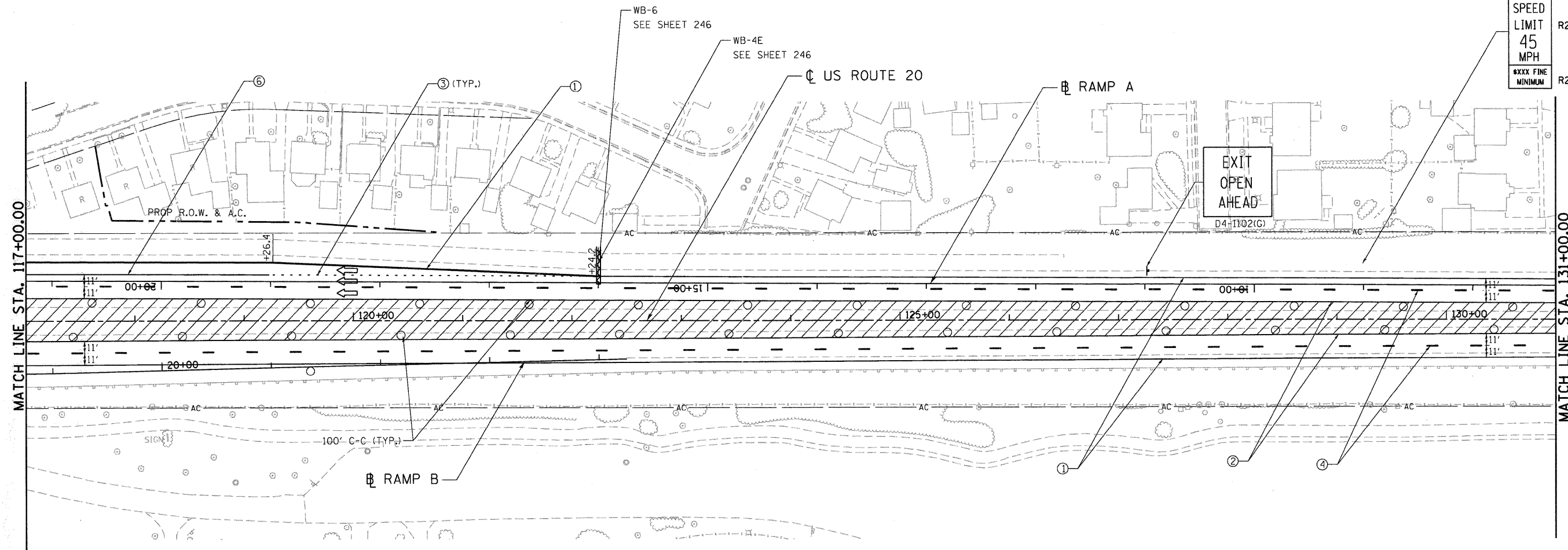




WORK ZONE	W2-1115(0)-3618
SPEED LIMIT	R2-1-3648
45 MPH	
MINIMUM	R2-1106-3618



**LEGEND**

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

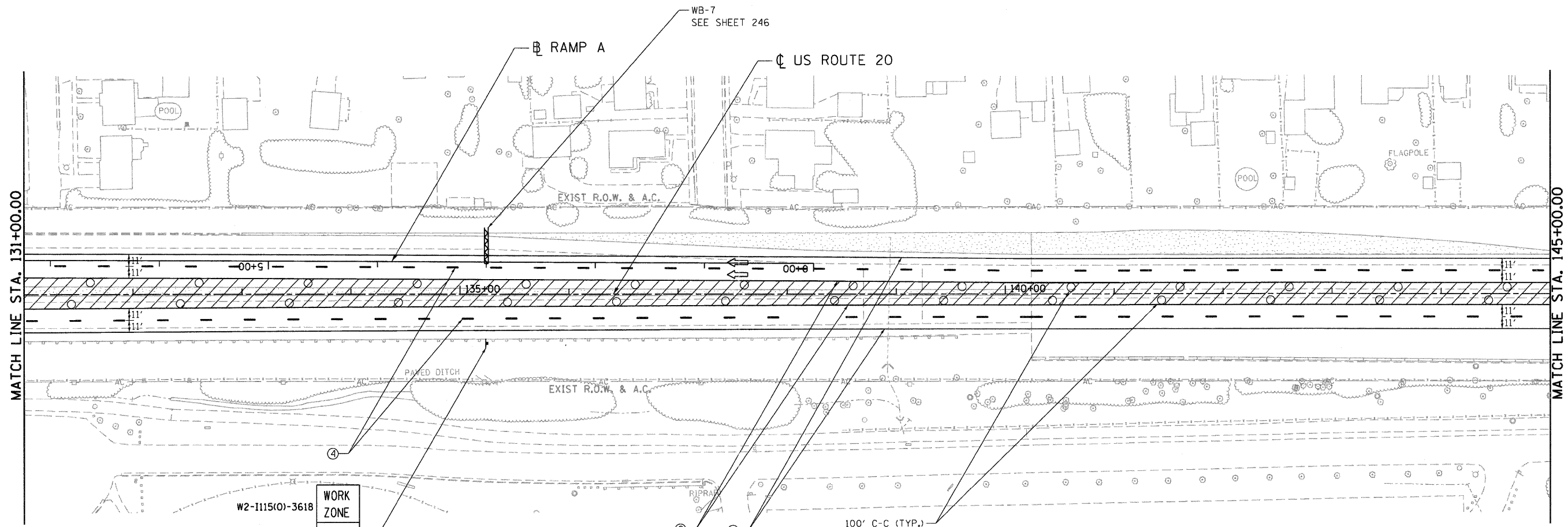
**PAVEMENT MARKING LEGEND-US 20 STAGING**

- ① WET REF TEM TAPE T3 4 (SOLID, WHITE)
- ② WET REF TEM TAPE T3 4 (SOLID, YELLOW)
- ③ WET REF TEM TAPE T3 4 (2' DASH - 6' SKIP, WHITE)
- ④ WET REF TEM TAPE T3 4 (10' DASH - 30' SKIP, WHITE)
- ⑤ WET REF TEM TAPE T3 6 (SOLID, WHITE)
- ⑥ WET REF TEM TAPE T3 8 (SOLID, WHITE)
- ⑦ WET REF TEM TAPE T3 8 (2' DASH - 6' SKIP, WHITE)
- ⑧ WET REF TEM TAPE T3 12 (SOLID, WHITE)
- ⑨ WET REF TEM TAPE T3 12 (SOLID, YELLOW)
- ⑩ WET REF TEM TAPE T3 24 (SOLID, WHITE)
- ⑪ WET REF TEM TAPE T3 LETTERS AND SYMBOLS

\D:\168\45-BORDER\168\168.DGN, \D:\168\45-LEGEND.DGN, \D:\168\45-STAGING-3.DGN, \D:\168\45-TOPO-3.DGN, \D:\168\45-DRAW\168.DGN, \D:\168\45-LEGEND.DGN  
 \D:\168\45-BORDER\168\168.DGN, \D:\168\45-LEGEND.DGN, \D:\168\45-STAGING-3.DGN, \D:\168\45-TOPO-3.DGN, \D:\168\45-DRAW\168.DGN, \D:\168\45-LEGEND.DGN  
 12-12-2011 13:00:44

FILE NAME =	USER NAME = #USER#	DESIGNED - MM	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20	<b>STAGING AND TRAFFIC CONTROL</b> <b>STAGE III</b> <b>U.S. ROUTE 20</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - KKS	REVISED -		345	8R-R	KANE	794	201			
	PLOT SCALE = #SCALE#	CHECKED - PB	REVISED -		SCALE: 1"=50'		SHEET NO. OF		STA. 117+00.00 TO STA. 131+00.00		CONTRACT NO. 60H45	
	PLOT DATE = #DATE#	DATE - 12/16/11	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							





W2-1115(O)-3618  
R2-1-3648  
R2-1106-3618

**WORK ZONE**  
**SPEED LIMIT**  
**45 MPH**  
\*XXX FINE MINIMUM

**LEGEND**

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-US 20 STAGING**

- ① WET REF TEM TAPE T3 4 (SOLID, WHITE)
- ② WET REF TEM TAPE T3 4 (SOLID, YELLOW)
- ③ WET REF TEM TAPE T3 4 (2' DASH - 6' SKIP, WHITE)
- ④ WET REF TEM TAPE T3 4 (10' DASH - 30' SKIP, WHITE)
- ⑤ WET REF TEM TAPE T3 6 (SOLID, WHITE)
- ⑥ WET REF TEM TAPE T3 8 (SOLID, WHITE)
- ⑦ WET REF TEM TAPE T3 8 (2' DASH - 6' SKIP, WHITE)
- ⑧ WET REF TEM TAPE T3 12 (SOLID, WHITE)
- ⑨ WET REF TEM TAPE T3 12 (SOLID, YELLOW)
- ⑩ WET REF TEM TAPE T3 24 (SOLID, WHITE)
- ⑪ WET REF TEM TAPE T3 LETTERS AND SYMBOLS

FILE NAME =  
#FILEL#

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

USER NAME = #USER#

PLOT SCALE = #SCALE#

PLOT DATE = #DATE#

DESIGNED - MM

DRAWN - KKS

CHECKED - PB

DATE - 12/16/11

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
FAP ROUTE 345 / US ROUTE 20

**STAGING AND TRAFFIC CONTROL**  
**STAGE III**  
**U.S. ROUTE 20**

SCALE: 1"=50'

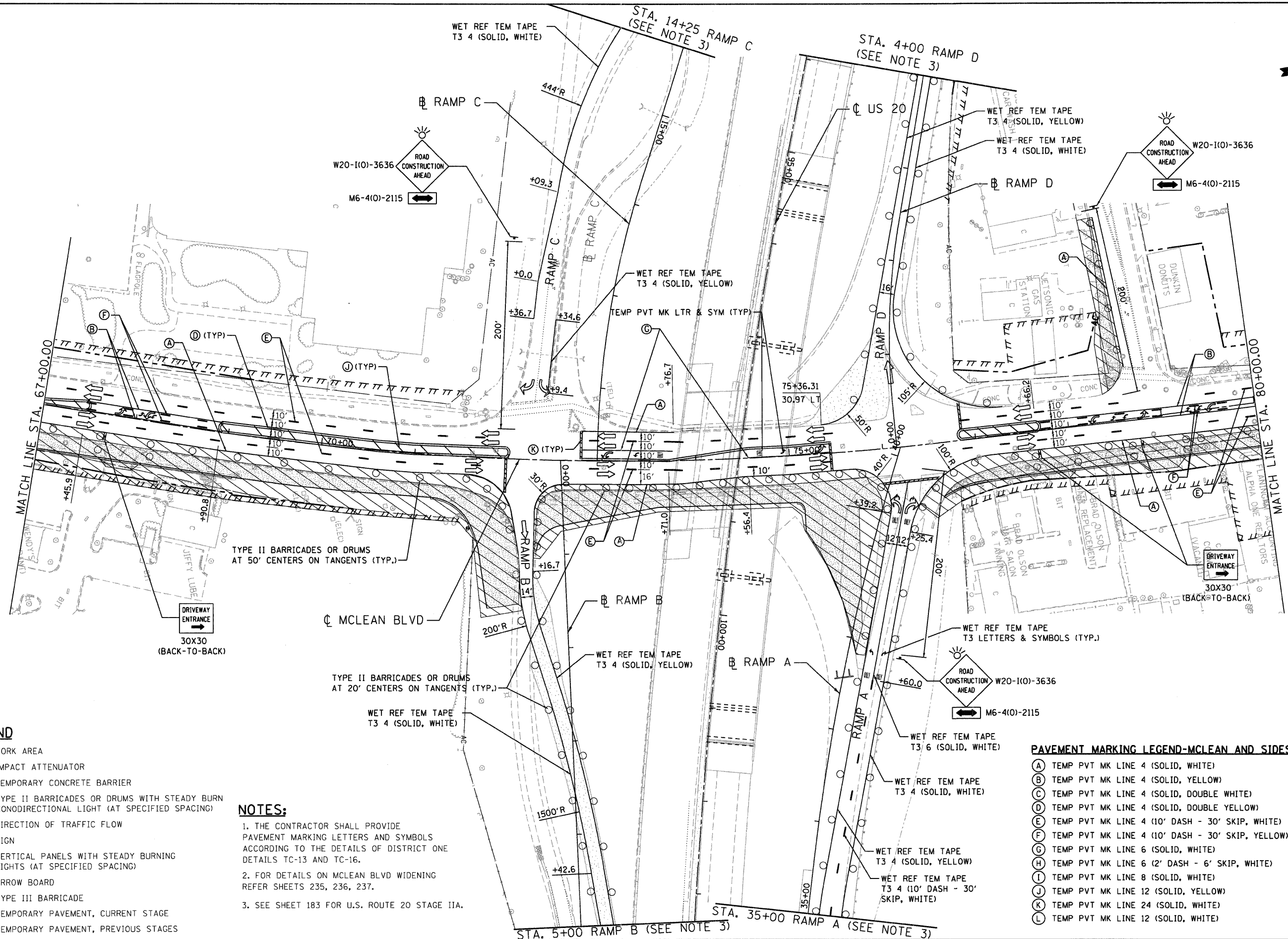
SHEET NO. OF STA. 131+00.00 TO STA. 145+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	202
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 60H45	

..\D:\60H45-BORDER\LDON.. \DIMASTER-ALIGNMENT.DGN, ..\D:\60H45-LEGEND.DGN, ..\D:\60H45-TOPO-3.DGN, ..\D:\60H45-LEGEND.DGN, ..\D:\60H45-DRAIN\01.DGN, ..\DIMASTER-ROW\05.DGN  
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 BA.ZEKKJ \VFS-004\MAIN\VAULT.D-TRANS.B7\2202\21379-00\CIVIL\CAD\60H45-SHEET.DWG\60H45-SHT-STAGING.DWG.DGN







### LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

### NOTES:

1. THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS ACCORDING TO THE DETAILS OF DISTRICT ONE DETAILS TC-13 AND TC-16.
2. FOR DETAILS ON MCLEAN BLVD WIDENING REFER SHEETS 235, 236, 237.
3. SEE SHEET 183 FOR U.S. ROUTE 20 STAGE IIA.

### PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)












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FILE NAME = #FILEL#		USER NAME = #USER#		DESIGNED - MM		REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20				<b>STAGING AND TRAFFIC CONTROL</b> <b>STAGE II.1</b> <b>MCLEAN BOULEVARD</b>				F.A.P. RTEL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = #SCALE#		DRAWN - KKS		REVISED -		SCALE: 1"=50'				SHEET NO. OF				345	8R-R	KANE	794	205
		PLOT DATE = #DATE#		CHECKED - PB		REVISED -		STA. 67+00.00 TO STA. 80+00.00				STA. 67+00.00 TO STA. 80+00.00				CONTRACT NO. 60H45				
				DATE - 12/16/11		REVISED -		FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT								



\D:\60H45-BORDER\01.DGN, \D:\60H45-LEGEND.DGN, \D:\60H45-STAGING2-2.DGN, \D:\60H45-ORAINP\01.DGN, \D:\60H45-LEGEND.DGN, \D:\60H45-TOPO2-2.DGN, \D:\60H45-TOP2-2.DGN, \D:\60H45-TOP2-2.DGN, \D:\60H45-SHEET.DWG, \D:\60H45-SHT-STAGINGM4.DGN, \D:\60H45-BORDER\01.DGN, \D:\60H45-LEGEND.DGN, \D:\60H45-STAGING2-2.DGN, \D:\60H45-ORAINP\01.DGN, \D:\60H45-LEGEND.DGN, \D:\60H45-TOP2-2.DGN, \D:\60H45-TOP2-2.DGN, \D:\60H45-TOP2-2.DGN, \D:\60H45-SHEET.DWG, \D:\60H45-SHT-STAGINGM4.DGN

**LEGEND**

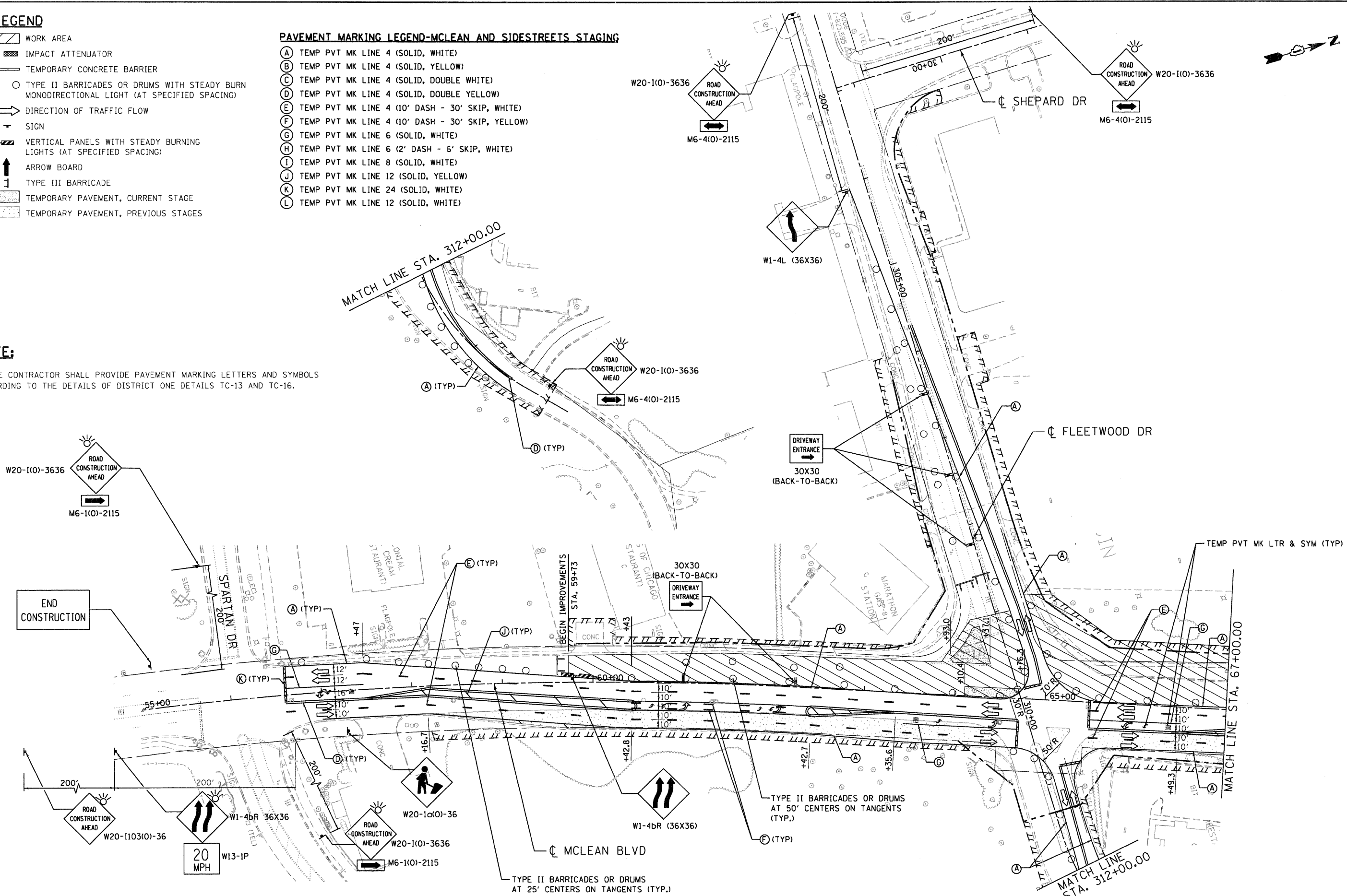
-  WORK AREA
-  IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  TEMPORARY PAVEMENT, CURRENT STAGE
-  TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

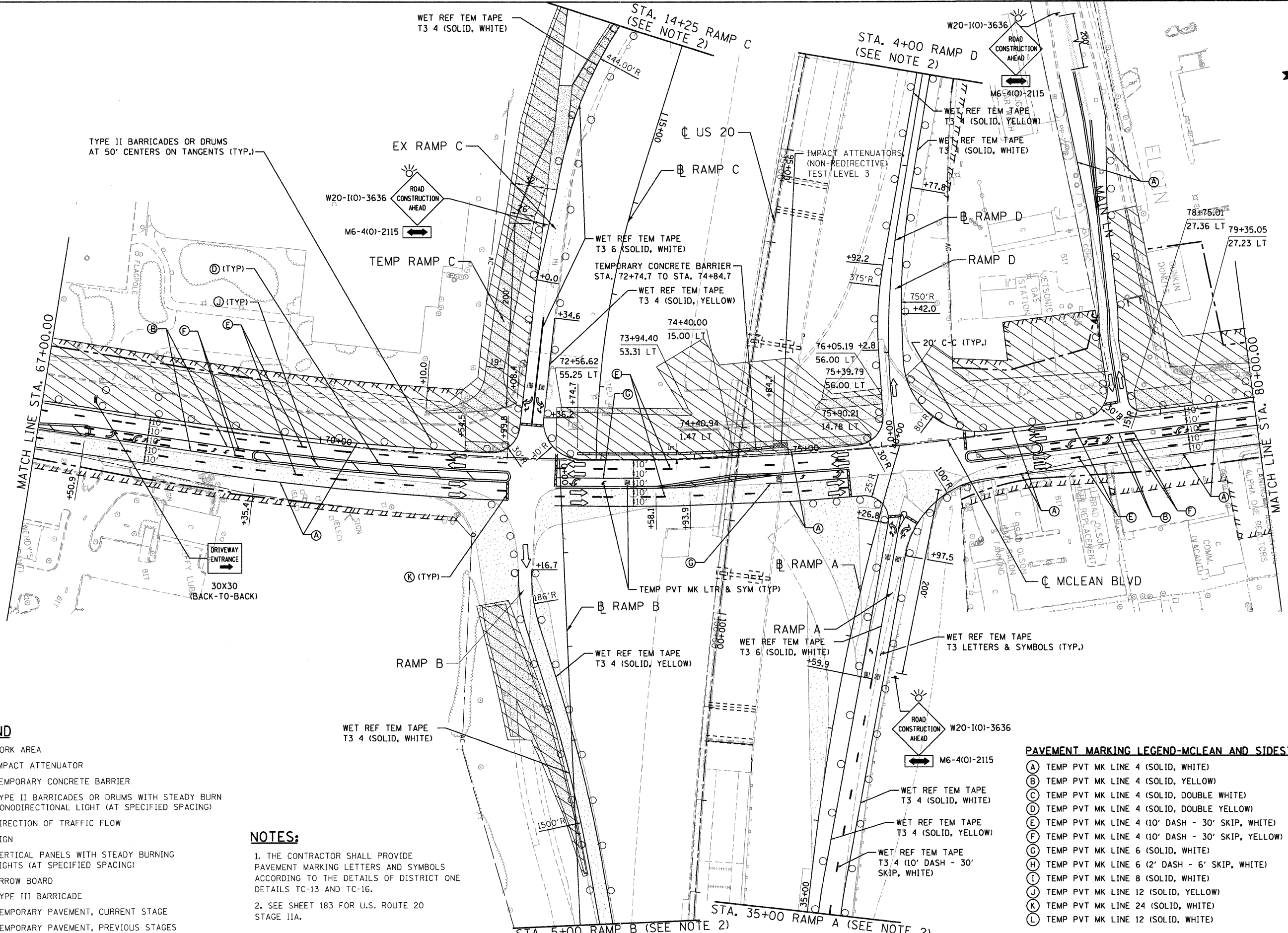
- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

**NOTE:**

1) THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS ACCORDING TO THE DETAILS OF DISTRICT ONE DETAILS TC-13 AND TC-16.



