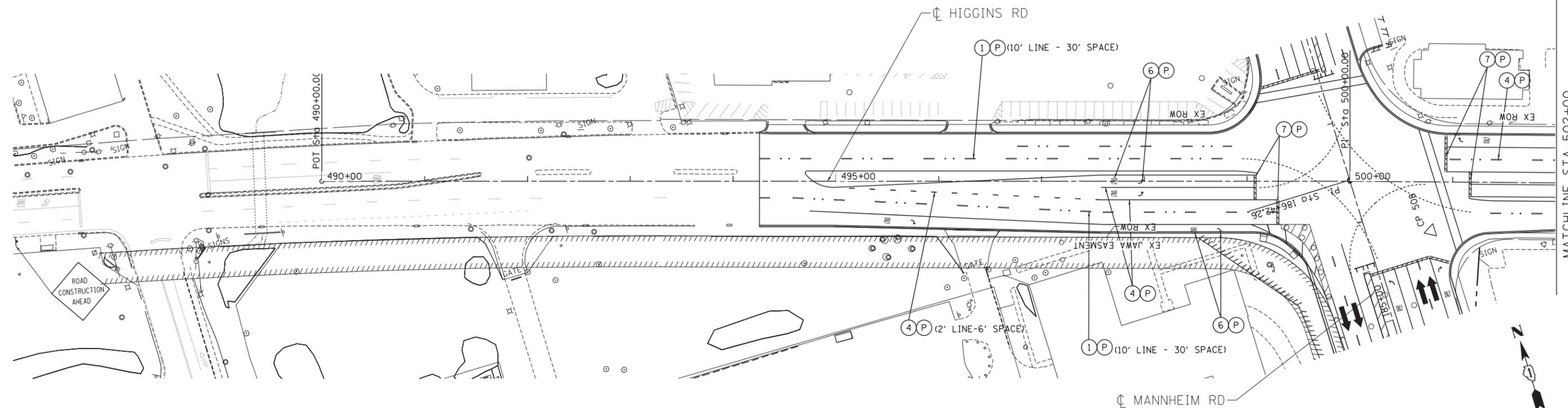
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MAINTENANCE OF TRAFFIC LEGEND

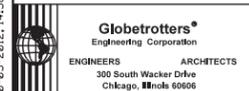
	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD		1 PVT MK - LINE 4" WHITE		7 PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL		2 PVT MK - LINE 4" YELLOW		8 PVT MK - LINE 8" WHITE
	TYPE II BARRICADES OR DRUMS		PROPOSED SIGN		TEMPORARY CONCRETE BARRIER		3 PVT MK - DBL 4" YELLOW		T TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		RAMP CLOSED		4 PVT MK - LINE 6" WHITE		W WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)		P PERM PVT MK (SEE PVT MK PLANS)
	5 PVT MK - LINE 12"		6 PVT MK - LTRS & SYMB						

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MAINTENANCE OF TRAFFIC LEGEND

	WORK AREA		TRAFFIC DIRECTION		ARROW BOARD	①	PVT MK - LINE 4" WHITE	⑦	PVT MK - LINE 24" WHITE
	TEMPORARY PAVEMENT (TO BE CONSTRUCTED IN CURRENT STAGE)		BARRICADE, TYPE III, W/ TYPE A BI-DIRECTIONAL FLASHING LIGHT		DOUBLE VERTICAL PANEL	②	PVT MK - LINE 4" YELLOW	⑧	PVT MK - LINE 8" WHITE
		○	TYPE II BARRICADES OR DRUMS W/ TYPE C STEADY BURN LIGHT		PROPOSED SIGN	③	PVT MK - DBL 4" YELLOW	T	TEMP PVT MK (SEE GENERAL NOTES SHT G-03)
		⊙	TYPE B MONO-DIRECTIONAL FLASHING LIGHT		TEMPORARY CONCRETE BARRIER	④	PVT MK - LINE 6" WHITE	W	WET REF TEM TAPE T3 (SEE GENERAL NOTES SHT G-03)
				×	RAMP CLOSED	⑤	PVT MK - LINE 12"	P	PERM PVT MK (SEE PVT MK PLANS)
						⑥	PVT MK - LTRS & SYMB		



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PLOT DATE = *DATE*	CHECKED - KDA	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGE 3 HIGGINS ROAD			
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	161
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

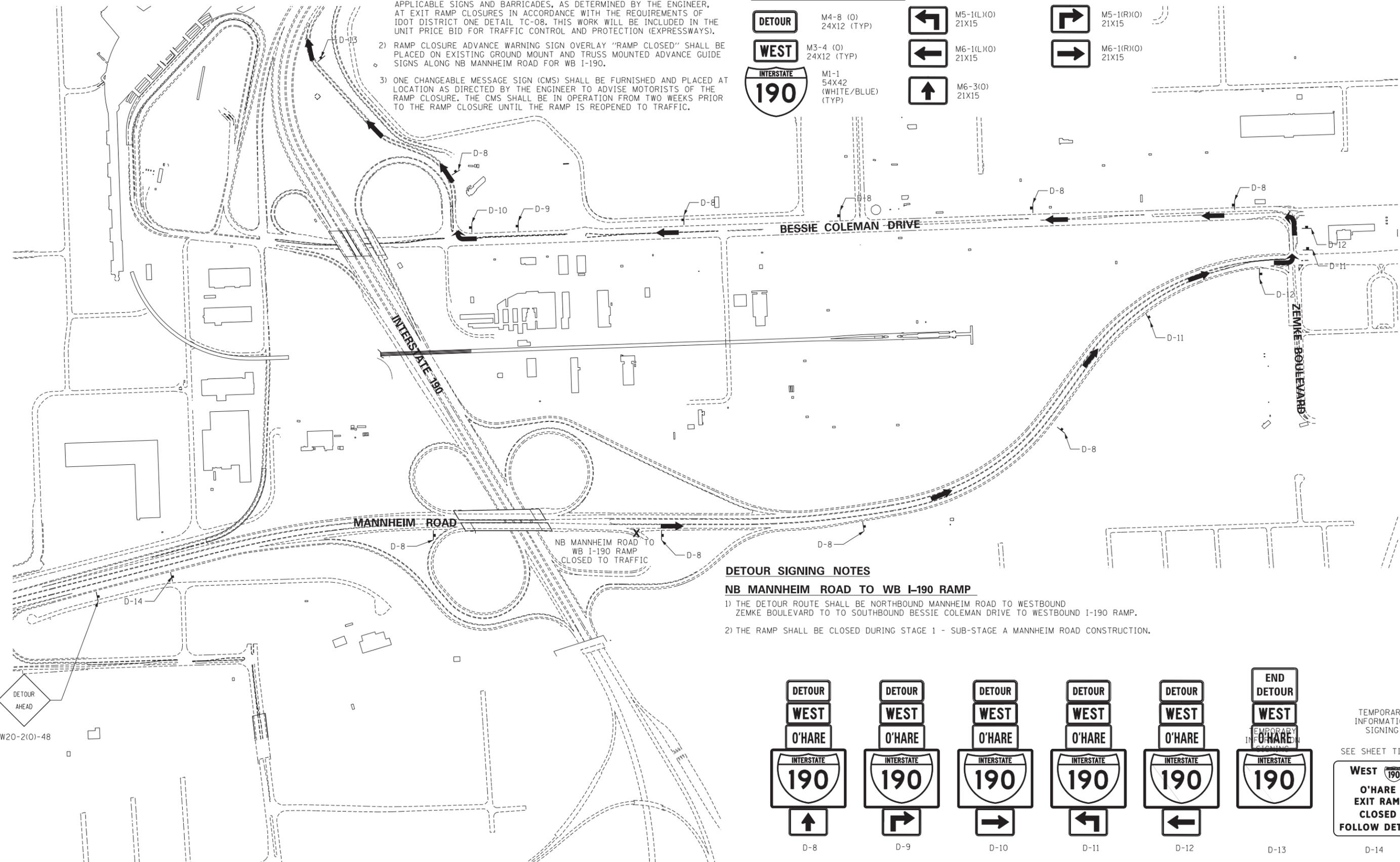
MOT-80

RAMP CLOSURE NOTES

- 1) THE CONTRACTOR SHALL FURNISH, ERECT, MAINTAIN AND REMOVE ALL APPLICABLE SIGNS AND BARRICADES, AS DETERMINED BY THE ENGINEER, AT EXIT RAMP CLOSURES IN ACCORDANCE WITH THE REQUIREMENTS OF IDOT DISTRICT ONE DETAIL TC-08. THIS WORK WILL BE INCLUDED IN THE UNIT PRICE BID FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- 2) RAMP CLOSURE ADVANCE WARNING SIGN OVERLAY "RAMP CLOSED" SHALL BE PLACED ON EXISTING GROUND MOUNT AND TRUSS MOUNTED ADVANCE GUIDE SIGNS ALONG NB MANNHEIM ROAD FOR WB I-190.
- 3) ONE CHANGEABLE MESSAGE SIGN (CMS) SHALL BE FURNISHED AND PLACED AT LOCATION AS DIRECTED BY THE ENGINEER TO ADVISE MOTORISTS OF THE RAMP CLOSURE. THE CMS SHALL BE IN OPERATION FROM TWO WEEKS PRIOR TO THE RAMP CLOSURE UNTIL THE RAMP IS REOPENED TO TRAFFIC.

DETOUR SIGNING LEGEND:

	M4-8 (0) 24X12 (TYP)		M5-1(L)(0) 21X15		M5-1(R)(0) 21X15
	M3-4 (0) 24X12 (TYP)		M6-1(L)(0) 21X15		M6-1(R)(0) 21X15
	M1-1 54X42 (WHITE/BLUE) (TYP)		M6-3(0) 21X15		



DETOUR SIGNING NOTES

NB MANNHEIM ROAD TO WB I-190 RAMP

- 1) THE DETOUR ROUTE SHALL BE NORTHBOUND MANNHEIM ROAD TO WESTBOUND ZEMKE BOULEVARD TO TO SOUTHBOUND BESSIE COLEMAN DRIVE TO WESTBOUND I-190 RAMP.
- 2) THE RAMP SHALL BE CLOSED DURING STAGE 1 - SUB-STAGE A MANNHEIM ROAD CONSTRUCTION.

D-8	D-9	D-10	D-11	D-12	D-13

TEMPORARY INFORMATION SIGNING

SEE SHEET TIS-05

D-14

\\N190-MASTER_TOP0.DGN, \\N190-MASTER_01.DGN, \\N190-MASTER_02.DGN, \\N190-MASTER_03.DGN, \\N190-MASTER_04.DGN, \\N190-MASTER_05.DGN, \\N190-MASTER_06.DGN, \\N190-MASTER_07.DGN, \\N190-MASTER_08.DGN, \\N190-MASTER_09.DGN, \\N190-MASTER_10.DGN, \\N190-MASTER_11.DGN, \\N190-MASTER_12.DGN, \\N190-MASTER_13.DGN, \\N190-MASTER_14.DGN, \\N190-MASTER_15.DGN, \\N190-MASTER_16.DGN, \\N190-MASTER_17.DGN, \\N190-MASTER_18.DGN, \\N190-MASTER_19.DGN, \\N190-MASTER_20.DGN, \\N190-MASTER_21.DGN, \\N190-MASTER_22.DGN, \\N190-MASTER_23.DGN, \\N190-MASTER_24.DGN, \\N190-MASTER_25.DGN, \\N190-MASTER_26.DGN, \\N190-MASTER_27.DGN, \\N190-MASTER_28.DGN, \\N190-MASTER_29.DGN, \\N190-MASTER_30.DGN, \\N190-MASTER_31.DGN, \\N190-MASTER_32.DGN, \\N190-MASTER_33.DGN, \\N190-MASTER_34.DGN, \\N190-MASTER_35.DGN, \\N190-MASTER_36.DGN, \\N190-MASTER_37.DGN, \\N190-MASTER_38.DGN, \\N190-MASTER_39.DGN, \\N190-MASTER_40.DGN, \\N190-MASTER_41.DGN, \\N190-MASTER_42.DGN, \\N190-MASTER_43.DGN, \\N190-MASTER_44.DGN, \\N190-MASTER_45.DGN, \\N190-MASTER_46.DGN, \\N190-MASTER_47.DGN, \\N190-MASTER_48.DGN, \\N190-MASTER_49.DGN, \\N190-MASTER_50.DGN, \\N190-MASTER_51.DGN, \\N190-MASTER_52.DGN, \\N190-MASTER_53.DGN, \\N190-MASTER_54.DGN, \\N190-MASTER_55.DGN, \\N190-MASTER_56.DGN, \\N190-MASTER_57.DGN, \\N190-MASTER_58.DGN, \\N190-MASTER_59.DGN, \\N190-MASTER_60.DGN, \\N190-MASTER_61.DGN, \\N190-MASTER_62.DGN, \\N190-MASTER_63.DGN, \\N190-MASTER_64.DGN, \\N190-MASTER_65.DGN, \\N190-MASTER_66.DGN, \\N190-MASTER_67.DGN, \\N190-MASTER_68.DGN, \\N190-MASTER_69.DGN, \\N190-MASTER_70.DGN, \\N190-MASTER_71.DGN, \\N190-MASTER_72.DGN, \\N190-MASTER_73.DGN, \\N190-MASTER_74.DGN, \\N190-MASTER_75.DGN, \\N190-MASTER_76.DGN, \\N190-MASTER_77.DGN, \\N190-MASTER_78.DGN, \\N190-MASTER_79.DGN, \\N190-MASTER_80.DGN, \\N190-MASTER_81.DGN, \\N190-MASTER_82.DGN, \\N190-MASTER_83.DGN, \\N190-MASTER_84.DGN, \\N190-MASTER_85.DGN, \\N190-MASTER_86.DGN, \\N190-MASTER_87.DGN, \\N190-MASTER_88.DGN, \\N190-MASTER_89.DGN, \\N190-MASTER_90.DGN, \\N190-MASTER_91.DGN, \\N190-MASTER_92.DGN, \\N190-MASTER_93.DGN, \\N190-MASTER_94.DGN, \\N190-MASTER_95.DGN, \\N190-MASTER_96.DGN, \\N190-MASTER_97.DGN, \\N190-MASTER_98.DGN, \\N190-MASTER_99.DGN, \\N190-MASTER_100.DGN

FILE NAME =	USER NAME = *USER*	DESIGNED - JZP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DETOUR PLAN NB MANNHEIM ROAD TO WB I-190				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILEL		DRAWN - JZP	REVISED -					SCALE: 1"=300'	SHEET NO.	OF	SHEETS	STA.	TO STA.	0105-WRS	COOK	537
PLOT SCALE = *SCALE*		CHECKED - MCD	REVISED -									CONTRACT NO. 60P35				
PLOT DATE = *DATE*		DATE - 10/19/12	REVISED -									ILLINOIS FED. AID PROJECT				





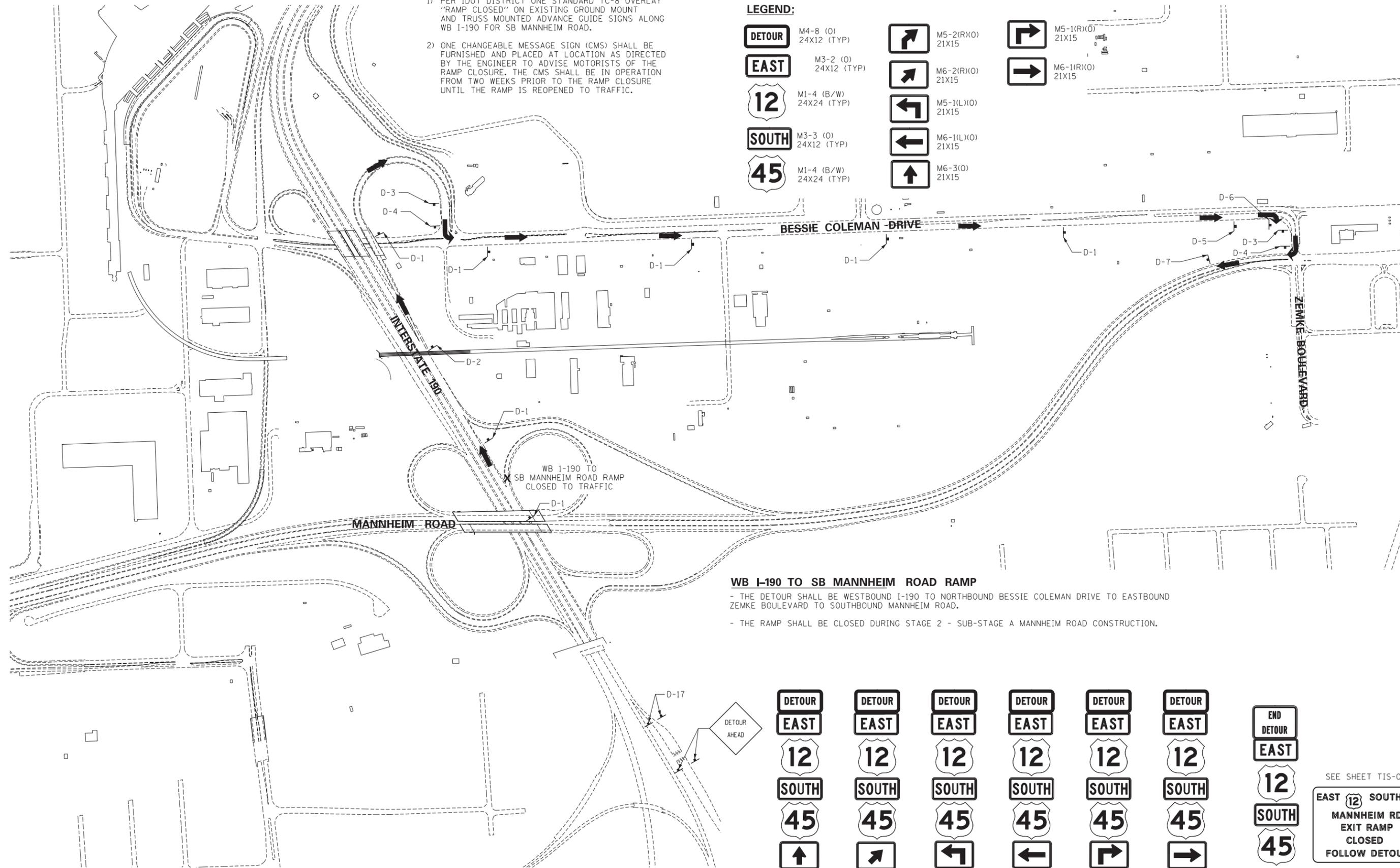
NOTES

- 1) PER IDOT DISTRICT ONE STANDARD TC-8 OVERLAY "RAMP CLOSED" ON EXISTING GROUND MOUNT AND TRUSS MOUNTED ADVANCE GUIDE SIGNS ALONG WB I-190 FOR SB MANNHEIM ROAD.
- 2) ONE CHANGEABLE MESSAGE SIGN (CMS) SHALL BE FURNISHED AND PLACED AT LOCATION AS DIRECTED BY THE ENGINEER TO ADVISE MOTORISTS OF THE RAMP CLOSURE. THE CMS SHALL BE IN OPERATION FROM TWO WEEKS PRIOR TO THE RAMP CLOSURE UNTIL THE RAMP IS REOPENED TO TRAFFIC.

LEGEND:

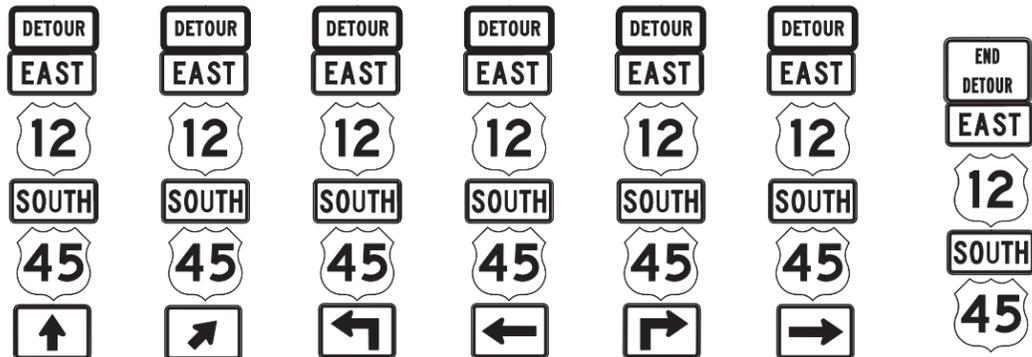
- DETOUR** M4-8 (O) 24X12 (TYP)
- EAST** M3-2 (O) 24X12 (TYP)
- 12** M1-4 (B/W) 24X24 (TYP)
- SOUTH** M3-3 (O) 24X12 (TYP)
- 45** M1-4 (B/W) 24X24 (TYP)
- M5-2(R)(O) 21X15
- M6-2(R)(O) 21X15
- M5-1(L)(O) 21X15
- M6-1(L)(O) 21X15
- M6-3(O) 21X15

- M5-1(R)(O) 21X15
- M6-1(R)(O) 21X15



WB I-190 TO SB MANNHEIM ROAD RAMP

- THE DETOUR SHALL BE WESTBOUND I-190 TO NORTHBOUND BESSIE COLEMAN DRIVE TO EASTBOUND ZEMKE BOULEVARD TO SOUTHBOUND MANNHEIM ROAD.
- THE RAMP SHALL BE CLOSED DURING STAGE 2 - SUB-STAGE A MANNHEIM ROAD CONSTRUCTION.



D-1 D-2 D-3 D-4 D-5 D-6 D-7 D-17

SEE SHEET TIS-06

EAST 12 SOUTH 45

MANNHEIM RD. EXIT RAMP CLOSED FOLLOW DETOUR

DTR-03

FILE NAME = *FILEL*

USER NAME = *USER*

DESIGNED - JZP

REVISÉ -

DRAWN - JZP

REVISÉ -

CHECKED - MCD

REVISÉ -

DATE - 10/19/12

REVISÉ -

PLOT SCALE = *SCALE*

PLOT DATE = *DATE*

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DETOUR PLAN

WB I-190 TO SB MANNHEIM ROAD

SCALE: 1"=300'

SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.

0105-WRS COOK 537 164

CONTRACT NO. 60P35

ILLINOIS FED. AID PROJECT

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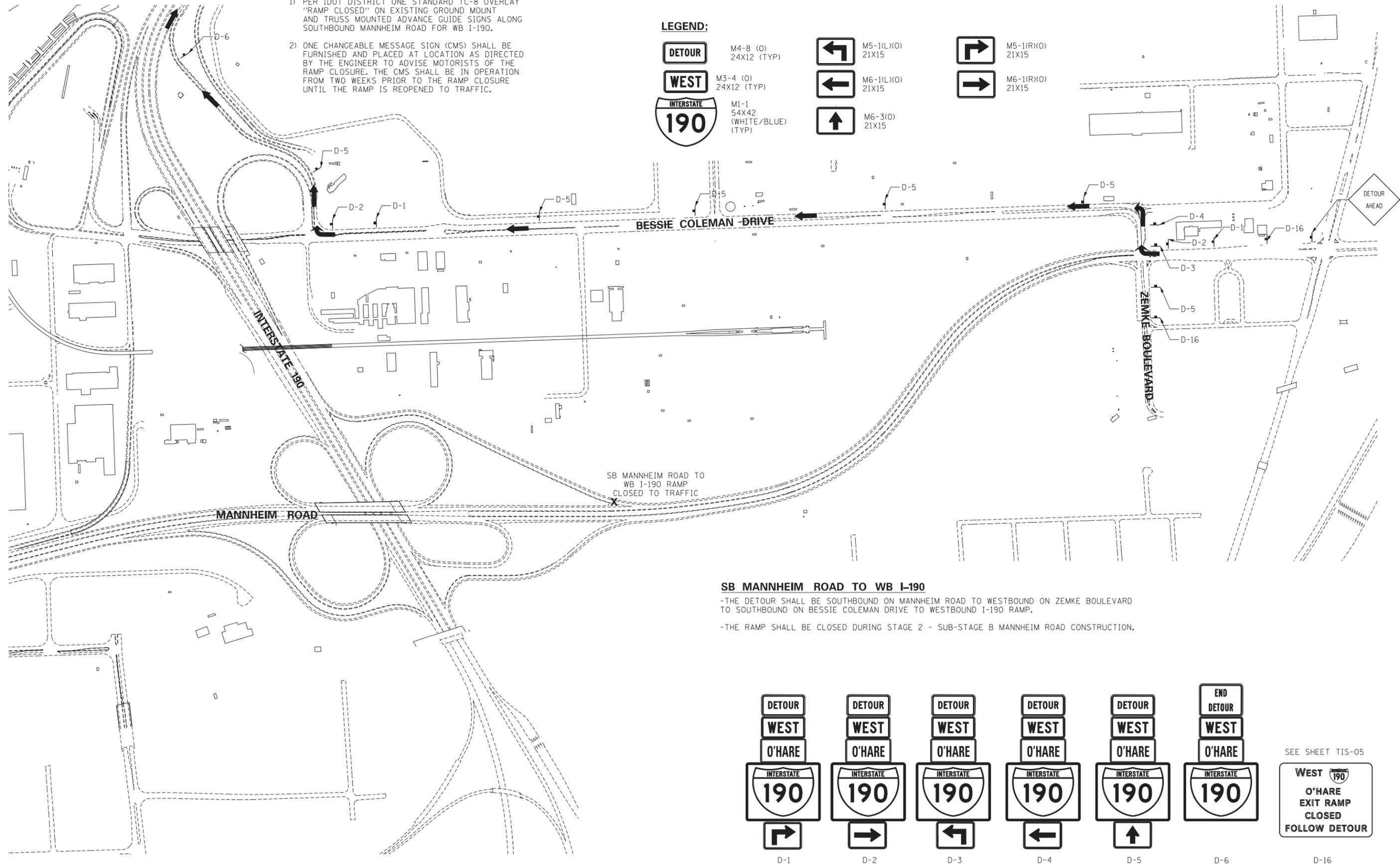


NOTES

- 1) PER IDOT DISTRICT ONE STANDARD TC-8 OVERLAY "RAMP CLOSED" ON EXISTING GROUND MOUNT AND TRUSS MOUNTED ADVANCE GUIDE SIGNS ALONG SOUTHBOUND MANNHEIM ROAD FOR WB I-190.
- 2) ONE CHANGEABLE MESSAGE SIGN (CMS) SHALL BE FURNISHED AND PLACED AT LOCATION AS DIRECTED BY THE ENGINEER TO ADVISE MOTORISTS OF THE RAMP CLOSURE. THE CMS SHALL BE IN OPERATION FROM TWO WEEKS PRIOR TO THE RAMP CLOSURE UNTIL THE RAMP IS REOPENED TO TRAFFIC.

LEGEND:

	M4-8 (O) 24X12 (TYP)		M5-1(L)(O) 21X15		M5-1(R)(O) 21X15
	M3-4 (O) 24X12 (TYP)		M6-1(L)(O) 21X15		M6-1(R)(O) 21X15
	M1-1 54X42 (WHITE/BLUE) (TYP)		M6-3(O) 21X15		



SB MANNHEIM ROAD TO WB I-190
 -THE DETOUR SHALL BE SOUTHBOUND ON MANNHEIM ROAD TO WESTBOUND ON ZEMKE BOULEVARD TO SOUTHBOUND ON BESSIE COLEMAN DRIVE TO WESTBOUND I-190 RAMP.
 -THE RAMP SHALL BE CLOSED DURING STAGE 2 - SUB-STAGE B MANNHEIM ROAD CONSTRUCTION.