FILE NAME = #FILEL# USER NAME = #USER# DESIGNED - MM DRAWN - SA CHECKED - PB DATE - 12/16/11		REVISED - REVISED - REVISED - REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20		STAGING AND TRAFFIC CONTROL STAGE II.2A MCLEAN BOULEVARD		F.A.P. RTE. 345 SECTION 8R-R COUNTY KANE TOTAL SHEETS 794 SHEET NO. 207		CONTRACT NO. 60H45	
SCALE: 1"=50' SHEET NO. OF STA. 55+00.00 TO STA. 67+00.00				FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							



TYPE II BARRICADES OR DRUMS AT 50' CENTERS ON TANGENTS (TYP.)

- LEGEND**
- ▨ WORK AREA
  - ▦ IMPACT ATTENUATOR
  - ▬ TEMPORARY CONCRETE BARRIER
  - ○ ○ ○ ○ TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
  - ➔ DIRECTION OF TRAFFIC FLOW
  - ⊕ SIGN
  - ▨ ▨ ▨ ▨ VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
  - ↑ ARROW BOARD
  - ▬ TYPE III BARRICADE
  - ▨ TEMPORARY PAVEMENT, CURRENT STAGE
  - ▨ TEMPORARY PAVEMENT, PREVIOUS STAGES

**NOTES:**

1. THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS ACCORDING TO THE DETAILS OF DISTRICT ONE DETAILS TC-13 AND TC-16.
2. SEE SHEET 183 FOR U.S. ROUTE 20 STAGE IIA.

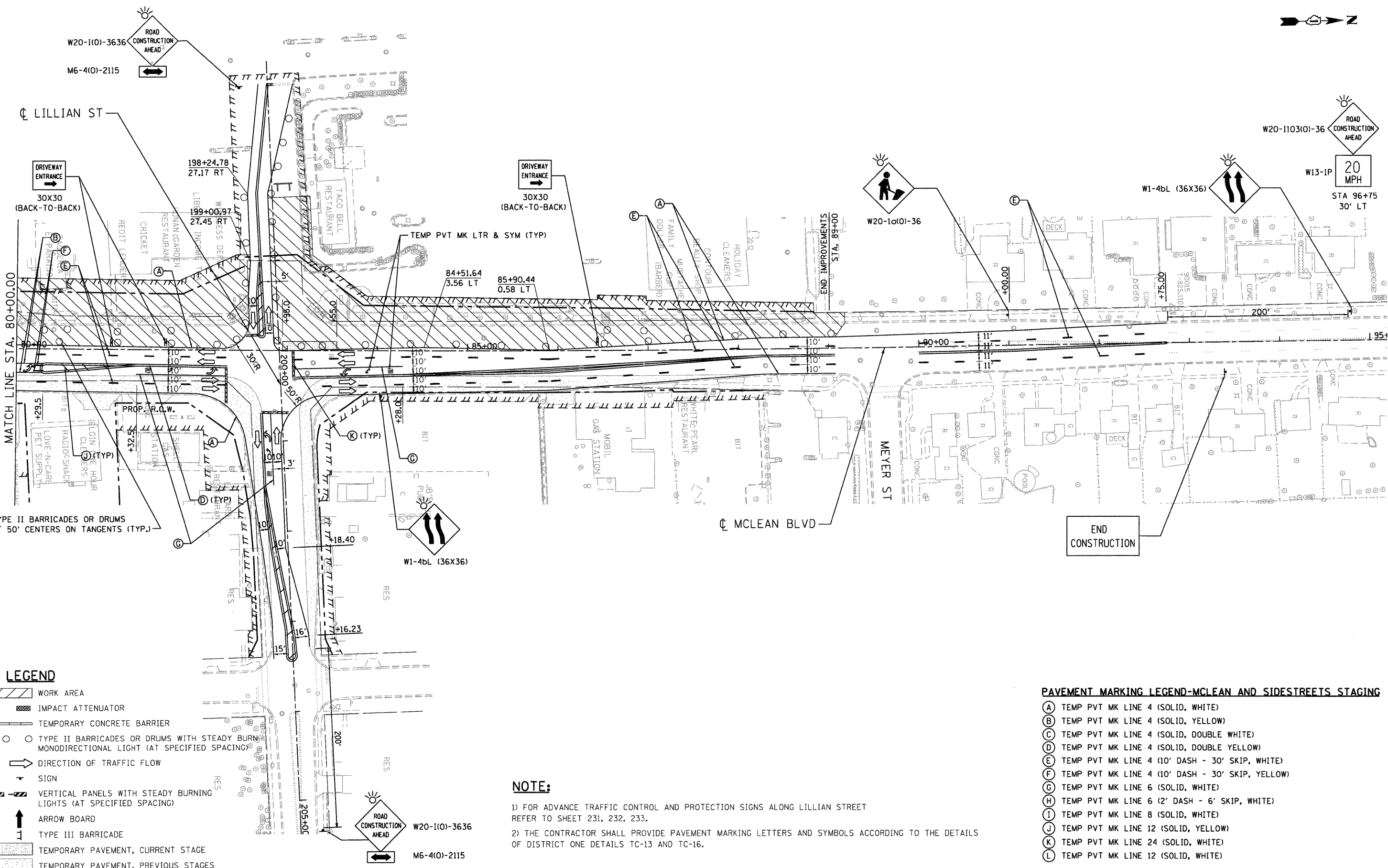
- PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**
- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
  - (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
  - (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
  - (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
  - (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
  - (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
  - (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
  - (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
  - (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
  - (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
  - (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
  - (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

\\0168H45-BORDER01.DGN, \\0168H45-LEGEND.DGN, \\0168H45-STAGING2-DGN, \\0168H45-TOP02-DGN, \\0168H45-ORAINP01.DGN, \\0168H45-LEGEND.DGN  
 \\0168H45-BORDER01.DGN, \\0168H45-LEGEND.DGN, \\0168H45-STAGING2-DGN, \\0168H45-TOP02-DGN, \\0168H45-ORAINP01.DGN, \\0168H45-LEGEND.DGN  
 STANKIRJ \\\NF5-00A\4\4\VA\VAL\T\J-D-FRANS.87\2202\21379-00\1\CIVIL\CAO\68H45\SHET\0168H45-SHT-STAGINGM5.DGN

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20</b>			<b>STAGING AND TRAFFIC CONTROL STAGE II.2A MCLEAN BOULEVARD</b>			F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 208
	PLLOT SCALE = #SCALE#	CHECKED - PB	REVISED -							SCALE: 1"=50'		SHEET NO.	OF	STA. 67+00.00
<b>TENG</b> <small>ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS</small>		PLLOT DATE = #DATE#	DATE - 12/16/11	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									



\\D:\6045-BORDER\01.DGN, \\D:\6045-BORDER\02.DGN, \\D:\6045-BORDER\03.DGN, \\D:\6045-BORDER\04.DGN, \\D:\6045-BORDER\05.DGN, \\D:\6045-BORDER\06.DGN, \\D:\6045-BORDER\07.DGN, \\D:\6045-BORDER\08.DGN, \\D:\6045-BORDER\09.DGN, \\D:\6045-BORDER\10.DGN, \\D:\6045-BORDER\11.DGN, \\D:\6045-BORDER\12.DGN, \\D:\6045-BORDER\13.DGN, \\D:\6045-BORDER\14.DGN, \\D:\6045-BORDER\15.DGN, \\D:\6045-BORDER\16.DGN, \\D:\6045-BORDER\17.DGN, \\D:\6045-BORDER\18.DGN, \\D:\6045-BORDER\19.DGN, \\D:\6045-BORDER\20.DGN, \\D:\6045-BORDER\21.DGN, \\D:\6045-BORDER\22.DGN, \\D:\6045-BORDER\23.DGN, \\D:\6045-BORDER\24.DGN, \\D:\6045-BORDER\25.DGN, \\D:\6045-BORDER\26.DGN, \\D:\6045-BORDER\27.DGN, \\D:\6045-BORDER\28.DGN, \\D:\6045-BORDER\29.DGN, \\D:\6045-BORDER\30.DGN, \\D:\6045-BORDER\31.DGN, \\D:\6045-BORDER\32.DGN, \\D:\6045-BORDER\33.DGN, \\D:\6045-BORDER\34.DGN, \\D:\6045-BORDER\35.DGN, \\D:\6045-BORDER\36.DGN, \\D:\6045-BORDER\37.DGN, \\D:\6045-BORDER\38.DGN, \\D:\6045-BORDER\39.DGN, \\D:\6045-BORDER\40.DGN, \\D:\6045-BORDER\41.DGN, \\D:\6045-BORDER\42.DGN, \\D:\6045-BORDER\43.DGN, \\D:\6045-BORDER\44.DGN, \\D:\6045-BORDER\45.DGN, \\D:\6045-BORDER\46.DGN, \\D:\6045-BORDER\47.DGN, \\D:\6045-BORDER\48.DGN, \\D:\6045-BORDER\49.DGN, \\D:\6045-BORDER\50.DGN, \\D:\6045-BORDER\51.DGN, \\D:\6045-BORDER\52.DGN, \\D:\6045-BORDER\53.DGN, \\D:\6045-BORDER\54.DGN, \\D:\6045-BORDER\55.DGN, \\D:\6045-BORDER\56.DGN, \\D:\6045-BORDER\57.DGN, \\D:\6045-BORDER\58.DGN, \\D:\6045-BORDER\59.DGN, \\D:\6045-BORDER\60.DGN, \\D:\6045-BORDER\61.DGN, \\D:\6045-BORDER\62.DGN, \\D:\6045-BORDER\63.DGN, \\D:\6045-BORDER\64.DGN, \\D:\6045-BORDER\65.DGN, \\D:\6045-BORDER\66.DGN, \\D:\6045-BORDER\67.DGN, \\D:\6045-BORDER\68.DGN, \\D:\6045-BORDER\69.DGN, \\D:\6045-BORDER\70.DGN, \\D:\6045-BORDER\71.DGN, \\D:\6045-BORDER\72.DGN, \\D:\6045-BORDER\73.DGN, \\D:\6045-BORDER\74.DGN, \\D:\6045-BORDER\75.DGN, \\D:\6045-BORDER\76.DGN, \\D:\6045-BORDER\77.DGN, \\D:\6045-BORDER\78.DGN, \\D:\6045-BORDER\79.DGN, \\D:\6045-BORDER\80.DGN, \\D:\6045-BORDER\81.DGN, \\D:\6045-BORDER\82.DGN, \\D:\6045-BORDER\83.DGN, \\D:\6045-BORDER\84.DGN, \\D:\6045-BORDER\85.DGN, \\D:\6045-BORDER\86.DGN, \\D:\6045-BORDER\87.DGN, \\D:\6045-BORDER\88.DGN, \\D:\6045-BORDER\89.DGN, \\D:\6045-BORDER\90.DGN, \\D:\6045-BORDER\91.DGN, \\D:\6045-BORDER\92.DGN, \\D:\6045-BORDER\93.DGN, \\D:\6045-BORDER\94.DGN, \\D:\6045-BORDER\95.DGN, \\D:\6045-BORDER\96.DGN, \\D:\6045-BORDER\97.DGN, \\D:\6045-BORDER\98.DGN, \\D:\6045-BORDER\99.DGN, \\D:\6045-BORDER\100.DGN



**LEGEND**

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

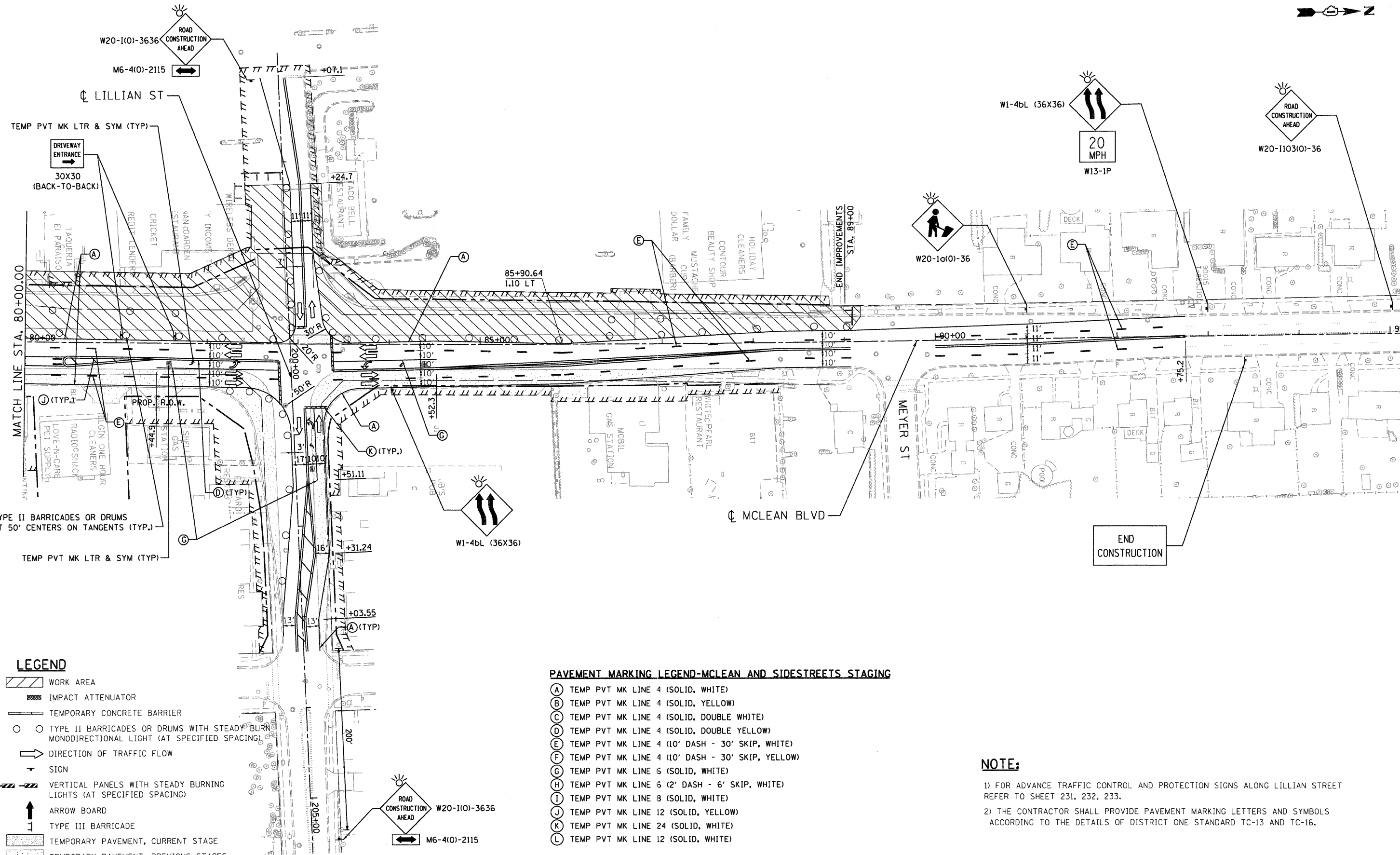
**NOTE:**

- 1) FOR ADVANCE TRAFFIC CONTROL AND PROTECTION SIGNS ALONG LILLIAN STREET REFER TO SHEET 231, 232, 233.
- 2) THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS ACCORDING TO THE DETAILS OF DISTRICT ONE DETAILS TC-13 AND TC-16.

FILE NAME =	USER NAME = #USER#	DESIGNED - MM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>STAGING AND TRAFFIC CONTROL STAGE II.2A MCLEAN BOULEVARD</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - SA	REVISED -					345	8R-R	KANE	794	209	
PLOT SCALE = #SCALE#		CHECKED - PB	REVISED -	FAP ROUTE 345 / US ROUTE 20		SCALE: 1"=50'		SHEET NO.	OF	STA. 80+00.00	TO STA. 91+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
PLOT DATE = #DATE#		DATE - 12/16/11	REVISED -					CONTRACT NO. 60H45					







FILE NAME = ... \D168H45-LEGEND.DGN  
 USER NAME = \*USER\*  
 DESIGNED - JP  
 DRAWN - SA  
 CHECKED - PB  
 DATE - 12/16/11  
 REVISED -  
 REVISED -  
 REVISED -  
 PLOT SCALE = \*SCALE\*  
 PLOT DATE = \*DATE\*  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAP ROUTE 345 / US ROUTE 20  
 STAGING AND TRAFFIC CONTROL  
 STAGE II.2B  
 MCLEAN BOULEVARD  
 SCALE: 1"=50'  
 SHEET NO. OF STA. 80+00.00 TO STA. 91+00.00  
 F.A.P. RTE. 345  
 SECTION 8R-R  
 COUNTY KANE  
 TOTAL SHEETS 794  
 SHEET NO. 212  
 CONTRACT NO. 60H45

**LEGEND**

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**












- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

**NOTE:**

- 1) FOR ADVANCE TRAFFIC CONTROL AND PROTECTION SIGNS ALONG LILLIAN STREET REFER TO SHEET 231, 232, 233.
- 2) THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS ACCORDING TO THE DETAILS OF DISTRICT ONE STANDARD TC-13 AND TC-16.

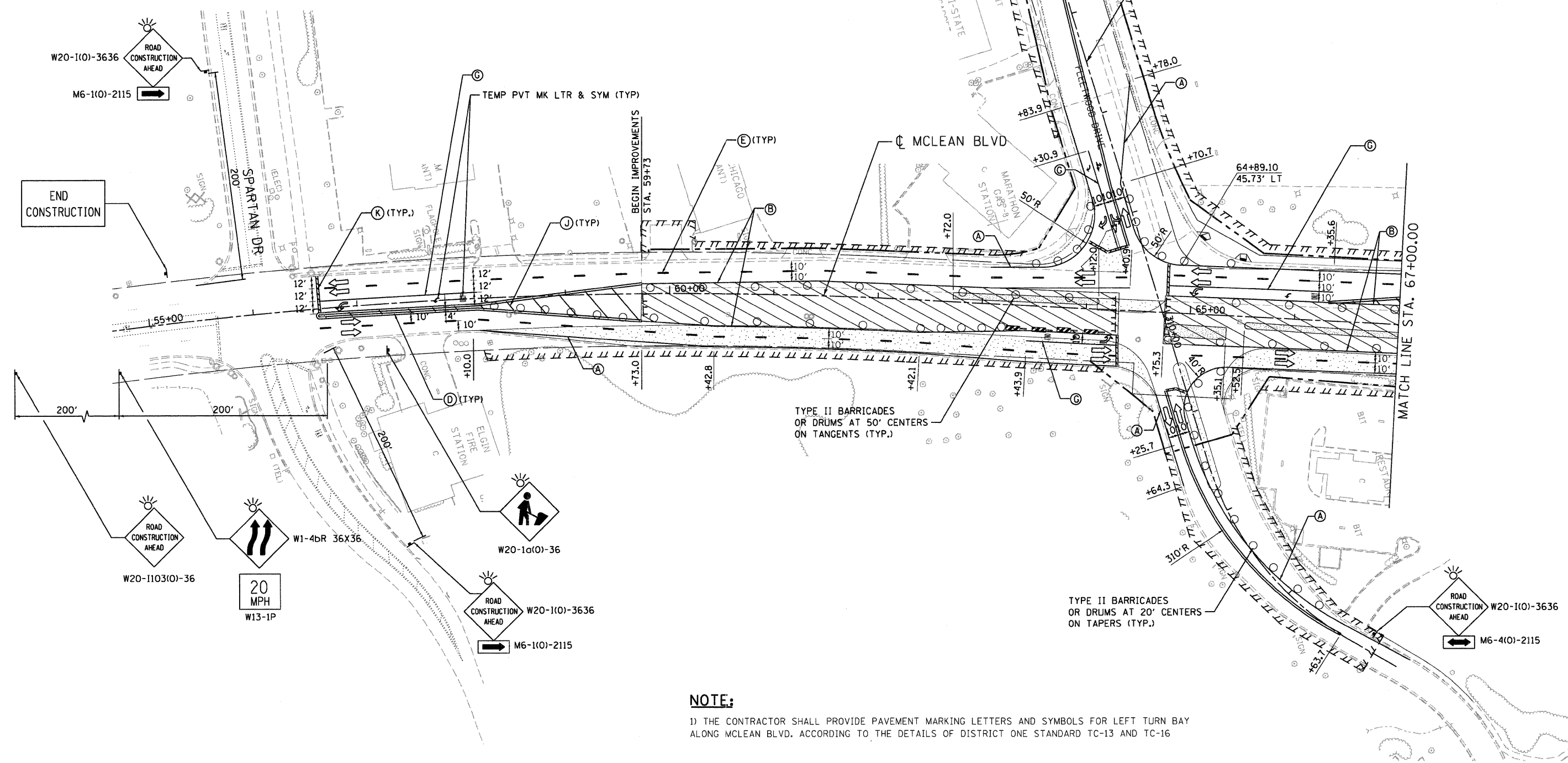
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#FILE#	PLOT SCALE = *SCALE*	DRAWN - SA	REVISED -			SCALE: 1"=50'	SHEET NO. OF	STA. 80+00.00	TO STA. 91+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
<b>TENG</b> TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT DATE = *DATE*	CHECKED - PB	REVISED -			CONTRACT NO. 60H45					

# LEGEND

-  WORK AREA
-  IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  TEMPORARY PAVEMENT, CURRENT STAGE
-  TEMPORARY PAVEMENT, PREVIOUS STAGES

# PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREET'S STAGING

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)



## NOTE:

1) THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS FOR LEFT TURN BAY ALONG MCLEAN BLVD, ACCORDING TO THE DETAILS OF DISTRICT ONE STANDARD TC-13 AND TC-16

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 \\D:\168H45-BORDER01.DGN, \\D:\168H45-LEGEND.DGN, \\D:\168H45-STAGING2-3.DGN, \\D:\168H45-STAGING2-3.DGN, \\D:\168H45-SHT-STAGINGM1.DGN, \\D:\168H45-LEGEND.DGN  
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		DRAWN - SA	REVISED -
		CHECKED - PB	REVISED -
		DATE - 12/16/11	REVISED -
PLOT SCALE = %SCALE*	PLOT DATE = *DATE*		

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**STAGING AND TRAFFIC CONTROL**  
**STAGE II.3A**  
**MCLEAN BOULEVARD**

SCALE: 1"=50'    SHEET NO. OF    STA. 55+00.00 TO STA. 67+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	213
CONTRACT NO. 60H45				

FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT














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TYPE II BARRICADES OR DRUMS AT 50' CENTERS ON TANGENTS (TYP.)

TYPE II BARRICADES OR DRUMS AT 20' CENTERS ON TAPERS (TYP.)

**LEGEND**

-  WORK AREA
-  IMPACT ATTENUATOR
-  TEMPORARY CONCRETE BARRIER
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
-  ARROW BOARD
-  TYPE III BARRICADE
-  TEMPORARY PAVEMENT, CURRENT STAGE
-  TEMPORARY PAVEMENT, PREVIOUS STAGES

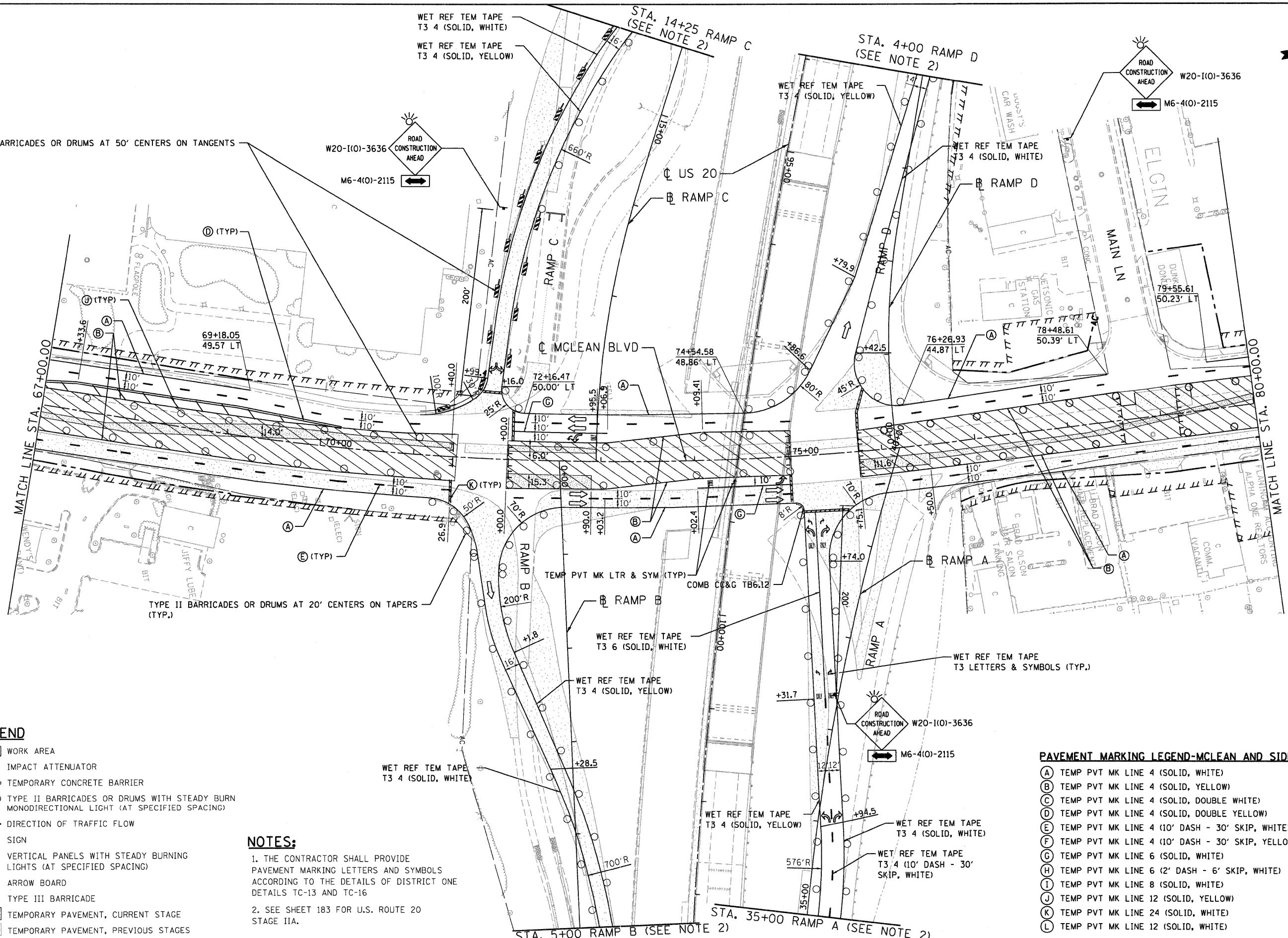
**NOTES:**

1. THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS ACCORDING TO THE DETAILS OF DISTRICT ONE DETAILS TC-13 AND TC-16
2. SEE SHEET 183 FOR U.S. ROUTE 20 STAGE IIA.

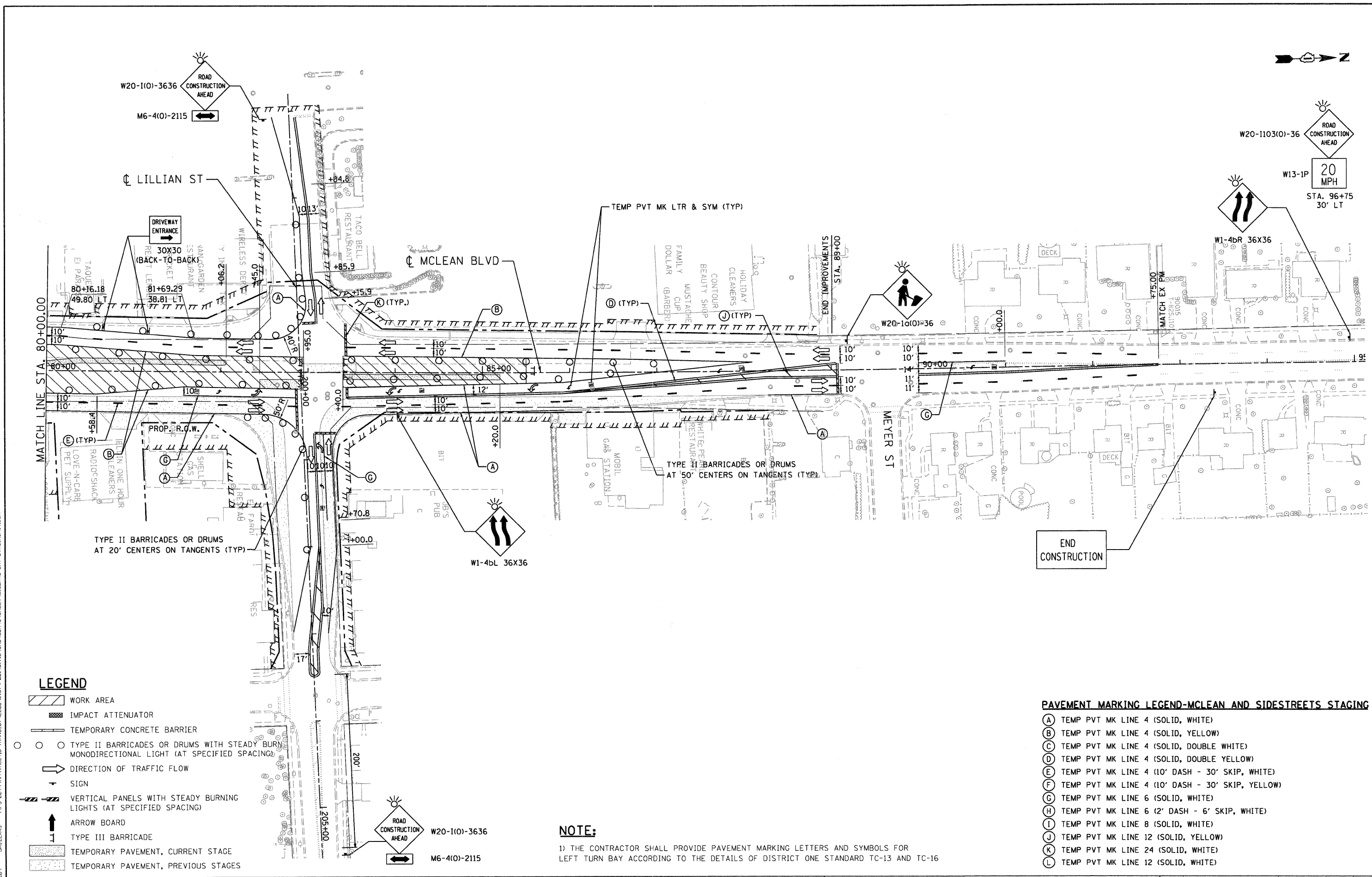
**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

FILE NAME =	USER NAME = #USER#	DESIGNED - MM	REVISED -	<b>STATE OF ILLINOIS</b>		<b>STAGING AND TRAFFIC CONTROL</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - KKS	REVISED -	<b>DEPARTMENT OF TRANSPORTATION</b>		<b>STAGE II.3A</b>	345	8R-R	KANE	794	214
		CHECKED - PB	REVISED -	FAP ROUTE 345 / US ROUTE 20		<b>MCLEAN BOULEVARD</b>	CONTRACT NO. 60H45				
		DATE - 12/16/11	REVISED -			SCALE: 1"=50'	SHEET NO. OF	STA. 67+00.00 TO STA. 80+00.00	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		



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 12-12-2011 13:02:28



**LEGEND**

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURNING MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

**NOTE:**

1) THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS FOR LEFT TURN BAY ACCORDING TO THE DETAILS OF DISTRICT ONE STANDARD TC-13 AND TC-16

FILE NAME =	USER NAME = #USER#	DESIGNED - JP	REVISED -
#FILEL#		DRAWN - SA	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - PB	REVISED -
	PLOT DATE = #DATE#	DATE - 12/16/11	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAP ROUTE 345 / US ROUTE 20

SCALE: 1"=50'		STAGING AND TRAFFIC CONTROL		F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		STAGE II.3A		345	8R-R	KANE	794	215
		SHEET NO.	OF	STA. 80+00.00	TO STA. 91+00.00		CONTRACT NO. 60H45	
				FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

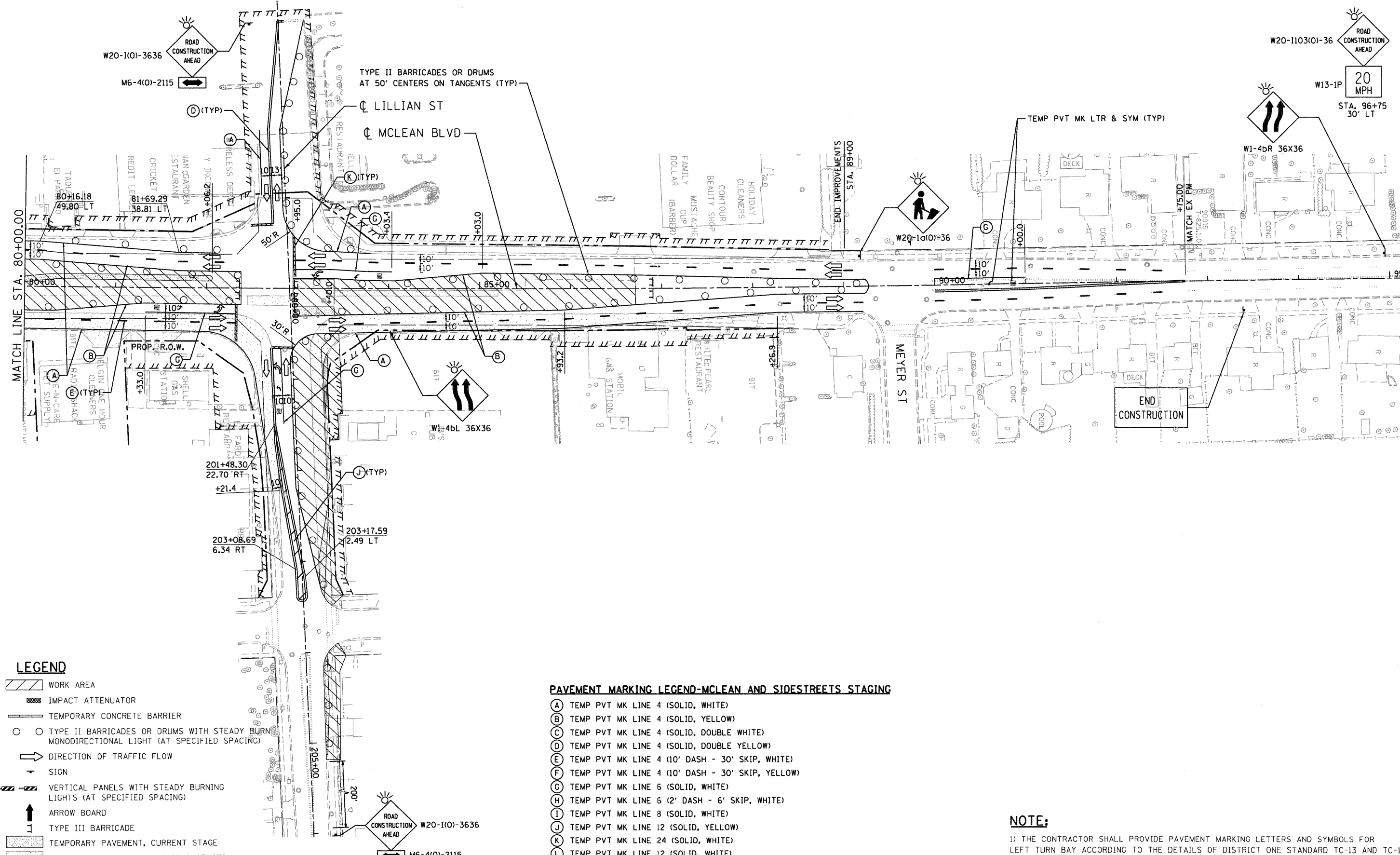


TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS









**LEGEND**

- ▨ WORK AREA
- ▩ IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- ○ TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- ➔ DIRECTION OF TRAFFIC FLOW
- SIGN
- ▬ VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ↑ ARROW BOARD
- ☐ TYPE III BARRICADE
- ▨ TEMPORARY PAVEMENT, CURRENT STAGE
- ▨ TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

- Ⓐ TEMP PVT MK LINE 4 (SOLID, WHITE)
- Ⓑ TEMP PVT MK LINE 4 (SOLID, YELLOW)
- Ⓒ TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- Ⓓ TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- Ⓔ TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- Ⓕ TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- Ⓖ TEMP PVT MK LINE 6 (SOLID, WHITE)
- Ⓗ TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- Ⓘ TEMP PVT MK LINE 8 (SOLID, WHITE)
- Ⓝ TEMP PVT MK LINE 12 (SOLID, YELLOW)
- Ⓚ TEMP PVT MK LINE 24 (SOLID, WHITE)
- Ⓛ TEMP PVT MK LINE 12 (SOLID, WHITE)

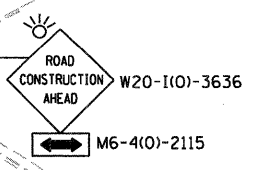
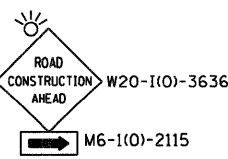
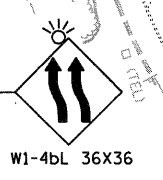
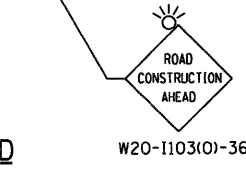
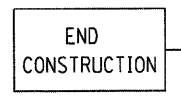
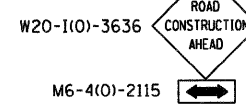
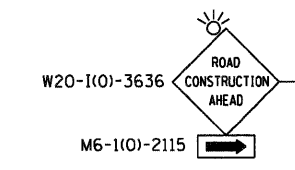
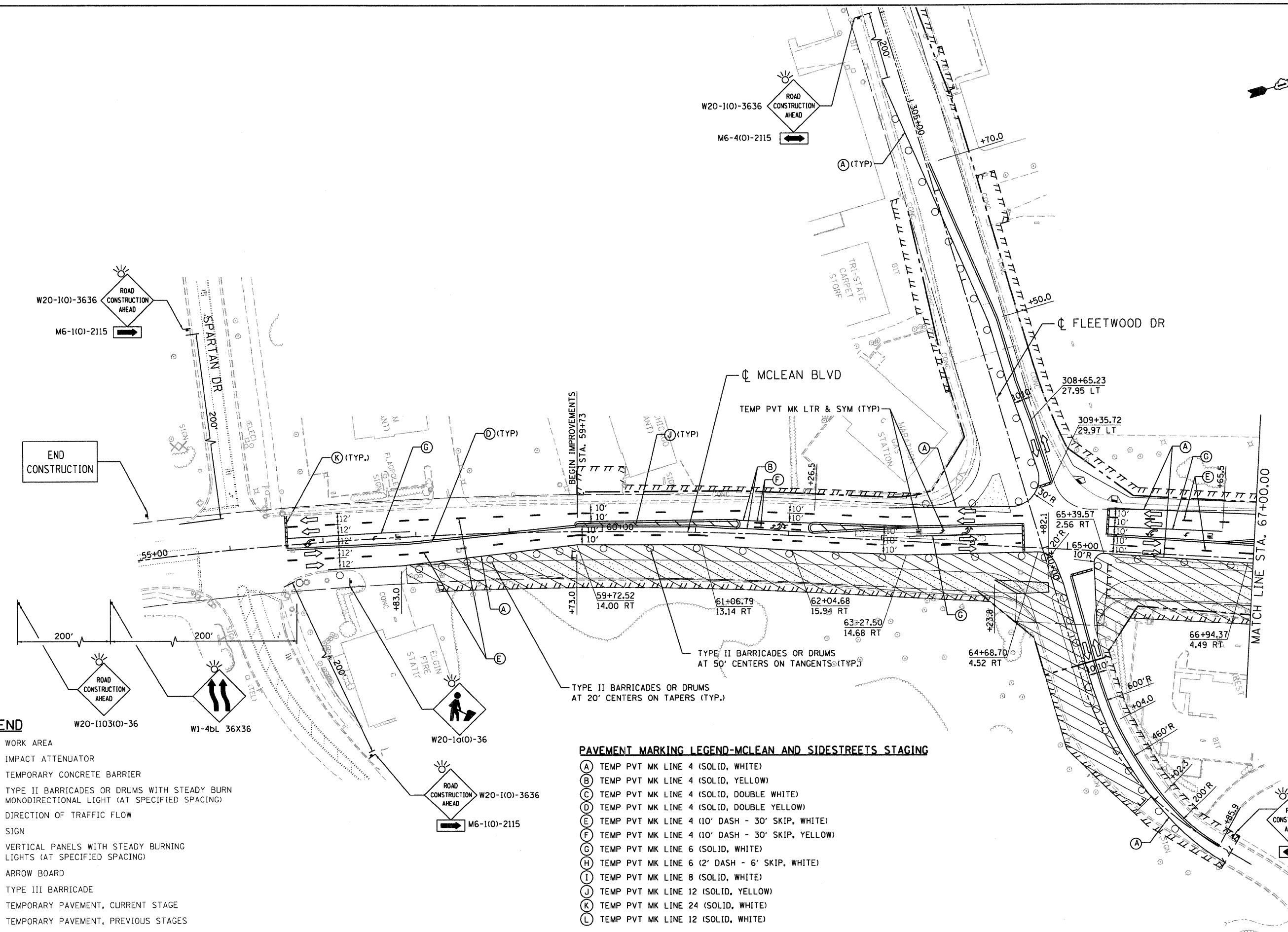
**NOTE:**

1) THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS FOR LEFT TURN BAY ACCORDING TO THE DETAILS OF DISTRICT ONE STANDARD TC-13 AND TC-16

FILE NAME =	USER NAME = #USER#	DESIGNED - JP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	STAGING AND TRAFFIC CONTROL STAGE II.3B MCLEAN BOULEVARD			F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 218
#FILE#		DRAWN - SA	REVISED -		SCALE: 1"=50'	SHEET NO. OF	STA. 80+00.00 TO STA. 91+00.00	CONTRACT NO. 60H45				
		CHECKED - PB	REVISED -									
		DATE - 12/16/11	REVISED -									

.\DIB6045-BORDER01.DGN, .\DIB6045-LEGEND.DGN, .\DIB6045-STAGING2-3.DGN, .\DIB6045-TOP2-3.DGN, .\DIB6045-SHT-STAGING3.DGN, .\DIB6045-LEGEND.DGN, .\DIB6045-DRIVEPLAN.DGN, .\DIB6045-SHT-STAGING3.DGN, .\DIB6045-CIVIL-LOADS.DGN, .\DIB6045-SHEET-STAGING3.DGN, .\DIB6045-BORDER01.DGN, .\DIB6045-LEGEND.DGN, .\DIB6045-STAGING2-3.DGN, .\DIB6045-TOP2-3.DGN, .\DIB6045-SHT-STAGING3.DGN, .\DIB6045-DRIVEPLAN.DGN, .\DIB6045-SHT-STAGING3.DGN, .\DIB6045-CIVIL-LOADS.DGN, .\DIB6045-SHEET-STAGING3.DGN





**LEGEND**

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

\\FS-0044\ARK\VALU\T-D\TRANS\87\2202\21379-00\1\CIVIL\CDN\608\45\SHEET\0168\45-SHT-STAGING.MXD.DGN

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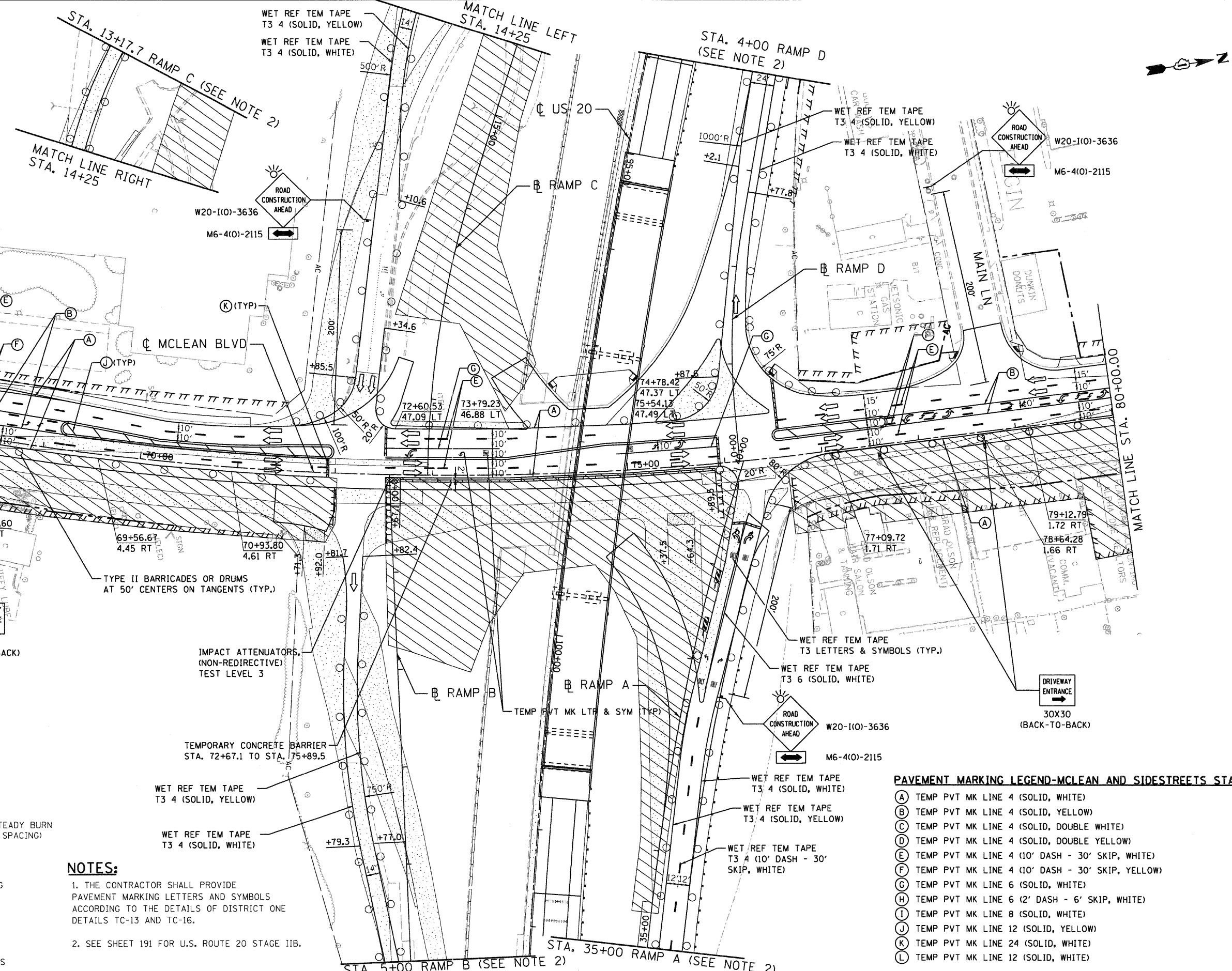
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

<b>STAGING AND TRAFFIC CONTROL</b>			
<b>STAGE II.4A</b>			
<b>MCLEAN BOULEVARD</b>			
SCALE: 1"=50'	SHEET NO.	OF	STA. 55+00.00 TO STA. 67+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	219
CONTRACT NO. 60H45				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



12-12-2011 17:42:22 \\NF5-0244\AMV\VAULT.T-D-TRANS-87\2222\21379-201\CIVIL\CAD\60145\SHEET\0168045-SHT-STAGINGM21.DGN  
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**LEGEND**

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

- NOTES:**
1. THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS ACCORDING TO THE DETAILS OF DISTRICT ONE DETAILS TC-13 AND TC-16.
  2. SEE SHEET 191 FOR U.S. ROUTE 20 STAGE IIB.

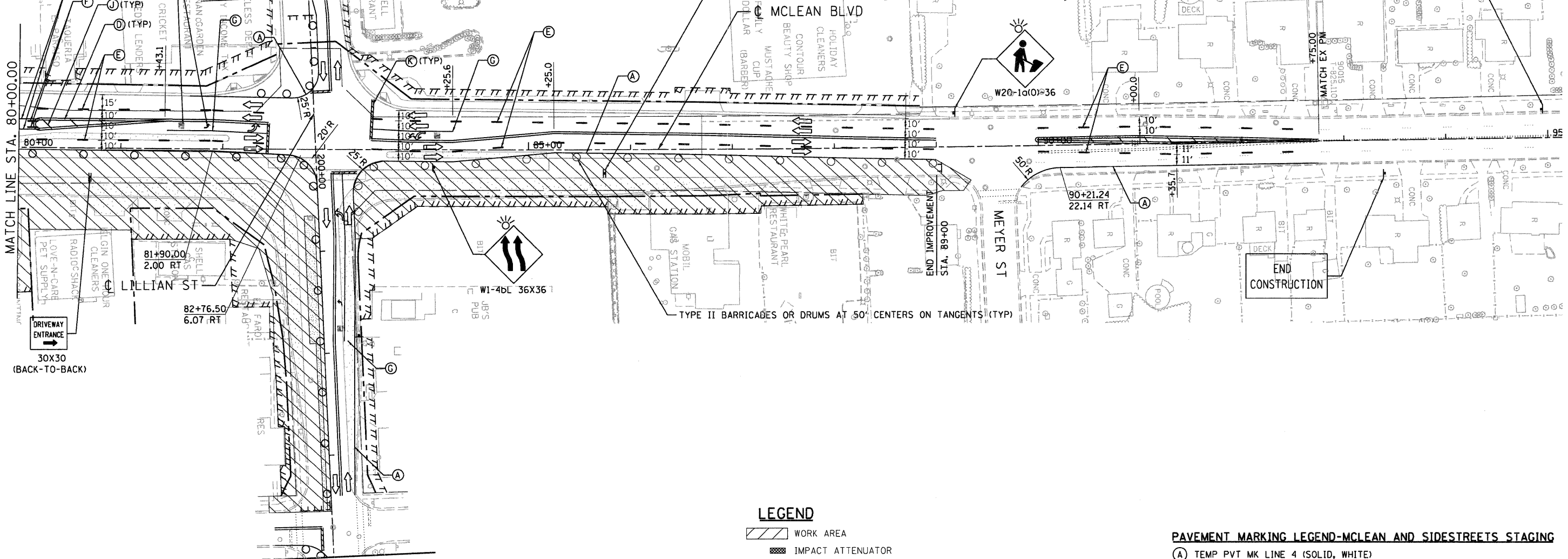
**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MM	REVISED -	<b>STATE OF ILLINOIS</b> DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20			<b>STAGING AND TRAFFIC CONTROL</b> STAGE II.4A MCLEAN BOULEVARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - SA	REVISED -							345	8R-R	KANE	794	220
<b>TENG</b> <small>TENG &amp; ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS</small>	PLOT DATE = #DATE#	CHECKED - PB	REVISED -	SCALE: 1"=50'						SHEET NO. OF STA. 67+00.00 TO STA. 80+00.00			CONTRACT NO. 60H45	
		DATE - 12/16/11	REVISED -	FED. ROAD DIST. NO.						ILLINOIS FED. AID PROJECT				



TEMP PVT MK LTR & SYM (TYP)  
SEE SHEETS 231 AND 232 FOR STAGING DETAILS ON MALL ENTRANCE



SEE SHEETS 231 AND 232 FOR STAGING DETAILS ON LILLIAN STREET

**LEGEND**

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

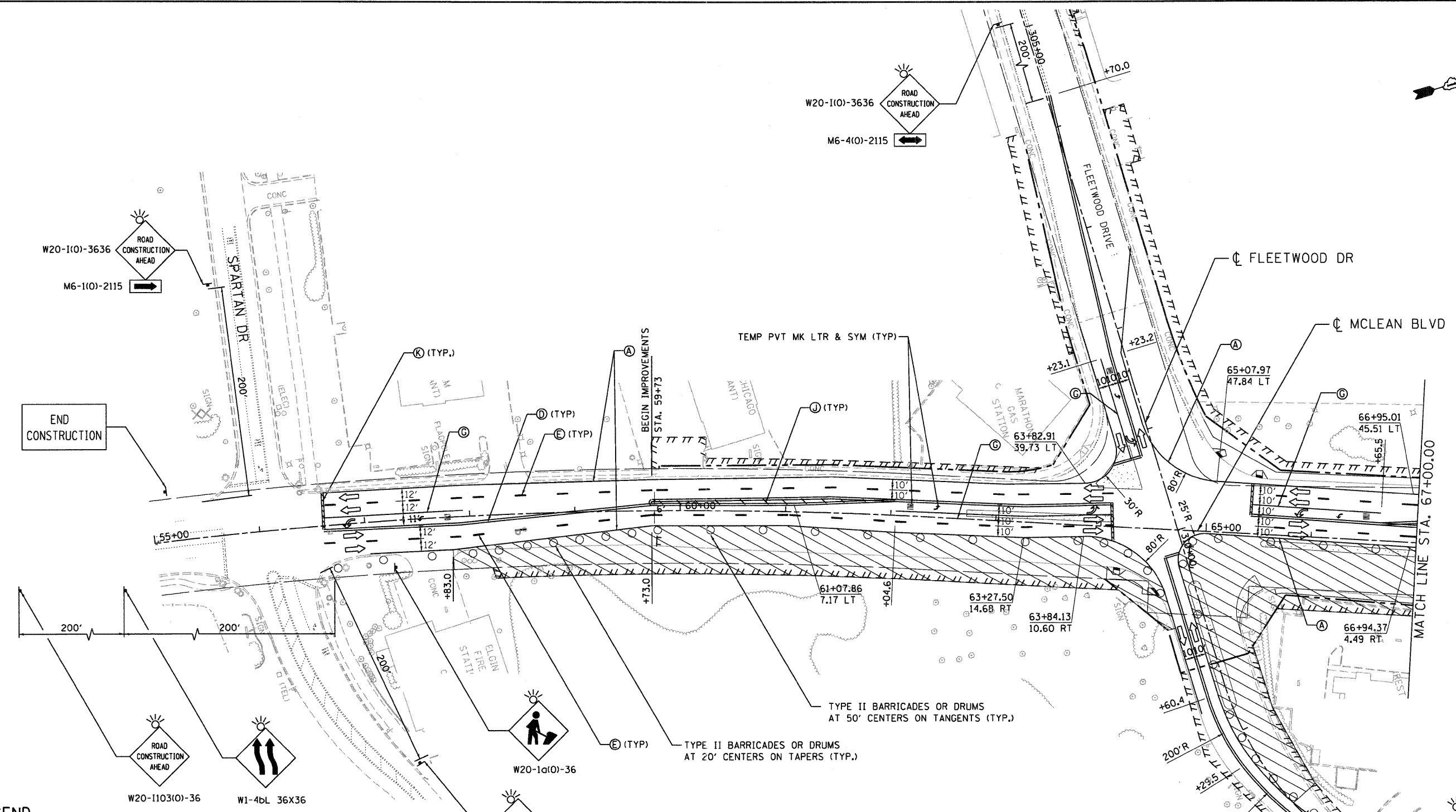
- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

**NOTE:**

1) THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS FOR LEFT TURN BAY ACCORDING TO THE DETAILS OF DISTRICT ONE STANDARD TC-13 AND TC-16.

\D:\6845-BORDER\01.DGN, \D:\6845-LECE\01.DGN, \D:\6845-LECE\02-4.DGN, \D:\6845-LECE\03.DGN, \D:\6845-LECE\04.DGN, \D:\6845-LECE\05.DGN, \D:\6845-LECE\06.DGN, \D:\6845-LECE\07.DGN, \D:\6845-LECE\08.DGN, \D:\6845-LECE\09.DGN, \D:\6845-LECE\10.DGN, \D:\6845-LECE\11.DGN, \D:\6845-LECE\12.DGN, \D:\6845-LECE\13.DGN, \D:\6845-LECE\14.DGN, \D:\6845-LECE\15.DGN, \D:\6845-LECE\16.DGN, \D:\6845-LECE\17.DGN, \D:\6845-LECE\18.DGN, \D:\6845-LECE\19.DGN, \D:\6845-LECE\20.DGN, \D:\6845-LECE\21.DGN, \D:\6845-LECE\22.DGN, \D:\6845-LECE\23.DGN, \D:\6845-LECE\24.DGN, \D:\6845-LECE\25.DGN, \D:\6845-LECE\26.DGN, \D:\6845-LECE\27.DGN, \D:\6845-LECE\28.DGN, \D:\6845-LECE\29.DGN, \D:\6845-LECE\30.DGN, \D:\6845-LECE\31.DGN, \D:\6845-LECE\32.DGN, \D:\6845-LECE\33.DGN, \D:\6845-LECE\34.DGN, \D:\6845-LECE\35.DGN, \D:\6845-LECE\36.DGN, \D:\6845-LECE\37.DGN, \D:\6845-LECE\38.DGN, \D:\6845-LECE\39.DGN, \D:\6845-LECE\40.DGN, \D:\6845-LECE\41.DGN, \D:\6845-LECE\42.DGN, \D:\6845-LECE\43.DGN, \D:\6845-LECE\44.DGN, \D:\6845-LECE\45.DGN, \D:\6845-LECE\46.DGN, \D:\6845-LECE\47.DGN, \D:\6845-LECE\48.DGN, \D:\6845-LECE\49.DGN, \D:\6845-LECE\50.DGN, \D:\6845-LECE\51.DGN, \D:\6845-LECE\52.DGN, \D:\6845-LECE\53.DGN, \D:\6845-LECE\54.DGN, \D:\6845-LECE\55.DGN, \D:\6845-LECE\56.DGN, \D:\6845-LECE\57.DGN, \D:\6845-LECE\58.DGN, \D:\6845-LECE\59.DGN, \D:\6845-LECE\60.DGN, \D:\6845-LECE\61.DGN, \D:\6845-LECE\62.DGN, \D:\6845-LECE\63.DGN, \D:\6845-LECE\64.DGN, \D:\6845-LECE\65.DGN, \D:\6845-LECE\66.DGN, \D:\6845-LECE\67.DGN, \D:\6845-LECE\68.DGN, \D:\6845-LECE\69.DGN, \D:\6845-LECE\70.DGN, \D:\6845-LECE\71.DGN, \D:\6845-LECE\72.DGN, \D:\6845-LECE\73.DGN, \D:\6845-LECE\74.DGN, \D:\6845-LECE\75.DGN, \D:\6845-LECE\76.DGN, \D:\6845-LECE\77.DGN, \D:\6845-LECE\78.DGN, \D:\6845-LECE\79.DGN, \D:\6845-LECE\80.DGN, \D:\6845-LECE\81.DGN, \D:\6845-LECE\82.DGN, \D:\6845-LECE\83.DGN, \D:\6845-LECE\84.DGN, \D:\6845-LECE\85.DGN, \D:\6845-LECE\86.DGN, \D:\6845-LECE\87.DGN, \D:\6845-LECE\88.DGN, \D:\6845-LECE\89.DGN, \D:\6845-LECE\90.DGN, \D:\6845-LECE\91.DGN, \D:\6845-LECE\92.DGN, \D:\6845-LECE\93.DGN, \D:\6845-LECE\94.DGN, \D:\6845-LECE\95.DGN, \D:\6845-LECE\96.DGN, \D:\6845-LECE\97.DGN, \D:\6845-LECE\98.DGN, \D:\6845-LECE\99.DGN, \D:\6845-LECE\100.DGN

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20		STAGING AND TRAFFIC CONTROL STAGE II.4A MCLEAN BOULEVARD		F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 221
	PLOT SCALE = #SCALE#	DRAWN - SA	REVISED -					SCALE: 1"=50'	SHEET NO. OF	STA. 80+00.00	TO STA. 91+00.00	CONTRACT NO. 60H45
	PLOT DATE = #DATE#	CHECKED - PB	REVISED -					FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
TENC ENGINEERS & ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DATE - 12/16/11	REVISED -									



**LEGEND**

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

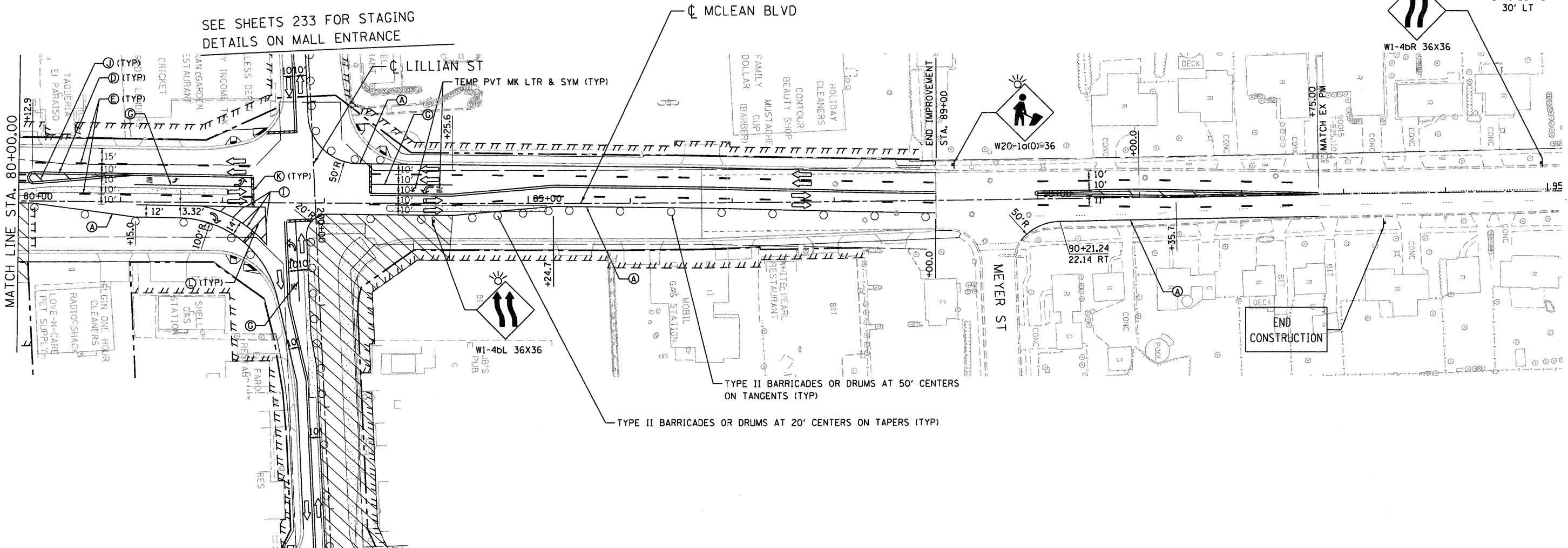
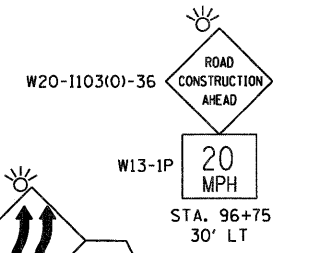
**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
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- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

\\D:\60445-BORDE0\LDON... \D:\MASTER-ALIGNMNT\LDON... \D:\60445-STAGING2-4.DGN... \D:\60445-TOPO2-4.DGN... \D:\60445-DRAIN\LDON... \D:\60445-LEGEND.DGN  
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PLOT SCALE = #SCALE#		CHECKED - PB	REVISED -		SCALE: 1"=50'	SHEET NO. OF	STA. 55+00.00 TO STA. 67+00.00	CONTRACT NO. 60H45				
PLOT DATE = #DATE#		DATE - 12/16/11	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT							
TENG		TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS										





SEE SHEETS 233 FOR STAGING DETAILS ON LILLIAN STREET

**NOTE:**

1) THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS FOR LEFT TURN BAY ACCORDING TO THE DETAILS OF DISTRICT ONE STANDARD TC-13 AND TC-16.