D-1	D-2	D-3	D-4	D-5	D-6

SEE SHEET TIS-05

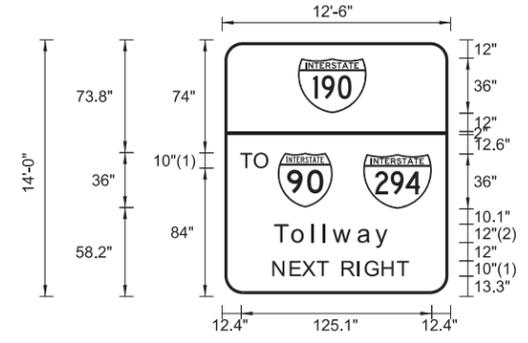
WEST O'HARE EXIT RAMP CLOSED FOLLOW DETOUR

\\N190-MASTER.TOP\DDN... \N166037-SHT-DETOUR_02.DGN... \N166037-SHT-DETOUR_03.DGN... \N166037-SHT-DETOUR_07.DGN
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TENG TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED - JZP DRAWN - JZP CHECKED - MCD DATE - 10/19/12	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR PLAN SB MANNHEIM ROAD TO WB I-190			F.A. RTE.	SECTION 0105-WRS	COUNTY COOK	TOTAL SHEETS 537	SHEET NO. 165
	PLOT SCALE = *SCALE* PLOT DATE = *DATE*					SCALE: 1"=300'	SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 60P35 ILLINOIS FED. AID PROJECT					

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SIGN DETAIL
TEMP_SIGN - 17



SIGN NUMBER	Temp_Sign - 17
WIDTH x HGHT.	12'-6" x 14'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

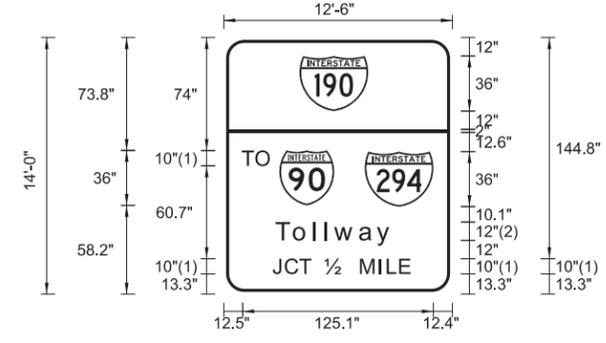
SYMBOL	ROT	X	Y	WID	HT
M1_1	0	49.8	120	45	36
M1_1	0	36.5	58.2	36	36
M1_1	0	92.6	57.3	45	36

Panel Style: Guide_Expressway_Temporary.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIESIZE	
T	O										ClearviewHwy-4-W	
12.4	21.4										17.7	10
T	o	I	I	w	a	y					ClearviewHwy-5-W	
34.9	46.6	59.9	67.3	73.4	89.8	101.1					75.6	129.8
N	E	X	T		R	I	G	H	T		ClearviewHwy-4-W	
33.7	45	52.9	62.6	69.3	79	89.1	94.1	105.4	115.2		88.2	10

SIGN DETAIL
TEMP_SIGN - 18



SIGN NUMBER	Temp_Sign - 18
WIDTH x HGHT.	12'-6" x 14'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1_1	0	49.8	120	45	36
M1_1	0	36.5	58.2	36	36
M1_1	0	92.6	57.3	45	36

Panel Style: Guide_Expressway_Temporary.ssi
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIESIZE	
T	O										ClearviewHwy-4-W	
12.5	21.4										17.7	10
T	o	I	I	w	a	y					ClearviewHwy-5-W	
34.9	46.6	59.9	67.3	73.4	89.8	101.1					75.6	129.8
J	C	T									ClearviewHwy-4-W	
32.7	40.8	50.2									24.2	10
12											ClearviewHwy-4-W	
66.9											13.3	10
M	I	L	E								ClearviewHwy-4-W	
90.2	102.4	107.8	115.9								31.6	10

FILE NAME = *FILEL*
 USER NAME = *USER*
 PLOT SCALE = *SCALE*
 PLOT DATE = *DATE*

DESIGNED - MAM	REVISED -
DRAWN - MAM	REVISED -
CHECKED - KDA	REVISED -
DATE - 10/19/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INFORMATION SIGN
MANNHEIM ROAD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	168
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

EROSION AND SEDIMENT CONTROL GENERAL NOTES

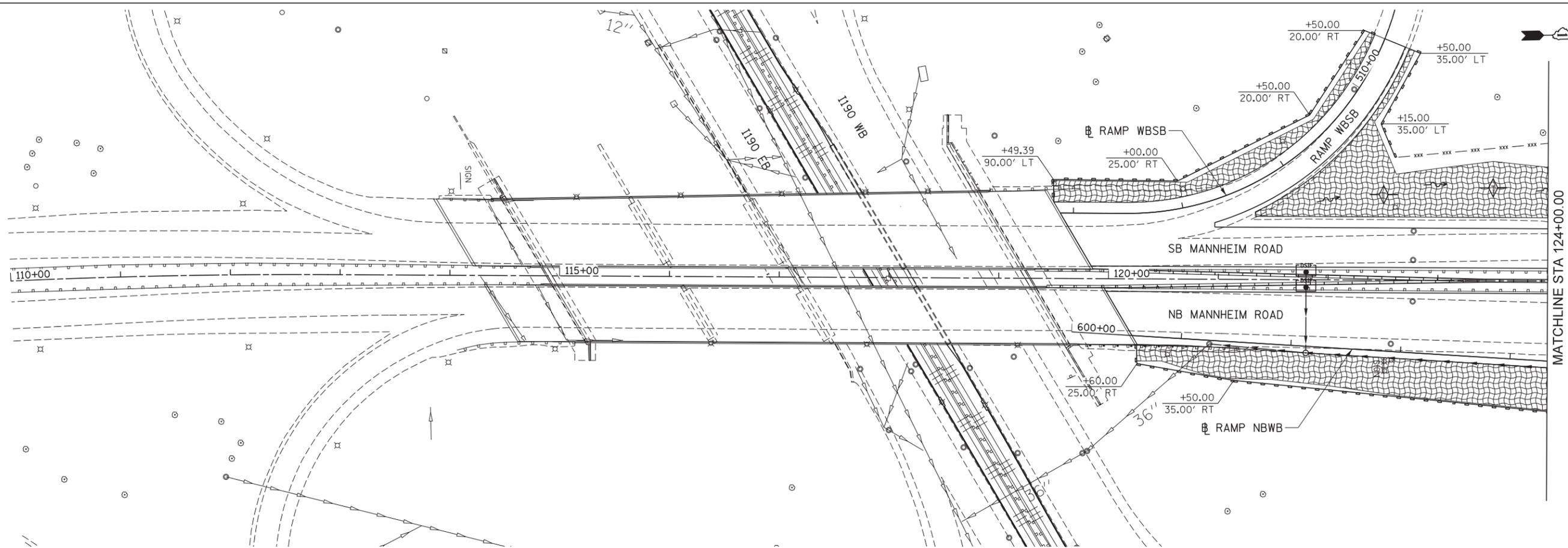
1. THE WORK DESCRIBED ON THESE DRAWINGS IS AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN A NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT. FULL COMPLIANCE WITH ALL TERMS OF THE NPDES PERMIT MUST BE STRICTLY ADHERED TO.
2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS ON DOWNSTREAM AREAS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL NOT BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL REDUCE OVERLAND FLOW RATES AS WELL AS CURTAIL ON AND OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
6. ALL PERMANENT SEDIMENT BASINS, PERMANENT STORM WATER CONTROL MEASURES, AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA WILL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE PROCEEDS. PRIOR TO PROCEEDING WITH GENERAL EARTHWORK ON A PROJECT THE CONTRACTOR WILL OBTAIN APPROVAL OF HIS PROPOSED EARTHWORK AND STABILIZATION SCHEDULE.
7. A MAXIMUM OF 10 ACRES MAY BE IN SOME STAGE OF GRADING AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 10 ACRES) MAY BE CLEARED BUT WILL NOT BE STRIPPED OF VEGETATION UNTIL THE GRADED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES. WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.
 - (A) WHEN BALANCING EARTHWORK (BORROW FROM A CUT USED AS FILL AT A LOCATION DISTANT FROM THE CUT) THE ENGINEER WILL CONSIDER ALLOWING MORE THAN 10 ACRES OF GRADING AT A TIME. THE 10 ACRE LIMITATION DOES NOT INCLUDE HAUL ROADS, BRIDGE CONSTRUCTION WORK AREAS NOR STORAGE AREAS.
 - (B) VARIATIONS TO THE ABOVE MAY BE CONSIDERED BY THE ENGINEER UNDER ALL THE FOLLOWING CONDITIONS:
 - IF THE CONTRACTOR FALLS BEHIND SCHEDULE THROUGH NO FAULT OF HIS OWN.
 - THE CONTRACTOR MUST PRESENT A SCHEDULE DEMONSTRATING THE NEED FOR SUCH VARIATION IN ORDER TO COMPLETE WORK ON TIME.
8. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.
9. STABILIZATION OF CUT OR FILL SLOPES WITH PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10 FEET VERTICALLY OR THE FINISHED SLOPE HEIGHT EQUALS 30 FEET, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED. TEMPORARY STABILIZATION OF THE CUT OR FILL SLOPES USING MULCH METHOD 4 WILL BE INSTALLED WITHIN 7 DAYS WHEN ACTIVITY ON THE CUT OR FILL SLOPE CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
10. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 0.5 IN. OR EQUIVALENT SNOWFALL. DURING THE WINTER MONTHS, EROSION CONTROL MEASURES WILL ALSO BE INSPECTED AFTER SIGNIFICANT SNOW MELT EVENTS.
11. SEDIMENT TRAPS, SEDIMENT BASINS, DITCHES, SEDIMENT CONTROL, SILT FENCE, STONE OUTLET STRUCTURES, EARTH BERMS, ETC. SHALL BE INSPECTED REGULARLY AND MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. ALL SEDIMENTS SHALL BE REMOVED TO AN APPROVED SITE. STONE OUTLET STRUCTURES SHALL HAVE SEDIMENT REMOVED WHEN IT REACHED 50% THE HEIGHT OF THE CONTROL DEVICE. THESE SPOILS WILL BE REMOVED TO AN APPROVED SITE.
12. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE, AND STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE PILE IN ACCORDANCE WITH MULCH, METHOD 2. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.
13. MATERIAL EXCAVATED FOR THE CONSTRUCTION OR CLEANOUT OF SEDIMENT TRAPS OR SEDIMENT BASINS SHALL NOT BE STOCKPILED IN (THE VICINITY OF) THE TRAP OR BASIN. IT WILL EITHER BE PLACED IN AN EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.
14. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF THE CONTROLS ARE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE DEPARTMENT WILL ASSUME THE COST OF THE CONTROLS.
15. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.
16. WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THE FOLLOWING CONDITIONS ARE MET:
 - (A) ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER.
 - (B) THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION STRAW MULCH.
 - (C) ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.
17. SEEDING USAGE
 - CLASS 2A SALT TOLERANT ROADSIDE MIX USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES INTENDED TO BE MOWED BY IDOT.
 - SODDING SALT TOLERANT, USED IN AREAS ADJACENT TO OTHER AREAS REQUIRING A HIGH ORDER OF APPEARANCE INTENDED TO BE MOWED BY SOMEONE OTHER THAN IDOT.
 - TEMPORARY EROSION CONTROL SEEDING USED ON SHORT TERM TEMPORARY SEEDING.
18. TOP SOIL PLACEMENT: TOPSOIL WILL NOT BE PLACED AT AREAS COMPLETED WHERE FURTHER CONSTRUCTION WILL BE DONE AS PART OF THIS CONTRACT.
19. SEDIMENT CONTROL DRAINAGE STRUCTURE INLET FILTER SHALL BE INSTALLED AND MAINTAINED AT EACH EXISTING AND PROPOSED INLET WITHIN THE PROJECT LIMITS.
20. INLET AND PIPE PROTECTION: INSPECT REGULARLY AND AFTER EVERY STORM. MAKE REPAIRS AS NECESSARY TO ENSURE THAT THE MEASURE IS IN GOOD WORKING ORDER. CLEAN OR REMOVE AND REPLACE THE FILTER FABRIC IF IT BECOMES CLOGGED. WORK IS INCLUDED IN COST OF INLET AND PIPE PROTECTION. INLET AND PIPE PROTECTION SHALL BE COMPRISED OF DITCH CHECKS, TEMPORARY SEEDING AND TEMPORARY EROSION CONTROL BLANKET. STRAW BALES AND SILT FENCE SHALL NOT BE USED AS INLET AND PIPE PROTECTION.
21. SILT FENCE IS NOT REQUIRED WHERE THE PERIMETER IS HIGHER THAN THE WORK ZONE, AND SILT FENCE SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW, OR ACROSS CONTOURS WITHOUT J-HOOKS (HIGHWAY STANDARD SHEET 280001), IN AREAS OF CONCENTRATED FLOW, TEMPORARY DITCH CHECKS ARE A SUITABLE ALTERNATIVE IN PLACE OF SILT FENCE.
22. PORTABLE TOILETS SHALL BE PLACED AWAY FROM INLETS AND WATER COURSES.

ESC-1

	USER NAME = mksosir	DESIGNED KJC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN KJC	REVISED -	330			0105-WRS	COOK	537	172	
	PLOT SCALE = 1:1	CHECKED LVA	REVISED -			CONTRACT NO. 60P35				
	PLOT DATE = 09-OCT-2012	DATE 10/19/12	REVISED -			SCALE:	SHEET NO. 1 OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

EROSION CONTROL LEGEND

- | | | | |
|--|--|--|----------------------------|
| | PERIMETER EROSION BARRIER | | TEMPORARY PIPE SLOPE DRAIN |
| | DRAINAGE STRUCTURE INLET FILTER | | ORANGE CONSTRUCTION FENCE |
| | TEMPORARY DITCH CHECK | | STORMWATER OUTLET |
| | TEMPORARY SEEDING AND EROSION CONTROL BLANKET | | RIPRAP |
| | TEMPORARY SEEDING AND TURF REINFORCEMENT MATTING | | PROPOSED DITCH |
| | TEMPORARY SEDIMENT BASIN | | PROPOSED SWALE |
| | TREE TRUNK PROTECTION | | PROPOSED SUMMIT |



ESC-2



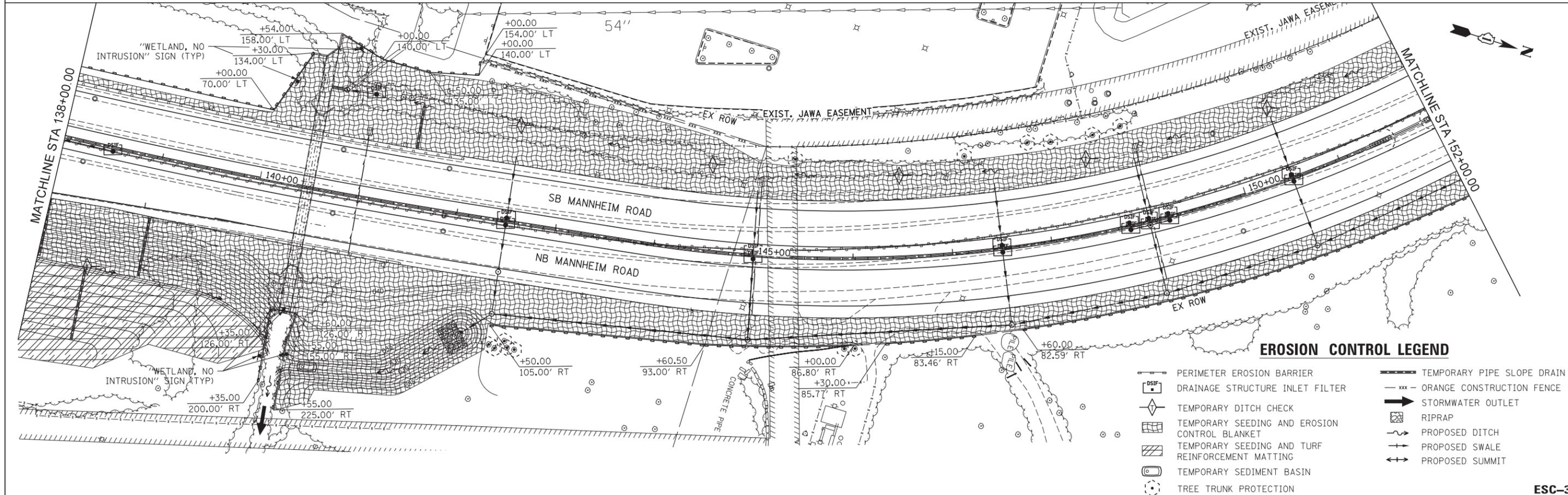
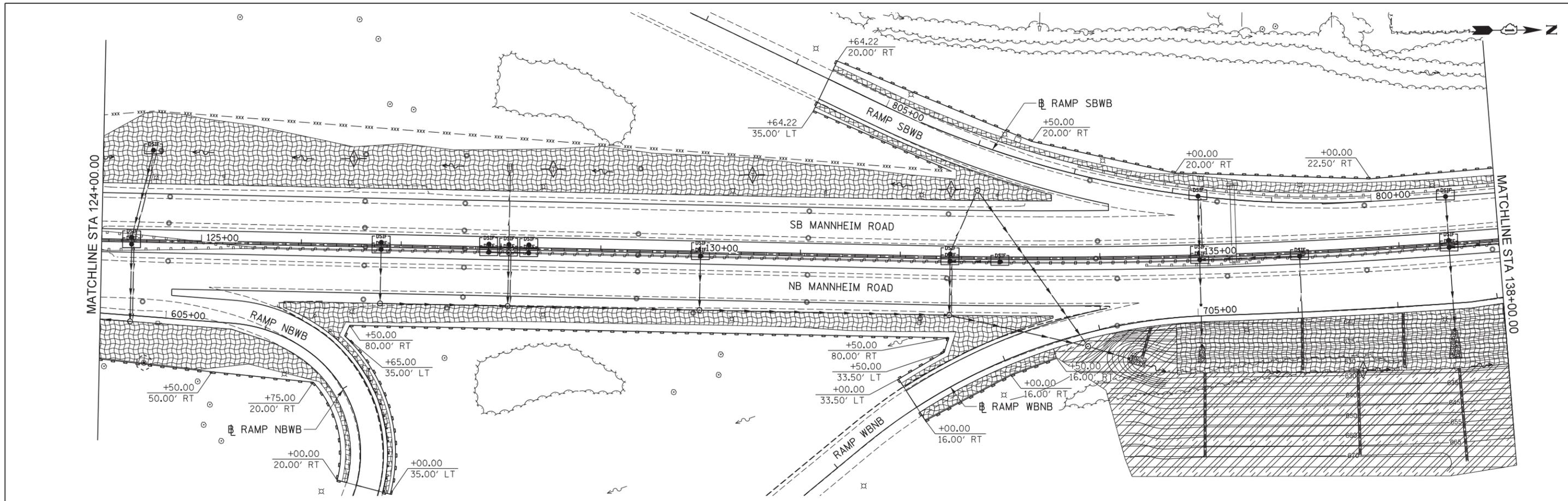
USER NAME = mkosir	DESIGNED KJC	REVISED -
	DRAWN KJC	REVISED -
PLOT SCALE = 50:1	CHECKED LVA	REVISED -
PLOT DATE = 09-OCT-2012	DATE 10/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL PLAN
MANNHEIM ROAD

SCALE: 1" = 50' SHEET NO. 2 OF 6 SHEETS STA. BOP TO STA. 124+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	0105-WRS	COOK	537	173
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

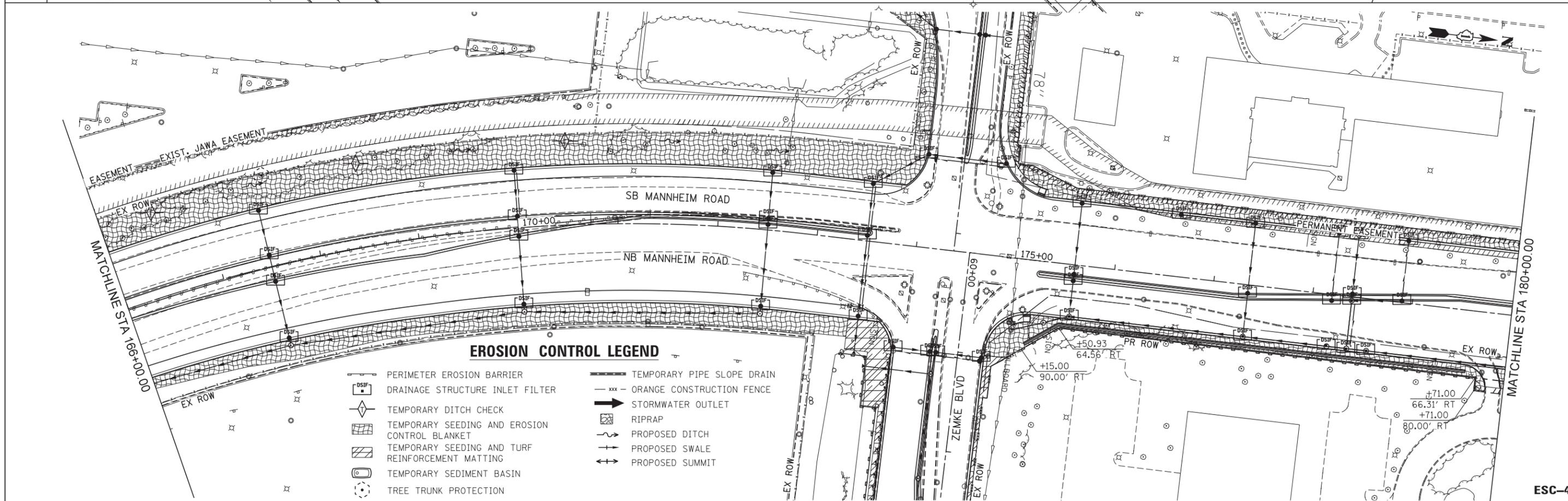
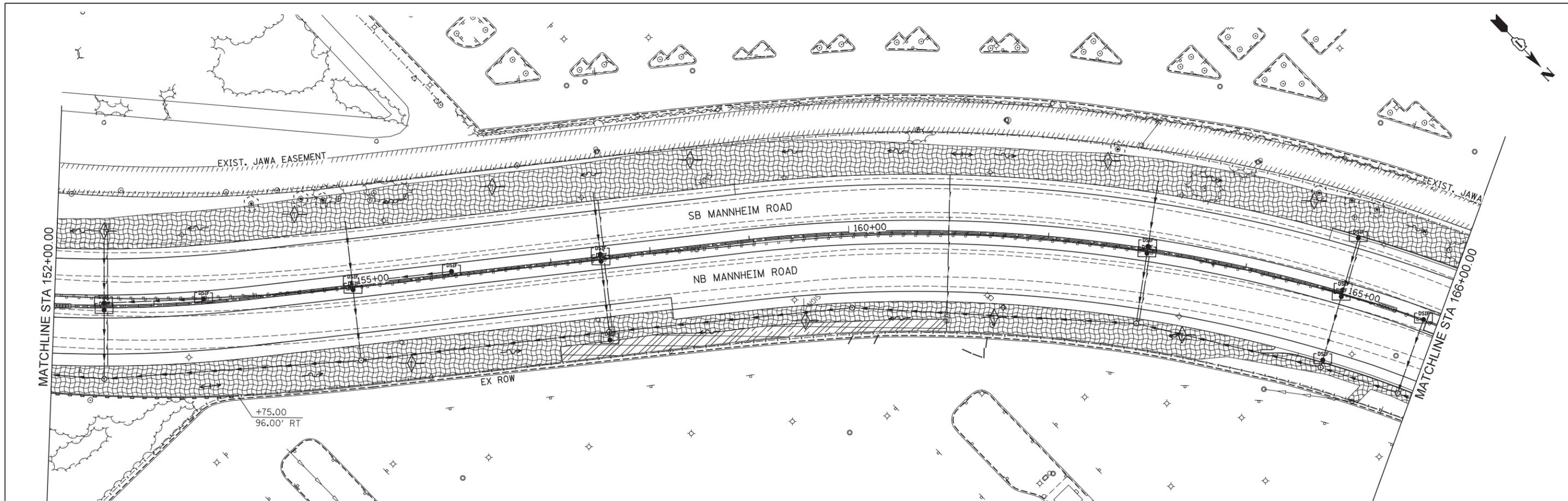


EROSION CONTROL LEGEND

	PERIMETER EROSION BARRIER		TEMPORARY PIPE SLOPE DRAIN
	DRAINAGE STRUCTURE INLET FILTER		ORANGE CONSTRUCTION FENCE
	TEMPORARY DITCH CHECK		STORMWATER OUTLET
	TEMPORARY SEEDING AND EROSION CONTROL BLANKET		RIPRAP
	TEMPORARY SEEDING AND TURF REINFORCEMENT MATTING		PROPOSED DITCH
	TEMPORARY SEDIMENT BASIN		PROPOSED SWALE
	TREE TRUNK PROTECTION		PROPOSED SUMMIT

ESC-3

<p>TERRA ENGINEERING LTD.</p>	USER NAME = mkosir	DESIGNED KJC	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">EROSION AND SEDIMENT CONTROL PLAN MANNHEIM ROAD</p>	F.A.P. RTE. 330	SECTION 0105-WRS	COUNTY COOK	TOTAL SHEETS 537	SHEET NO. 174
	PLOT SCALE = 50:1	CHECKED LVA	REVISED -			SCALE: 1" = 50'	SHEET NO. 3 OF 6 SHEETS	STA. 124+00.00 TO STA. 152+00.00	CONTRACT NO. 60P35	
FILE NAME = IP_PWP\dms47849\DI60P35-shr-eros.02.dgn	PLOT DATE = 09-OCT-2012	DATE 10/19/2012	REVISED -							



EROSION CONTROL LEGEND

- | | | | |
|--|--|--|----------------------------|
| | PERIMETER EROSION BARRIER | | TEMPORARY PIPE SLOPE DRAIN |
| | DRAINAGE STRUCTURE INLET FILTER | | ORANGE CONSTRUCTION FENCE |
| | TEMPORARY DITCH CHECK | | STORMWATER OUTLET |
| | TEMPORARY SEEDING AND EROSION CONTROL BLANKET | | RIPRAP |
| | TEMPORARY SEEDING AND TURF REINFORCEMENT MATTING | | PROPOSED DITCH |
| | TEMPORARY SEDIMENT BASIN | | PROPOSED SWALE |
| | TREE TRUNK PROTECTION | | PROPOSED SUMMIT |

ESC-4



USER NAME = mksosr	DESIGNED KJC	REVISED -
PLOT SCALE = 50:1	DRAWN KJC	REVISED -
PLOT DATE = 09-OCT-2012	CHECKED LVA	REVISED -
	DATE 10/19/2012	REVISED -

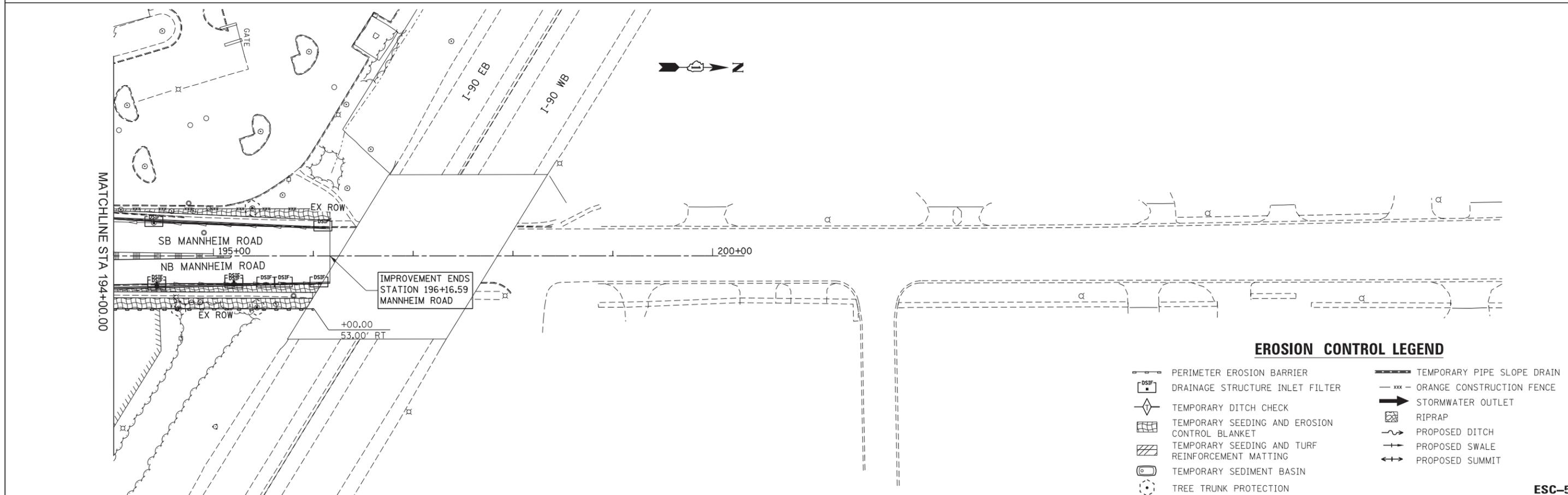
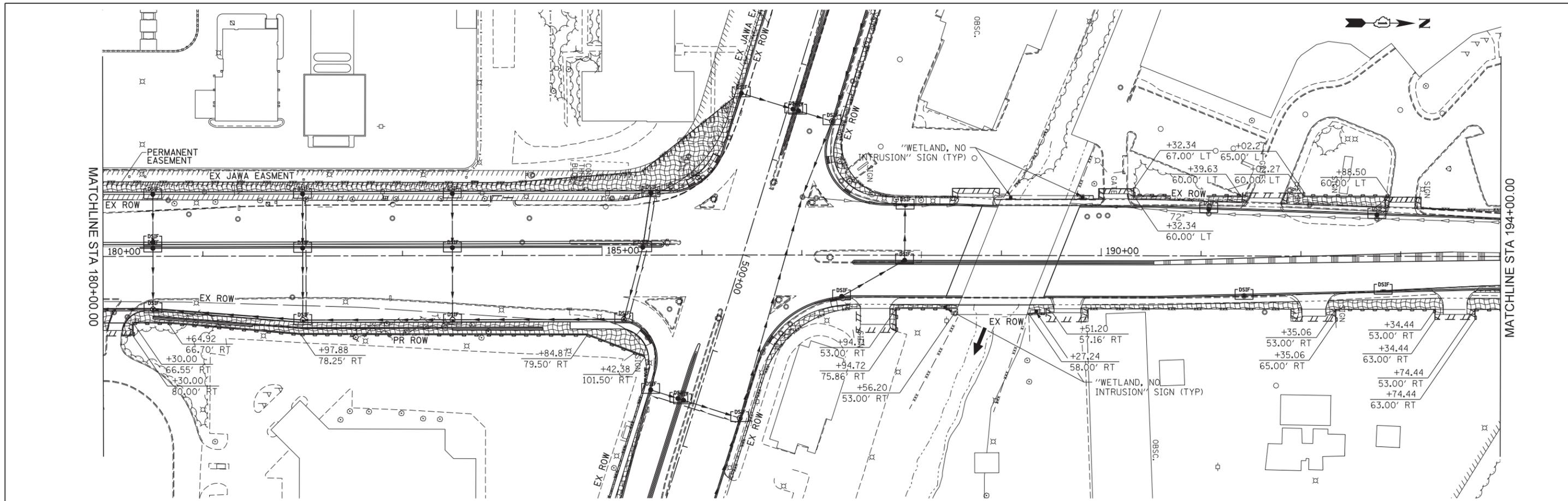
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**EROSION AND SEDIMENT CONTROL PLAN
MANNHEIM ROAD**

SCALE: 1" = 50' SHEET NO. 4 OF 6 SHEETS STA. 152+00.00 TO STA. 180+00.00

F.A.P. RTE. 330	SECTION 0105-WRS	COUNTY COOK	TOTAL SHEETS 537	SHEET NO. 175
				CONTRACT NO. 60P35
ILLINOIS FED. AID PROJECT				

FILE NAME = IP_PWP\dms47849\DJ160P35-shr-eros.03.dgn



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- DRAINAGE STRUCTURE INLET FILTER
- TEMPORARY DITCH CHECK
- TEMPORARY SEEDING AND EROSION CONTROL BLANKET
- TEMPORARY SEEDING AND TURF REINFORCEMENT MATTING
- TEMPORARY SEDIMENT BASIN
- TREE TRUNK PROTECTION
- TEMPORARY PIPE SLOPE DRAIN
- ORANGE CONSTRUCTION FENCE
- STORMWATER OUTLET
- RIPRAP
- PROPOSED DITCH
- PROPOSED SWALE
- PROPOSED SUMMIT

ESC-5



USER NAME = mkosir	DESIGNED KJC	REVISED -
	DRAWN KJC	REVISED -
PLOT SCALE = 50:1	CHECKED LVA	REVISED -
PLOT DATE = 09-OCT-2012	DATE 10/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

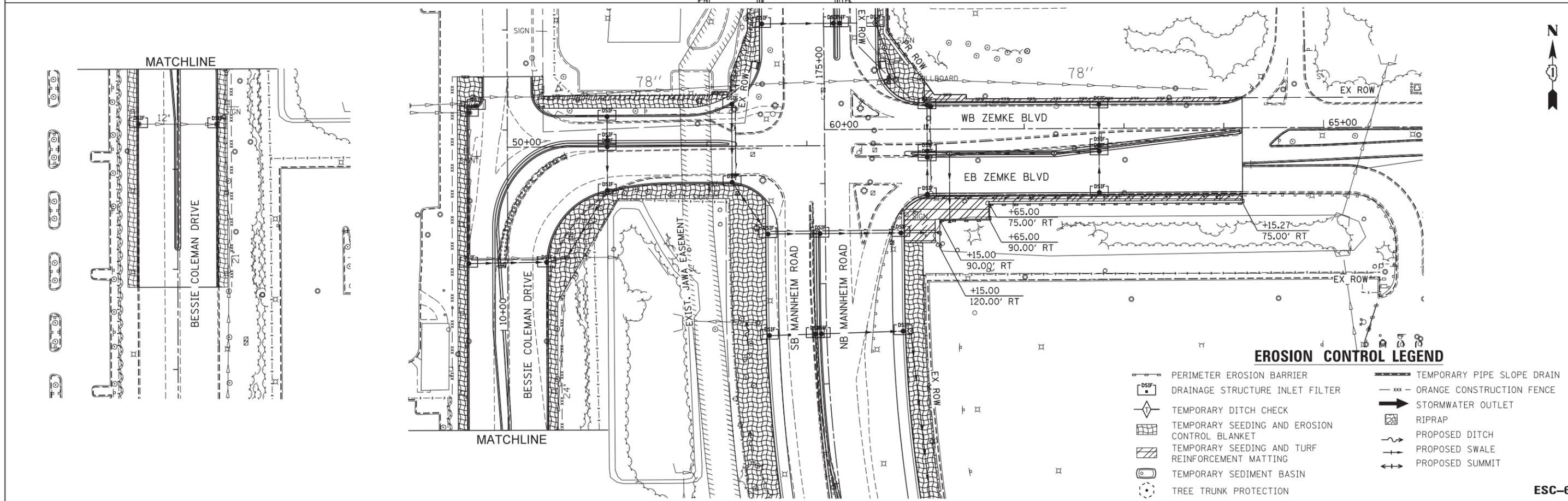
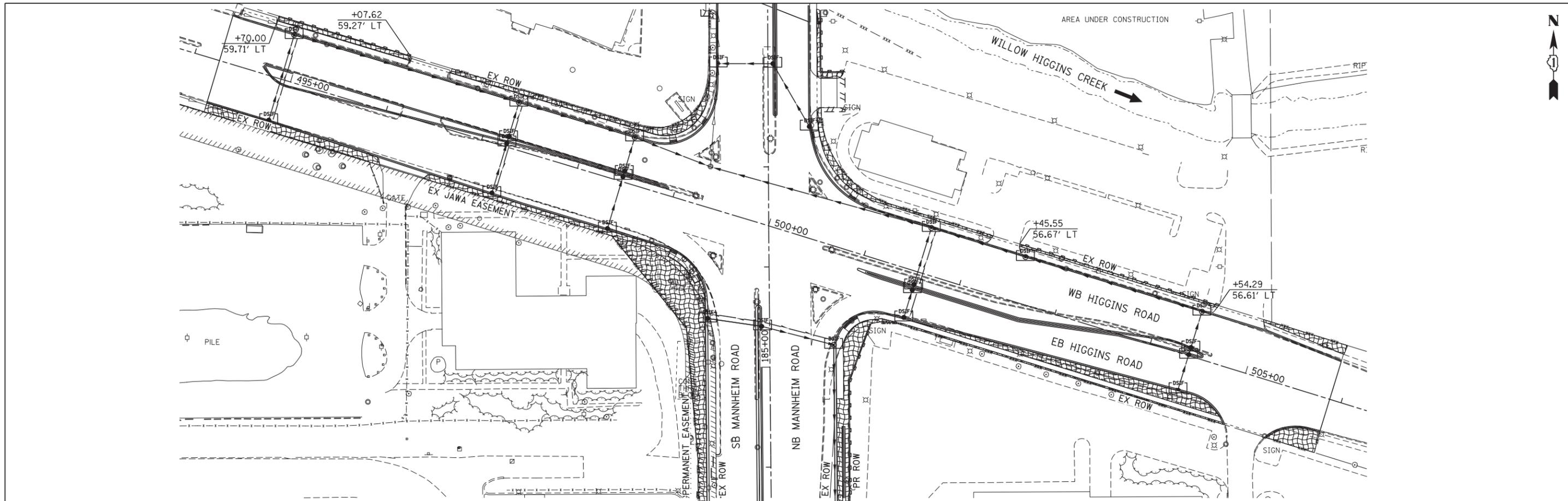
**EROSION AND SEDIMENT CONTROL PLAN
MANNHEIM ROAD**

SCALE: 1" = 50' SHEET NO. 5 OF 6 SHEETS STA. 180+00.00 TO STA. EOP

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	0105-WRS	COOK	537	176
CONTRACT NO. 60P35				

ILLINOIS FED. AID PROJECT

FILE NAME = IP_PWP\dms47849\0160P35-shr-eros.04.dgn



EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- DRAINAGE STRUCTURE INLET FILTER
- TEMPORARY DITCH CHECK
- TEMPORARY SEEDING AND EROSION CONTROL BLANKET
- TEMPORARY SEEDING AND TURF REINFORCEMENT MATTING
- TEMPORARY SEDIMENT BASIN
- TREE TRUNK PROTECTION
- TEMPORARY PIPE SLOPE DRAIN
- ORANGE CONSTRUCTION FENCE
- STORMWATER OUTLET
- RIPRAP
- PROPOSED DITCH
- PROPOSED SWALE
- PROPOSED SUMMIT



USER NAME = micosir	DESIGNED KJC	REVISED -
	DRAWN KJC	REVISED -
PLOT SCALE = 50:1	CHECKED LVA	REVISED -
PLOT DATE = 09-OCT-2012	DATE 10/19/2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION AND SEDIMENT CONTROL PLAN
HIGGINS ROAD AND ZEMKE BOULEVARD**

SCALE: 1" = 50' SHEET NO. 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE. 330	SECTION 0105-WRS	COUNTY COOK	TOTAL SHEETS 537	SHEET NO. 177
				CONTRACT NO. 60P35
ILLINOIS FED. AID PROJECT				

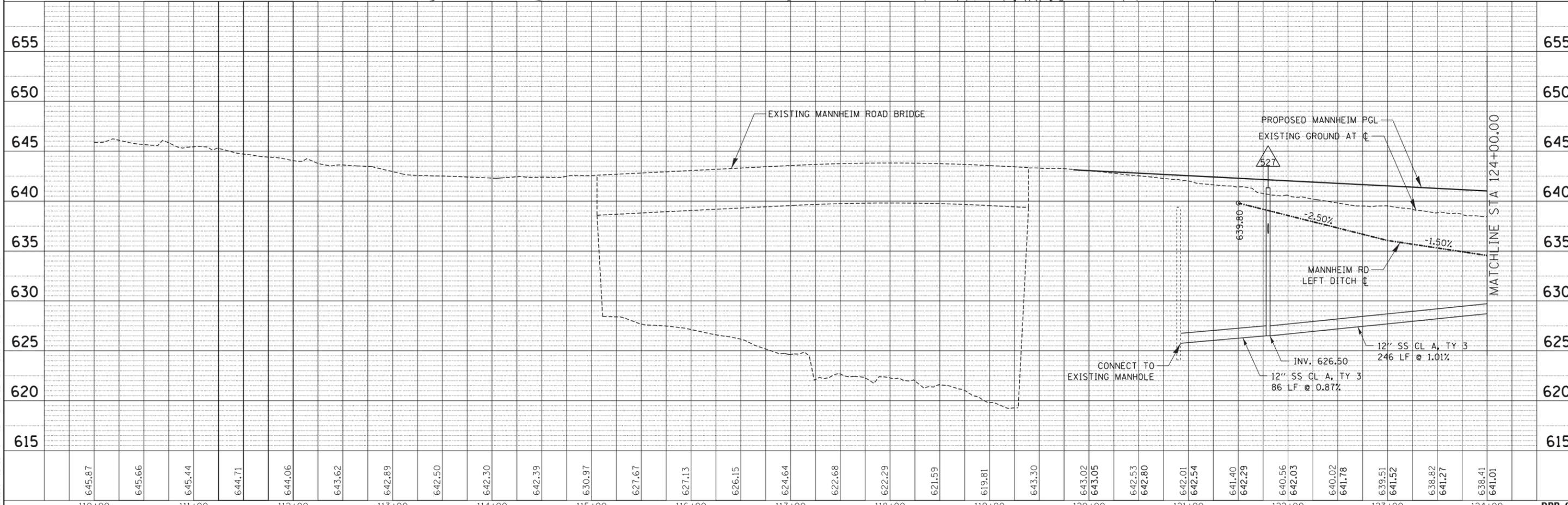
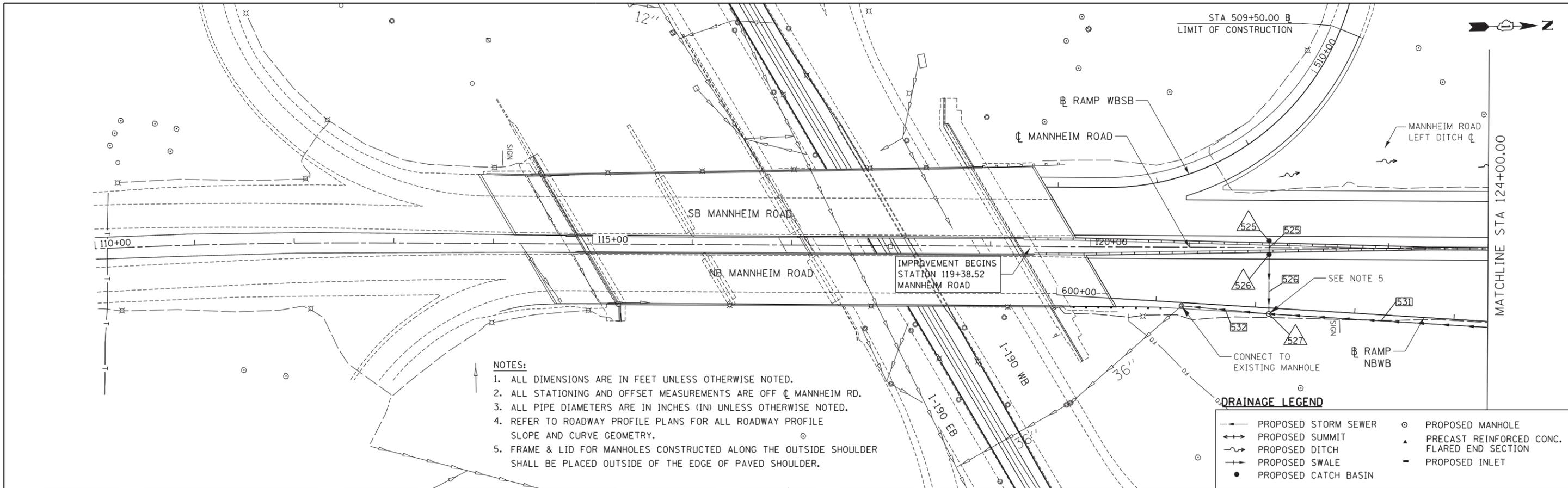
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ESC-6

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	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	STRUCTURE	
	NOTATIONS	
	CHD	
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FILE NAME =	USER NAME = *USER*	DESIGNED - TKL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = *SCALE*		CHECKED - MCD	REVISED -		SCALE: HORIZ. 1"=50' VERT. 1"=5'		STA. BOP	TO STA. 124+00.00		CONTRACT NO. 60P35	
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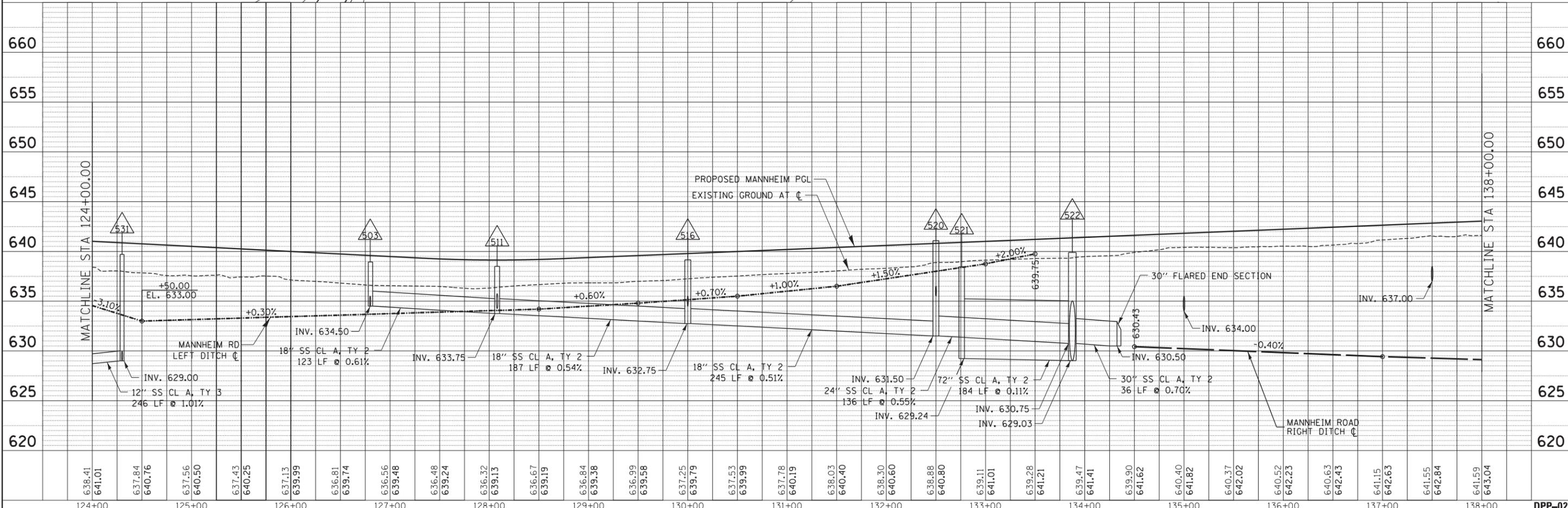
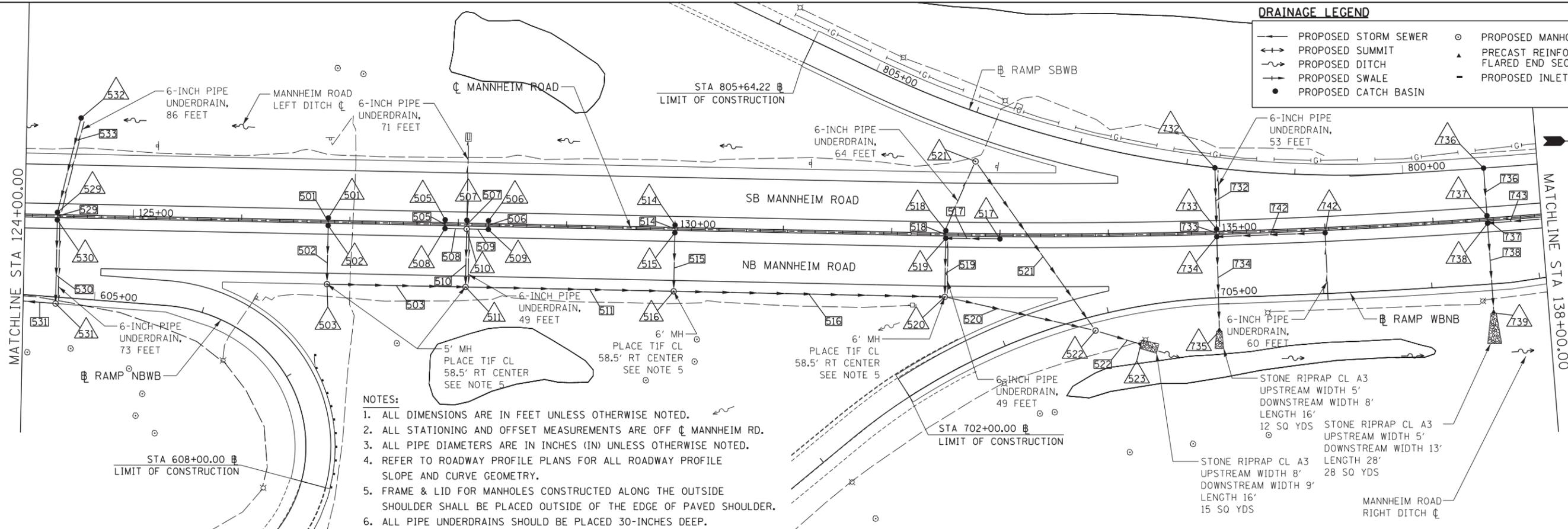
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	PLOTTED	BY
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PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	GRADES	
	STRUCTURE	
	NOTATIONS	
	CHD	
	NO.	

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DRAINAGE LEGEND

- PROPOSED STORM SEWER
- PROPOSED SUMMIT
- PROPOSED DITCH
- PROPOSED SWALE
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- ▲ PRECAST REINFORCED CONC. FLARED END SECTION
- PROPOSED INLET



FILE NAME =	USER NAME = *USER*	DESIGNED - TKL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE MANNHEIM ROAD PLAN AND PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE.L		DRAWN - KC	REVISED -		0105-WRS	COOK	537	179			
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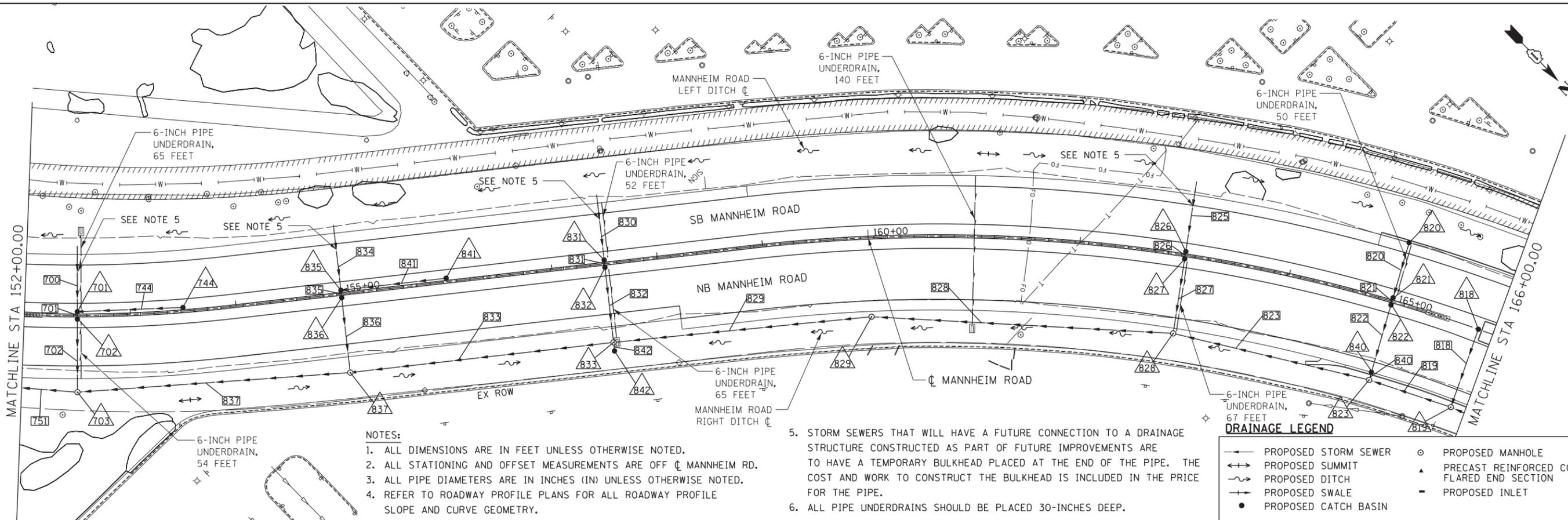
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DPP-02

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	NOTED	
	CHECKED	
	ALLOWED	
	FILED	
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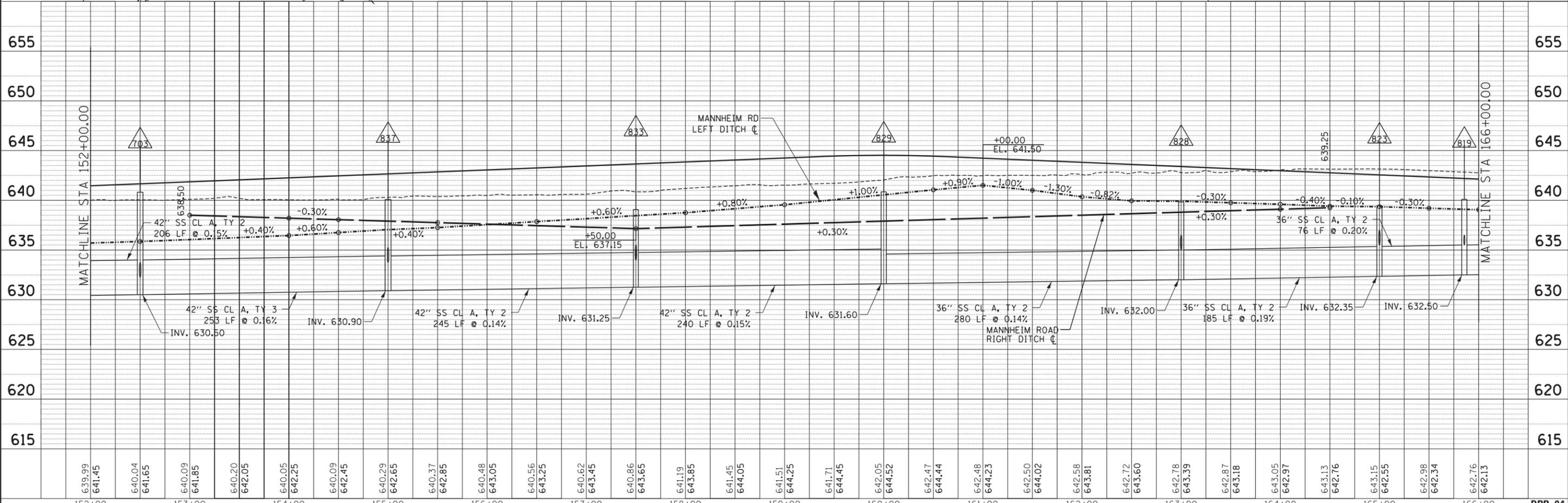
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- NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 2. ALL STATIONING AND OFFSET MEASUREMENTS ARE OFF \bar{C} MANNHEIM RD.
 3. ALL PIPE DIAMETERS ARE IN INCHES (IN) UNLESS OTHERWISE NOTED.
 4. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.
 5. STORM SEWERS THAT WILL HAVE A FUTURE CONNECTION TO A DRAINAGE STRUCTURE CONSTRUCTED AS PART OF FUTURE IMPROVEMENTS ARE TO HAVE A TEMPORARY BULKHEAD PLACED AT THE END OF THE PIPE. THE COST AND WORK TO CONSTRUCT THE BULKHEAD IS INCLUDED IN THE PRICE FOR THE PIPE.
 6. ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP.

DRAINAGE LEGEND

	PROPOSED STORM SEWER		PROPOSED MANHOLE
	PROPOSED SUMMIT		PRECAST REINFORCED CONC. FLARED END SECTION
	PROPOSED DITCH		PROPOSED INLET
	PROPOSED SWALE		
	PROPOSED CATCH BASIN		



FILE NAME =	USER NAME = *USER*	DESIGNED - TKL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE MANNHEIM ROAD PLAN AND PROFILE	F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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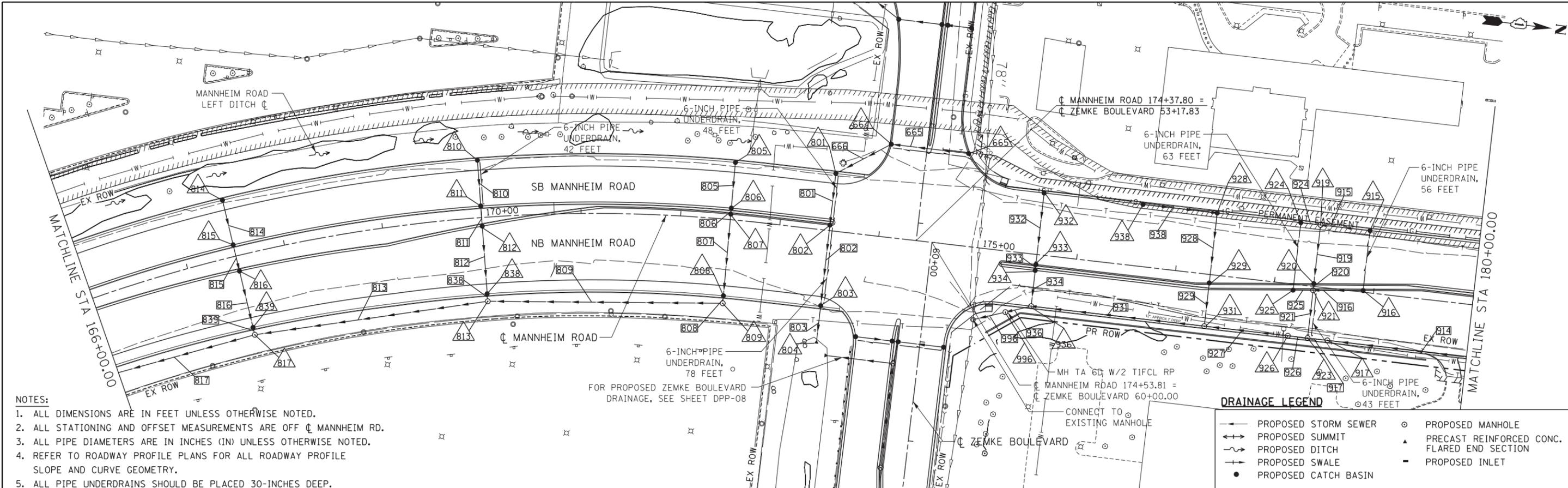
TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

SCALE: HORIZ. 1"=50' VERT. 1"=5'
 STA. 152+00.00 TO STA. 166+00.00
 DPP-04

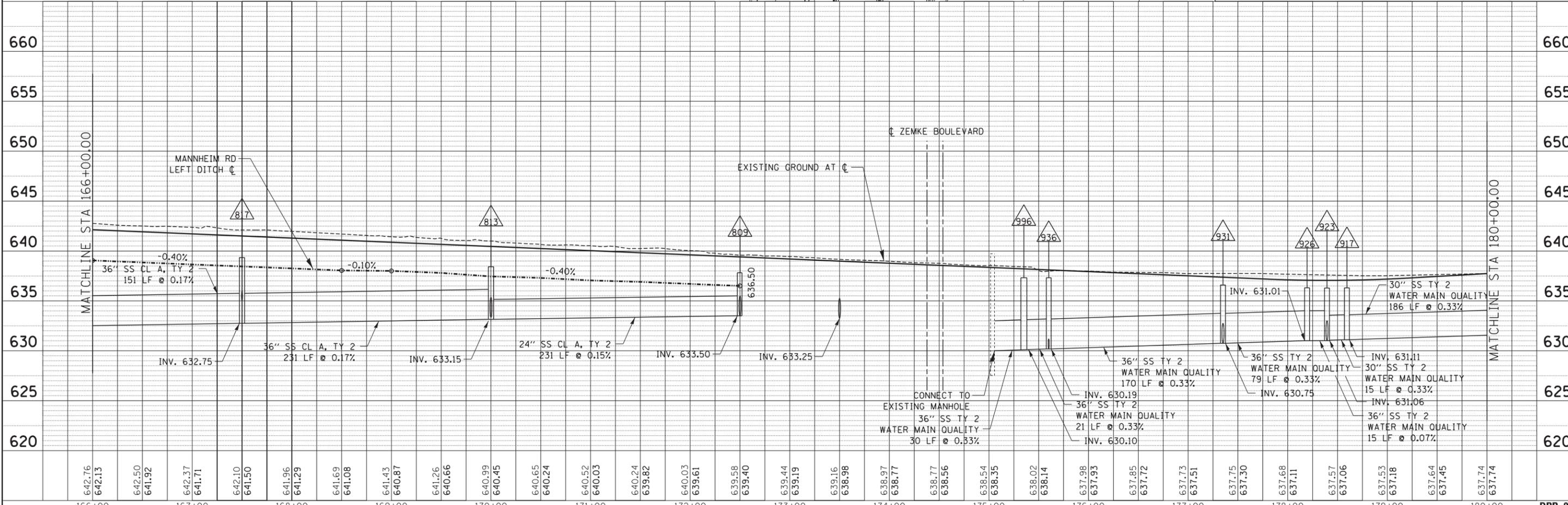
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- NOTES:
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 2. ALL STATIONING AND OFFSET MEASUREMENTS ARE OFF C MANNHEIM RD.
 3. ALL PIPE DIAMETERS ARE IN INCHES (IN) UNLESS OTHERWISE NOTED.
 4. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.
 5. ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP.