**LEGEND**

- ▨ WORK AREA
- ▩ IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- ○ ○ ○ TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- |— VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ↑ ARROW BOARD
- T TYPE III BARRICADE
- ▨ TEMPORARY PAVEMENT, CURRENT STAGE
- ▨ TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
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- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

FILE NAME = ...  
 USER NAME = \*USER\*  
 DESIGNED - JP  
 DRAWN - SA  
 CHECKED - PB  
 DATE - 12/16/11

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAP ROUTE 345 / US ROUTE 20

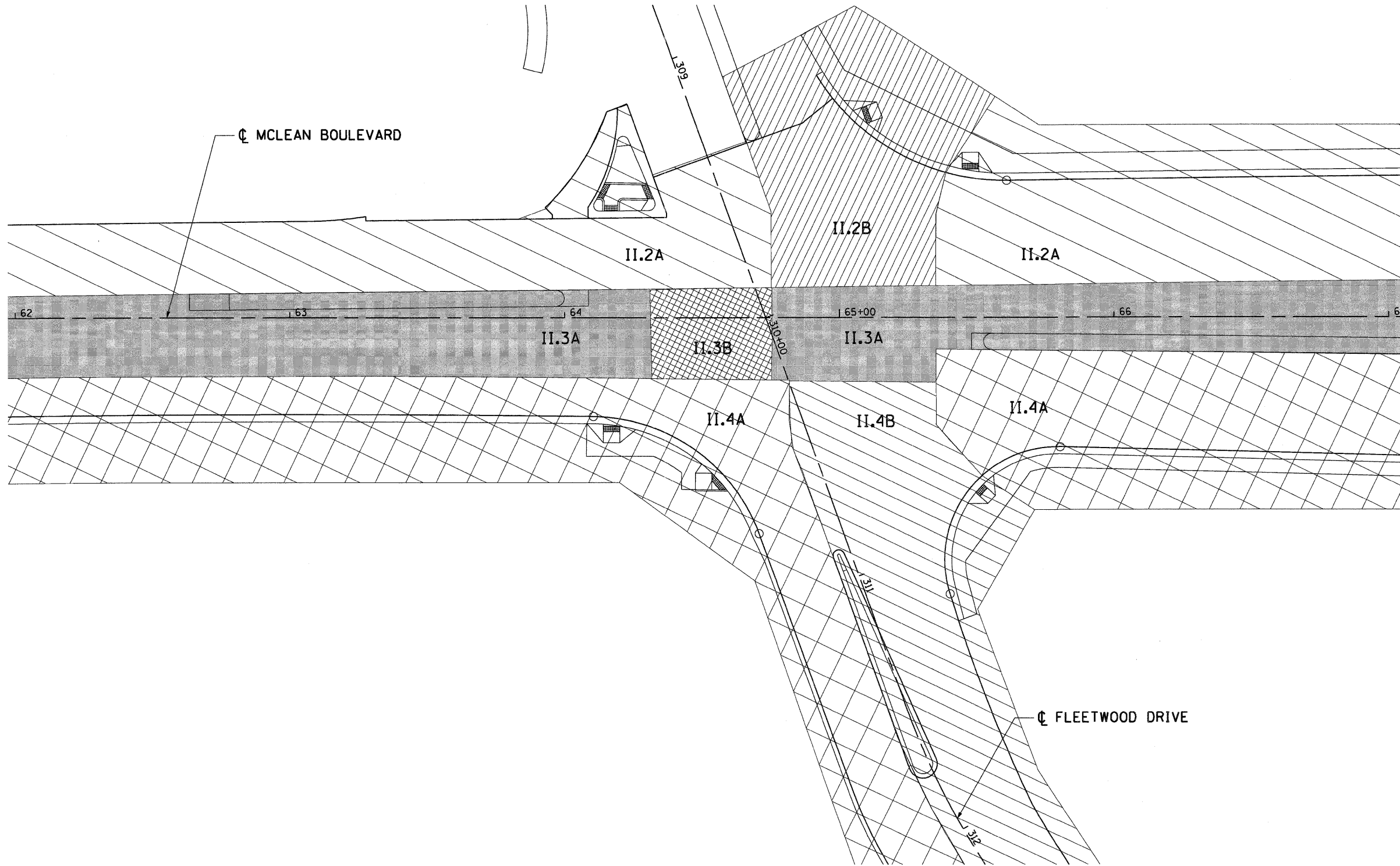
STAGING AND TRAFFIC CONTROL  
STAGE II.4B  
MCLEAN BOULEVARD

SCALE: 1"=50'    SHEET NO.    OF    STA. 80+00.00 TO STA. 91+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	224
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60H45				



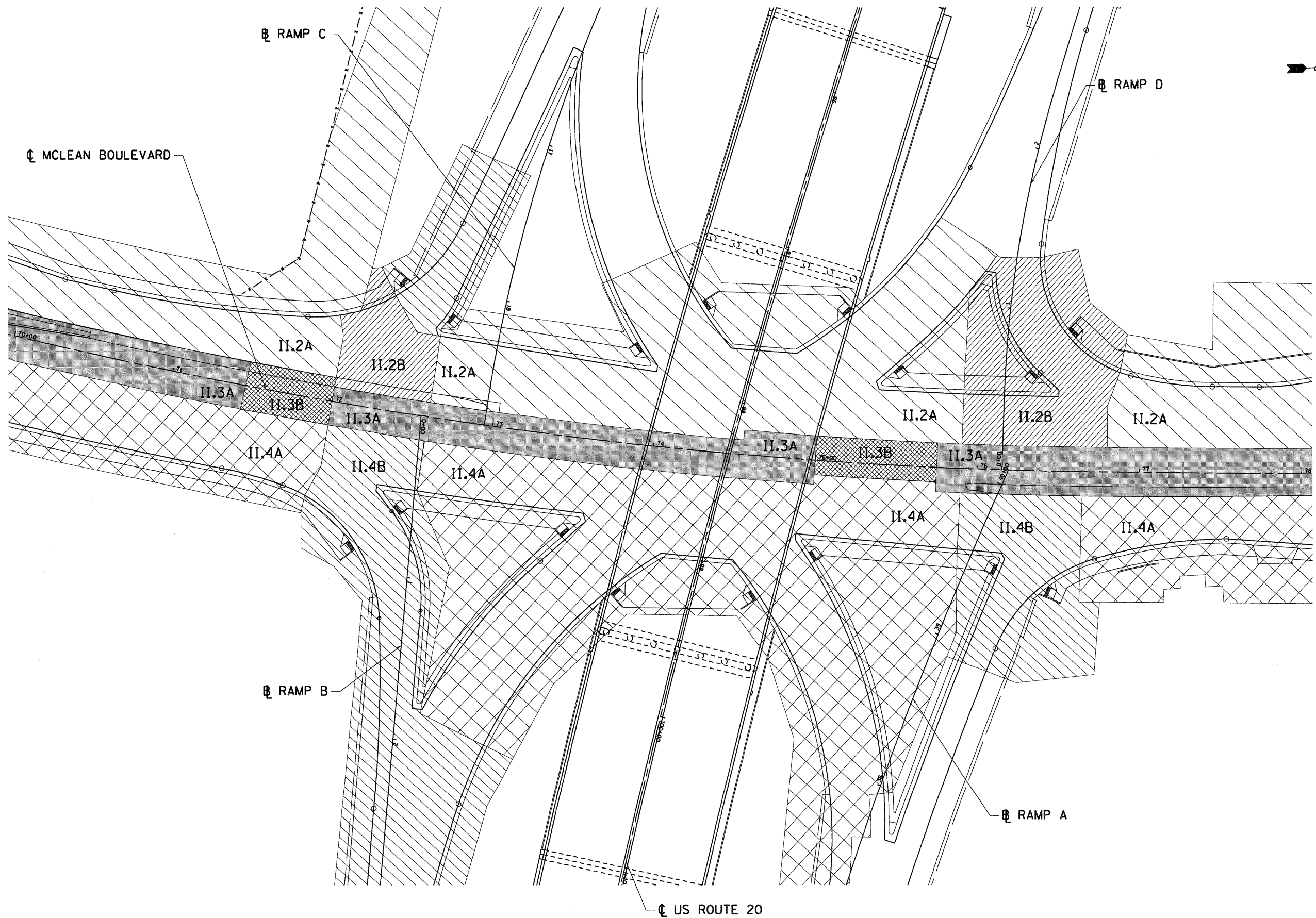




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 DRAWN - SA  
 CHECKED - PB  
 DATE - 12/16/11  
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 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAP ROUTE 345 / US ROUTE 20  
 SCALE: 1"=20'  
 SHEET NO. OF  
 STA. 62+00.00 TO STA. 67+00.00  
 F.A.P. RTE. 345  
 SECTION 8R-R  
 COUNTY KANE  
 TOTAL SHEETS 794  
 SHEET NO. 225  
 CONTRACT NO. 60H45  
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

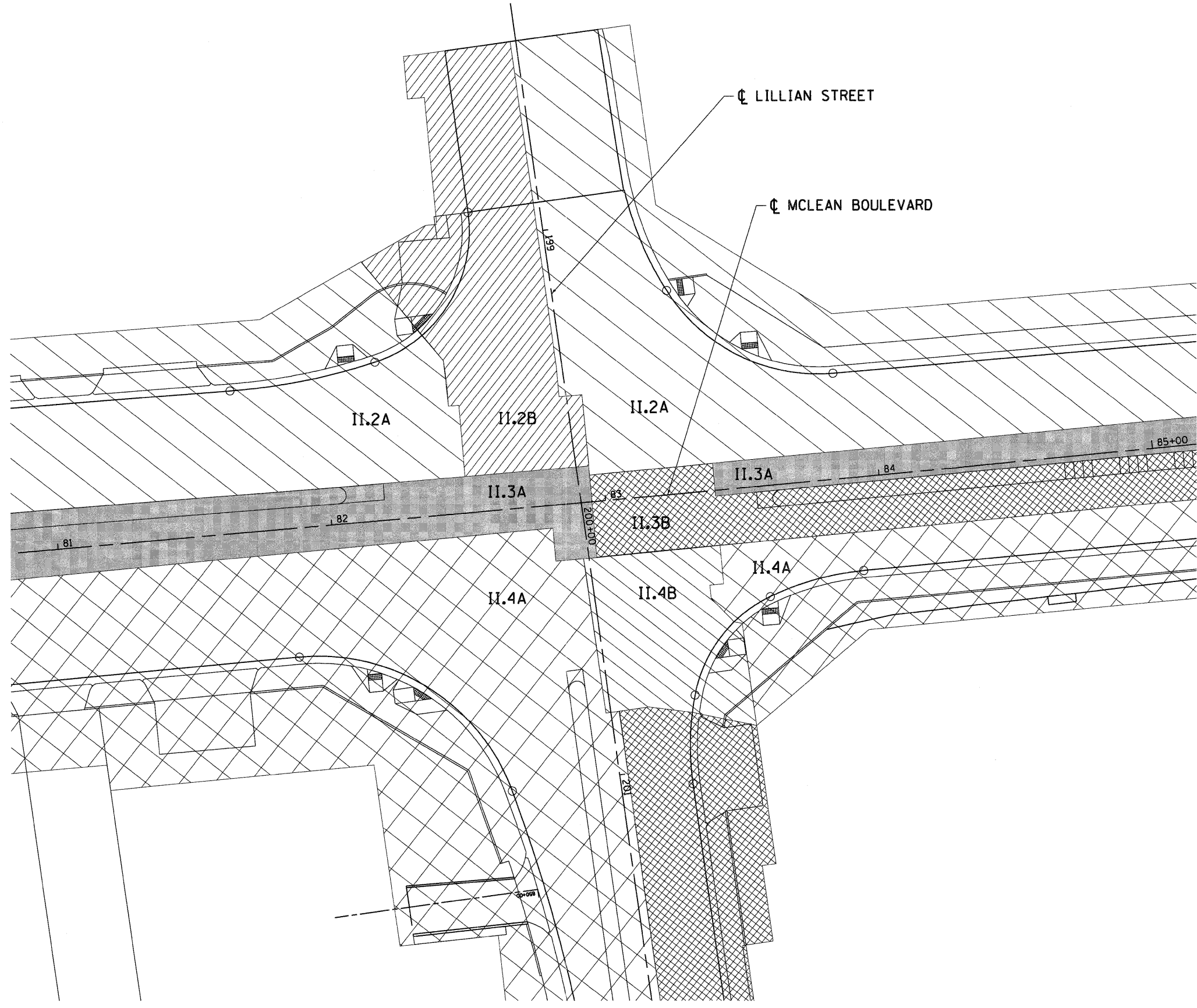
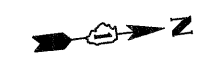
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PLOT DATE = #DATE#		DATE - 12/16/11	REVISED -			FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT					





.\\D:\6045-BORDER\01.DGN, .\\D:\6045-ALIGNMENT.DGN, .\\D:\6045-STAGING\01.DGN, .\\D:\6045-DESIGN\01.DGN, .\\D:\6045-DESIGN\02.DGN  
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FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - MM	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20	<b>STAGING AND TRAFFIC CONTROL</b> <b>INTERSECTION STAGING DETAIL</b> <b>MCLEAN BOULEVARD @ US ROUTE 20</b>		F.A.P. RTE. 345	SECTION BR-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 226	
PLOT SCALE = #SCALE#		CHECKED - PB	REVISED -		SCALE: 1"=30'	SHEET NO. OF	STA. 70+00.00 TO STA. 78+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 6045		
PLOT DATE = #DATE#		DATE - 12/16/11	REVISED -									
TENG		TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS										



\\0160H45-BORDER2\LDN...\\0160H45-DESIGN\LDN...\\0160H45-STAGING\LDN...\\0160H45-DESIGN\LDN...  
 \\0160H45-DESIGN\LDN...\\0160H45-DESIGN\LDN...\\0160H45-DESIGN\LDN...\\0160H45-DESIGN\LDN...  
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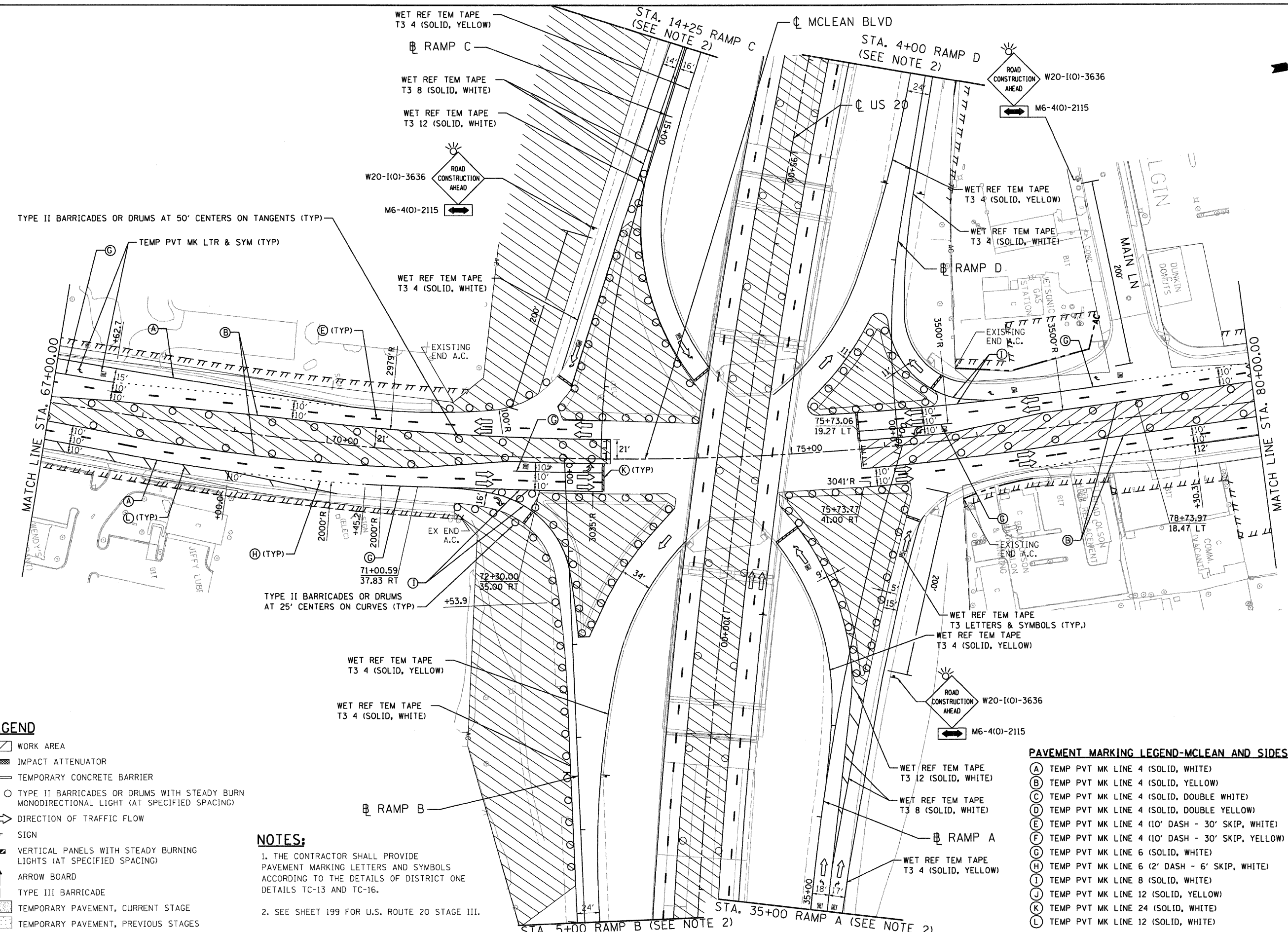
FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MM	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20	<b>STAGING AND TRAFFIC CONTROL</b> <b>INTERSECTION STAGING DETAIL</b> <b>MCLEAN BOULEVARD @ LILIAN STREET</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = #SCALE# PLOT DATE = #DATE#	DRAWN - SA CHECKED - PB DATE - 12/16/11			REVISED - REVISED - REVISED - REVISED -	345	8R-R	KANE	794



SCALE: 1"=20' SHEET NO. OF STA. 81+00.00 TO STA. 85+00.00



.\D:\68045-BORDER\01.DGN, .\D:\68045-LEGEND\01.DGN, .\D:\68045-LEGEND\02.DGN, .\D:\68045-LEGEND\03.DGN, .\D:\68045-LEGEND\04.DGN, .\D:\68045-LEGEND\05.DGN, .\D:\68045-LEGEND\06.DGN, .\D:\68045-LEGEND\07.DGN, .\D:\68045-LEGEND\08.DGN, .\D:\68045-LEGEND\09.DGN, .\D:\68045-LEGEND\10.DGN, .\D:\68045-LEGEND\11.DGN, .\D:\68045-LEGEND\12.DGN, .\D:\68045-LEGEND\13.DGN, .\D:\68045-LEGEND\14.DGN, .\D:\68045-LEGEND\15.DGN, .\D:\68045-LEGEND\16.DGN, .\D:\68045-LEGEND\17.DGN, .\D:\68045-LEGEND\18.DGN, .\D:\68045-LEGEND\19.DGN, .\D:\68045-LEGEND\20.DGN, .\D:\68045-LEGEND\21.DGN, .\D:\68045-LEGEND\22.DGN, .\D:\68045-LEGEND\23.DGN, .\D:\68045-LEGEND\24.DGN, .\D:\68045-LEGEND\25.DGN, .\D:\68045-LEGEND\26.DGN, .\D:\68045-LEGEND\27.DGN, .\D:\68045-LEGEND\28.DGN, .\D:\68045-LEGEND\29.DGN, .\D:\68045-LEGEND\30.DGN, .\D:\68045-LEGEND\31.DGN, .\D:\68045-LEGEND\32.DGN, .\D:\68045-LEGEND\33.DGN, .\D:\68045-LEGEND\34.DGN, .\D:\68045-LEGEND\35.DGN, .\D:\68045-LEGEND\36.DGN, .\D:\68045-LEGEND\37.DGN, .\D:\68045-LEGEND\38.DGN, .\D:\68045-LEGEND\39.DGN, .\D:\68045-LEGEND\40.DGN, .\D:\68045-LEGEND\41.DGN, .\D:\68045-LEGEND\42.DGN, .\D:\68045-LEGEND\43.DGN, .\D:\68045-LEGEND\44.DGN, .\D:\68045-LEGEND\45.DGN, .\D:\68045-LEGEND\46.DGN, .\D:\68045-LEGEND\47.DGN, .\D:\68045-LEGEND\48.DGN, .\D:\68045-LEGEND\49.DGN, .\D:\68045-LEGEND\50.DGN, .\D:\68045-LEGEND\51.DGN, .\D:\68045-LEGEND\52.DGN, .\D:\68045-LEGEND\53.DGN, .\D:\68045-LEGEND\54.DGN, .\D:\68045-LEGEND\55.DGN, .\D:\68045-LEGEND\56.DGN, .\D:\68045-LEGEND\57.DGN, .\D:\68045-LEGEND\58.DGN, .\D:\68045-LEGEND\59.DGN, .\D:\68045-LEGEND\60.DGN, .\D:\68045-LEGEND\61.DGN, .\D:\68045-LEGEND\62.DGN, .\D:\68045-LEGEND\63.DGN, .\D:\68045-LEGEND\64.DGN, .\D:\68045-LEGEND\65.DGN, .\D:\68045-LEGEND\66.DGN, .\D:\68045-LEGEND\67.DGN, .\D:\68045-LEGEND\68.DGN, .\D:\68045-LEGEND\69.DGN, .\D:\68045-LEGEND\70.DGN, .\D:\68045-LEGEND\71.DGN, .\D:\68045-LEGEND\72.DGN, .\D:\68045-LEGEND\73.DGN, .\D:\68045-LEGEND\74.DGN, .\D:\68045-LEGEND\75.DGN, .\D:\68045-LEGEND\76.DGN, .\D:\68045-LEGEND\77.DGN, .\D:\68045-LEGEND\78.DGN, .\D:\68045-LEGEND\79.DGN, .\D:\68045-LEGEND\80.DGN, .\D:\68045-LEGEND\81.DGN, .\D:\68045-LEGEND\82.DGN, .\D:\68045-LEGEND\83.DGN, .\D:\68045-LEGEND\84.DGN, .\D:\68045-LEGEND\85.DGN, .\D:\68045-LEGEND\86.DGN, .\D:\68045-LEGEND\87.DGN, .\D:\68045-LEGEND\88.DGN, .\D:\68045-LEGEND\89.DGN, .\D:\68045-LEGEND\90.DGN, .\D:\68045-LEGEND\91.DGN, .\D:\68045-LEGEND\92.DGN, .\D:\68045-LEGEND\93.DGN, .\D:\68045-LEGEND\94.DGN, .\D:\68045-LEGEND\95.DGN, .\D:\68045-LEGEND\96.DGN, .\D:\68045-LEGEND\97.DGN, .\D:\68045-LEGEND\98.DGN, .\D:\68045-LEGEND\99.DGN, .\D:\68045-LEGEND\100.DGN