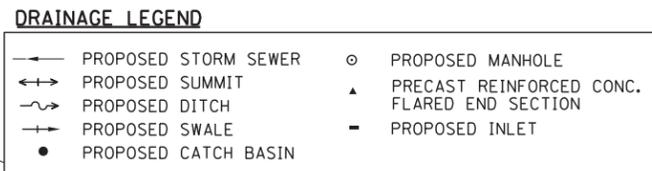
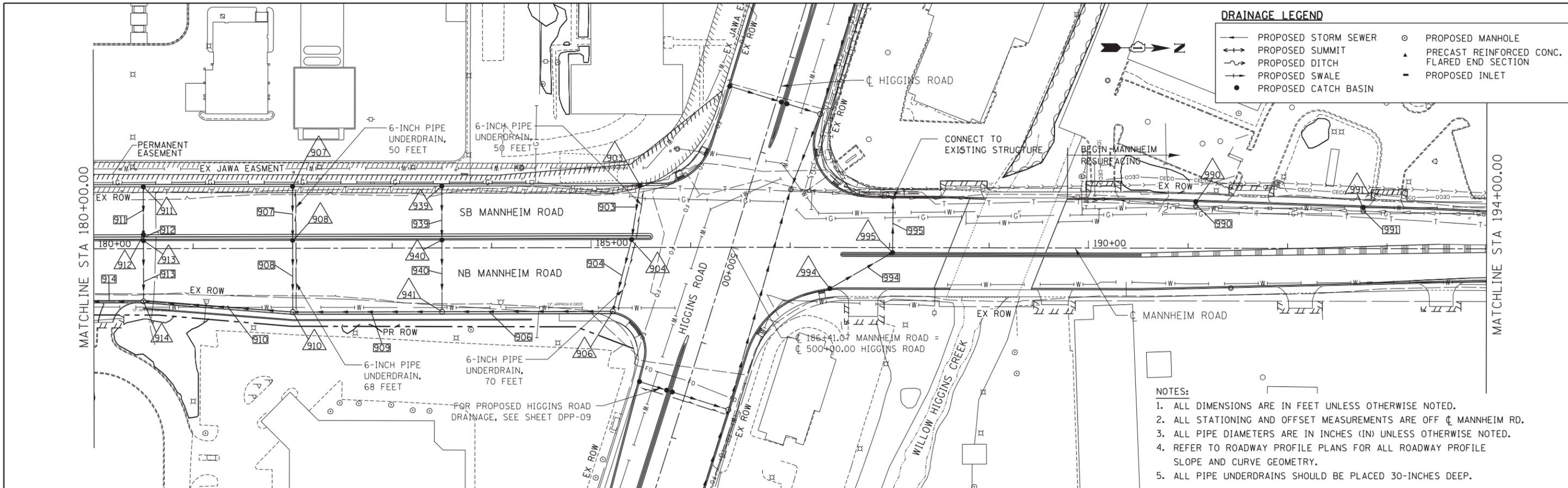


FILE NAME =	USER NAME = *USER*	DESIGNED - TKL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE MANNHEIM ROAD PLAN AND PROFILE		F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILEL# =		DRAWN - KC	REVISED -		SCALE: HORIZ. 1"=50'	VERT. 1"=5'	STA. 166+00.00	TO STA. 180+00.00	0105-WRS	COOK	537	182
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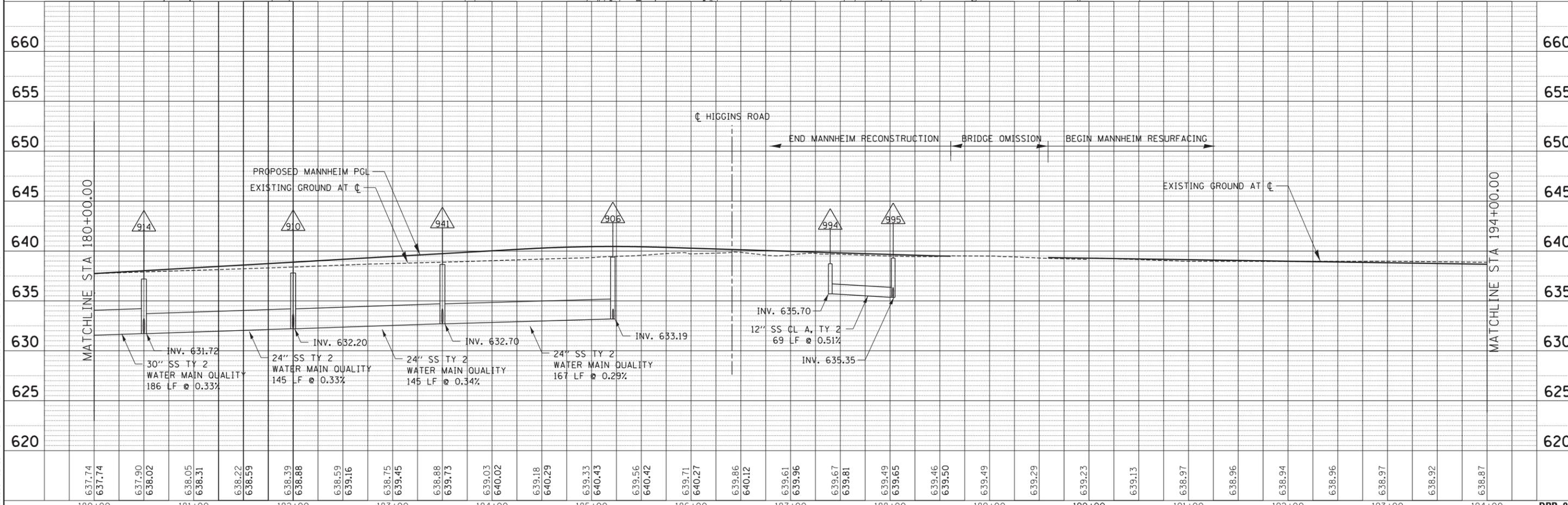
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PROFILE	SURVEYED	DATE
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- NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 2. ALL STATIONING AND OFFSET MEASUREMENTS ARE OFF ϕ MANNHEIM RD.
 3. ALL PIPE DIAMETERS ARE IN INCHES (IN) UNLESS OTHERWISE NOTED.
 4. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.
 5. ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP.



FILE NAME =	USER NAME = *USER*	DESIGNED - TKL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE MANNHEIM ROAD PLAN AND PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL#		DRAWN - KC	REVISED -		0105-WRS	COOK	537	183			
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PLOT DATE = *DATE*		DATE - 10/19/12	REVISED -		ILLINOIS FED. AID PROJECT						

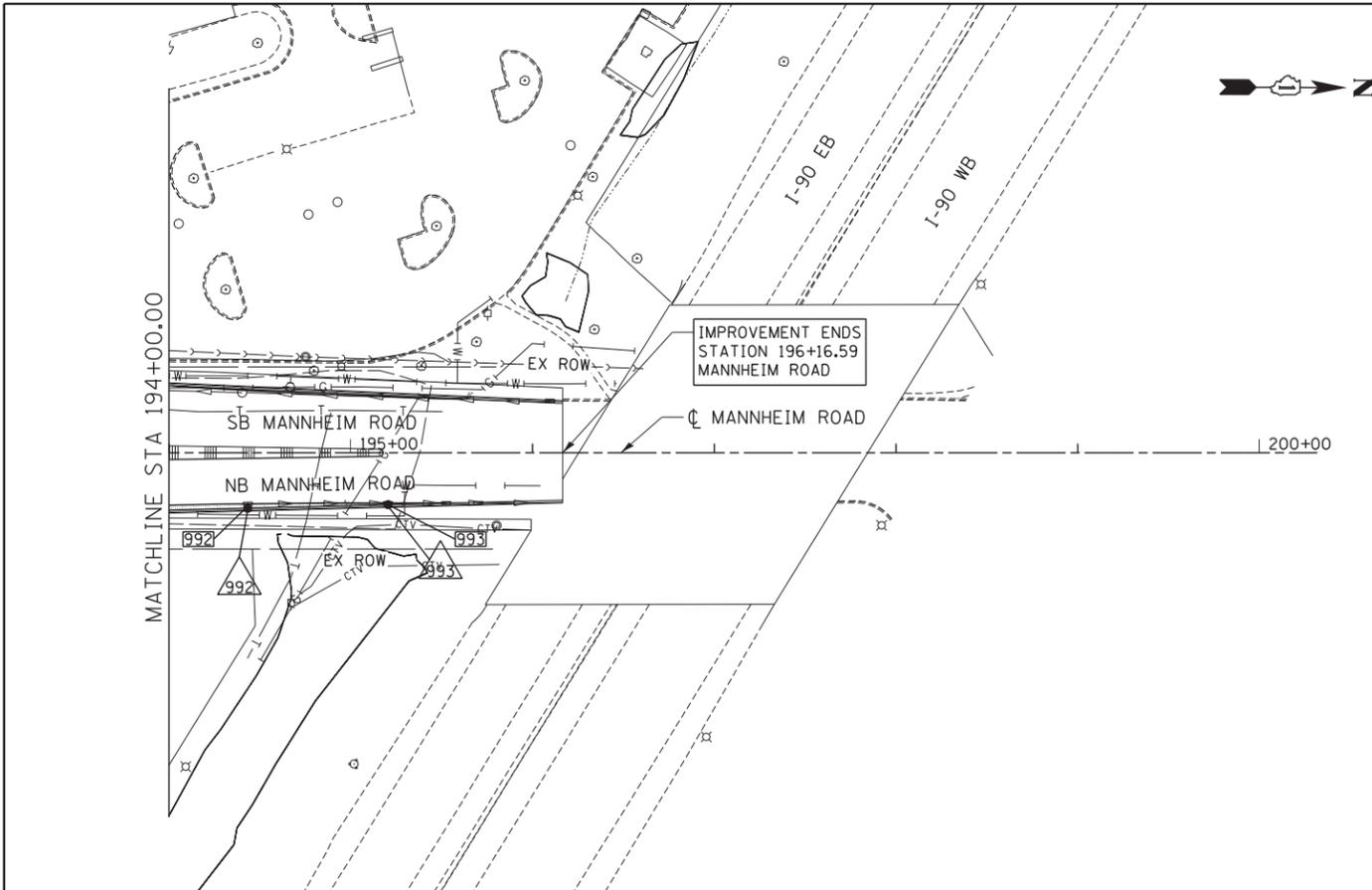
SCALE: HORIZ. 1"=50' VERT. 1"=5'

STA. 180+00.00 TO STA. 194+00.00

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNMENT		
	FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
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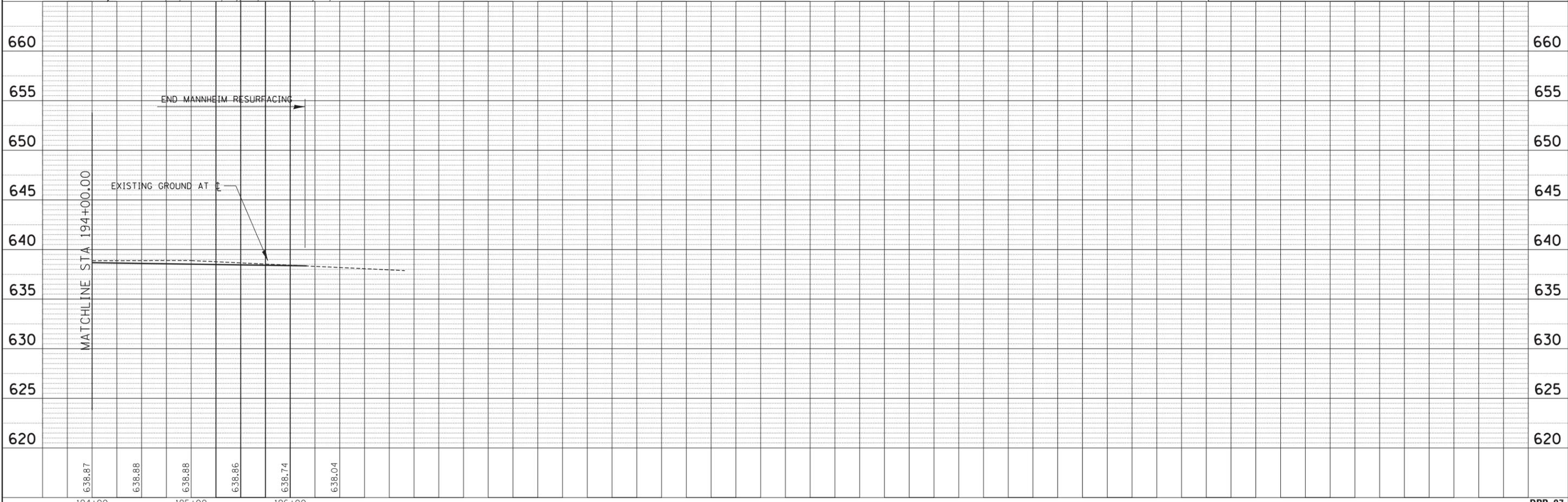
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- NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 2. ALL STATIONING AND OFFSET MEASUREMENTS ARE OFF ϕ MANNHEIM RD.
 3. ALL PIPE DIAMETERS ARE IN INCHES (IN) UNLESS OTHERWISE NOTED.
 4. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.

DRAINAGE LEGEND

—	PROPOSED STORM SEWER	○	PROPOSED MANHOLE
↔	PROPOSED SUMMIT	▲	PRECAST REINFORCED CONC. FLARED END SECTION
- - -	PROPOSED DITCH	-	PROPOSED INLET
—	PROPOSED SWALE		
●	PROPOSED CATCH BASIN		



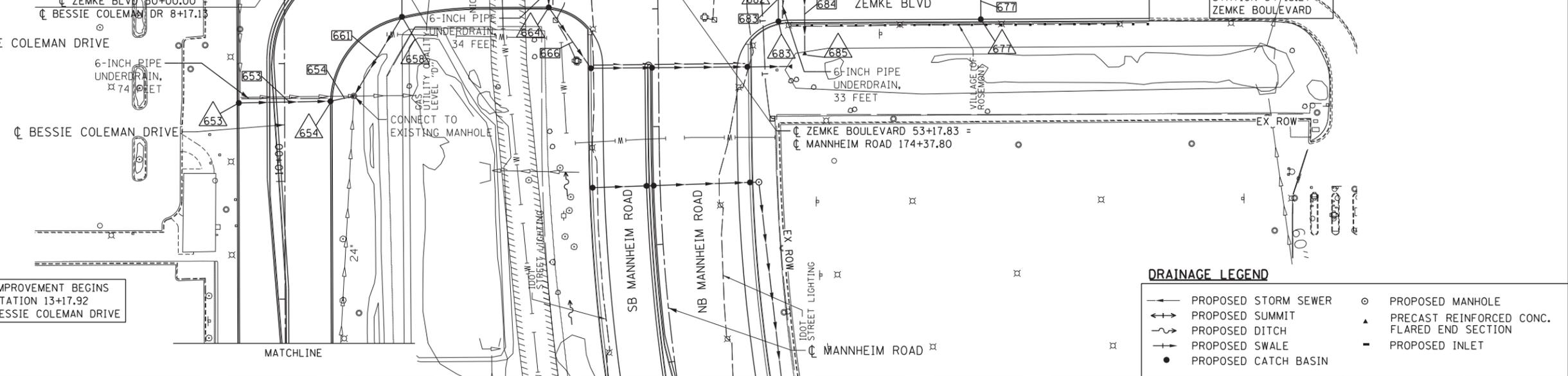
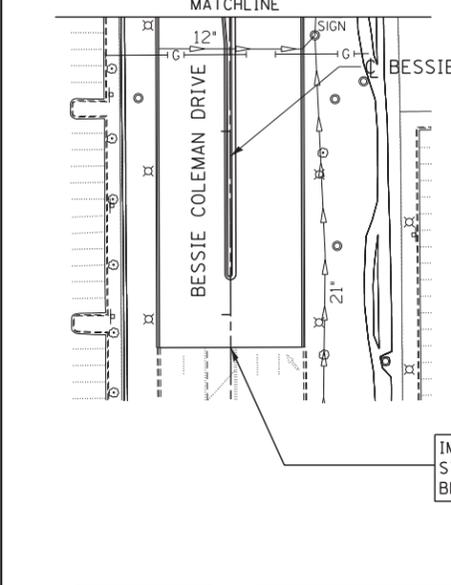
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FILEL		DRAWN - KC	REVISED -					0105-WRS	COOK	537	184
		CHECKED - MCD	REVISED -		CONTRACT NO. 60P35						
		DATE - 10/19/12	REVISED -		SCALE: HORIZ. 1"=50' VERT. 1"=5'		STA. 194+00.00 TO STA. EOP		ILLINOIS FED. AID PROJECT		

DPP-07

- NOTES:
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 2. ALL STATIONING AND OFFSET MEASUREMENTS ARE OFF C MANNHEIM RD.
 3. ALL PIPE DIAMETERS ARE IN INCHES (IN) UNLESS OTHERWISE NOTED.
 4. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.
 5. PROPOSED MANHOLES ON ZEMKE BLVD AND BESSIE COLEMAN DR SHALL BE CONSTRUCTED IN ACCORDANCE WITH DISTRICT DETAIL BD-47, CITY OF CHICAGO CATCH BASIN, INLET AND MANHOLE DETAILS.
 6. ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP.

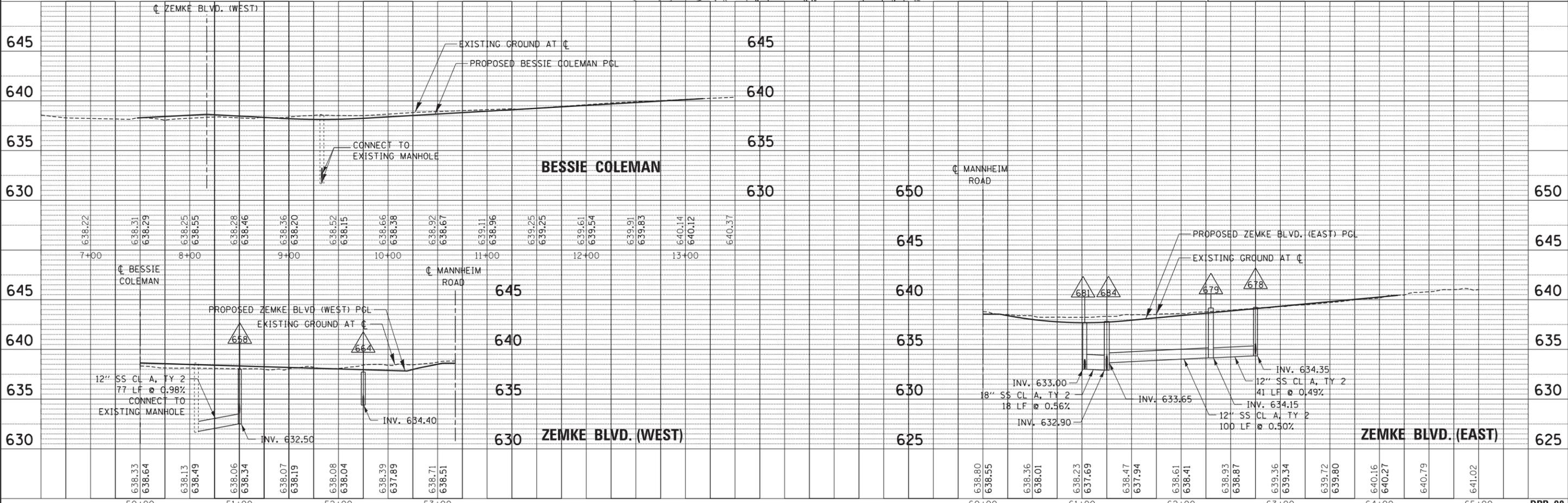
PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	
	CHECKED	
	BY _____	
	DATE _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	
	CHECKED	
	BY _____	
	DATE _____	



DRAINAGE LEGEND

	PROPOSED STORM SEWER		PROPOSED MANHOLE
	PROPOSED SUMMIT		PRECAST REINFORCED CONC. FLARED END SECTION
	PROPOSED DITCH		PROPOSED SWALE
	PROPOSED CATCH BASIN		PROPOSED INLET



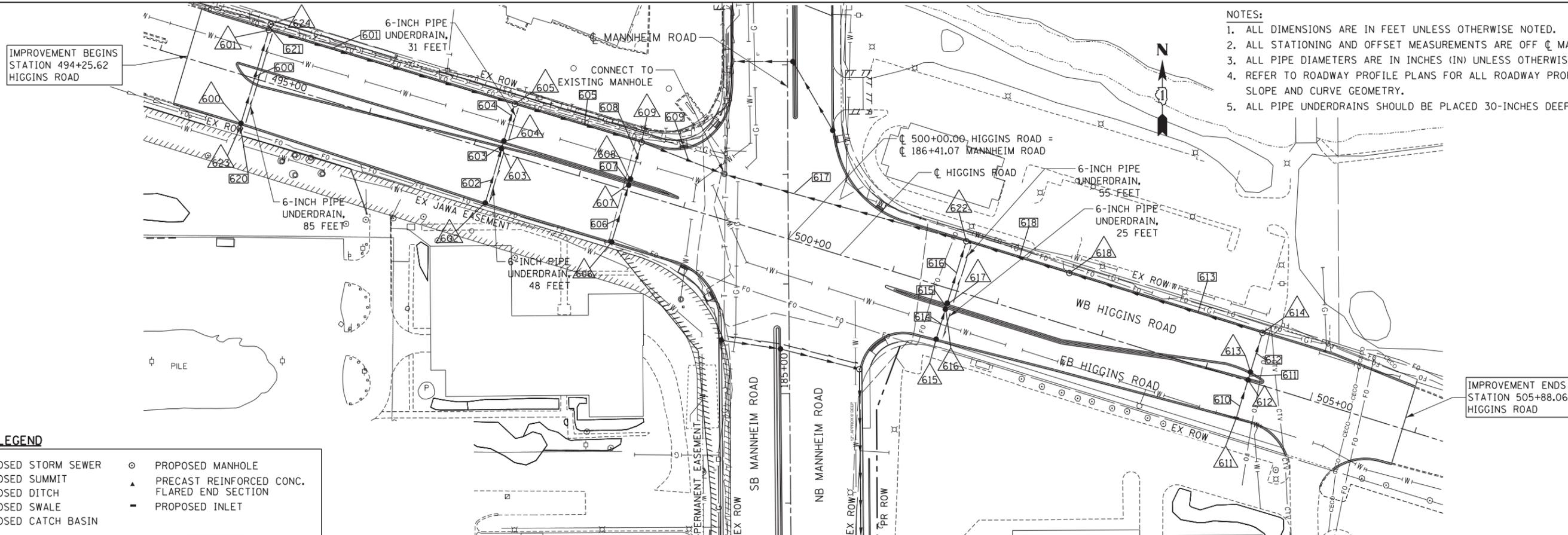
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FILE.L		DRAWN - KC	REVISED -		0105-WRS	COOK	537	185	
PLOT SCALE = *SCALE*		CHECKED - MCD	REVISED -		CONTRACT NO. 60P35				
PLOT DATE = *DATE*		DATE - 10/19/12	REVISED -		ILLINOIS FED. AID PROJECT				

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PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	
	NOTE BOOK NO. _____	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	
	NOTE BOOK NO. _____	
	CADD FILE NAME	

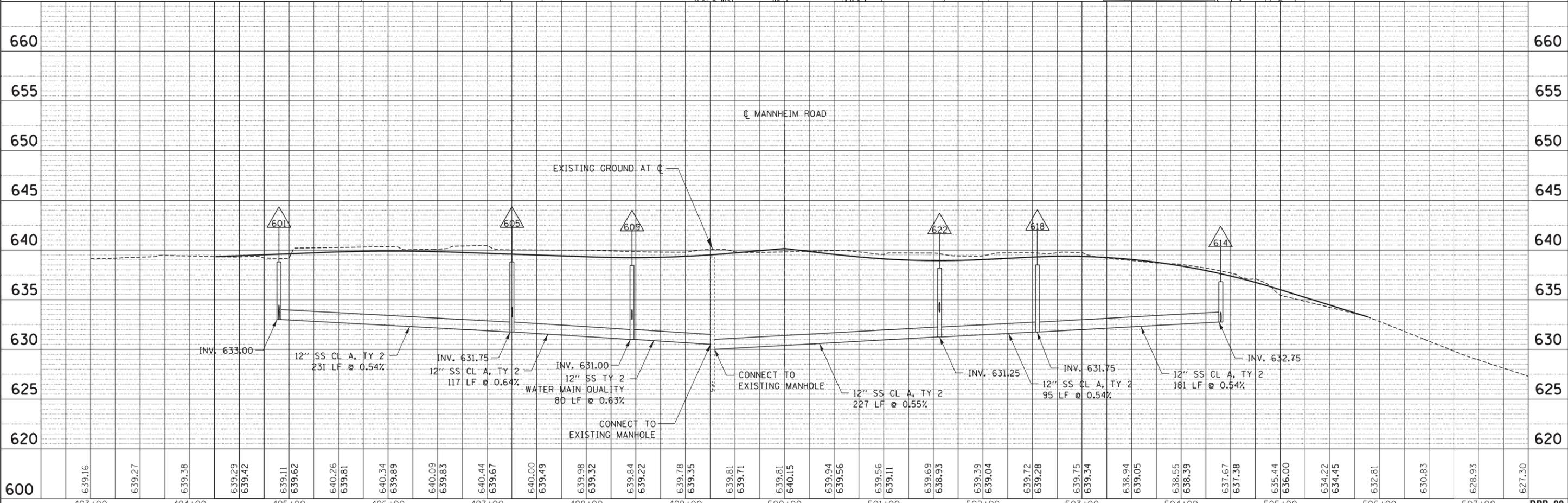
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- NOTES:**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
 2. ALL STATIONING AND OFFSET MEASUREMENTS ARE OFF \bar{C} MANNHEIM RD.
 3. ALL PIPE DIAMETERS ARE IN INCHES (IN) UNLESS OTHERWISE NOTED.
 4. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY.
 5. ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP.

DRAINAGE LEGEND

- PROPOSED STORM SEWER
- PROPOSED SUMMIT
- PROPOSED DITCH
- PROPOSED SWALE
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- ▲ PRECAST REINFORCED CONC. FLARED END SECTION
- PROPOSED INLET



FILE NAME =	USER NAME = *USER*	DESIGNED - TKL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED DRAINAGE HIGGINS ROAD PLAN AND PROFILE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE.L		DRAWN - KC	REVISED -					0105-WRS	COOK	537	186
PLOT SCALE = *SCALE*		CHECKED - MCD	REVISED -						CONTRACT NO. 60P35		
PLOT DATE = *DATE*		DATE - 10/19/12	REVISED -				SCALE: HORIZ. 1"=50'	VERT. 1"=5'	STA.	TO STA.	

DRAINAGE STRUCTURE DATA

Structure No.	Description	Station	Offset FT	Dir.	Proposed RIM Elev.	North	South	East	West	Pipe ID - Pipe SIZE North	Pipe ID - Pipe SIZE South	Pipe ID - Pipe SIZE East	Pipe ID - Pipe SIZE West	Sheet No.	Inlet Filter	Underdrain Connection	Str. Top
501	CB TA 4 DIA T24F&G	126+80	3.5	LT	639.26	--	--	635.00	--	--	--	501 - DIA 12"	--	DPP-02	YES	--	FLAT
502	CB TA 4 DIA T24F&G	126+80	3.5	RT	639.26	--	--	634.95	634.95	--	--	502 - DIA 12"	501 - DIA 12"	DPP-02	YES	--	FLAT
503	MAN TA 5 DIA T1F CL	126+80	57.5	RT	638.94	634.50	--	--	634.50	503 - DIA 18"	--	--	502 - DIA 12"	DPP-02	--	--	FLAT
505	CB TA 4 DIA T24F&G	127+88	4.0	LT	638.84	--	--	635.10	--	--	--	505 - DIA 12"	--	DPP-02	YES	--	FLAT
506	CB TA 4 DIA T24F&G	128+28	4.0	LT	638.84	--	--	635.10	--	--	--	506 - DIA 12"	--	DPP-02	YES	--	FLAT
507	CB TA 4 DIA T24F&G	128+08	4.0	LT	638.83	--	--	635.10	--	--	--	507 - DIA 12"	--	DPP-02	YES	YES	FLAT
508	CB TA 4 DIA T24F&G	127+88	4.0	RT	638.84	635.00	--	--	635.00	508 - DIA 12"	--	--	505 - DIA 12"	DPP-02	YES	--	FLAT
509	CB TA 4 DIA T24F&G	128+28	4.0	RT	638.84	--	635.00	--	635.00	--	509 - DIA 12"	--	506 - DIA 12"	DPP-02	YES	--	FLAT
510	MAN TA 4 DIA T1F CL	128+08	4.0	RT	638.83	634.65	634.65	634.65	635.00	509 - DIA 12"	508 - DIA 12"	510 - DIA 18"	507 - DIA 12"	DPP-02	--	YES	FLAT
511	MAN TA 5 DIA T1F CL	128+08	57.5	RT	638.49	633.75	633.75	--	634.25	511 - DIA 18"	503 - DIA 18"	--	510 - DIA 18"	DPP-02	--	YES	FLAT
514	CB TA 4 DIA T24F&G	130+00	3.5	LT	639.47	--	--	635.00	--	--	--	514 - DIA 12"	--	DPP-02	YES	--	FLAT
515	CB TA 4 DIA T24F&G	130+00	3.5	RT	639.47	--	--	634.95	634.95	--	--	515 - DIA 12"	514 - DIA 12"	DPP-02	YES	--	FLAT
516	MAN TA 6 DIA T1F CL	130+00	57.5	RT	639.15	632.75	632.75	--	634.50	516 - DIA 18"	511 - DIA 18"	--	515 - DIA 12"	DPP-02	--	--	FLAT
517	CB TA 4 DIA T24F&G	133+00	3.5	RT	640.69	--	636.25	--	--	--	517 - DIA 12"	--	--	DPP-02	YES	--	FLAT
518	CB TA 4 DIA T24F&G	132+50	3.5	LT	640.48	--	--	636.00	--	--	--	518 - DIA 12"	--	DPP-02	YES	YES	FLAT
519	CB TA 4 DIA T24F&G	132+50	3.5	RT	640.48	635.95	--	635.95	635.95	517 - DIA 12"	--	--	518 - DIA 12"	DPP-02	YES	YES	FLAT
520	MAN TA 6 DIA T1F CL	132+50	57.5	RT	641.08	631.50	631.50	--	635.50	520 - DIA 24"	516 - DIA 18"	--	519 - DIA 12"	DPP-02	--	YES	FLAT
521	MAN TA 7 DIA T1F CL	132+77	67.7	LT	638.45	--	--	629.24	--	--	--	521 - DIA 72"	--	DPP-02	--	YES	TAPERED
522	MAN TA 8 DIA T1F CL	133+88	88.0	RT	639.90	630.75	630.75	--	629.03	522 - DIA 30"	520 - DIA 24"	--	521 - DIA 72"	DPP-02	--	--	TAPERED
523	PRC FLAR END SEC 30	134+25	100.0	RT	--	--	630.50	--	--	--	522 - DIA 30"	--	--	DPP-02	--	--	--
525	CB TA 4 DIA T24F&G	121+80	6.9	LT	641.95	--	--	637.50	--	--	--	525 - DIA 12"	--	DPP-01	YES	--	FLAT
526	CB TA 4 DIA T24F&G	121+80	6.9	RT	641.95	--	--	637.40	637.40	--	--	526 - DIA 12"	525 - DIA 12"	DPP-01	YES	--	FLAT
527	MAN TA 4 DIA T1F CL	121+80	66.5	RT	641.33	626.50	626.50	--	636.75	531 - DIA 12"	532 - DIA 12"	--	526 - DIA 12"	DPP-01	--	--	FLAT
529	CB TA 4 DIA T24F&G	124+30	3.5	LT	640.54	--	--	629.75	629.75	--	--	529 - DIA 12"	533 - DIA 12"	DPP-02	YES	YES	TAPERED
530	CB TA 4 DIA T24F&G	124+30	3.5	RT	640.54	--	--	629.70	629.70	--	--	530 - DIA 12"	529 - DIA 12"	DPP-02	YES	YES	TAPERED
531	MAN TA 4 DIA T1F OL	124+30	80.6	RT	639.70	--	629.00	--	629.00	--	531 - DIA 12"	--	530 - DIA 12"	DPP-02	--	YES	TAPERED
532	CB TA 4 DIA T8G	124+50	90.8	LT	633.00	625.75	--	630.50	--	532 - DIA 12"	--	533 - DIA 12"	--	DPP-02	YES	YES	FLAT
600	CB TA 4 DIA T24F&G	494+90	42.8	RT	638.78	633.70	633.70	--	--	600 - DIA 12"	620 - DIA 12"	--	--	DPP-09	YES	--	TAPERED
601	MAN TA 4 DIA T1F OL	494+90	46.0	LT	638.80	633.45	633.00	633.00	--	621 - DIA 12"	600 - DIA 12"	601 - DIA 12"	--	DPP-09	--	--	TAPERED
602	CB TA 4 DIA T24F&G	497+25	48.2	RT	638.86	634.25	--	--	--	602 - DIA 12"	--	--	--	DPP-09	YES	--	FLAT
603	CB TA 4 DIA T11F&G	497+25	3.5	LT	639.63	633.75	633.75	--	--	603 - DIA 12"	602 - DIA 12"	--	--	DPP-09	YES	--	TAPERED
604	CB TA 4 DIA T11F&G	497+25	11.0	LT	639.58	633.70	633.70	--	--	604 - DIA 12"	603 - DIA 12"	--	--	DPP-09	YES	--	TAPERED
605	MAN TA 4 DIA T1F OL	497+25	46.0	LT	638.80	--	633.25	631.75	631.75	--	604 - DIA 12"	605 - DIA 12"	601 - DIA 12"	DPP-09	--	--	TAPERED
606	CB TA 4 DIA T24F&G	498+46	49.0	RT	638.44	634.00	--	--	--	606 - DIA 12"	--	--	--	DPP-09	YES	--	FLAT
607	CB TA 4 DIA T11F&G	498+46	5.0	LT	639.22	633.45	633.50	--	--	607 - DIA 12"	606 - DIA 12"	--	--	DPP-09	YES	--	TAPERED
608	CB TA 4 DIA T11F&G	498+46	11.0	LT	639.22	633.45	633.45	--	--	608 - DIA 12"	607 - DIA 12"	--	--	DPP-09	YES	--	TAPERED
609	MAN TA 4 DIA T1F OL	498+46	46.0	LT	638.44	--	633.00	631.00	631.00	--	608 - DIA 12"	609 - DIA 12"	605 - DIA 12"	DPP-09	--	--	TAPERED
611	INLETS TA T11F&G	504+40	35.1	RT	637.11	633.50	--	--	--	610 - DIA 12"	--	--	--	DPP-09	YES	--	--
612	CB TA 4 DIA T11F&G	504+40	1.1	LT	637.67	633.25	633.25	--	--	611 - DIA 12"	610 - DIA 12"	--	--	DPP-09	YES	--	FLAT
613	CB TA 4 DIA T11F&G	504+40	8.5	LT	637.60	633.20	633.20	--	--	612 - DIA 12"	611 - DIA 12"	--	--	DPP-09	YES	--	FLAT
614	MAN TA 4 DIA T1F OL	504+40	46.0	LT	636.80	--	632.75	--	632.75	--	612 - DIA 12"	--	613 - DIA 12"	DPP-09	--	--	FLAT
615	CB TA 4 DIA T11F&G	501+56	47.6	RT	638.34	634.50	--	--	--	614 - DIA 12"	--	--	--	DPP-09	YES	--	FLAT
616	CB TA 4 DIA T11F&G	501+56	19.0	RT	638.93	634.25	634.25	--	--	615 - DIA 12"	614 - DIA 12"	--	--	DPP-09	YES	--	FLAT
617	CB TA 4 DIA T11F&G	501+56	13.0	RT	638.93	634.20	634.20	--	--	616 - DIA 12"	615 - DIA 12"	--	--	DPP-09	YES	--	FLAT
618	MAN TA 4 DIA T1F OL	502+55	46.0	LT	638.50	--	--	631.75	631.75	--	--	613 - DIA 12"	618 - DIA 12"	DPP-09	--	--	TAPERED
622	MAN TA 4 DIA T1F OL	501+56	46.0	LT	638.17	--	633.75	631.25	631.25	--	616 - DIA 12"	618 - DIA 12"	617 - DIA 12"	DPP-09	--	--	FLAT
623	MAN TA 4 DIA T1F CL	494+90	47.5	RT	638.80	633.75	--	--	--	620 - DIA 12"	--	--	--	DPP-09	--	--	TAPERED
624	MAN TA 4 DIA T1F CL	494+90	51.7	LT	638.80	--	633.50	--	--	--	621 - DIA 12"	--	--	DPP-09	--	--	TAPERED
653	CB TA 4 DIA T11F&G	9+33	39.0	RT	637.66	633.25	--	--	--	653 - DIA 12"	--	--	--	DPP-08	YES	YES	FLAT
654	CB TA 4 DIA T11F&G	9+33	39.0	LT	637.12	--	632.50	632.50	--	--	653 - DIA 12"	654 - DIA 12"	--	DPP-08	YES	YES	FLAT
657	CB TA 4 DIA T11F&G	51+00	30.0	LT	637.55	--	--	634.25	--	--	--	657 - DIA 12"	--	DPP-08	YES	--	FLAT
658	CB TA 4 DIA T11F&G	51+00	43.6	RT	637.70	633.50	632.50	--	--	658 - DIA 12"	661 - DIA 12"	--	--	DPP-08	YES	--	FLAT
659	CB TA 4 DIA T11F&G	51+00	0.0	RT	638.04	--	634.00	--	--	--	658 - DIA 12"	660 - DIA 12"	--	DPP-08	YES	--	FLAT
660	CB TA 4 DIA T24F&G	51+00	6.0	LT	638.04	--	--	634.05	--	--	--	657 - DIA 12"	--	DPP-08	YES	--	FLAT
664	CB TA 4 DIA T11F&G	52+25	36.2	RT	637.24	634.40	634.40	--	--	665 - DIA 12"	666 - DIA 12"	--	--	DPP-08	YES	YES	FLAT
665	CB TA 4 DIA T11F&G	52+25	42.0	LT	637.24	--	634.60	--	--	--	665 - DIA 12"	--	--	DPP-08	YES	YES	FLAT
675	CB TA 4 DIA T24F&G	62+75	24.0	LT	638.63	--	634.75	--	--	--	675 - DIA 12"	--	--	DPP-08	YES	--	FLAT
676	CB TA 4 DIA T24F&G	62+75	16.8	RT	639.18	634.65	634.65	--	--	675 - DIA 12"	676 - DIA 12"	--	--	DPP-08	YES	--	FLAT
677	CB TA 4 DIA T24F&G	62+75	64.0	RT	638.63	634.75	--	--	--	677 - DIA 12"	--	--	--	DPP-08	YES	--	FLAT
678	CB TA 4 DIA T24F&G	62+75	22.9	RT	639.24	634.60	634.50	--	634.35	676 - DIA 12"	677 - DIA 12"	--	678 - DIA 12"	DPP-08	YES	--	FLAT
679	MAN TA 5 DIA T1F CL	62+30	24.5	RT	639.16	--	--	634.15	634.15	--	--	678 - DIA 12"	679 - DIA 12"	DPP-08	--	--	FLAT
680	CB TA 4 DIA T24F&G	61+03	24.0	LT	637.24	--	633.25	--	--	--	680 - DIA 12"	--	--	DPP-08	YES	YES	FLAT
681	CB TA 4 DIA T11F&G	61+03	22.0	RT	637.68	633.00	633.00	633.00	--	680 - DIA 12"	682 - DIA 12"	681 - DIA 18"	--	DPP-08	YES	YES	FLAT
682	CB TA 4 DIA T24F&G	61+03	28.0	RT	637.82	633.05	633.05	--	--	682 - DIA 12"	683 - DIA 12"	--	--	DPP-08	YES	YES	FLAT
683	CB TA 4 DIA T24F&G	61+03	65.0	RT	637.13	633.25	--	--	--	683 - DIA 12"	--	--	--	DPP-08	YES	YES	FLAT
684	MAN TA 5 DIA T1F CL	61+25	24.5	RT	637.82	--	632.90	633.65	632.90	--	684 - DIA 18"	679 - DIA 12"	681 - DIA 18"	DPP-08	--	--	FLAT
685	PRC FLAR END SEC 18	61+25	90.0	RT	--	632.50	--	--	--	684 - DIA 18"	--	--	--	DPP-08	--	--	--
701	CB TA 4 DIA T24F&G	152+50	3.5	LT	641.45	633.00	--	--	635.25	701 - DIA 18"	--	--	744 - DIA 18"	DPP-04	YES	YES	TAPERED
702	CB TA 4 DIA T24F&G	152+50	3.5	RT	641.22	632.95	632.95	--	--	702 - DIA 18"	701 - DIA 18"	--	--	DPP-04	YES	YES	TAPERED
703	MAN TA 6 DIA T1F CL	152+50	72.2	RT	640.31	--	632.25	--	630.50	--	702 - DIA 18"	--	837 - DIA 42"	DPP-04	--	--	FLAT
705	CB TA 4 DIA T24F&G	150+50	3.5	LT	640.65	--	--	632.50	--	--	--	705 - DIA 18"	--	DPP-03	YES	--	TAPERED

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TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

FILE NAME =	USER NAME = *USER*	DESIGNED - TKL	REVISED -
FILEL		DRAWN - KC	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - MCD	REVISED -
	PLOT DATE = *DATE*	DATE - 10/19/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE SCHEDULE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	187
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURE DATA

Structure No.	Description	Station	Offset FT	Dir.	Proposed RIM Elev.	North	South	East	West	Pipe ID - Pipe SIZE North	Pipe ID - Pipe SIZE South	Pipe ID - Pipe SIZE East	Pipe ID - Pipe SIZE West	Sheet No.	Inlet Filter	Underdrain Connection	Str. Top
706	CB TA 4 DIA T24F&G	150+50	3.5	RT	640.42	--	--	632.45	632.45	--	--	706 - DIA 18"	705 - DIA 18"	DPP-03	YES	--	TAPERED
707	MAN TA 6 DIA T1F CL	150+50	71.9	RT	639.60	630.20	630.20	--	631.75	751 - DIA 42"	752 - DIA 42"	--	706 - DIA 18"	DPP-03	--	--	TAPERED
711	CB TA 4 DIA T24F&G	149+00	3.5	LT	640.17	--	--	632.00	--	--	--	716 - DIA 18"	--	DPP-03	YES	YES	TAPERED
712	CB TA 4 DIA T24F&G	149+20	3.5	LT	640.18	--	--	636.00	--	--	--	712 - DIA 12"	--	DPP-03	YES	--	FLAT
713	CB TA 4 DIA T24F&G	149+20	3.5	RT	639.96	--	635.95	--	635.95	--	713 - DIA 12"	--	712 - DIA 12"	DPP-03	YES	--	FLAT
714	CB TA 4 DIA T24F&G	148+80	3.5	LT	640.18	--	--	636.00	--	--	--	714 - DIA 12"	--	DPP-03	YES	--	FLAT
715	CB TA 4 DIA T24F&G	148+80	3.5	RT	639.96	635.95	--	--	635.95	715 - DIA 12"	--	--	714 - DIA 12"	DPP-03	YES	--	FLAT
716	MAN TA 5 DIA T1F OL	149+00	3.5	RT	639.95	635.75	635.75	631.95	631.95	713 - DIA 12"	715 - DIA 12"	717 - DIA 24"	716 - DIA 18"	DPP-03	--	YES	FLAT
717	MAN TA 6 DIA T1F CL	149+00	73.5	RT	638.72	630.00	630.00	--	631.25	752 - DIA 42"	753 - DIA 42"	--	717 - DIA 24"	DPP-03	--	--	FLAT
719	CB TA 4 DIA T24F&G	147+50	3.5	LT	640.65	--	--	632.00	--	--	--	719 - DIA 18"	--	DPP-03	YES	--	TAPERED
720	CB TA 4 DIA T24F&G	147+50	3.5	RT	640.42	--	--	631.95	631.95	--	--	720 - DIA 18"	--	DPP-03	YES	--	TAPERED
721	MAN TA 6 DIA T1F CL	147+50	76.7	RT	638.39	629.75	629.75	--	631.25	753 - DIA 42"	754 - DIA 48"	--	720 - DIA 18"	DPP-03	--	--	FLAT
723	CB TA 4 DIA T24F&G	145+00	3.5	LT	641.65	--	--	632.75	--	--	--	723 - DIA 18"	--	DPP-03	YES	YES	TAPERED
724	CB TA 4 DIA T24F&G	145+00	3.5	RT	641.42	--	--	632.20	632.70	--	--	724 - DIA 18"	723 - DIA 18"	DPP-03	YES	YES	TAPERED
725	MAN TA 6 DIA T1F CL	145+00	85.4	RT	638.48	629.35	629.35	--	631.50	754 - DIA 48"	755 - DIA 48"	--	724 - DIA 18"	DPP-03	--	--	FLAT
727	CB TA 4 DIA T24F&G	142+50	3.5	LT	642.53	--	--	634.00	--	--	--	727 - DIA 18"	--	DPP-03	YES	--	TAPERED
728	CB TA 4 DIA T24F&G	142+50	3.5	RT	642.53	--	--	633.95	633.95	--	--	728 - DIA 18"	727 - DIA 18"	DPP-03	YES	--	TAPERED
730	MAN TA 5 DIA T1F OL	142+50	51.0	RT	643.83	--	--	633.50	633.50	--	--	730 - DIA 18"	728 - DIA 18"	DPP-03	--	--	TAPERED
731	MAN TA 6 DIA T1F CL	142+50	93.6	RT	637.32	629.00	--	629.00	633.00	755 - DIA 48"	--	756 - DIA 48"	730 - DIA 18"	DPP-03	--	--	FLAT
732	CB TA 4 DIA T1F OL	135+00	60.0	LT	640.85	--	--	635.25	--	--	--	732 - DIA 12"	--	DPP-02	YES	YES	TAPERED
733	CB TA 4 DIA T24F&G	135+00	3.5	LT	641.50	--	--	634.75	634.75	--	--	733 - DIA 18"	732 - DIA 12"	DPP-02	YES	YES	TAPERED
734	CB TA 4 DIA T24F&G	135+00	3.5	RT	641.50	634.70	--	634.70	634.70	742 - DIA 12"	--	734 - DIA 18"	733 - DIA 18"	DPP-02	YES	--	TAPERED
735	PRC FLAR END SEC 18	135+00	86.8	RT	--	--	--	--	634.00	--	--	--	734 - DIA 18"	DPP-02	--	--	--
736	CB TA 4 DIA T1F OL	137+50	47.5	LT	642.12	--	--	638.10	--	--	--	736 - DIA 18"	--	DPP-02	YES	--	FLAT
737	CB TA 4 DIA T24F&G	137+50	3.5	LT	642.52	--	--	637.55	637.55	--	--	737 - DIA 18"	736 - DIA 18"	DPP-02	YES	--	FLAT
738	CB TA 4 DIA T24F&G	137+50	3.5	RT	642.52	637.50	--	637.50	637.50	743 - DIA 12"	--	738 - DIA 18"	737 - DIA 18"	DPP-02	YES	--	FLAT
739	PRC FLAR END SEC 18	137+50	82.8	RT	--	--	--	--	637.00	--	--	--	738 - DIA 18"	DPP-02	--	--	--
740	MAN TA 6 DIA T1F CL	140+70	103.6	LT	633.00	628.75	--	--	628.75	739 - DIA 12"	--	--	ES - DIA 48"	DPP-03	--	--	FLAT
741	CB TA 4 DIA T8G	141+00	104.3	LT	631.36	--	629.00	--	--	--	739 - DIA 12"	--	--	DPP-03	YES	--	FLAT
742	CB TA 4 DIA T24F&G	136+00	3.5	RT	641.91	--	635.25	--	--	--	742 - DIA 12"	--	--	DPP-02	YES	YES	TAPERED
743	CB TA 4 DIA T24F&G	138+50	3.5	RT	642.92	--	638.00	--	--	--	743 - DIA 12"	--	--	DPP-03	YES	--	TAPERED
744	CB TA 4 DIA T24F&G	153+50	3.5	LT	641.85	--	--	635.75	--	--	--	744 - DIA 18"	--	DPP-04	YES	--	TAPERED
751	PRC FLAR END SEC 48	142+25	115.0	RT	--	--	--	--	628.90	--	--	--	756 - DIA 48"	DPP-03	--	--	--
801	CB TA 4 DIA T24F&G	173+50	57.5	LT	637.90	634.25	--	634.25	--	666 - DIA 12"	--	801 - DIA 12"	--	DPP-05	YES	YES	FLAT
802	CB TA 4 DIA T11F&G	173+50	5.5	LT	638.98	--	--	634.00	634.00	--	--	802 - DIA 12"	801 - DIA 12"	DPP-05	YES	YES	TAPERED
803	CB TA 4 DIA T24F&G	173+50	75.6	RT	637.51	--	--	633.75	633.75	--	--	803 - DIA 12"	802 - DIA 12"	DPP-05	YES	YES	FLAT
804	PRC FLAR END SEC 12	173+50	110.0	RT	--	--	--	--	633.25	--	--	--	803 - DIA 12"	DPP-05	--	--	--
805	CB TA 4 DIA T24F&G	172+50	57.5	LT	640.05	--	--	635.25	--	--	--	805 - DIA 12"	--	DPP-05	YES	--	FLAT
806	CB TA 4 DIA T24F&G	172+50	11.5	LT	639.40	--	--	634.68	634.68	--	--	806 - DIA 18"	805 - DIA 12"	DPP-05	YES	--	FLAT
807	CB TA 4 DIA T11F&G	172+50	5.5	LT	639.40	--	--	634.65	634.65	--	--	807 - DIA 18"	806 - DIA 18"	DPP-05	YES	--	FLAT
808	CB TA 4 DIA T24F&G	172+50	76.5	RT	636.96	--	--	633.55	633.55	--	--	808 - DIA 24"	807 - DIA 18"	DPP-05	YES	--	FLAT
809	MAN TA 5 DIA T1F CL	172+50	83.6	RT	637.44	--	633.50	--	633.50	--	809 - DIA 24"	--	808 - DIA 24"	DPP-05	--	--	FLAT
810	CB TA 4 DIA T24F&G	170+00	57.5	LT	641.95	--	--	635.25	--	--	--	810 - DIA 12"	--	DPP-05	YES	YES	TAPERED
811	CB TA 4 DIA T24F&G	170+00	11.5	LT	640.45	--	--	634.70	634.70	--	--	811 - DIA 18"	810 - DIA 12"	DPP-05	YES	YES	TAPERED
812	CB TA 4 DIA T24F&G	170+00	8.7	RT	640.60	--	--	634.50	634.50	--	--	812 - DIA 18"	811 - DIA 18"	DPP-05	YES	--	TAPERED
813	MAN TA 5 DIA T1F CL	170+00	84.1	RT	639.42	633.15	633.15	--	633.35	809 - DIA 24"	813 - DIA 36"	--	838 - DIA 24"	DPP-05	--	--	FLAT
814	CB TA 4 DIA T24F&G	167+50	57.5	LT	643.00	--	--	636.80	--	--	--	814 - DIA 12"	--	DPP-05	YES	--	TAPERED
815	CB TA 4 DIA T24F&G	167+50	11.5	LT	641.50	--	--	636.18	636.18	--	--	815 - DIA 12"	814 - DIA 12"	DPP-05	YES	--	TAPERED
816	CB TA 4 DIA T24F&G	167+50	15.4	RT	641.50	--	--	635.84	635.84	--	--	816 - DIA 12"	815 - DIA 12"	DPP-05	YES	--	TAPERED
817	MAN TA 5 DIA T1F CL	167+50	81.0	RT	640.08	632.75	632.75	--	635.00	813 - DIA 36"	817 - DIA 36"	--	839 - DIA 12"	DPP-05	--	--	FLAT
818	CB TA 4 DIA T24F&G	165+86	0.0	RT	642.30	--	--	636.00	--	--	--	818 - DIA 12"	--	DPP-04	YES	--	TAPERED
819	MAN TA 5 DIA T1F CL	165+86	77.7	RT	640.10	632.50	632.50	--	635.50	817 - DIA 36"	819 - DIA 36"	--	818 - DIA 12"	DPP-04	--	--	FLAT
820	CB TA 4 DIA T24F&G	165+00	57.5	LT	644.27	--	--	636.75	--	--	--	820 - DIA 12"	--	DPP-04	YES	YES	TAPERED
821	CB TA 4 DIA T24F&G	165+00	3.5	LT	642.15	--	--	636.25	636.25	--	--	821 - DIA 18"	820 - DIA 12"	DPP-04	YES	YES	TAPERED
822	CB TA 4 DIA T24F&G	165+00	3.5	RT	642.31	--	--	636.20	636.20	--	--	822 - DIA 18"	821 - DIA 18"	DPP-04	YES	--	TAPERED
823	MAN TA 5 DIA T1F CL	165+00	77.1	RT	639.45	632.35	632.35	--	635.50	819 - DIA 36"	823 - DIA 36"	--	840 - DIA 18"	DPP-04	--	--	FLAT
826	CB TA 4 DIA T24F&G	163+00	3.5	LT	642.99	--	--	636.00	--	--	--	826 - DIA 18"	--	DPP-04	YES	--	TAPERED
827	CB TA 4 DIA T24F&G	163+00	3.5	RT	643.15	--	--	635.95	635.95	--	--	827 - DIA 18"	826 - DIA 18"	DPP-04	YES	YES	TAPERED
828	MAN TA 5 DIA T1F CL	163+00	74.0	RT	639.58	632.00	632.00	--	635.00	823 - DIA 36"	828 - DIA 36"	--	827 - DIA 18"	DPP-04	--	YES	FLAT
829	MAN TA 5 DIA T1F CL	160+00	74.5	RT	640.71	631.60	--	631.60	--	828 - DIA 36"	--	829 - DIA 42"	--	DPP-04	--	--	TAPERED
831	CB TA 4 DIA T24F&G	157+50	3.5	LT	643.33	634.75	--	--	--	831 - DIA 18"	--	--	--	DPP-04	YES	YES	TAPERED
832	CB TA 4 DIA T24F&G	157+50	3.5	RT	643.33	634.70	634.70	--	--	832 - DIA 18"	831 - DIA 18"	--	--	DPP-04	YES	YES	TAPERED
833	MAN TA 5 DIA T1F CL	157+50	74.5	RT	638.81	634.00	634.00	631.25	631.25	842 - DIA 12"	832 - DIA 18"	833 - DIA 42"	829 - DIA 42"	DPP-04	--	--	FLAT
835	CB TA 4 DIA T24F&G	155+00	3.5	LT	642.33	634.55	--	--	636.30	835 - DIA 18"	--	--	841 - DIA 18"	DPP-04	YES	--	TAPERED
836	CB TA 4 DIA T24F&G	155+00	3.5	RT	642.33	634.50	634.50	--	--	836 - DIA 18"	835 - DIA 18"	--	--	DPP-04	YES	--	TAPERED
837	MAN TA 6 DIA T1F CL	155+00	74.5	RT	639.57	--	633.75	630.90	630.90	--	836 - DIA 18"	837 - DIA 42"	833 - DIA 42"	DPP-04	--	--	FLAT
838	CB TA 4 DIA T24F&G	170+00	76.5	RT	637.55	--	--	633.65	633.65	--	--	838 - DIA 24"	812 - DIA 18"	DPP-05	YES	--	FLAT
839	CB TA 4 DIA T24F&G	167+50	73.5	RT	638.60	--	--	635.05	635.05	--	--	839 - DIA 12"	816 - DIA 12"	DPP-05	YES	--	FLAT
840	CB TA 4 DIA T24F&G	165+00	69.5	RT	639.65	--	--	635.55	635.55	--	--	840 - DIA 18"	822 - DIA 18"	DPP-04	YES	--	FLAT
841	CB TA 4 DIA T24F&G	156+00	3.5	LT	642.73	--	--	637.00	--	--	--	841 - DIA 18"	--	DPP-04	YES	--	TAPERED

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 MOHAMMAD F:\DOC\EX\CHI-00012584-02\COMMON\FSET\TEMP\SHEET.PLOT\DI\60P35-SHT-DRNET_02.DGN

FILE NAME =
 FILEL
TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

USER NAME = *USER*	DESIGNED - TKL	REVISED -
PLOT SCALE = *SCALE*	DRAWN - KC	REVISED -
PLOT DATE = *DATE*	CHECKED - MCD	REVISED -
	DATE - 10/19/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE SCHEDULE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	188
CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