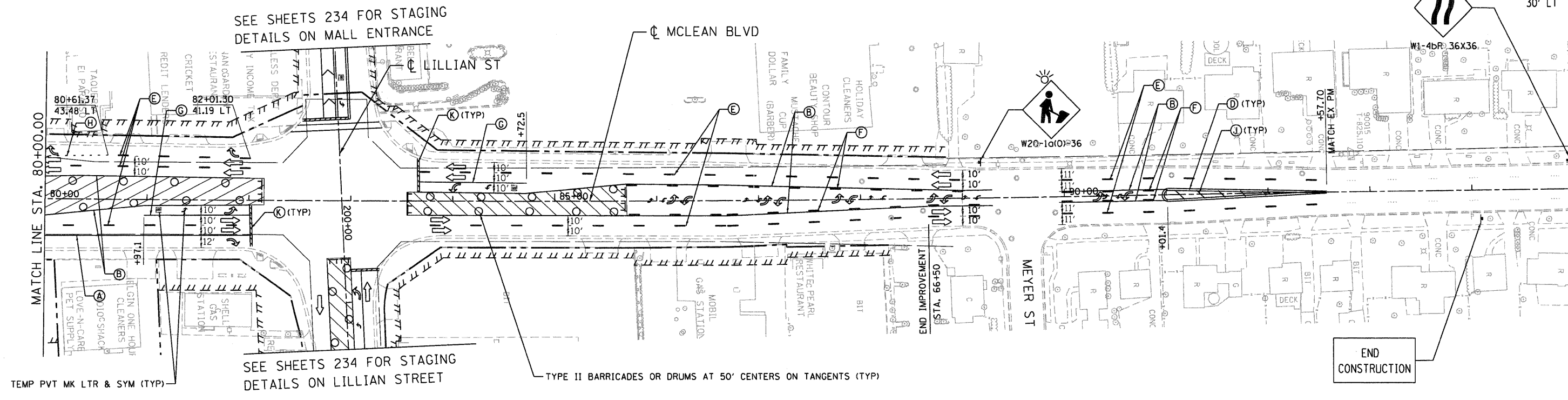
- LEGEND**
- WORK AREA
  - IMPACT ATTENUATOR
  - TEMPORARY CONCRETE BARRIER
  - TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
  - DIRECTION OF TRAFFIC FLOW
  - SIGN
  - VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
  - ARROW BOARD
  - TYPE III BARRICADE
  - TEMPORARY PAVEMENT, CURRENT STAGE
  - TEMPORARY PAVEMENT, PREVIOUS STAGES

**NOTES:**

1. THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS ACCORDING TO THE DETAILS OF DISTRICT ONE DETAILS TC-13 AND TC-16.
2. SEE SHEET 199 FOR U.S. ROUTE 20 STAGE III.

- PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**
- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
  - (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
  - (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
  - (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
  - (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
  - (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
  - (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
  - (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
  - (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
  - (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
  - (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
  - (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

FILE NAME =	USER NAME = #USER#	DESIGNED - JP	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20</b>		<b>STAGING AND TRAFFIC CONTROL STAGE III MCLEAN BOULEVARD</b>		F.A.P. RTEL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - KKS	REVISED -					345	8R-R	KANE	794	229
	PLOT SCALE = #SCALE#	CHECKED - PB	REVISED -	SCALE: 1"=50'		SHEET NO. OF		STA. 67+00.00 TO STA. 80+00.00		CONTRACT NO. 60H45		
	PLOT DATE = #DATE#	DATE - 12/16/11	REVISED -									



SEE SHEETS 234 FOR STAGING  
DETAILS ON MALL ENTRANCE

SEE SHEETS 234 FOR STAGING  
DETAILS ON LILLIAN STREET

TYPE II BARRICADES OR DRUMS AT 50' CENTERS ON TANGENTS (TYP)

END  
CONSTRUCTION

**LEGEND**

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

**NOTE:**

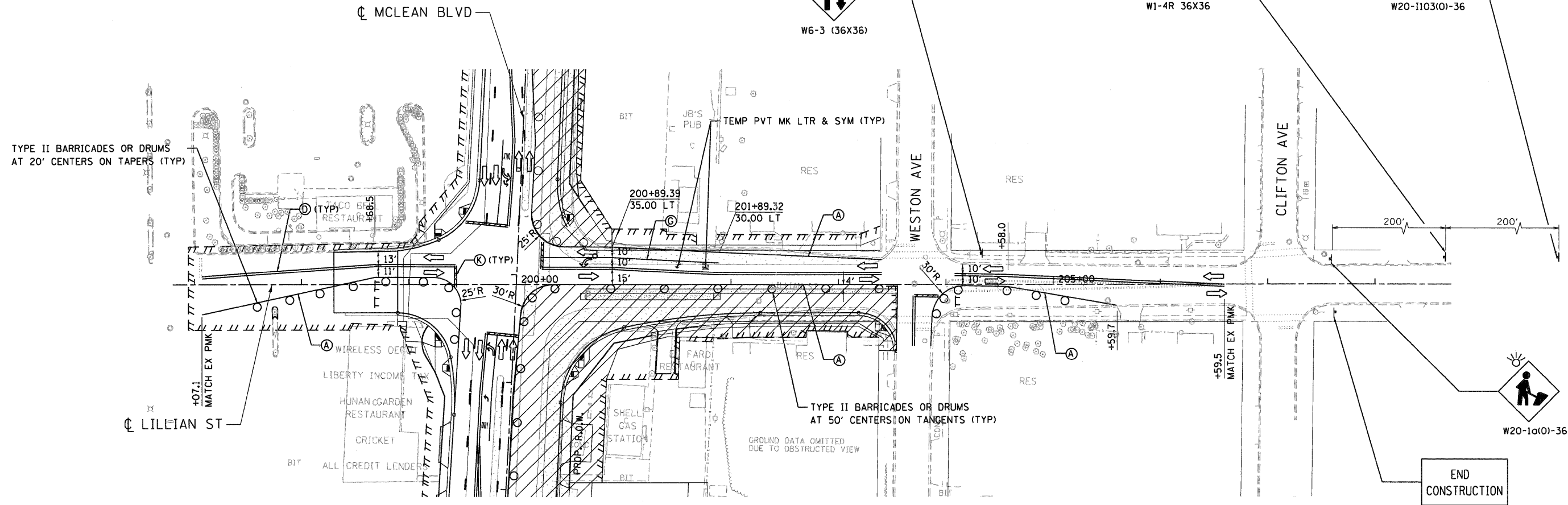
1) THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKING LETTERS AND SYMBOLS FOR LEFT TURN BAY ACCORDING TO THE DETAILS OF DISTRICT ONE STANDARD TC-13 AND TC-16.

\D:\60445-BORDER\LEGEND.DGN, \D:\60445-LEGEND.DGN, \D:\60445-STAGING-3.DGN, \D:\60445-DRAIN\01.LGN, \D:\60445-LEGEN.DGN  
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 BA-ZEKKJ

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - JP DRAWN - SA	REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20	<b>STAGING AND TRAFFIC CONTROL</b> <b>STAGE III</b> <b>MCLEAN BOULEVARD</b>	F.A.P. RTE. 345	SECTION BR-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 230
	PLOT SCALE = #SCALE#	CHECKED - PB DATE - 12/16/11	REVISED - REVISED -			SCALE: 1"=50' SHEET NO. OF STA. 80+00.00 TO STA. 91+00.00	CONTRACT NO. 60H45	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



\\D:\6045-BORDER\01.DGN, \\D:\6045-BORDER\02.DGN, \\D:\6045-BORDER\03.DGN, \\D:\6045-BORDER\04.DGN, \\D:\6045-BORDER\05.DGN, \\D:\6045-BORDER\06.DGN, \\D:\6045-BORDER\07.DGN, \\D:\6045-BORDER\08.DGN, \\D:\6045-BORDER\09.DGN, \\D:\6045-BORDER\10.DGN, \\D:\6045-BORDER\11.DGN, \\D:\6045-BORDER\12.DGN, \\D:\6045-BORDER\13.DGN, \\D:\6045-BORDER\14.DGN, \\D:\6045-BORDER\15.DGN, \\D:\6045-BORDER\16.DGN, \\D:\6045-BORDER\17.DGN, \\D:\6045-BORDER\18.DGN, \\D:\6045-BORDER\19.DGN, \\D:\6045-BORDER\20.DGN, \\D:\6045-BORDER\21.DGN, \\D:\6045-BORDER\22.DGN, \\D:\6045-BORDER\23.DGN, \\D:\6045-BORDER\24.DGN, \\D:\6045-BORDER\25.DGN, \\D:\6045-BORDER\26.DGN, \\D:\6045-BORDER\27.DGN, \\D:\6045-BORDER\28.DGN, \\D:\6045-BORDER\29.DGN, \\D:\6045-BORDER\30.DGN, \\D:\6045-BORDER\31.DGN, \\D:\6045-BORDER\32.DGN, \\D:\6045-BORDER\33.DGN, \\D:\6045-BORDER\34.DGN, \\D:\6045-BORDER\35.DGN, \\D:\6045-BORDER\36.DGN, \\D:\6045-BORDER\37.DGN, \\D:\6045-BORDER\38.DGN, \\D:\6045-BORDER\39.DGN, \\D:\6045-BORDER\40.DGN, \\D:\6045-BORDER\41.DGN, \\D:\6045-BORDER\42.DGN, \\D:\6045-BORDER\43.DGN, \\D:\6045-BORDER\44.DGN, \\D:\6045-BORDER\45.DGN, \\D:\6045-BORDER\46.DGN, \\D:\6045-BORDER\47.DGN, \\D:\6045-BORDER\48.DGN, \\D:\6045-BORDER\49.DGN, \\D:\6045-BORDER\50.DGN, \\D:\6045-BORDER\51.DGN, \\D:\6045-BORDER\52.DGN, \\D:\6045-BORDER\53.DGN, \\D:\6045-BORDER\54.DGN, \\D:\6045-BORDER\55.DGN, \\D:\6045-BORDER\56.DGN, \\D:\6045-BORDER\57.DGN, \\D:\6045-BORDER\58.DGN, \\D:\6045-BORDER\59.DGN, \\D:\6045-BORDER\60.DGN, \\D:\6045-BORDER\61.DGN, \\D:\6045-BORDER\62.DGN, \\D:\6045-BORDER\63.DGN, \\D:\6045-BORDER\64.DGN, \\D:\6045-BORDER\65.DGN, \\D:\6045-BORDER\66.DGN, \\D:\6045-BORDER\67.DGN, \\D:\6045-BORDER\68.DGN, \\D:\6045-BORDER\69.DGN, \\D:\6045-BORDER\70.DGN, \\D:\6045-BORDER\71.DGN, \\D:\6045-BORDER\72.DGN, \\D:\6045-BORDER\73.DGN, \\D:\6045-BORDER\74.DGN, \\D:\6045-BORDER\75.DGN, \\D:\6045-BORDER\76.DGN, \\D:\6045-BORDER\77.DGN, \\D:\6045-BORDER\78.DGN, \\D:\6045-BORDER\79.DGN, \\D:\6045-BORDER\80.DGN, \\D:\6045-BORDER\81.DGN, \\D:\6045-BORDER\82.DGN, \\D:\6045-BORDER\83.DGN, \\D:\6045-BORDER\84.DGN, \\D:\6045-BORDER\85.DGN, \\D:\6045-BORDER\86.DGN, \\D:\6045-BORDER\87.DGN, \\D:\6045-BORDER\88.DGN, \\D:\6045-BORDER\89.DGN, \\D:\6045-BORDER\90.DGN, \\D:\6045-BORDER\91.DGN, \\D:\6045-BORDER\92.DGN, \\D:\6045-BORDER\93.DGN, \\D:\6045-BORDER\94.DGN, \\D:\6045-BORDER\95.DGN, \\D:\6045-BORDER\96.DGN, \\D:\6045-BORDER\97.DGN, \\D:\6045-BORDER\98.DGN, \\D:\6045-BORDER\99.DGN, \\D:\6045-BORDER\100.DGN



TYPE II BARRICADES OR DRUMS AT 20' CENTERS ON TAPERS (TYP)

W6-3 (36X36)

W1-4R 36X36

W20-1103(O)-36

W20-1a(O)-36

END CONSTRUCTION

**LEGEND**

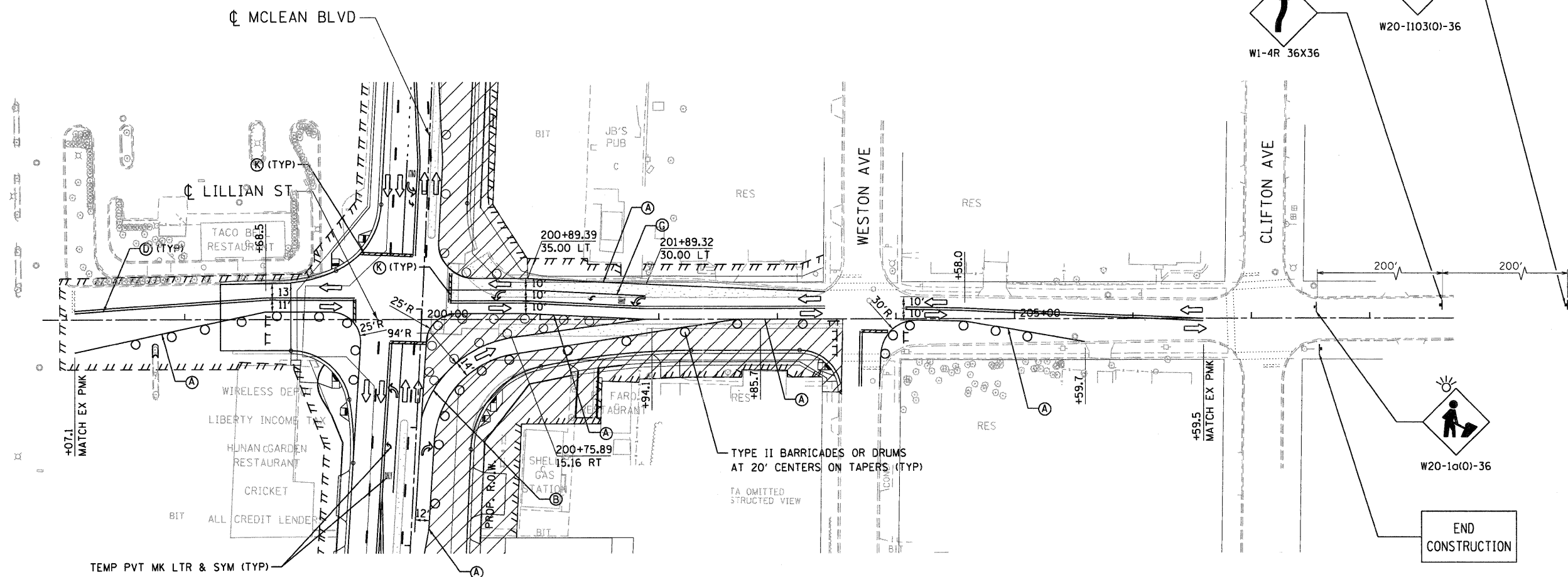
- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

FILE NAME =	USER NAME = #USER#	DESIGNED - MM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>STAGING AND TRAFFIC CONTROL STAGE II.4A LILLIAN STREET</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - MH	REVISED -					345	8R-R	KANE	794	231	
PLOT SCALE = #SCALE#		CHECKED - PB	REVISED -	FAP ROUTE 345 / US ROUTE 20				SCALE: 1"=50'		SHEET NO. OF	STA. 196+80.00 TO STA. 208+70.78	CONTRACT NO. 60H45	
PLOT DATE = #DATE#		DATE - 12/16/11	REVISED -	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT									





### LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

### PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

FILE NAME =   
 USER NAME = #USER#  
 DESIGNED - MM  
 DRAWN - MH  
 CHECKED - PB  
 DATE - 12/16/11

PLOT SCALE = #SCALE#  
 PLOT DATE = #DATE#  
 REVISIONS:  
 REVISIONS:  
 REVISIONS:

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAP ROUTE 345 / US ROUTE 20

STAGING AND TRAFFIC CONTROL  
 STAGE II.4A-2  
 LILLIAN STREET

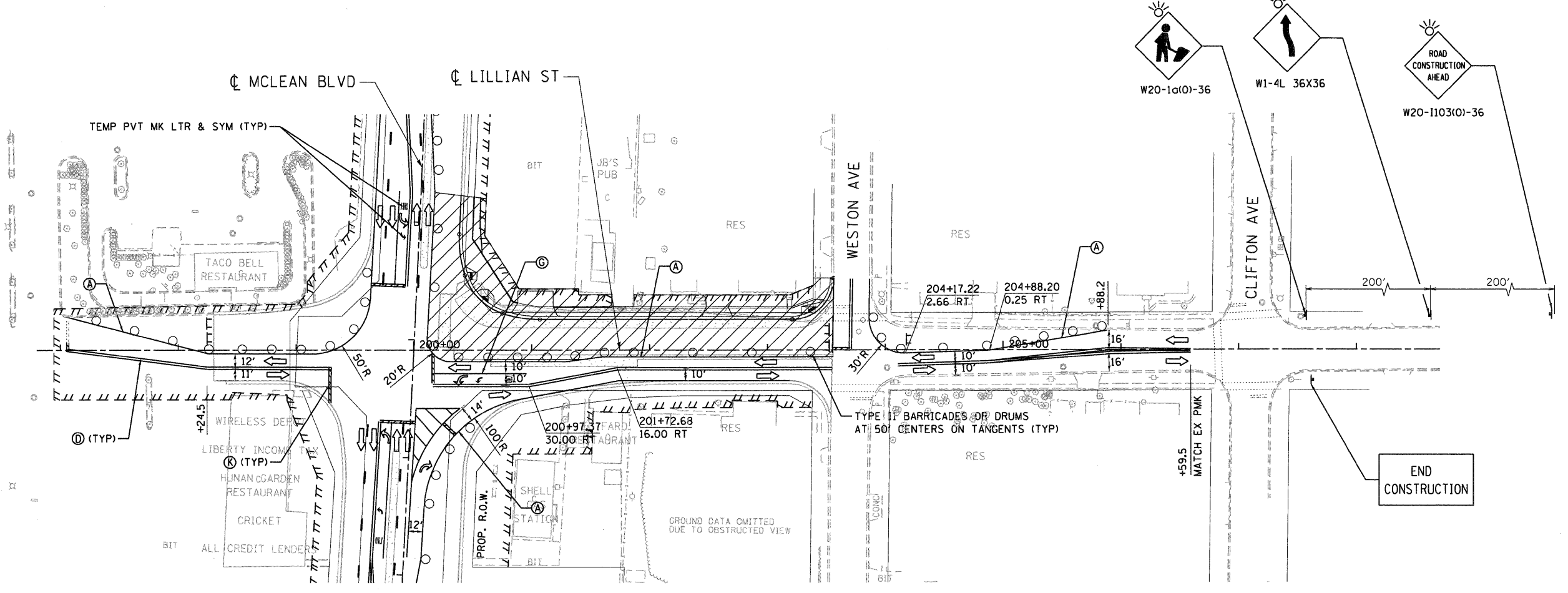
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 SHEET NO. OF STA. 196+80.00 TO STA. 208+70.78

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	232
CONTRACT NO. 60H45				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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 ..\F5-9244\AMVAULT.D\TRANS.87\2282\2379-800\CIVIL\CAD\60H45\ASHEET.D\60H45-SHT-STAGING.L22.DGN  
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### LEGEND