DRAINAGE STRUCTURE DATA

Structure No.	Description	Station	Offset FT	Dir.	Proposed RIM Elev.	North	South	East	West	Pipe ID - Pipe SIZE North	Pipe ID - Pipe SIZE South	Pipe ID - Pipe SIZE East	Pipe ID - Pipe SIZE West	Sheet No.	Inlet Filter	Underdrain Connection	Str. Top
842	CB TA 4 DIA T8G	157+50	82.7	RT	637.15	--	634.05	--	--	--	842 - DIA 12"	--	--	DPP-04	YES	--	FLAT
903	CB TA 4 DIA T24F&G	185+49	62.0	LT	639.00	--	--	634.50	--	--	--	903 - DIA 12"	--	DPP-06	YES	YES	FLAT
904	CB TA 4 DIA T11F&G	185+41	8.0	LT	640.44	--	--	634.00	634.00	--	--	904 - DIA 12"	903 - DIA 12"	DPP-06	YES	YES	TAPERED
906	MAN TA 5 DIA T1F OL	185+22	64.0	RT	639.38	--	633.19	--	633.19	--	906 - DIA 24"	--	904 - DIA 12"	DPP-06	--	YES	FLAT
907	CB TA 4 DIA T24F&G	182+00	62.0	LT	637.80	--	--	633.50	--	--	--	907 - DIA 12"	--	DPP-06	YES	YES	FLAT
908	CB TA 4 DIA T11F&G	182+00	8.0	LT	638.88	--	--	632.65	633.15	--	--	908 - DIA 18"	907 - DIA 12"	DPP-06	YES	YES	TAPERED
910	MAN TA 5 DIA T1F OL	182+00	64.0	RT	637.80	632.20	632.20	--	632.20	909 - DIA 24"	910 - DIA 24"	--	908 - DIA 18"	DPP-06	--	YES	FLAT
911	CB TA 4 DIA T24F&G	180+50	62.0	LT	636.94	--	--	632.90	--	--	--	911 - DIA 12"	--	DPP-06	YES	--	FLAT
912	CB TA 4 DIA T24F&G	180+50	14.0	LT	638.02	--	--	632.41	632.41	--	--	912 - DIA 18"	911 - DIA 12"	DPP-06	YES	--	TAPERED
913	CB TA 4 DIA T11F&G	180+50	8.0	LT	638.02	--	--	632.39	632.39	--	--	913 - DIA 18"	912 - DIA 18"	DPP-06	YES	--	TAPERED
914	MAN TA 5 DIA T1F OL	180+50	52.9	RT	637.24	631.72	631.72	--	631.72	910 - DIA 24"	914 - DIA 30"	--	913 - DIA 18"	DPP-06	--	--	FLAT
915	CB TA 4 DIA T24F&G	178+89	62.0	LT	636.08	--	632.70	--	--	--	915 - DIA 12"	--	--	DPP-05	YES	YES	FLAT
916	CB TA 4 DIA T11F&G	178+89	1.6	LT	637.25	--	632.55	--	--	--	916 - DIA 12"	--	--	DPP-05	YES	YES	FLAT
917	MAN TA 5 DIA T1F OL	178+59	52.0	RT	636.30	631.11	631.11	--	--	914 - DIA 30"	917 - DIA 30"	--	--	DPP-05	--	--	FLAT
919	MAN TA 4 DIA T1F OL	178+39	62.0	LT	635.99	632.60	632.60	632.10	--	915 - DIA 12"	924 - DIA 12"	919 - DIA 18"	--	DPP-05	--	--	FLAT
920	CB TA 4 DIA T11F&G	178+39	2.9	LT	637.22	--	--	631.57	631.57	--	--	920 - DIA 18"	919 - DIA 18"	DPP-05	YES	--	FLAT
921	MAN TA 5 DIA T1F OL	178+39	3.8	RT	637.32	631.55	631.55	631.55	631.55	916 - DIA 12"	925 - DIA 18"	921 - DIA 24"	920 - DIA 24"	DPP-05	--	YES	FLAT
923	MAN TA 6 DIA T1F OL	178+39	52.0	RT	636.29	631.06	631.02	--	631.02	917 - DIA 30"	926 - DIA 36"	--	921 - DIA 24"	DPP-05	--	YES	FLAT
924	CB TA 4 DIA T24F&G	178+19	62.0	LT	636.01	632.70	--	--	--	924 - DIA 12"	--	--	--	DPP-05	YES	YES	FLAT
925	CB TA 4 DIA T11F&G	178+19	6.0	RT	637.23	632.10	--	--	--	925 - DIA 18"	--	--	--	DPP-05	YES	YES	FLAT
926	MAN TA 5 DIA T1F OL	178+19	52.0	RT	636.31	631.01	631.01	--	--	926 - DIA 36"	927 - DIA 36"	--	--	DPP-05	--	--	FLAT
928	CB TA 4 DIA T24F&G	177+35	62.0	LT	636.29	--	632.00	632.00	--	--	938 - DIA 12"	928 - DIA 18"	--	DPP-05	YES	--	FLAT
929	CB TA 4 DIA T11F&G	177+35	8.5	RT	637.37	--	--	631.24	631.24	--	--	929 - DIA 24"	928 - DIA 18"	DPP-05	YES	--	TAPERED
931	MAN TA 5 DIA T1F OL	177+35	52.0	RT	636.59	630.75	630.75	--	630.75	927 - DIA 36"	931 - DIA 36"	--	929 - DIA 24"	DPP-05	--	--	FLAT
932	CB TA 4 DIA T24F&G	175+60	62.0	LT	637.02	--	--	633.00	--	--	--	932 - DIA 12"	--	DPP-05	YES	--	FLAT
933	CB TA 4 DIA T11F&G	175+60	10.0	RT	638.10	--	--	632.50	632.50	--	--	933 - DIA 12"	932 - DIA 12"	DPP-05	YES	--	TAPERED
934	CB TA 4 DIA T24F&G	175+60	16.0	RT	638.10	--	--	632.30	632.30	--	--	934 - DIA 12"	933 - DIA 12"	DPP-05	YES	--	TAPERED
936	MAN TA 5 DIA T1F OL	175+60	52.0	RT	637.32	630.19	630.19	--	630.19	931 - DIA 36"	936 - DIA 36"	--	934 - DIA 12"	DPP-05	--	--	FLAT
938	CB TA 4 DIA T24F&G	176+60	62.0	LT	636.60	632.50	--	--	--	938 - DIA 12"	--	--	--	DPP-05	YES	--	FLAT
939	CB TA 4 DIA T24F&G	183+50	62.0	LT	638.65	--	--	633.64	--	--	--	939 - DIA 18"	--	DPP-06	YES	--	FLAT
940	CB TA 4 DIA T11F&G	183+50	8.0	LT	639.73	--	--	633.23	633.23	--	--	940 - DIA 18"	939 - DIA 18"	DPP-06	YES	--	TAPERED
941	MAN TA 5 DIA T1F OL	183+50	64.0	RT	638.65	632.70	632.70	--	632.70	906 - DIA 24"	909 - DIA 24"	--	940 - DIA 18"	DPP-06	--	--	FLAT
990	CB TA 4 DIA T11F&G	191+08	46.8	LT	637.84	--	--	634.25	634.20	--	--	990 - DIA 12"	990 - DIA 12"	DPP-06	YES	--	FLAT
991	CB TA 4 DIA T11F&G	192+76	41.4	LT	638.34	--	--	634.00	633.95	--	--	991 - DIA 12"	991 - DIA 12"	DPP-06	YES	--	FLAT
992	CB TA 4 DIA T11F&G	194+43	30.5	RT	638.43	--	--	634.00	634.05	--	--	992 - DIA 12"	992 - DIA 12"	DPP-07	YES	--	FLAT
993	CB TA 4 DIA T11F&G	195+21	28.5	RT	638.44	--	--	634.20	634.25	--	--	993 - DIA 12"	993 - DIA 12"	DPP-07	YES	--	FLAT
994	CB TA 4 DIA T11F&G	187+40	41.2	RT	638.72	635.70	--	--	--	994 - DIA 12"	--	--	--	DPP-06	YES	--	FLAT
995	CB TA 4 DIA T11F&G	188+03	5.0	RT	639.29	--	635.35	--	635.35	--	994 - DIA 12"	--	995 - DIA 12"	DPP-06	YES	--	FLAT
996	MH TA 6D W/2 T1FCL RP	175+35	60.9	RT	637.32	630.10	630.10	635.10	--	936 - DIA 36"	996 - DIA 36"	995 - DIA 12"	--	DPP-05	--	--	FLAT

F:\DOC\EXP\CHI-00012584-02\COMMON\SET\TEMP\SHHEE\PL0T\DI60P35-SHT-DRNET_03.DGN
 F:\DOC\EXP\CHI-00012584-02\COMMON\SET\TEMP\SHHEE\PL0T\DI60P35-SHT-DRNET_03.DGN
 F:\DOC\EXP\CHI-00012584-02\COMMON\SET\TEMP\SHHEE\PL0T\DI60P35-SHT-DRNET_03.DGN

FILE NAME =	USER NAME = *USER*	DESIGNED - TKL	REVISED -
FILEL		DRAWN - KC	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - MCD	REVISED -
	PLOT DATE = *DATE*	DATE - 10/19/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE SCHEDULE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	189
			CONTRACT NO. 60P35	
ILLINOIS FED. AID PROJECT				

DRAINAGE PIPE DATA

Pipe No.	Description	Size	Length FT	Slope %	Trench Back fill CU YD	Sheet No.	FROM Node	TO Node
835	STORM SEW CL A 2 18	DIA 18"	3	1.67	2.4	DPP-04	835	836
836	STORM SEW CL A 2 18	DIA 18"	66	1.14	27.3	DPP-04	836	837
837	STORM SEW CL A 3 42	DIA 42"	253	0.16	279.6	DPP-04	837	703
838	STORM SEW CL A 2 24	DIA 24"	3	9.73	0.5	DPP-05	838	813
839	STORM SEW CL A 2 12	DIA 12"	3	1.62	0.4	DPP-05	839	817
840	STORM SEW CL A 2 18	DIA 18"	3	1.62	0.2	DPP-04	840	823
841	STORM SEW CL A 2 18	DIA 18"	96	0.73	28.3	DPP-04	841	835
842	STORM SEW CL A 2 12	DIA 12"	4	1.37	0.3	DPP-04	842	833
903	STORM SEW CL A 2 12	DIA 12"	51	0.99	12.5	DPP-06	903	904
904	STORM SEW WM REQ 12	DIA 12"	70	1.16	23.4	DPP-06	904	906
906	STORM SEW WM REQ 24	DIA 24"	167	0.29	51.3	DPP-06	906	941
907	STORM SEW CL A 2 12	DIA 12"	50	0.70	9.9	DPP-06	907	908
908	STORM SEW WM REQ 18	DIA 18"	67	0.67	20.1	DPP-06	908	910
909	STORM SEW WM REQ 24	DIA 24"	145	0.34	38.2	DPP-06	941	910
910	STORM SEW WM REQ 24	DIA 24"	145	0.33	33.7	DPP-06	910	914
911	STORM SEW CL A 2 12	DIA 12"	44	1.11	7.9	DPP-06	911	912
912	STORM SEW CL A 2 18	DIA 18"	2	1.00	0.5	DPP-06	912	913
913	STORM SEW WM REQ 18	DIA 18"	56	1.19	14.5	DPP-06	913	914
914	STORM SEW WM REQ 30	DIA 30"	186	0.33	28.7	DPP-06	914	917
915	STORM SEW CL A 2 12	DIA 12"	46	0.22	1.2	DPP-05	915	919
916	STORM SEW CL A 2 12	DIA 12"	46	2.19	10.1	DPP-05	916	921
917	STORM SEW WM REQ 30	DIA 30"	15	0.33	1.9	DPP-05	917	923
919	STORM SEW CL A 2 18	DIA 18"	55	0.96	8.5	DPP-05	919	920
920	STORM SEW CL A 2 24	DIA 24"	2	0.90	0.6	DPP-05	920	921
921	STORM SEW WM REQ 24	DIA 24"	43	1.23	9.7	DPP-05	921	923
924	STORM SEW CL A 2 12	DIA 12"	16	0.63	0.4	DPP-05	924	919
925	STORM SEW CL A 2 18	DIA 18"	16	3.52	3.8	DPP-05	925	921
926	STORM SEW WM REQ 36	DIA 36"	15	0.07	1.1	DPP-05	923	926
927	STORM SEW WM REQ 36	DIA 36"	79	0.33	10.2	DPP-05	926	931
928	STORM SEW CL A 2 18	DIA 18"	66	1.14	13.9	DPP-05	928	929
929	STORM SEW WM REQ 24	DIA 24"	39	1.26	11.5	DPP-05	929	931
931	STORM SEW WM REQ 36	DIA 36"	170	0.33	51.5	DPP-05	931	936
932	STORM SEW CL A 2 12	DIA 12"	68	0.74	12.0	DPP-05	932	933
933	STORM SEW CL A 2 12	DIA 12"	2	10.00	0.5	DPP-05	933	934
934	STORM SEW WM REQ 12	DIA 12"	31	6.70	11.0	DPP-05	934	936
936	STORM SEW WM REQ 36	DIA 36"	21	0.33	9.4	DPP-05	936	996
938	STORM SEW CL A 2 12	DIA 12"	71	0.70	8.0	DPP-05	938	928
939	STORM SEW CL A 2 18	DIA 18"	50	0.82	13.9	DPP-06	939	940
940	STORM SEW WM REQ 18	DIA 18"	67	0.79	22.8	DPP-06	940	941
990	STORM SEW WM REQ 12	DIA 12"	3	1.99	0.0	DPP-06	990	990
991	STORM SEW WM REQ 12	DIA 12"	2	2.59	0.0	DPP-06	991	991
992	STORM SEW WM REQ 12	DIA 12"	1	3.70	0.0	DPP-07	992	992
993	STORM SEW CL A 2 12	DIA 12"	1	11.11	0.0	DPP-07	993	993
994	STORM SEW CL A 2 12	DIA 12"	69	0.51	2.5	DPP-06	994	995
995	STORM SEW WM REQ 12	DIA 12"	52	0.48	3.4	DPP-06	995	996
996	STORM SEW WM REQ 36	DIA 36"	30	0.33	34.2	DPP-05	996	ES
997	STORM SEW CL A 2 48	DIA 48"	13	0.31	0.0	DPP-03	740	ES

UNDERDRAIN PIPE DATA

Station	Description	Size	Direction	Length
124+30	PIPE UNDERDRAINS 6	DIA 6"	LT	45
124+30	PIPE UNDERDRAINS 6 SP	DIA 6"	LT	41
124+30	PIPE UNDERDRAINS 6	DIA 6"	RT	73
128+08	PIPE UNDERDRAINS 6	DIA 6"	LT	42
128+08	PIPE UNDERDRAINS 6 SP	DIA 6"	LT	29
128+08	PIPE UNDERDRAINS 6	DIA 6"	RT	49
132+50	PIPE UNDERDRAINS 6	DIA 6"	LT	64
132+50	PIPE UNDERDRAINS 6	DIA 6"	RT	49
135+00	PIPE UNDERDRAINS 6	DIA 6"	LT	53
136+00	PIPE UNDERDRAINS 6	DIA 6"	RT	60
141+00	PIPE UNDERDRAINS 6	DIA 6"	LT	107
141+00	PIPE UNDERDRAINS 6 SP	DIA 6"	LT	15
145+00	PIPE UNDERDRAINS 6	DIA 6"	LT	43
145+00	PIPE UNDERDRAINS 6 SP	DIA 6"	LT	22
145+00	PIPE UNDERDRAINS 6	DIA 6"	RT	54
149+00	PIPE UNDERDRAINS 6	DIA 6"	LT	42
149+00	PIPE UNDERDRAINS 6 SP	DIA 6"	LT	23
149+00	PIPE UNDERDRAINS 6	DIA 6"	RT	54
152+50	PIPE UNDERDRAINS 6	DIA 6"	LT	42
152+50	PIPE UNDERDRAINS 6 SP	DIA 6"	LT	23
152+50	PIPE UNDERDRAINS 6	DIA 6"	RT	54
157+50	PIPE UNDERDRAINS 6	DIA 6"	LT	52
157+50	PIPE UNDERDRAINS 6	DIA 6"	RT	42
157+50	PIPE UNDERDRAINS 6 SP	DIA 6"	RT	23
161+00	PIPE UNDERDRAINS 6	DIA 6"	RT	117
161+00	PIPE UNDERDRAINS 6 SP	DIA 6"	RT	23
163+00	PIPE UNDERDRAINS 6	DIA 6"	RT	67
165+00	PIPE UNDERDRAINS 6	DIA 6"	LT	50
170+00	PIPE UNDERDRAINS 6	DIA 6"	LT	42
173+50	PIPE UNDERDRAINS 6	DIA 6"	LT	48
173+50	PIPE UNDERDRAINS 6	DIA 6"	RT	78
178+19	PIPE UNDERDRAINS 6	DIA 6"	LT	63
178+39	PIPE UNDERDRAINS 6	DIA 6"	RT	43
178+89	PIPE UNDERDRAINS 6	DIA 6"	LT	56
182+00	PIPE UNDERDRAINS 6	DIA 6"	LT	50
182+00	PIPE UNDERDRAINS 6	DIA 6"	RT	68
185+41	PIPE UNDERDRAINS 6	DIA 6"	LT	50
185+41	PIPE UNDERDRAINS 6	DIA 6"	RT	70
9+33	PIPE UNDERDRAINS 6	DIA 6"	LT	74
52+25	PIPE UNDERDRAINS 6	DIA 6"	LT	40
52+25	PIPE UNDERDRAINS 6	DIA 6"	RT	34
61+03	PIPE UNDERDRAINS 6	DIA 6"	LT	42
61+03	PIPE UNDERDRAINS 6	DIA 6"	RT	33
494+90	PIPE UNDERDRAINS 6	DIA 6"	LT	85
497+27	PIPE UNDERDRAINS 6	DIA 6"	LT	31
497+27	PIPE UNDERDRAINS 6	DIA 6"	RT	48
501+56	PIPE UNDERDRAINS 6	DIA 6"	LT	55
501+56	PIPE UNDERDRAINS 6	DIA 6"	RT	25

UNDERDRAIN STRUCTURE DATA

Station	Description	Direction	Offset
128+08	CONC HDWL FOR P DRAIN	LT	76.5
141+00	CONC HDWL FOR P DRAIN	LT	62.5
145+00	CONC HDWL FOR P DRAIN	LT	70.0
149+00	CONC HDWL FOR P DRAIN	LT	72.0
152+50	CONC HDWL FOR P DRAIN	LT	75.0
157+50	CONC HDWL FOR P DRAIN	RT	70.6
161+00	CONC HDWL FOR P DRAIN	RT	82.5

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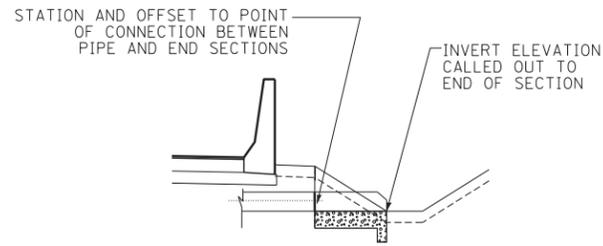
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

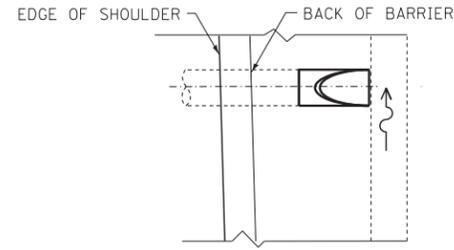
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CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

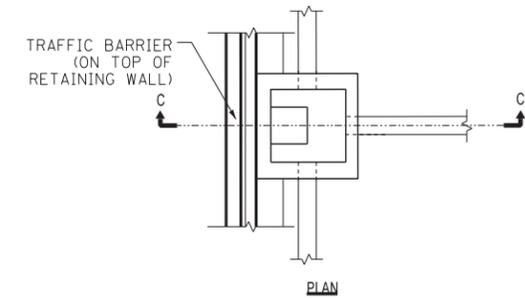
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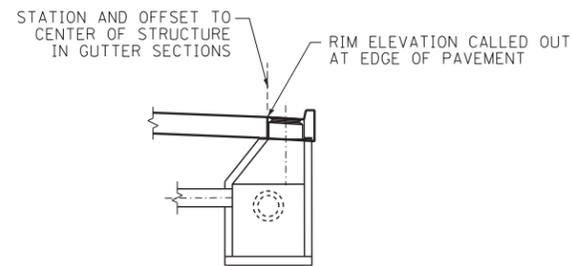
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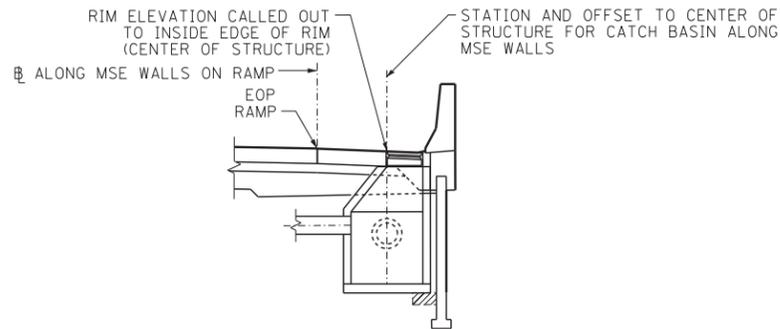
PLAN VIEW - FLARED END SECTION



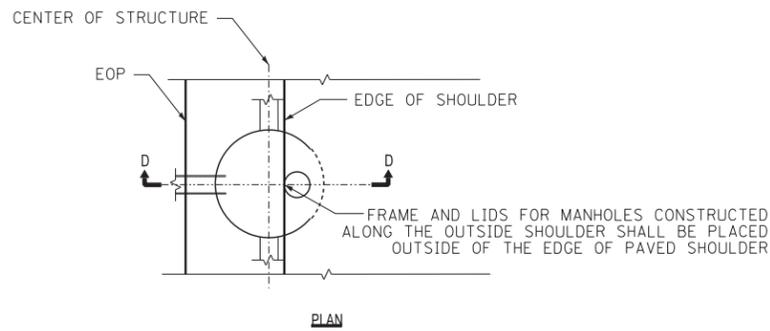
PLAN VIEW - CATCH BASINS ALONG RETAINING WALLS



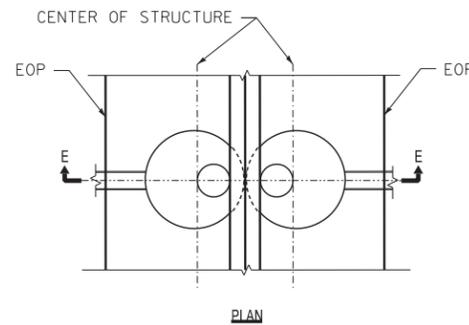
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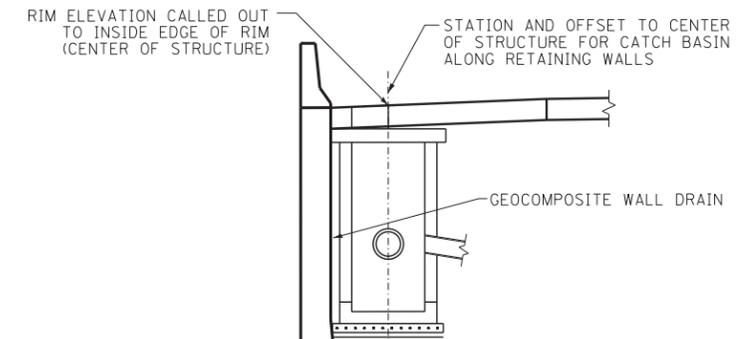
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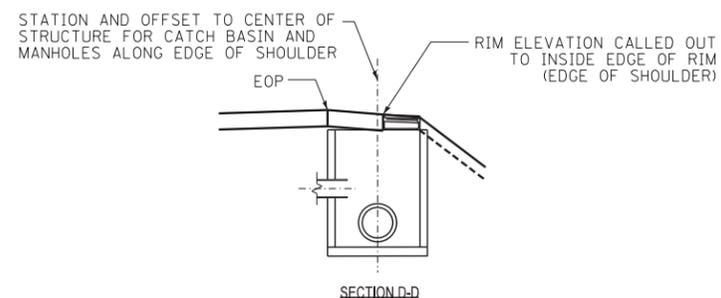
PLAN - MANHOLES ALONG OUTSIDE SHOULDER



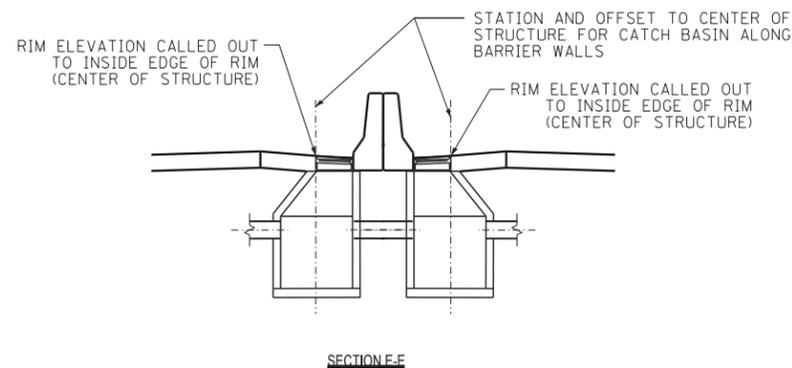
PLAN VIEW - CATCH BASINS AT BARRIER WALLS



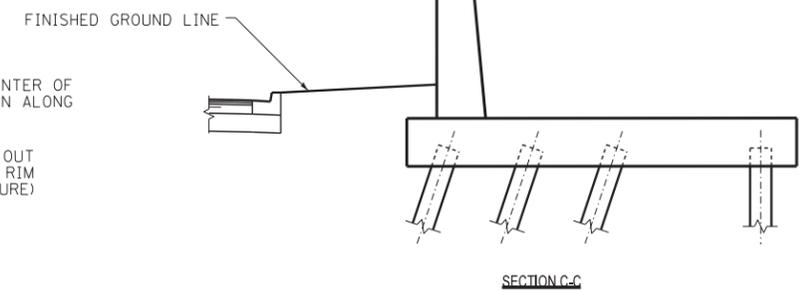
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ELEVATION - MANHOLES ALONG OUTSIDE SHOULDER



ELEVATION - CATCH BASINS AT BARRIERS WALLS



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TENG TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

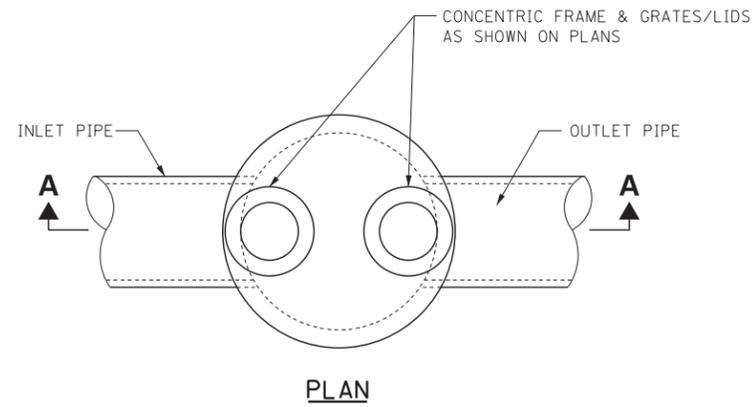
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

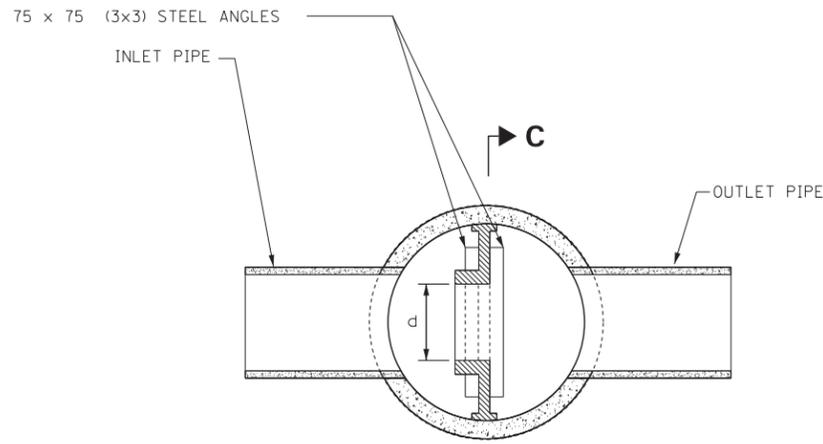
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

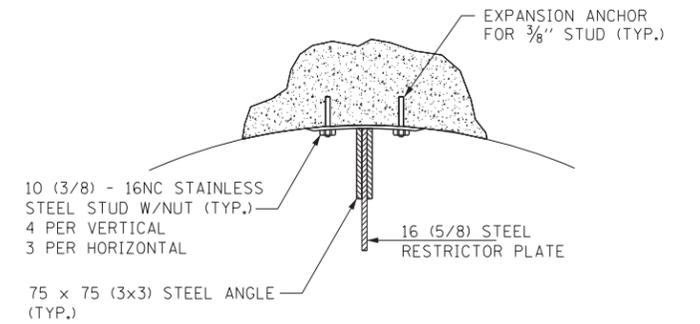
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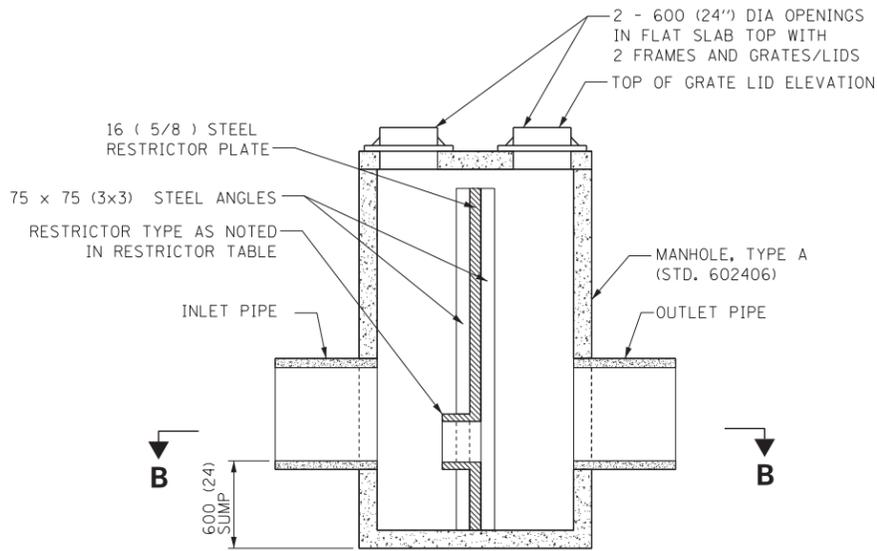
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SECTION B-B



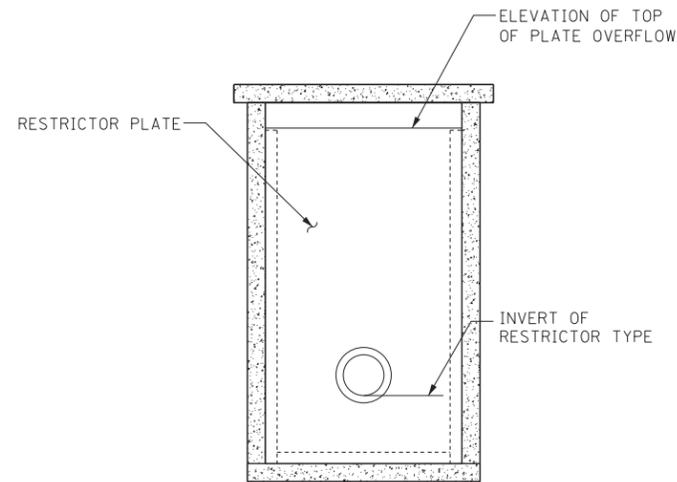
ANGLE FASTENER DETAIL



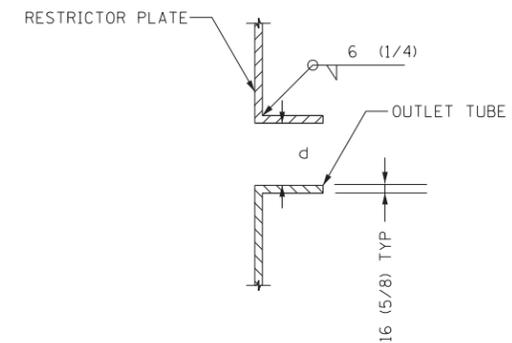
SECTION A-A

MANHOLE WITH RESTRICTOR PLATE

N.T.S.



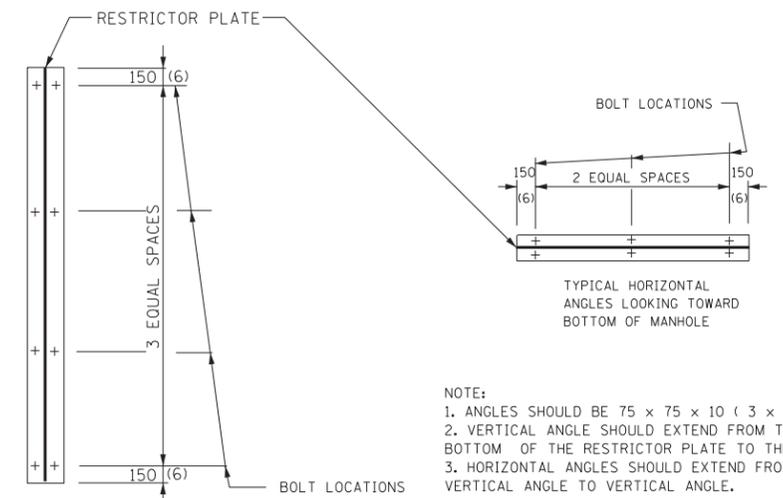
SECTION C-C



INLET TUBE DETAIL

RESTRICTOR TYPE
2
SHARP EDGED
C=-61

STR. ID	STATION OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIA	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
996	175+35, 60.9' RT	6'	TIFCL	2	20.5"	631.1	634.9



STEEL ANGLE BOLTING DETAILS

- NOTE:
1. ANGLES SHOULD BE 75 x 75 x 10 (3 x # x 3/4).
 2. VERTICAL ANGLE SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
 3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

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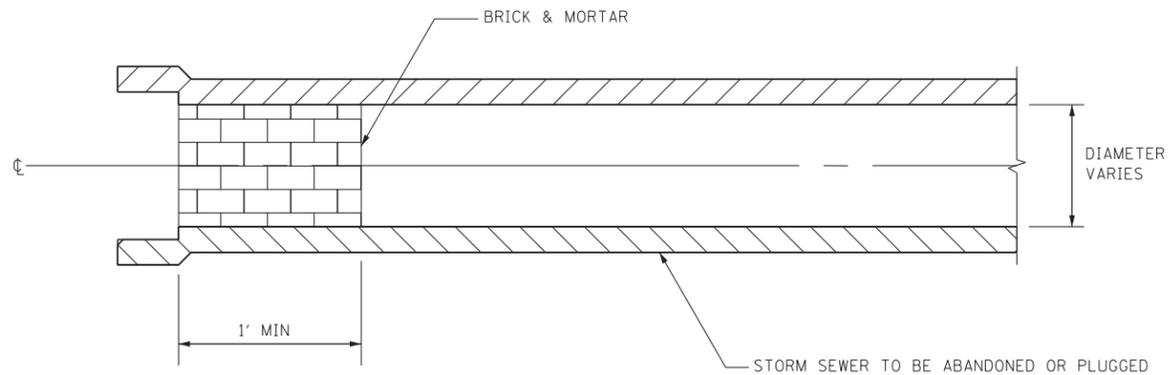
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60P35				
ILLINOIS FED. AID PROJECT				

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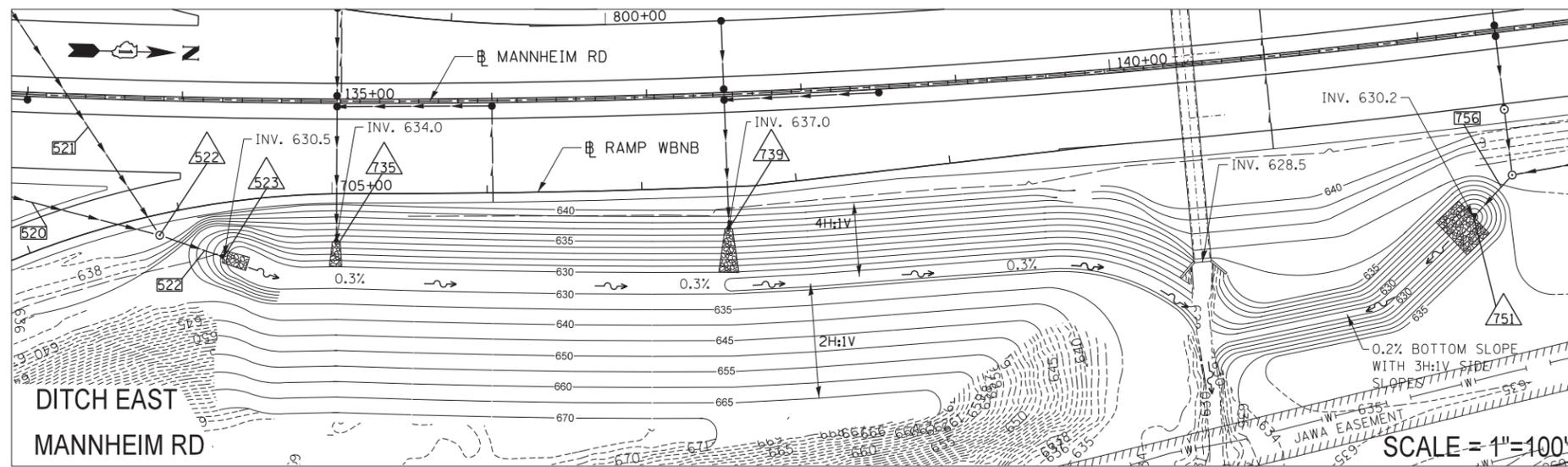


NOTE:

1. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE STORM SEWER ITEMS.

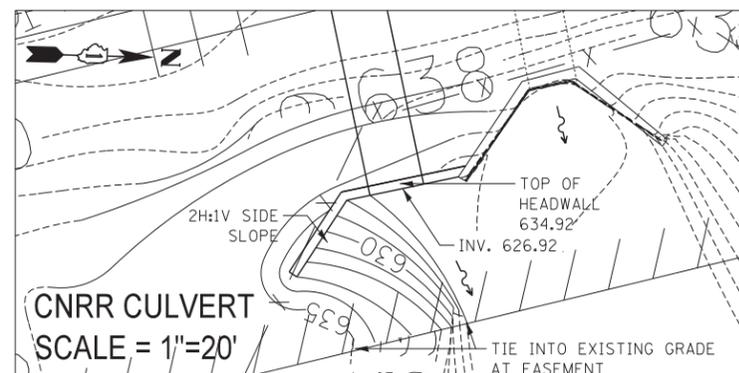
STORM SEWER PLUG

GRADING DETAILS



NOTE:

1. SEE MANNHEIM RD CROSS SECTIONS FOR FURTHER DITCH GRADING DETAILS.



NOTE:

1. SEE PROPOSED CULVERT UNDER CNRR GENERAL PLAN SHEET FOR EROSION CONTROL DETAILS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	0105-WRS	COOK	537	194
			CONTRACT NO. 60P35	
ILLINOIS FED. AID PROJECT				

DD-08

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2012; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD; THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", (SSTCI), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JULY 2009 SIXTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

ALL WORK SHALL BE PREFORMED IN ACCORDANCE WITH APPLICABLE LAWS AND GOVERNMENT AGENCY REGULATIONS AND RULES; AUTHORITIES HAVING JURISDICTION; OSHA REGULATIONS AND RULES; AND ANY APPLICABLE RULES AND REGULATIONS OF THE STATE OF ILLINOIS OR COOK COUNTY AGENCIES. FURTHERMORE, AND AS RELATED TO THE WORK, THE CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ALL PUBLIC AUTHORITIES BEARING ON THE SAFETY OF PERSONS OR PROPERTY OR THEIR PROTECTION FROM DAMAGE, INJURY OR LOSS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT STANDARD.

SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK: THE BIDDER ACKNOWLEDGES THAT IT HAS TAKEN STEPS REASONABLY NECESSARY TO ASCERTAIN THE NATURE AND LOCATION OF THE WORK, AND THAT IT HAS INVESTIGATED AND SATISFIED ITSELF AS TO THE GENERAL AND LOCAL CONDITIONS WHICH CAN AFFECT THE WORK OR ITS COSTS, INCLUDING BUT NOT LIMITED TO (1) CONDITIONS BEARING UPON TRANSPORTATION, DISPOSAL, HANDLING AND STORAGE OF MATERIALS; (2) THE AVAILABILITY OF LABOR, WATER, ELECTRIC POWER AND ROADS; (3) UNCERTAINTIES OF WEATHER, RIVER STAGES, TIDES, OR SIMILAR PHYSICAL CONDITIONS AT THE SITE; (4) THE CONFORMATION AND CONDITIONS OF THE GROUND; AND (5) THE CHARACTER OF EQUIPMENT AND FACILITIES NEEDED PRELIMINARY TO AND DURING WORK PERFORMANCE. THE BIDDER ALSO ACKNOWLEDGES THAT IT HAS SATISFIED ITSELF AS TO THE CHARACTER, QUALITY AND QUANTITY OF SURFACE AND SUBSURFACE MATERIALS OR OBSTACLES TO BE ENCOUNTERED INSOFAR AS THIS INFORMATION IS REASONABLY ASCERTAINABLE FROM AN INSPECTION OF THE SITE, INCLUDING ALL EXPLORATORY WORK DONE, IF ANY, AS WELL AS FROM THE DRAWINGS AND SPECIFICATIONS MADE A PART OF THE BIDDING DOCUMENTS. ANY FAILURE OF THE BIDDER TO TAKE THE ACTIONS DESCRIBED AND ACKNOWLEDGED IN THIS PARAGRAPH WILL NOT RELIEVE THE BIDDER FROM RESPONSIBILITY FOR ESTIMATING PROPERLY THE DIFFICULTY AND COST OF SUCCESSFULLY PERFORMING THE WORK, OR FOR PROCEEDING TO SUCCESSFULLY PERFORM THE WORK WITHOUT ADDITIONAL EXPENSE TO THE CONTRACT.

CHRISTOPHER B. BURKE ENGINEERING, LTD. ASSUMES NO RESPONSIBILITY FOR ANY CONCLUSIONS OR INTERPRETATIONS MADE BY THE BIDDER BASED ON INFORMATION MADE AVAILABLE BY CHRISTOPHER B. BURKE ENGINEERING, LTD. OR THE CITY OF THE PROJECT. NOR DOES THE ILLINOIS DEPARTMENT OF TRANSPORTATION, THE VILLAGE OF ROSEMONT, OR CHRISTOPHER B. BURKE ENGINEERING, LTD. ASSUME RESPONSIBILITY FOR ANY UNDERSTANDING REACHED OR REPRESENTATION MADE CONCERNING CONDITIONS WHICH CAN AFFECT THE WORK BY ANY OF ITS OFFICERS OR AGENTS BEFORE THE ACCEPTANCE OF THE BID OFFER AND EXECUTION OF THE CONTRACT, UNLESS THAT UNDERSTANDING OR REPRESENTATION IS EXPRESSLY STATED IN THE CONTRACT.

UTILITIES

THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE OF ROSEMONT IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE CITY MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATERMAIN CONDUITS AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AND THE VILLAGE OF ROSEMONT. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

STAKING

ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR WATERMAIN CONDUITS, STRUCTURES, ETC., ARE FROM THE PROPOSED CENTERLINE OF MANNHEIM ROAD.

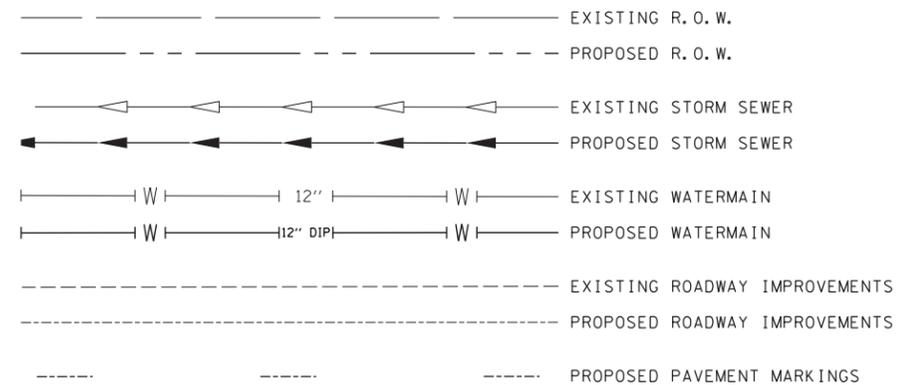
MISCELLANEOUS

DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

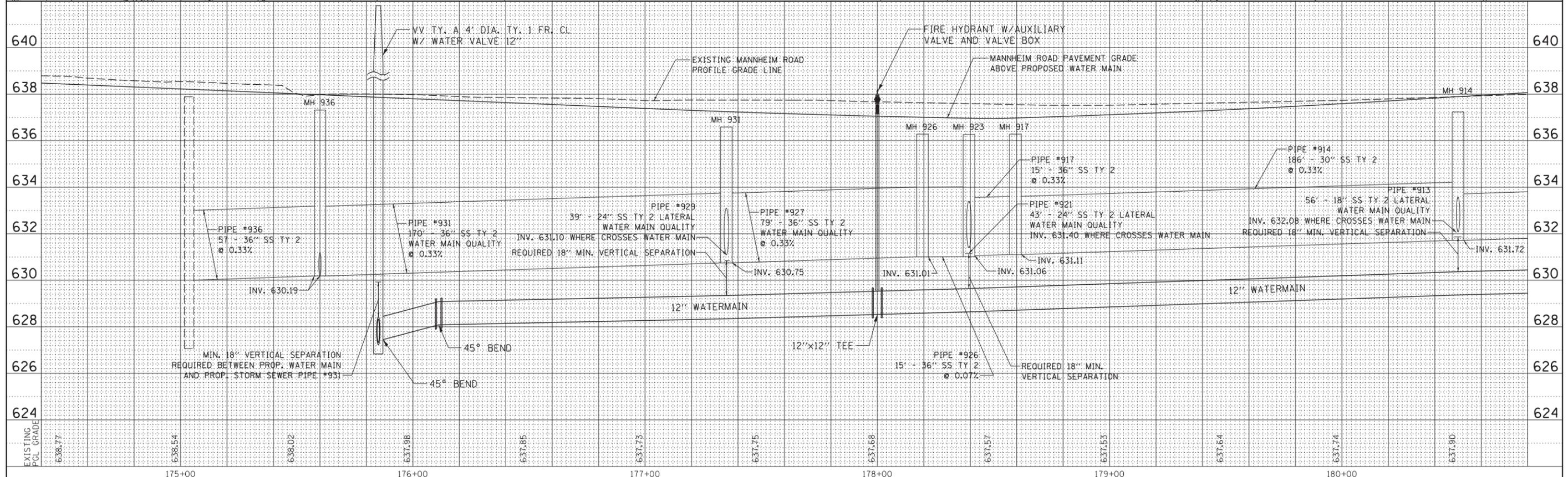
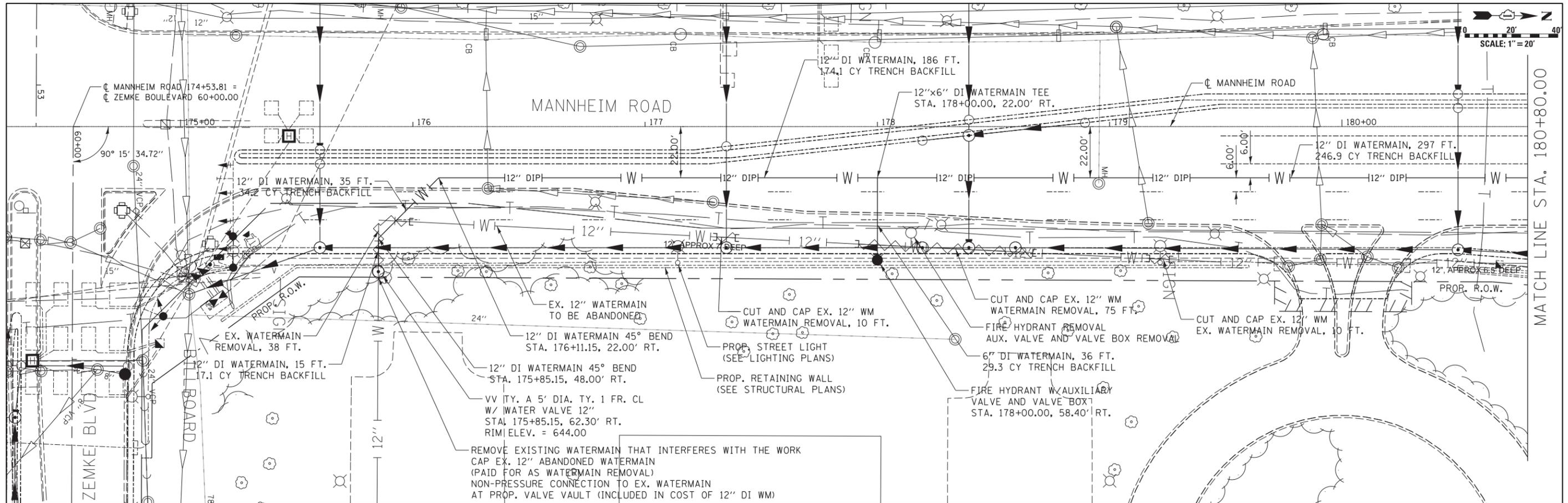
WATERMAIN CONSTRUCTION NOTES

- SEWER TESTING AND ACCEPTANCE: ALL NEW SEWERS AND MANHOLES SHALL BE TESTED FOR LEAKAGE AND DEFLECTION IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS. ALL SEWER PIPING SHALL BE TESTED FOR LEAKAGE BY MEANS OF A LOW PRESSURE AIR TEST. DEFLECTION TESTING SHALL NOT BE PERFORMED SOONER THAN 30 DAYS AFTER INSTALLATION IS COMPLETE.
- ALL WATERMAINS SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) CLASS 52 CONFORMING TO ANSI A21.51/AWWA C151 WITH PUSH-ON JOINTS CONFORMING TO ANSI A21.11/AWWA C111. ALL FITTINGS SHALL BE MECHANICAL JOINT AND IRON OR DUCTILE IRON CONFORMING TO ANSI A21.53/AWWA C153 AND ANSI A21.4/AWWA C104.
- WHEREVER A SEWER CROSSES UNDER A WATERMAIN, THE MINIMUM VERTICAL DISTANCE FROM THE TOP OF THE SEWER TO THE BOTTOM OF THE WATERMAIN SHALL BE 18 INCHES. FURTHERMORE, A MINIMUM HORIZONTAL DISTANCE OF 10 FEET BETWEEN SANITARY SEWERS AND WATERMAINS SHALL BE MAINTAINED UNLESS: THE SEWER IS LAID IN A SEPARATE TRENCH, THE WATERMAIN KEEPS A MINIMUM 18" VERTICAL SEPARATION OVER THE SEWER; OR THE SEWER IS LAID IN THE SAME TRENCH WITH THE WATERMAIN LOCATED AT THE OPPOSITE SIDE ON A BENCH OF UNDISTURBED EARTH, KEEPING A MINIMUM 18" VERTICAL SEPARATION (WATER MAIN OVER SEWER) IN ACCORDANCE WITH SECTION 370.350 OF THE ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORK. IF EITHER THE VERTICAL OR HORIZONTAL DISTANCES DESCRIBED ABOVE CANNOT BE MAINTAINED, OR THE SEWER CROSSES ABOVE THE WATERMAIN, THE SEWER SHALL BE CONSTRUCTED TO WATERMAIN STANDARDS. SUCH SEWER MUST BE DUCTILE IRON PIPE AS SPECIFIED IN THE SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS. THIS PIPE WILL BE PAID FOR AS "STORM SEWER (WATER MAIN REQUIREMENTS)".
- A VERTICAL SEPARATION OF EIGHTEEN (18) INCHES BETWEEN THE INVERT OF THESE SEWER OR DRAIN AND THE CROWN OF THE WATERMAIN SHALL BE MAINTAINED WHERE A WATERMAIN CROSSES UNDER A SEWER. SUPPORT THE SEWER OR DRAIN LINES TO PREVENT SETTLING AND BREAKING THE WATERMAIN, AS SHOWN ON THE PLANS OR AS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONSTRUCT WATERMAIN ESSENTIALLY TO THE LINES AND GRADES AS SHOWN ON THE PLAN DRAWINGS. WATERMAIN DEPTH SHALL ACCOMMODATE CONSTRUCTION OF MAIN DRAIN SEWERS AND SEWER LATERALS IN SUCCESSIVE STAGES OF THIS CONTRACT. THE PLANS IDENTIFY THE LOCATIONS WHERE WATERMAIN DEPTH IS CONTROLLED BY INVERTS OF THE STORM SEWER SYSTEM. THE CONTRACTOR WILL NOT BE ALLOWED TO SHALLOW UP THE WATERMAIN BETWEEN IDENTIFIED DEPTH CONTROL LOCATIONS BY EXCESSIVE DEFLECTION OF WATERMAIN PIPE AT JOINTS OR BY INSTALLING ADDITIONAL FITTINGS NOT SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS WITHOUT PRIOR AUTHORIZATION FROM THE VILLAGE OF ROSEMONT.
- FRAME ELEVATIONS GIVEN ON THE PLANS ARE ONLY TO ASSIST THE CONTRACTOR IN DETERMINING THE APPROXIMATE OVERALL HEIGHT OF THE STRUCTURE. FRAMES OF ALL NEW, ADJUSTED OR RECONSTRUCTED STRUCTURES SHALL BE ADJUSTED TO THE FINAL ELEVATION OF THE AREA IN WHICH THEY ARE LOCATED AS PART OF THE STRUCTURE, ADJUSTMENT, OR RECONSTRUCTION COST.
- ALL TRENCH BACKFILL QUANTITIES FOR WATERMAINS HAVE BEEN COMPUTED AND WILL BE PAID FOR IN ACCORDANCE WITH SECTION 208 OF THE STANDARD SPECIFICATIONS. THE TRENCH WIDTH USED FOR PAYMENT SHALL NOT EXCEED THAT ALLOWED BY THE SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS.