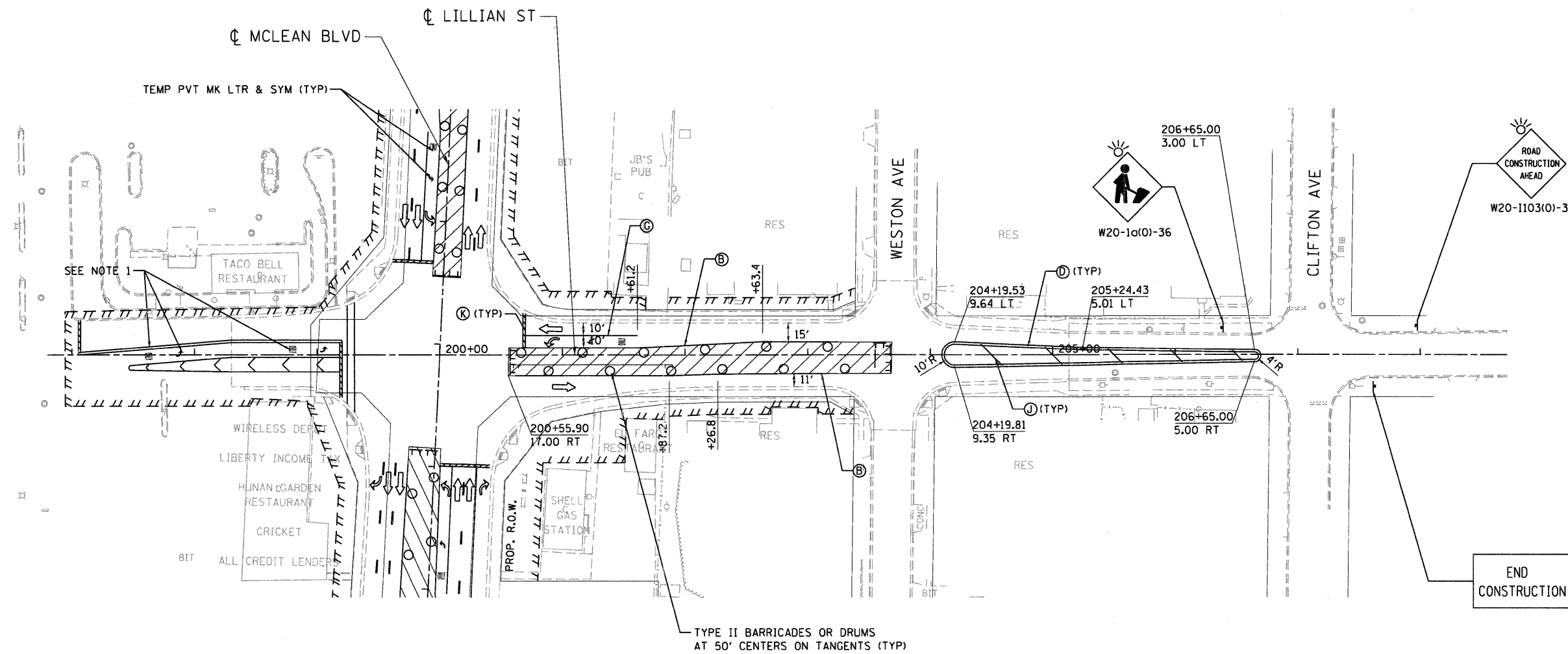
- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

### PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING

- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

\\NAS-0241\ARK\VAL\T-TRANS-071\2222\21379-001\CIVIL\CAD\60H45\SHEET\_0160H45-DESIGN.DGN, \\NAS-0241\ARK\VAL\T-TRANS-071\2222\21379-001\CIVIL\CAD\60H45\SHEET\_0160H45-LEGEND.DGN, \\NAS-0241\ARK\VAL\T-TRANS-071\2222\21379-001\CIVIL\CAD\60H45\SHEET\_0160H45-TOP02-4.DGN, \\NAS-0241\ARK\VAL\T-TRANS-071\2222\21379-001\CIVIL\CAD\60H45\SHEET\_0160H45-DRAIN.P01.DGN, \\NAS-0241\ARK\VAL\T-TRANS-071\2222\21379-001\CIVIL\CAD\60H45\SHEET\_0160H45-LEGEND.DGN

FILE NAME =				USER NAME = #USER#				DESIGNED - MM		REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20				<b>STAGING AND TRAFFIC CONTROL</b> <b>STAGE II.4B</b> <b>LILLIAN STREET</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#								DRAWN - MH		REVISED -										345	8R-R	KANE	794	233
				TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS				CHECKED - PB		REVISED -		SCALE: 1"=50'				SHEET NO. OF STA. 196+80.00 TO STA. 208+70.78				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
PLOT SCALE = #SCALE#				DATE - 12/16/11				REVISOR -																CONTRACT NO. 60H45
PLOT DATE = #DATE#																								



- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGES

**PAVEMENT MARKING LEGEND-MCLEAN AND SIDESTREETS STAGING**

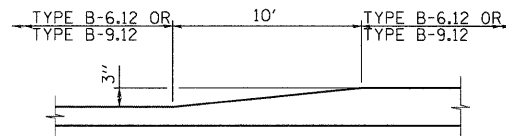
- (A) TEMP PVT MK LINE 4 (SOLID, WHITE)
- (B) TEMP PVT MK LINE 4 (SOLID, YELLOW)
- (C) TEMP PVT MK LINE 4 (SOLID, DOUBLE WHITE)
- (D) TEMP PVT MK LINE 4 (SOLID, DOUBLE YELLOW)
- (E) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, WHITE)
- (F) TEMP PVT MK LINE 4 (10' DASH - 30' SKIP, YELLOW)
- (G) TEMP PVT MK LINE 6 (SOLID, WHITE)
- (H) TEMP PVT MK LINE 6 (2' DASH - 6' SKIP, WHITE)
- (I) TEMP PVT MK LINE 8 (SOLID, WHITE)
- (J) TEMP PVT MK LINE 12 (SOLID, YELLOW)
- (K) TEMP PVT MK LINE 24 (SOLID, WHITE)
- (L) TEMP PVT MK LINE 12 (SOLID, WHITE)

**NOTE:**

1. SEE SHEET 355 FOR PAVEMENT MARKING ON LILLIAN ST WEST OF MCLEAN BLVD.

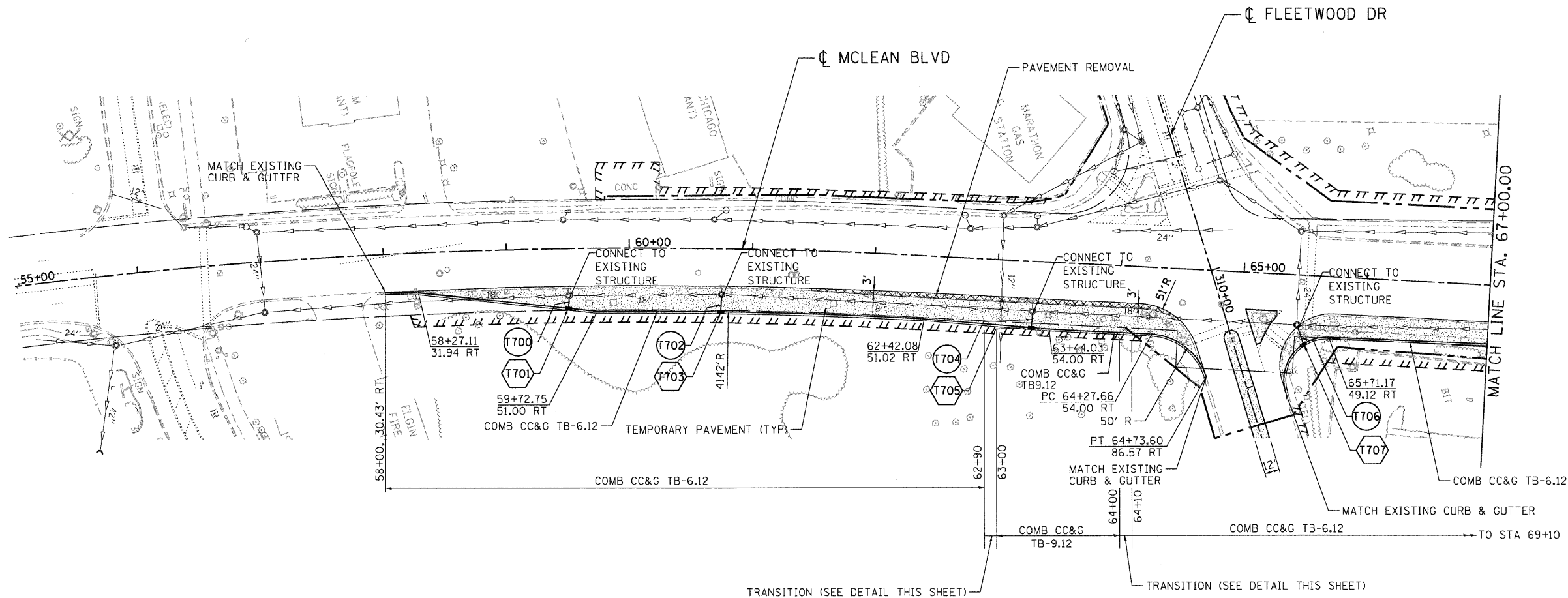
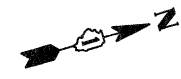
FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MM	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20	<b>STAGING AND TRAFFIC CONTROL</b> <b>STAGE III</b> <b>LILLIAN STREET</b>	F.A.P RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 234
		PLOT SCALE = #SCALE# PLOT DATE = #DATE#	CHECKED - PB DATE - 12/16/11			REVISED - REVISED -	SCALE: 1"=50' SHEET NO. OF	STA. 196+80.00 TO STA. 208+70.78	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT <b>CONTRACT NO. 60H45</b>	

..\\D:\6045-BORDER\01.DGN, ..\\D:\6045-BORDER\02.DGN, ..\\D:\6045-BORDER\03.DGN, ..\\D:\6045-BORDER\04.DGN, ..\\D:\6045-BORDER\05.DGN, ..\\D:\6045-BORDER\06.DGN, ..\\D:\6045-BORDER\07.DGN, ..\\D:\6045-BORDER\08.DGN, ..\\D:\6045-BORDER\09.DGN, ..\\D:\6045-BORDER\10.DGN, ..\\D:\6045-BORDER\11.DGN, ..\\D:\6045-BORDER\12.DGN, ..\\D:\6045-BORDER\13.DGN, ..\\D:\6045-BORDER\14.DGN, ..\\D:\6045-BORDER\15.DGN, ..\\D:\6045-BORDER\16.DGN, ..\\D:\6045-BORDER\17.DGN, ..\\D:\6045-BORDER\18.DGN, ..\\D:\6045-BORDER\19.DGN, ..\\D:\6045-BORDER\20.DGN, ..\\D:\6045-BORDER\21.DGN, ..\\D:\6045-BORDER\22.DGN, ..\\D:\6045-BORDER\23.DGN, ..\\D:\6045-BORDER\24.DGN, ..\\D:\6045-BORDER\25.DGN, ..\\D:\6045-BORDER\26.DGN, ..\\D:\6045-BORDER\27.DGN, ..\\D:\6045-BORDER\28.DGN, ..\\D:\6045-BORDER\29.DGN, ..\\D:\6045-BORDER\30.DGN, ..\\D:\6045-BORDER\31.DGN, ..\\D:\6045-BORDER\32.DGN, ..\\D:\6045-BORDER\33.DGN, ..\\D:\6045-BORDER\34.DGN, ..\\D:\6045-BORDER\35.DGN, ..\\D:\6045-BORDER\36.DGN, ..\\D:\6045-BORDER\37.DGN, ..\\D:\6045-BORDER\38.DGN, ..\\D:\6045-BORDER\39.DGN, ..\\D:\6045-BORDER\40.DGN, ..\\D:\6045-BORDER\41.DGN, ..\\D:\6045-BORDER\42.DGN, ..\\D:\6045-BORDER\43.DGN, ..\\D:\6045-BORDER\44.DGN, ..\\D:\6045-BORDER\45.DGN, ..\\D:\6045-BORDER\46.DGN, ..\\D:\6045-BORDER\47.DGN, ..\\D:\6045-BORDER\48.DGN, ..\\D:\6045-BORDER\49.DGN, ..\\D:\6045-BORDER\50.DGN, ..\\D:\6045-BORDER\51.DGN, ..\\D:\6045-BORDER\52.DGN, ..\\D:\6045-BORDER\53.DGN, ..\\D:\6045-BORDER\54.DGN, ..\\D:\6045-BORDER\55.DGN, ..\\D:\6045-BORDER\56.DGN, ..\\D:\6045-BORDER\57.DGN, ..\\D:\6045-BORDER\58.DGN, ..\\D:\6045-BORDER\59.DGN, ..\\D:\6045-BORDER\60.DGN, ..\\D:\6045-BORDER\61.DGN, ..\\D:\6045-BORDER\62.DGN, ..\\D:\6045-BORDER\63.DGN, ..\\D:\6045-BORDER\64.DGN, ..\\D:\6045-BORDER\65.DGN, ..\\D:\6045-BORDER\66.DGN, ..\\D:\6045-BORDER\67.DGN, ..\\D:\6045-BORDER\68.DGN, ..\\D:\6045-BORDER\69.DGN, ..\\D:\6045-BORDER\70.DGN, ..\\D:\6045-BORDER\71.DGN, ..\\D:\6045-BORDER\72.DGN, ..\\D:\6045-BORDER\73.DGN, ..\\D:\6045-BORDER\74.DGN, ..\\D:\6045-BORDER\75.DGN, ..\\D:\6045-BORDER\76.DGN, ..\\D:\6045-BORDER\77.DGN, ..\\D:\6045-BORDER\78.DGN, ..\\D:\6045-BORDER\79.DGN, ..\\D:\6045-BORDER\80.DGN, ..\\D:\6045-BORDER\81.DGN, ..\\D:\6045-BORDER\82.DGN, ..\\D:\6045-BORDER\83.DGN, ..\\D:\6045-BORDER\84.DGN, ..\\D:\6045-BORDER\85.DGN, ..\\D:\6045-BORDER\86.DGN, ..\\D:\6045-BORDER\87.DGN, ..\\D:\6045-BORDER\88.DGN, ..\\D:\6045-BORDER\89.DGN, ..\\D:\6045-BORDER\90.DGN, ..\\D:\6045-BORDER\91.DGN, ..\\D:\6045-BORDER\92.DGN, ..\\D:\6045-BORDER\93.DGN, ..\\D:\6045-BORDER\94.DGN, ..\\D:\6045-BORDER\95.DGN, ..\\D:\6045-BORDER\96.DGN, ..\\D:\6045-BORDER\97.DGN, ..\\D:\6045-BORDER\98.DGN, ..\\D:\6045-BORDER\99.DGN, ..\\D:\6045-BORDER\100.DGN



**TRANSITION DETAILS**

TRANSITION SHALL BE MEASURED AND PAID FOR AS COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12.

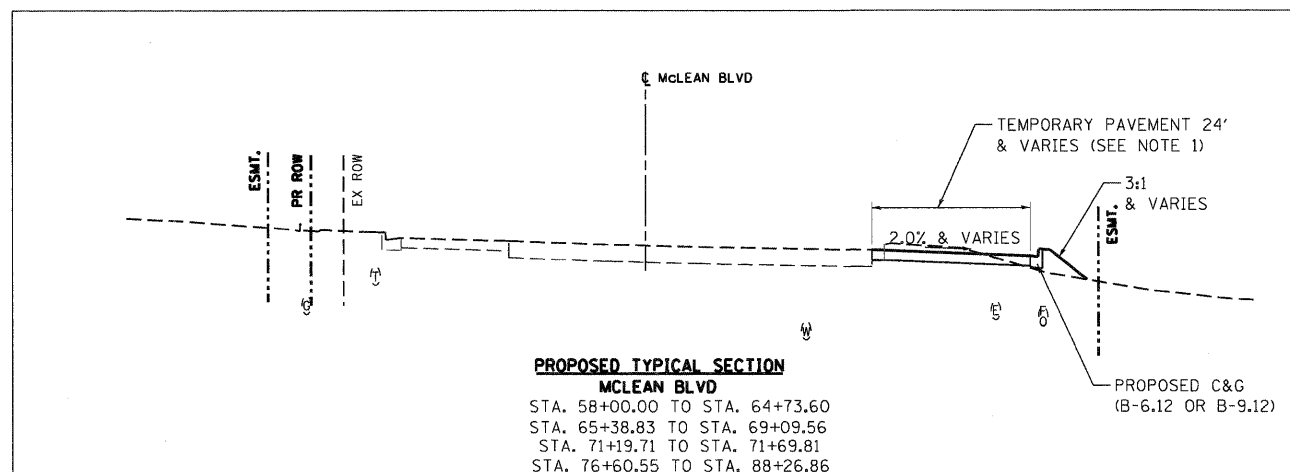


**NOTES:**

1. SEE DRAINAGE SCHEDULES FOR TEMPORARY DRAINAGE INFORMATION.

**LEGEND**

- TEMPORARY STORM SEWER
- TEMPORARY DRAINAGE STRUCTURE

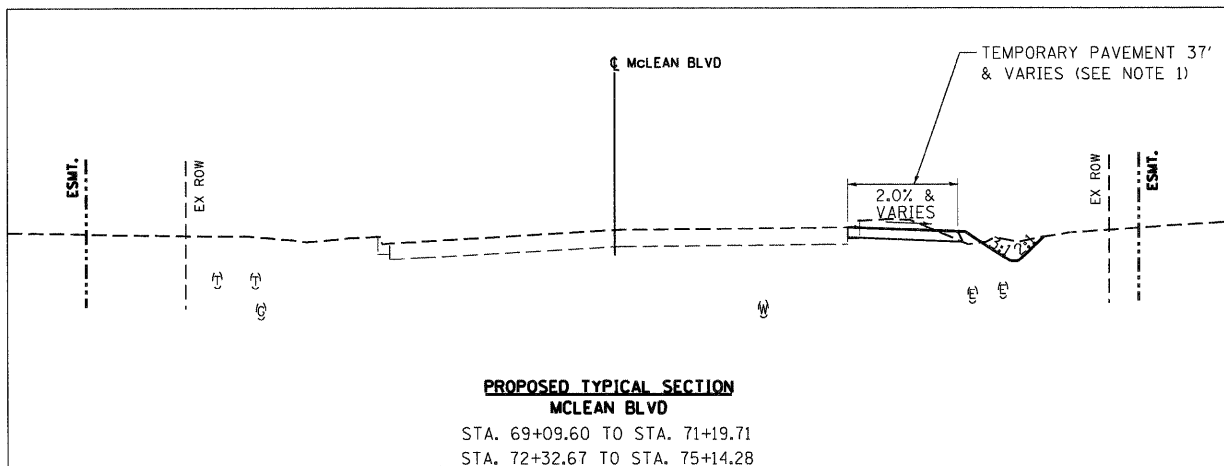
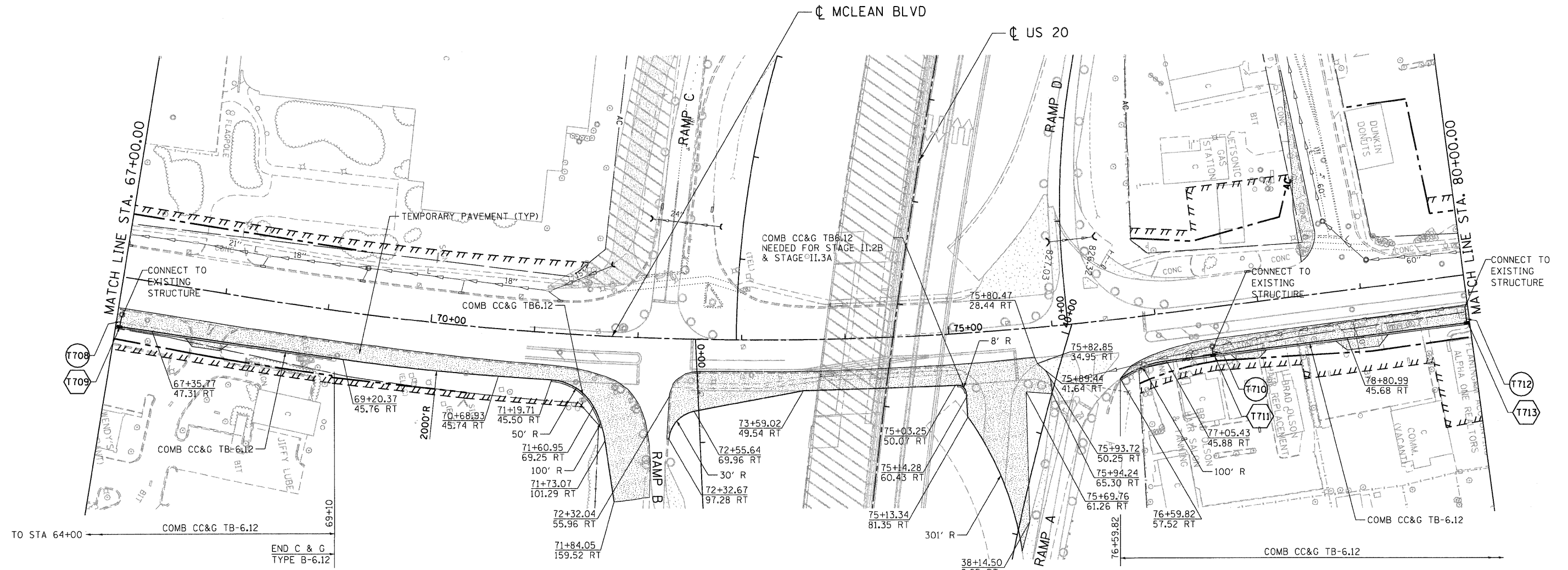


**PROPOSED TYPICAL SECTION  
MCLEAN BLVD**

STA. 58+00.00 TO STA. 64+73.60  
 STA. 65+38.83 TO STA. 69+09.56  
 STA. 71+19.71 TO STA. 71+69.81  
 STA. 76+60.55 TO STA. 88+26.86