WATERMAIN PLAN LEGEND



<p>CHRISTOPHER B. BURKE ENGINEERING, LTD. 9575 W. Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500</p>	USER NAME = vracich	DESIGNED <i>VMR</i>	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MANNHEIM ROAD WATER MAIN RELOCATION GENERAL NOTES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN <i>PM</i>	REVISED -		330	0105-WRS	COOK	537	195			
	PLOT SCALE = N/A	CHECKED <i>MW</i>	REVISED -		CONTRACT NO. 60P35							
	PLOT DATE = 10/2/2012	DATE <i>10/19/2012</i>	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



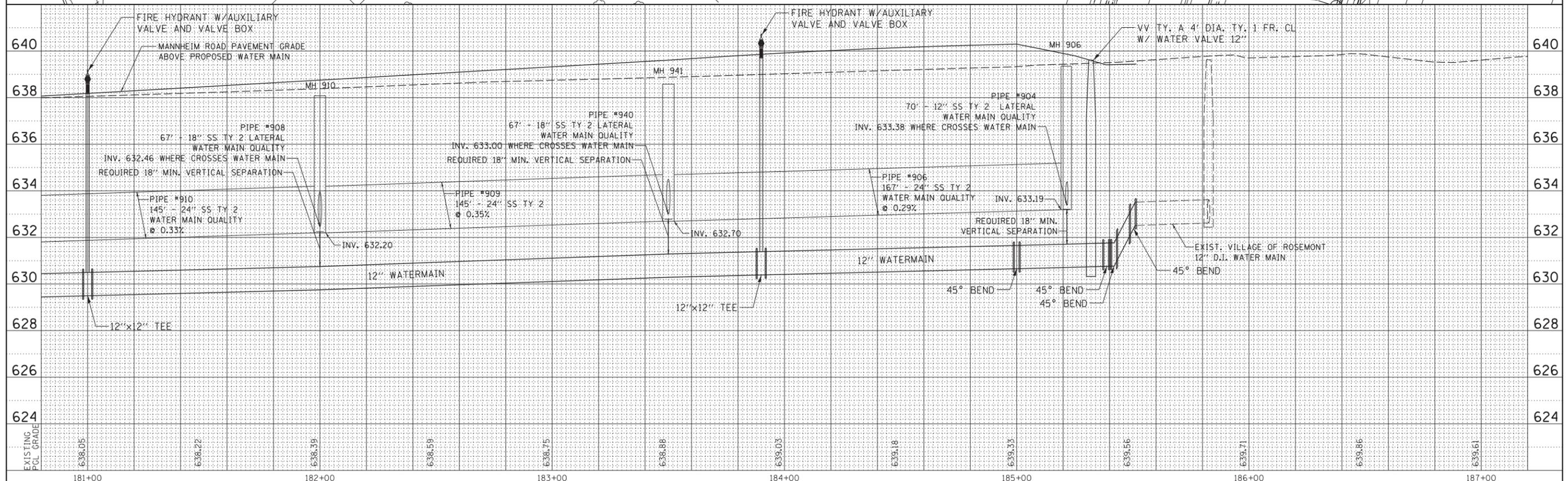
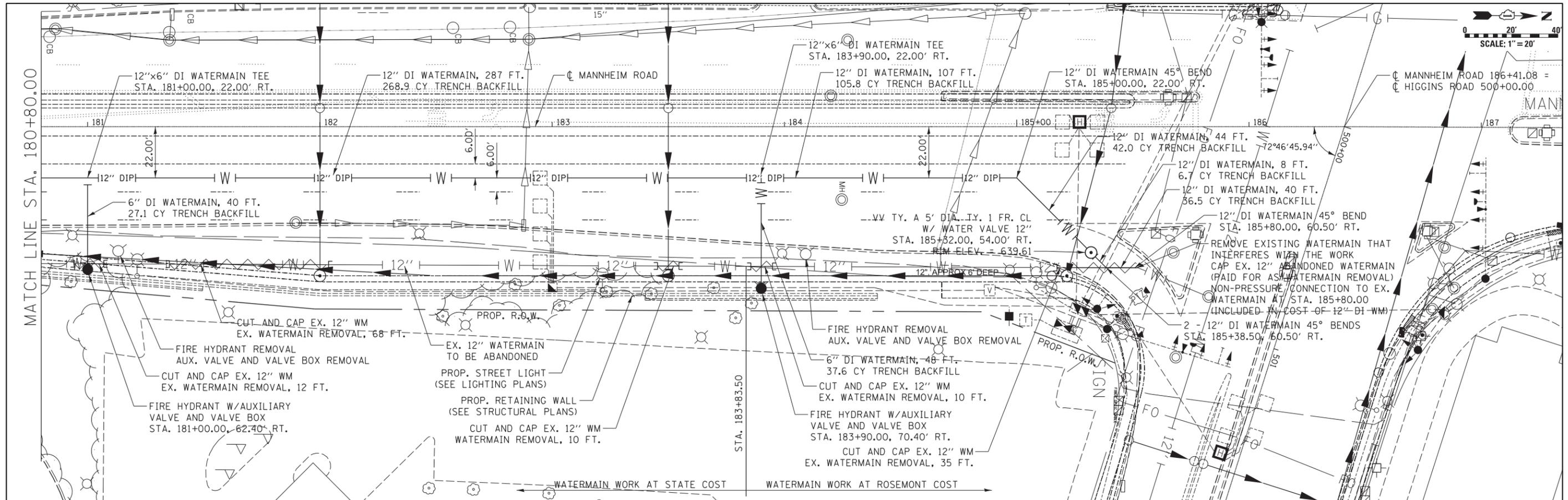
CB CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

USER NAME = vracich	DESIGNED VMR	REVISED -
PLOT SCALE = 5/8"	DRAWN PM	REVISED -
PLOT DATE = 10/2/2012	CHECKED MW	REVISED -
	DATE 10/19/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MANNHEIM ROAD
 WATER MAIN RELOCATION PLAN AND PROFILE SHEET 1**

F.A.P. RTE. 330	SECTION 0105-WRS	COUNTY COOK	TOTAL SHEETS 537	SHEET NO. 196
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60P35	



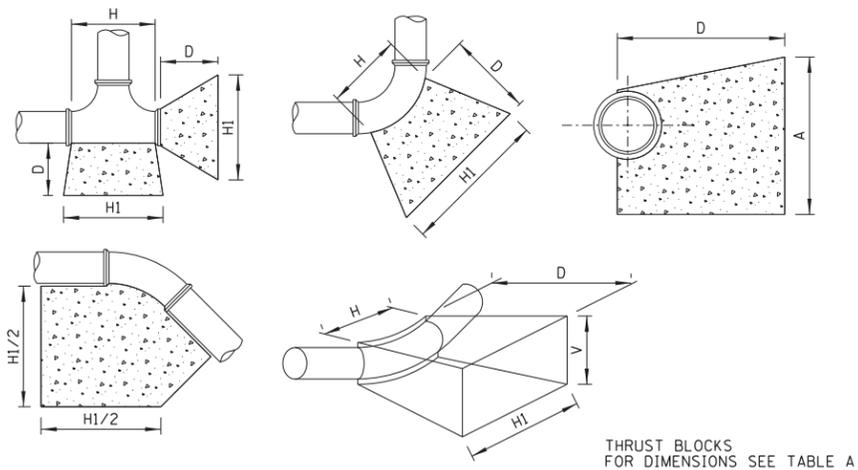
CB CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 W. Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

USER NAME = vracich	DESIGNED VMR	REVISED -
PLOT SCALE = 5/8"	DRAWN PM	REVISED -
PLOT DATE = 10/2/2012	CHECKED MW	REVISED -
	DATE 10/19/2012	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**MANNHEIM ROAD
 WATER MAIN RELOCATION PLAN AND PROFILE SHEET 2**

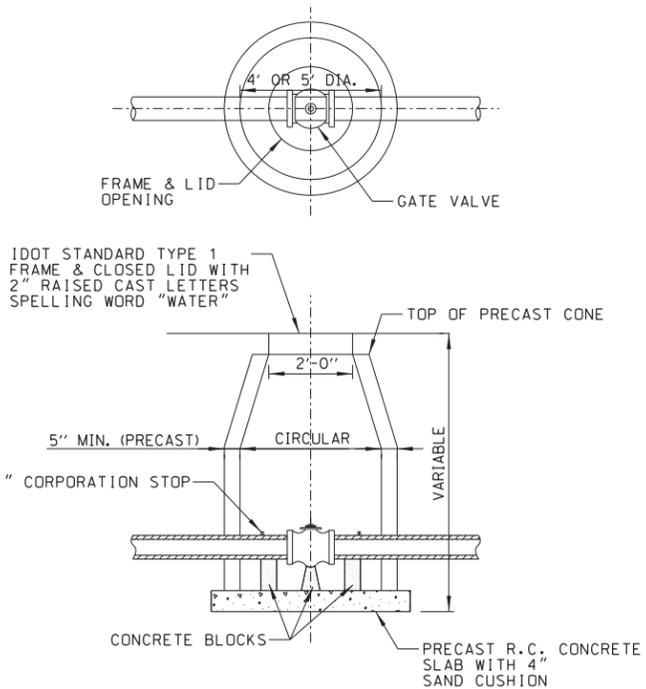
F.A.P. RTE. 330	SECTION 0105-WRS	COUNTY COOK	TOTAL SHEETS 537	SHEET NO. 197
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60P35	



SIZE OF PIPE	TAPPING TEES, SLEEVES AND PLUGS				90° BENDS				45° BENDS OR LESS						
	HI	H	V	D	C. FT.	HI	H	V	D	C. FT.	HI	H	V	D	C. FT.
12"	54"	30"	24"	24"	13.40	54"	32"	36"	36"	18.15	42"	18"	24"	24"	9.60
8"	36"	18"	18"	18"	5.05	39"	18"	24"	18"	7.50	30"	11"	18"	18"	3.95
6"	24"	16"	18"	18"	3.50	30"	16"	18"	18"	4.05	24"	10"	16"	18"	3.20
4"	20"	13"	15"	15"	2.15	24"	12"	13"	13"	1.75	20"	8"	12"	12"	1.20

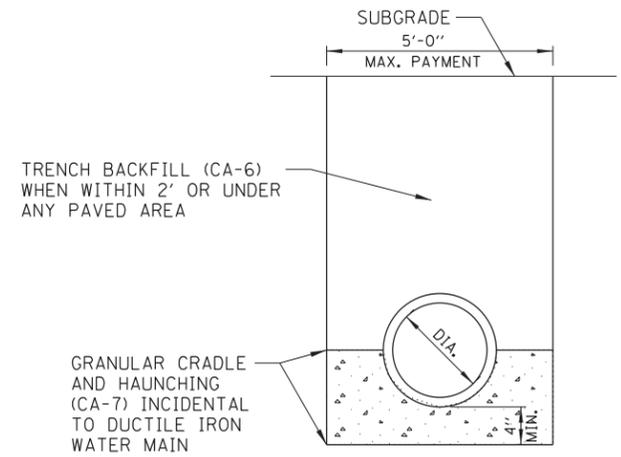
WATERMAIN THRUST BLOCKING - TABLE A
N.T.S.

NOTE: THRUST BLOCKING TO BE INSTALLED AT ALL HORIZONTAL AND VERTICAL BENDS, CAPS, VALVES, HYDRANTS AND AT LOCATIONS DIRECTED BY ENGINEER. THRUST BLOCK TO BE READY MIXED PORTLAND CEMENT CONCRETE, PLACED BETWEEN SOLID GROUND AND FITTING, AND SHALL BE ANCHORED IN SUCH A MANNER THAT PIPE AND FITTING WILL BE ACCESSIBLE FOR REPAIR. ALL ENDS OD 1 1/4" OR MORE. ALL TEES AND ALL PLUGS SHALL BE PROTECTED AS SHOWN. WHERE CONDITIONS PREVENT THE USE OF CONCRETE THRUST BLOCKS, RESTRAINED JOINTS OF A TYPE APPROVED BY THE ENGINEER MAY BE USED.

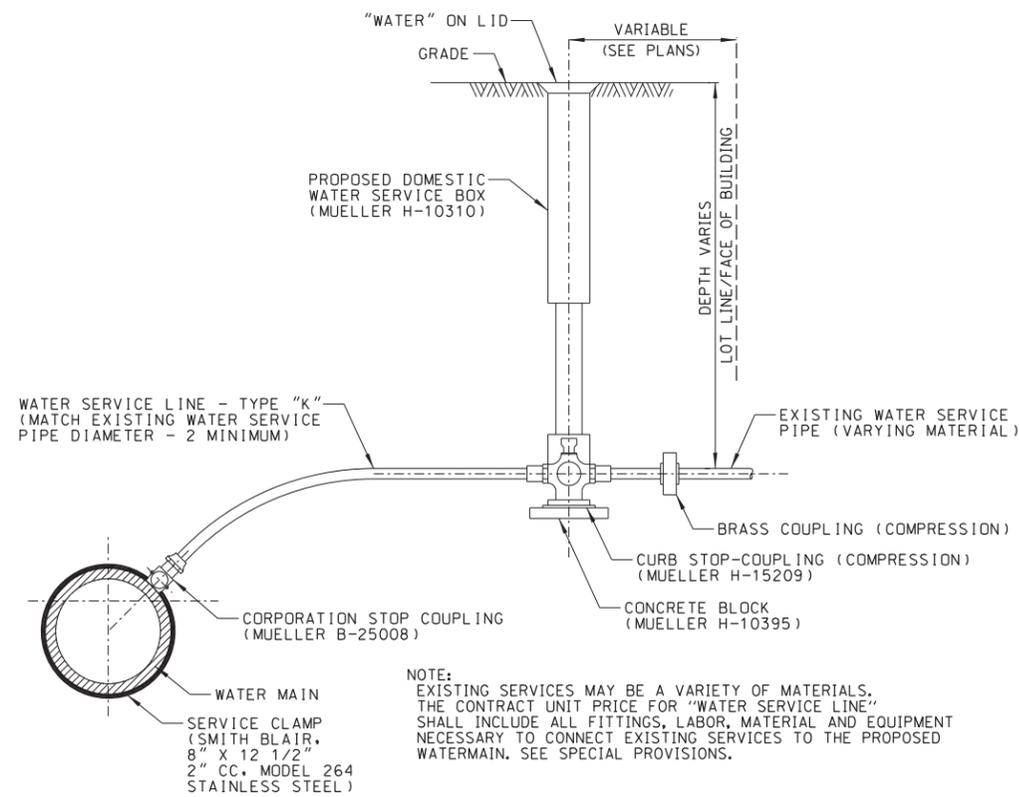


NOTE: THE CONTRACT UNIT PRICE FOR VALVE VAULTS TYPE A SHALL INCLUDE THE FRAME AND CLOSED LID, AND COMPACTED TRENCH BACKFILL. PRECAST REINFORCED CONCRETE RISERS ARE TO BE LAID IN MASTIC JOINTS WITH FLUSH JOINTS. FURNISHING AND INSTALLING SAND CUSHION TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR VALVE VAULT, TYPE A.

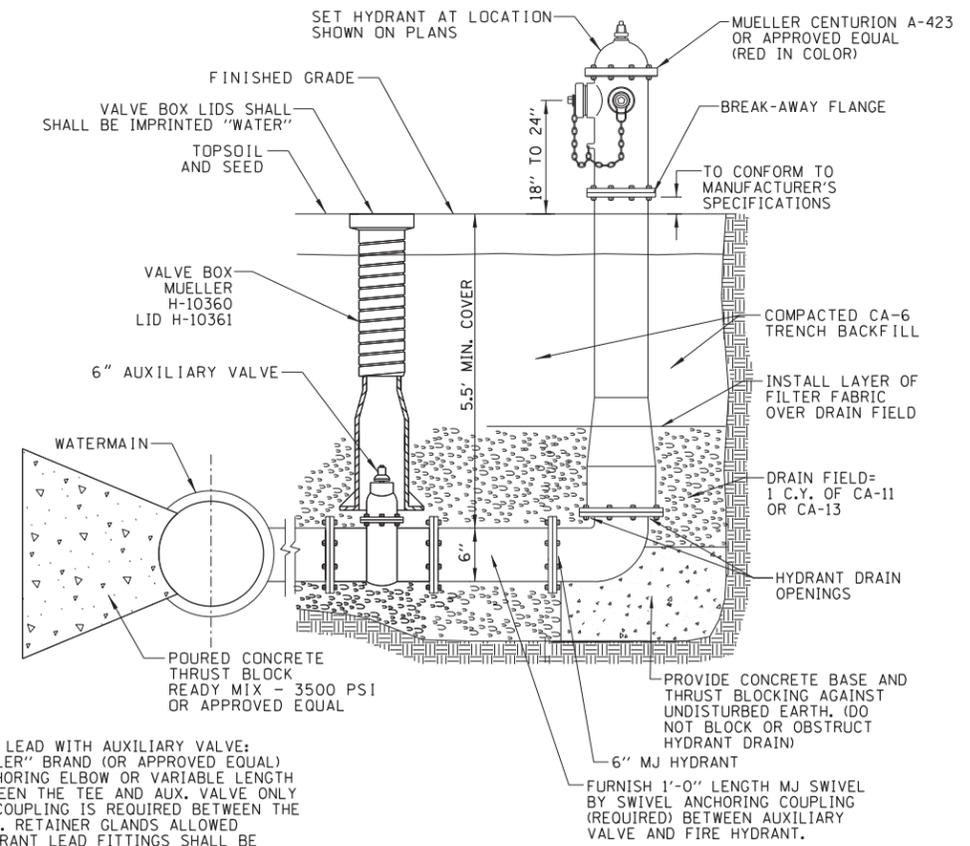
STANDARD TYPE "A" VALVE VAULT
N.T.S.



TYPICAL TRENCH DETAIL FOR WATER MAIN
N.T.S.



TYPICAL WATER SERVICE CONNECTION
N.T.S.



FIRE HYDRANT WITH AUX. VALVE AND VALVE BOX
N.T.S.

FIRE HYDRANT SPECIFICATIONS:
TYPE: MUELLER CENTURION A-423
SIZE OF MAIN VALVE OPENING: 5 1/4"
HOSE NOZZLES: 2 - 2 1/2" N.S.T.
SEAMER NOZZLE: 1 - 4 1/2" N.S.T.
INLET CONNECTION: MECHANICAL JOINT
DIRECTION OF OPENING: COUNTER CLOCKWISE
SHAPE OF OPERATING NUT: PENTAGON
COLOR: RED
MUNICIPALITY: VILLAGE OF ROSEMONT
PREFERRED ANCHORING FITTINGS FOR HYDRANT LEAD WITH AUXILIARY VALVE: STANDARD ALL MJ TEE WITH "MEG LUG OR TYLER" BRAND (OR APPROVED EQUAL) MJ RETAINER GLANDS, SWIVEL BY SWIVEL ANCHORING ELBOW OR VARIABLE LENGTH SWIVEL BY SWIVEL ANCHORING COUPLING BETWEEN THE TEE AND AUX. VALVE ONLY (1'-0" LENGTH SWIVEL BY SWIVEL ANCHORING COUPLING IS REQUIRED BETWEEN THE AUXILIARY VALVE AND HYDRANT INSTALLATION). RETAINER GLANDS ALLOWED ONLY AT CONNECTION TO TEE. ALL OTHER HYDRANT LEAD FITTINGS SHALL BE SWIVEL BY SWIVEL TYPE, INCLUDING AUXILIARY VALVE FITTINGS.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
AT	HIGGINS ROAD & LAWRENCE ROAD	COOK	6	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLANS
**FOR PROPOSED
FEDERAL AID HIGHWAY**

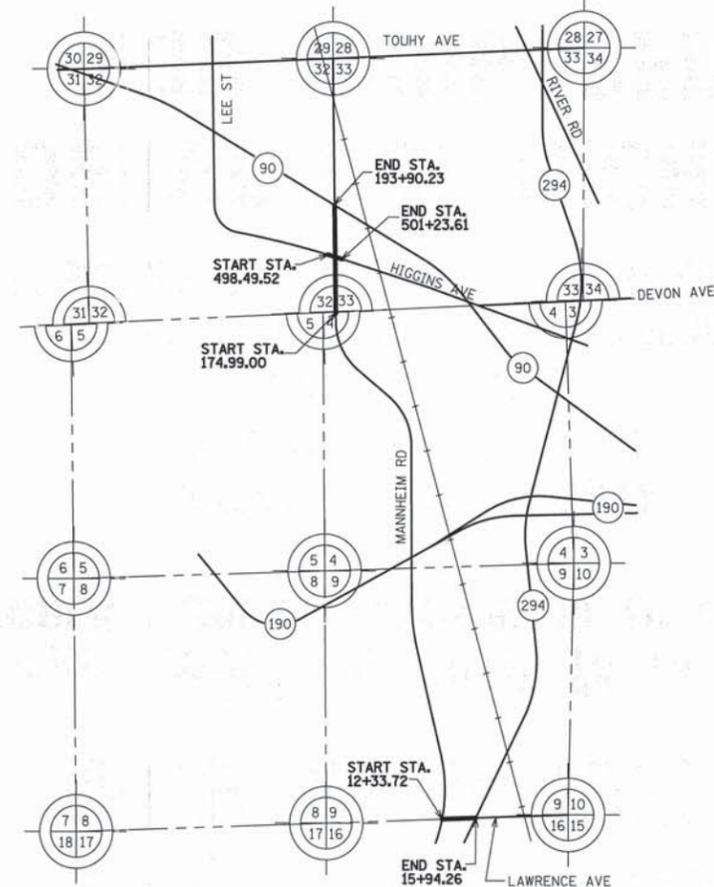
ROUTE: IL ROUTE 45/US ROUTE 12 (MANNHEIM ROAD)
SECTION: AT HIGGINS ROAD & AT LAWRENCE AVENUE

PROJECT NO.:
JOB NO.: R-90-026-11
COUNTY: COOK COUNTY

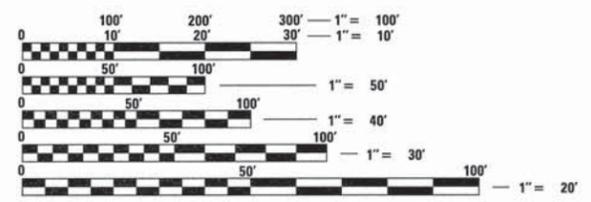
LIMITS:
MANNHEIM ROAD - 174+99.00 TO 193+90.23
LAWRENCE ROAD - 12+33.72 TO 15+94.26



LOCATION OF SECTION INDICATED THUS: - [black rectangle]



PROJECT LENGTH:
1891 LINEAL FEET (0.358 MILES) MANNHEIM ROAD
360 LINEAL FEET (0.068 MILES) LAWRENCE ROAD



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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AUG 19 2011
PLATS & LEGALS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED _____ 20 _____
DISTRICT ENGINEER

EXAMINED _____ 20 _____
DISTRICT RIGHT OF WAY PLANS ENGINEER

PASSED _____ 20 _____
DISTRICT LAND ACQUISITION ENGINEER

REVIEWED _____ 20 _____
CENTRAL BUREAU RIGHT OF WAY PLANS ENGINEER

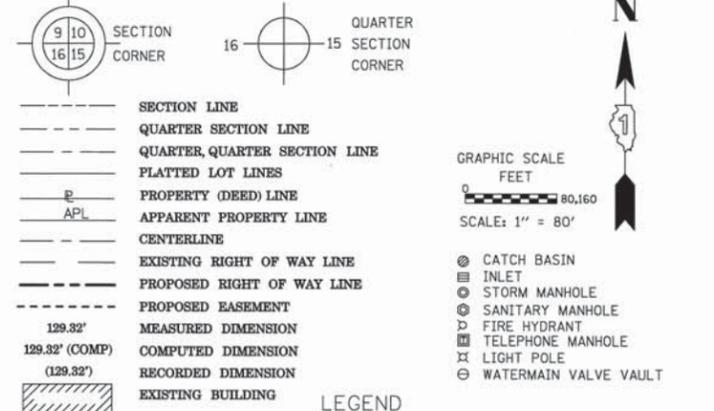
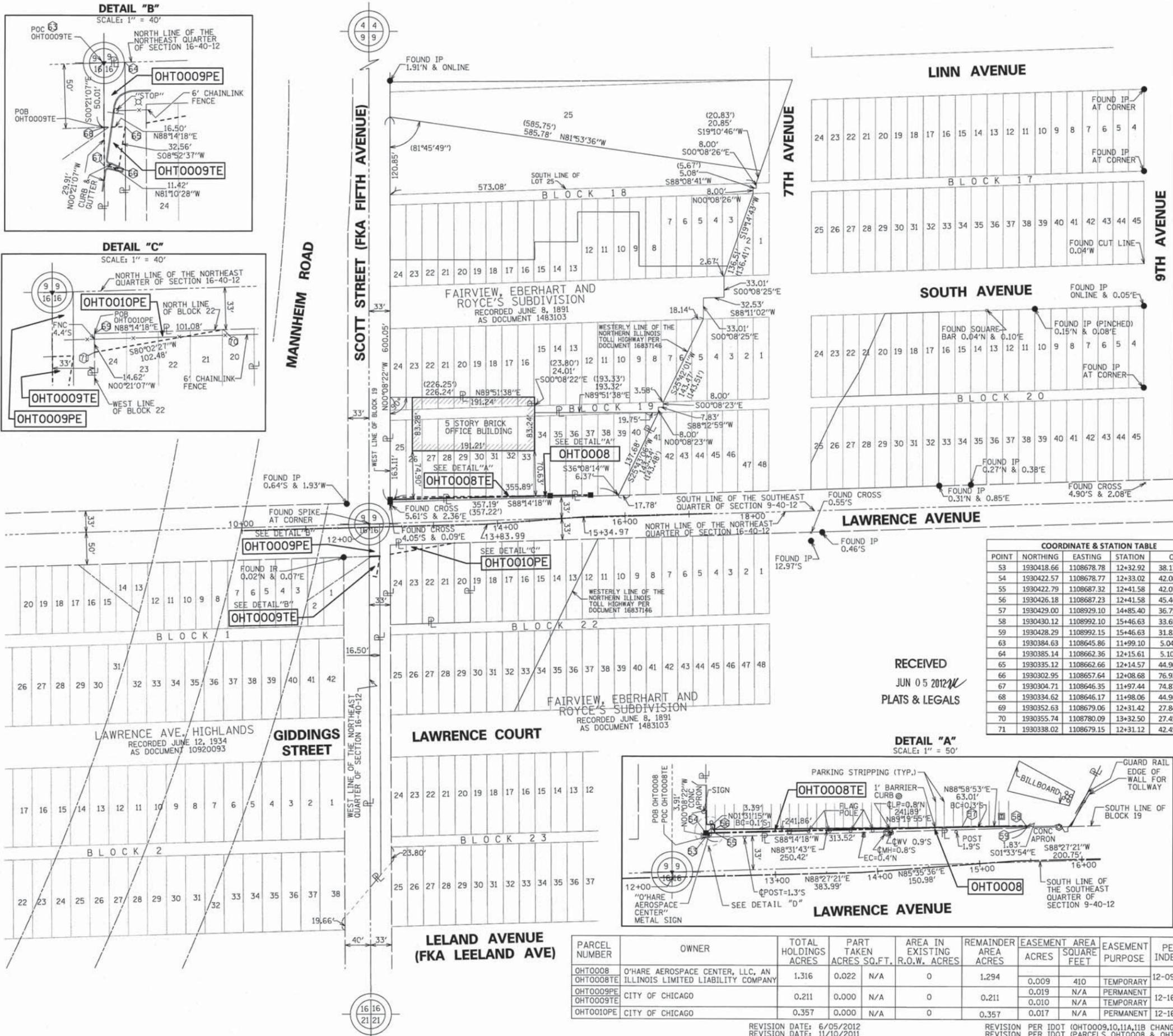
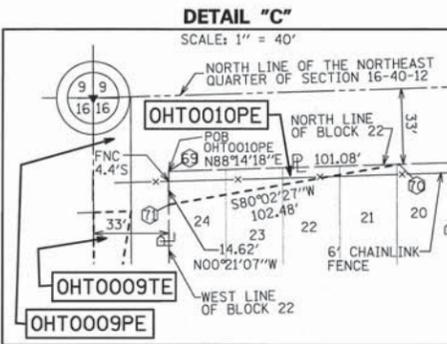
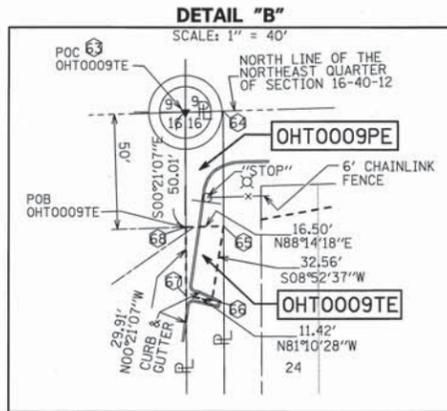
APPROVED _____ 20 _____
ENGINEER OF LAND ACQUISITION



**CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS**

9575 W. Higgins Road, Suite 6370,
Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065

PART OF THE SOUTHEAST QUARTER OF SECTION 9 & THE NORTHEAST QUARTER OF SECTION 16 TWP. 40 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



Bearings are referenced to the Illinois State Plane Coordinate Grid System, NAD83, East Zone, as provided by the Illinois Department of Transportation.

IRON PIPE OR ROD FOUND ○ REPLACED AFTER CONSTRUCTION

CUT CROSS FOUND OR SET
 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

BT1 BT2 BT3
 THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION. BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

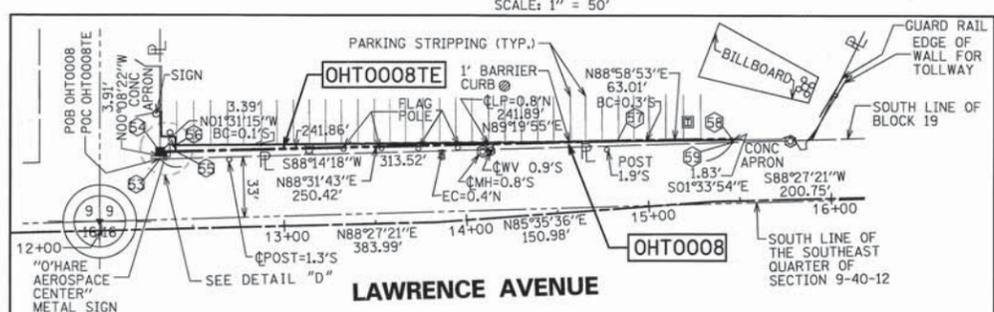
STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS) RIGHT OF WAY STAKING PROPOSED TO BE SET

COORDINATE & STATION TABLE

POINT	NORTHING	EASTING	STATION	OFFSET
53	1930418.66	1108678.78	12+32.92	38.17 LEFT
54	1930422.57	1108678.77	12+33.02	42.08 LEFT
55	1930422.79	1108687.32	12+41.58	42.07 LEFT
56	1930426.18	1108687.23	12+41.58	45.46 LEFT
57	1930429.00	1108929.10	14+85.40	36.75 LEFT
58	1930430.12	1108992.10	15+46.63	33.65 LEFT
59	1930428.29	1108992.15	15+46.63	31.82 LEFT
63	1930384.63	1108645.86	11+99.10	5.04 LEFT
64	1930385.14	1108662.36	12+15.61	5.10 LEFT
65	1930335.12	1108662.66	12+14.57	44.90 RIGHT
66	1930302.95	1108657.64	12+08.68	76.92 RIGHT
67	1930304.71	1108646.35	11+97.44	74.87 RIGHT
68	1930334.62	1108646.17	11+98.06	44.96 RIGHT
69	1930352.63	1108679.06	12+31.42	27.84 RIGHT
70	1930355.74	1108780.09	13+32.50	27.45 RIGHT
71	1930338.02	1108679.15	12+31.12	42.45 RIGHT

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PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
OHT0008	O'HARE AEROSPACE CENTER, LLC. AN ILLINOIS LIMITED LIABILITY COMPANY	1.316	0.022	N/A	0	1.294	0.009	410	TEMPORARY	12-09-429-055 (PT)
OHT0009PE	CITY OF CHICAGO	0.211	0.000	N/A	0	0.211	0.019	N/A	PERMANENT	12-16-200-001 (PT)
OHT0009TE	CITY OF CHICAGO	0.357	0.000	N/A	0	0.357	0.010	N/A	TEMPORARY	12-16-201-002 (PT)
OHT0010PE	CITY OF CHICAGO	0.357	0.000	N/A	0	0.357	0.017	N/A	PERMANENT	12-16-201-002 (PT)

REVISION DATE: 6/05/2012
 REVISION DATE: 11/10/2011
 REVISION DATE: 9/22/2011
 REVISION DATE: 8/18/2011

REVISION PER IDOT (OHT0009, 10, 11A, 11B CHANGE TO PE)
 REVISION PER IDOT (PARCELS OHT0008 & OHT0008TE)
 REVISION PER IDOT
 REVISION PER IDOT

MADE BY SDS
 MADE BY RYP
 MADE BY RYP
 MADE BY JWM

SPACECO INC.
 CONSULTING ENGINEERS
 SITE DEVELOPMENT ENGINEERS
 LAND SURVEYORS

9575 W. Higgins Road, Suite 700,
 Rosemont, Illinois 60018
 Phone: (847) 696-4060 Fax: (847) 696-4065

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 MANNHEIM ROAD (US ROUTE 12/45)

SECTION: AT HIGGINS & LAWRENCE COUNTY: COOK
 PROJECT: MANNHEIM RD JOB NO.: R-90-026-11
 STATION 11+97.87 TO STATION 15+94.26
 SCALE: 1" = 80' SHEET 2 OF 6

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196