..\D168H45-BORDER01.DGN, ..\D168H45-ALIGNMENT.DGN, ..\D168H45-STAGING2.DGN, ..\D168H45-TOPO2.DGN, ..\D168H45-LEGEND.DGN, ..\D168H45-DRAIN10.DGN, ..\D168H45-DRAIN21.DGN, ..\D168H45-DRAIN31.DGN, ..\D168H45-DRAIN41.DGN, ..\D168H45-DRAIN51.DGN, ..\D168H45-DRAIN61.DGN, ..\D168H45-DRAIN71.DGN, ..\D168H45-DRAIN81.DGN, ..\D168H45-DRAIN91.DGN, ..\D168H45-DRAIN101.DGN, ..\D168H45-DRAIN111.DGN, ..\D168H45-DRAIN121.DGN, ..\D168H45-DRAIN131.DGN, ..\D168H45-DRAIN141.DGN, ..\D168H45-DRAIN151.DGN, ..\D168H45-DRAIN161.DGN, ..\D168H45-DRAIN171.DGN, ..\D168H45-DRAIN181.DGN, ..\D168H45-DRAIN191.DGN, ..\D168H45-DRAIN201.DGN, ..\D168H45-DRAIN211.DGN, ..\D168H45-DRAIN221.DGN, ..\D168H45-DRAIN231.DGN, ..\D168H45-DRAIN241.DGN, ..\D168H45-DRAIN251.DGN, ..\D168H45-DRAIN261.DGN, ..\D168H45-DRAIN271.DGN, ..\D168H45-DRAIN281.DGN, ..\D168H45-DRAIN291.DGN, ..\D168H45-DRAIN301.DGN, ..\D168H45-DRAIN311.DGN, ..\D168H45-DRAIN321.DGN, ..\D168H45-DRAIN331.DGN, ..\D168H45-DRAIN341.DGN, ..\D168H45-DRAIN351.DGN, ..\D168H45-DRAIN361.DGN, ..\D168H45-DRAIN371.DGN, ..\D168H45-DRAIN381.DGN, ..\D168H45-DRAIN391.DGN, ..\D168H45-DRAIN401.DGN, ..\D168H45-DRAIN411.DGN, ..\D168H45-DRAIN421.DGN, ..\D168H45-DRAIN431.DGN, ..\D168H45-DRAIN441.DGN, ..\D168H45-DRAIN451.DGN, ..\D168H45-DRAIN461.DGN, ..\D168H45-DRAIN471.DGN, ..\D168H45-DRAIN481.DGN, ..\D168H45-DRAIN491.DGN, ..\D168H45-DRAIN501.DGN, ..\D168H45-DRAIN511.DGN, ..\D168H45-DRAIN521.DGN, ..\D168H45-DRAIN531.DGN, ..\D168H45-DRAIN541.DGN, ..\D168H45-DRAIN551.DGN, ..\D168H45-DRAIN561.DGN, ..\D168H45-DRAIN571.DGN, ..\D168H45-DRAIN581.DGN, ..\D168H45-DRAIN591.DGN, ..\D168H45-DRAIN601.DGN, ..\D168H45-DRAIN611.DGN, ..\D168H45-DRAIN621.DGN, ..\D168H45-DRAIN631.DGN, ..\D168H45-DRAIN641.DGN, ..\D168H45-DRAIN651.DGN, ..\D168H45-DRAIN661.DGN, ..\D168H45-DRAIN671.DGN, ..\D168H45-DRAIN681.DGN, ..\D168H45-DRAIN691.DGN, ..\D168H45-DRAIN701.DGN, ..\D168H45-DRAIN711.DGN, ..\D168H45-DRAIN721.DGN, ..\D168H45-DRAIN731.DGN, ..\D168H45-DRAIN741.DGN, ..\D168H45-DRAIN751.DGN, ..\D168H45-DRAIN761.DGN, ..\D168H45-DRAIN771.DGN, ..\D168H45-DRAIN781.DGN, ..\D168H45-DRAIN791.DGN, ..\D168H45-DRAIN801.DGN, ..\D168H45-DRAIN811.DGN, ..\D168H45-DRAIN821.DGN, ..\D168H45-DRAIN831.DGN, ..\D168H45-DRAIN841.DGN, ..\D168H45-DRAIN851.DGN, ..\D168H45-DRAIN861.DGN, ..\D168H45-DRAIN871.DGN, ..\D168H45-DRAIN881.DGN, ..\D168H45-DRAIN891.DGN, ..\D168H45-DRAIN901.DGN, ..\D168H45-DRAIN911.DGN, ..\D168H45-DRAIN921.DGN, ..\D168H45-DRAIN931.DGN, ..\D168H45-DRAIN941.DGN, ..\D168H45-DRAIN951.DGN, ..\D168H45-DRAIN961.DGN, ..\D168H45-DRAIN971.DGN, ..\D168H45-DRAIN981.DGN, ..\D168H45-DRAIN991.DGN, ..\D168H45-DRAIN1001.DGN

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TENG	TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	DRAWN - JFS	REVISED -			SCALE: 1"=50'	SHEET NO. OF	STA. 55+00.00	TO STA. 67+00.00	CONTRACT NO. 60H45	
		CHECKED - PB	REVISED -							FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	
		DATE - 12/16/11	REVISED -								



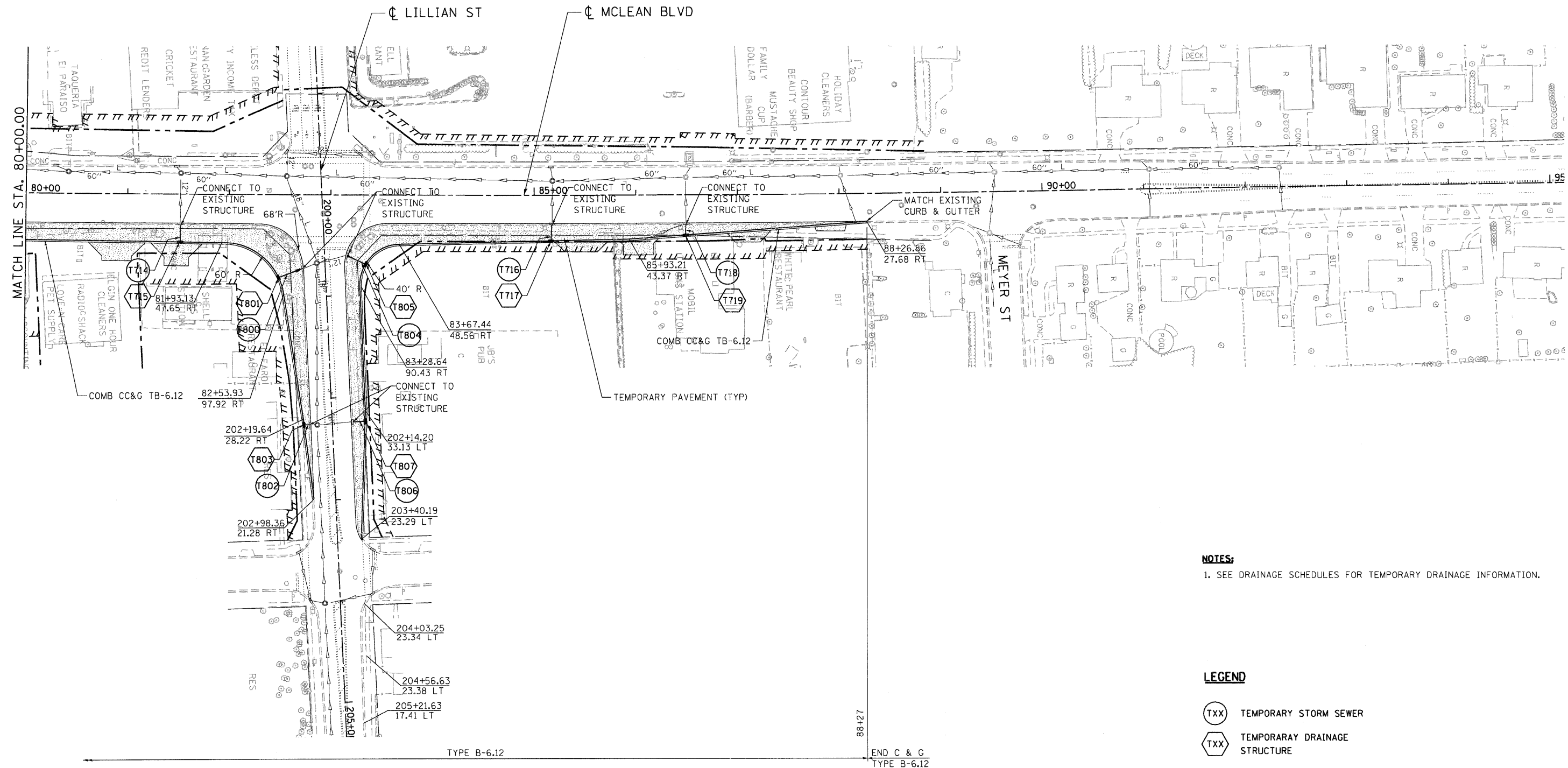
**NOTES:**  
1. SEE DRAINAGE SCHEDULES FOR TEMPORARY DRAINAGE INFORMATION.

**LEGEND**

- TEMPORARY STORM SEWER
- TEMPORARY DRAINAGE STRUCTURE

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FILE NAME =	USER NAME = *USER*	DESIGNED - AB	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20</b>	<b>STAGING AND TRAFFIC CONTROL TEMPORARY WIDENING MCLEAN BOULEVARD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN - JFS	REVISED -			345	8R-R	KANE	794	236	
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PLOT DATE = *DATE*		DATE - 12/16/11	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 60H45	



**NOTES:**  
 1. SEE DRAINAGE SCHEDULES FOR TEMPORARY DRAINAGE INFORMATION.

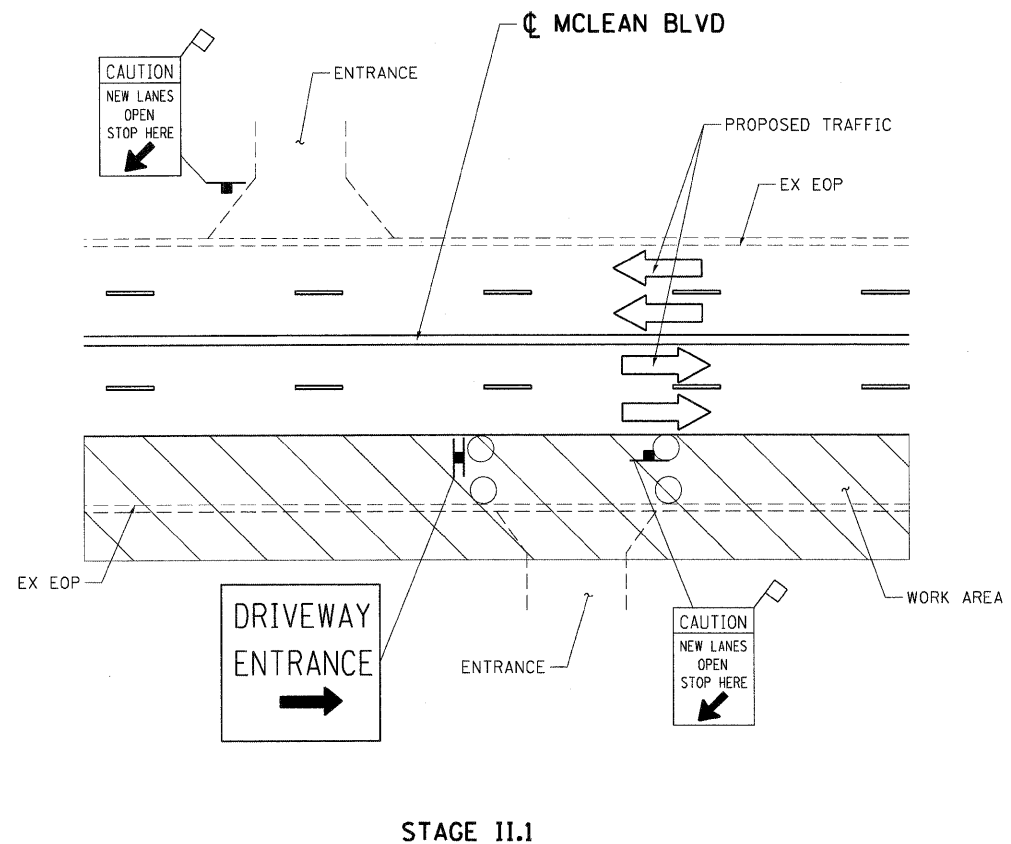
**LEGEND**

(TXX) TEMPORARY STORM SEWER  
 (TXX) TEMPORARY DRAINAGE STRUCTURE

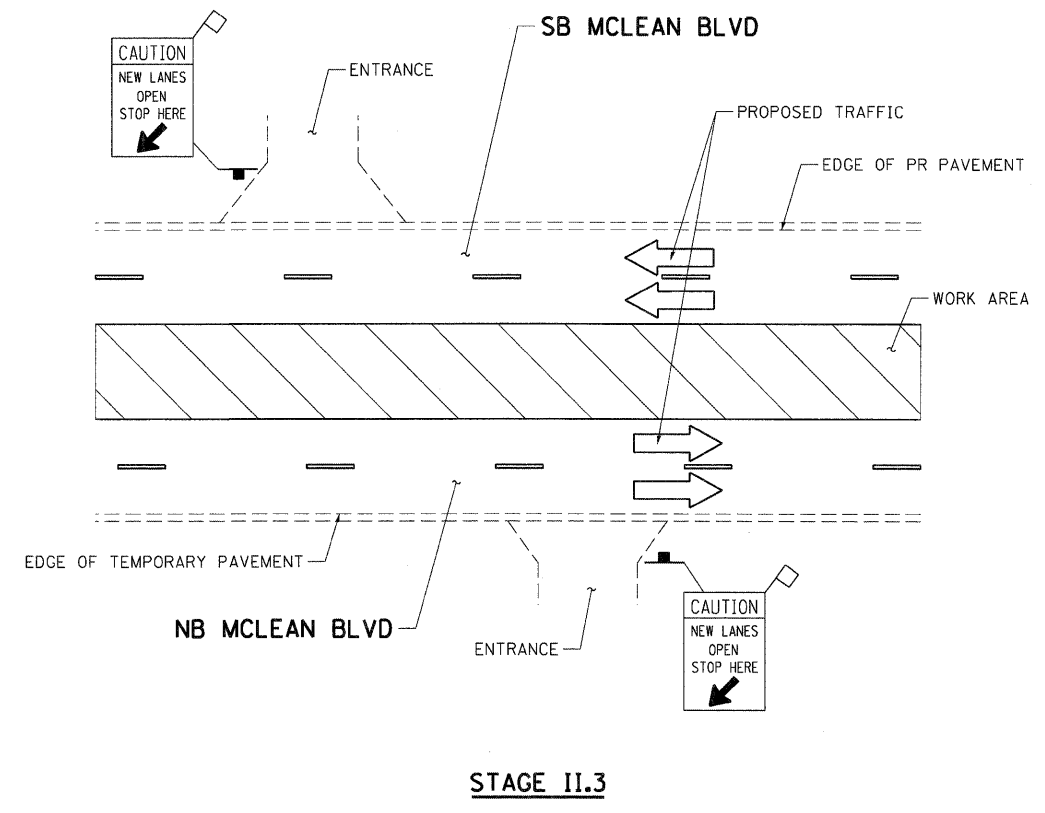
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FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - AB DRAWN - JFS CHECKED - PB DATE - 12/16/11	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20	<b>STAGING AND TRAFFIC CONTROL</b> <b>TEMPORARY WIDENING</b> <b>MCLEAN BOULEVARD</b>	F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 237
<b>TENG</b> TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS						SCALE: 1"=50'	SHEET NO. OF	STA. 80+00.00	TO STA. 91+00.00	FED. ROAD DIST. NO.

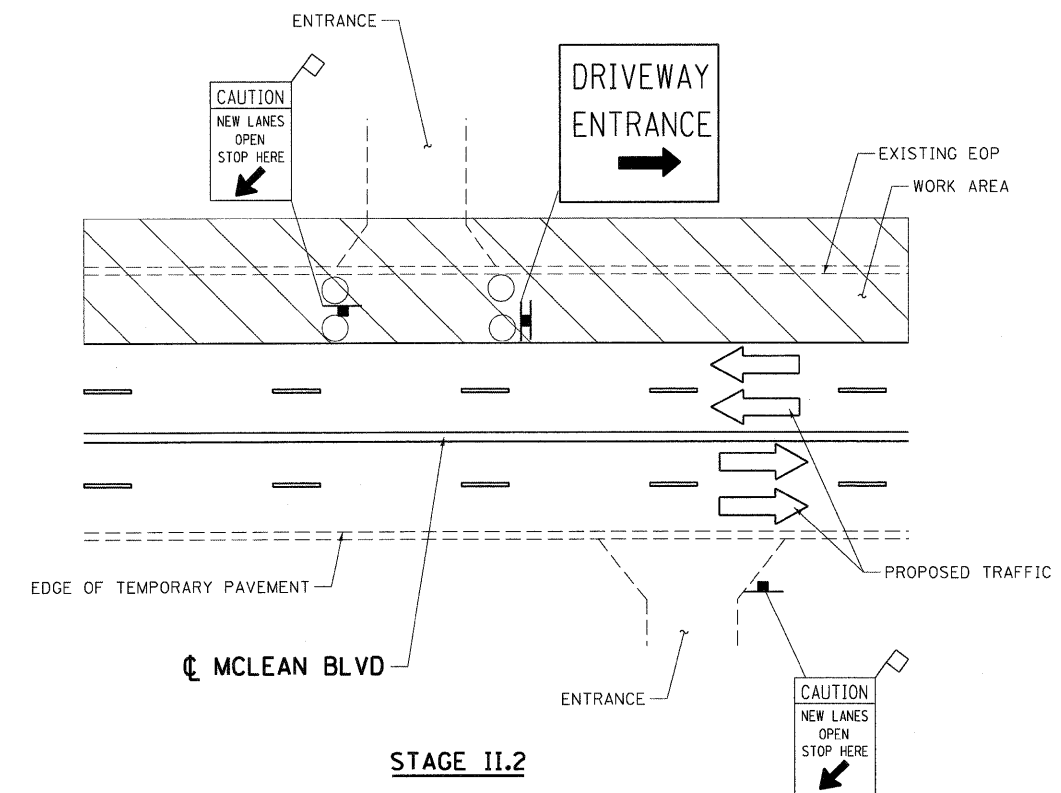
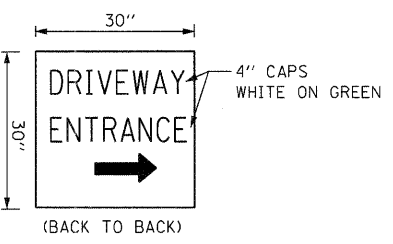
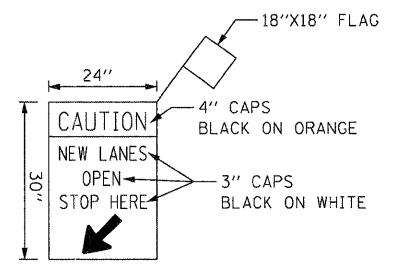
CONTRACT NO. 60H45



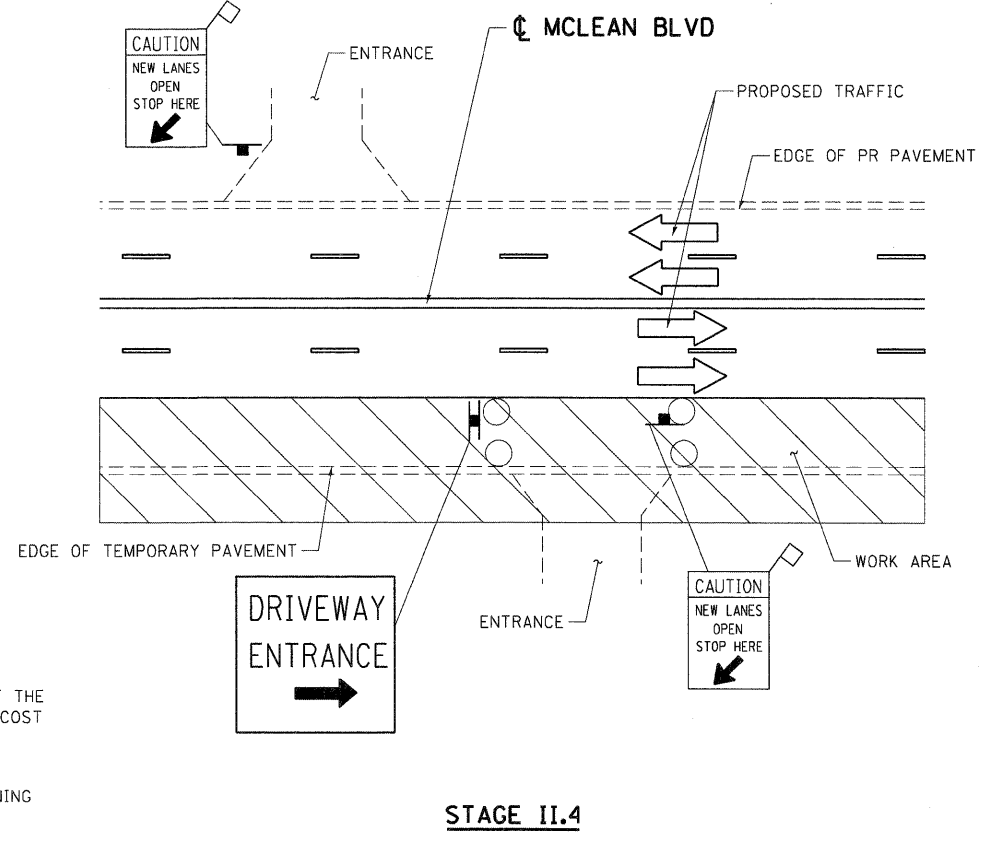
STAGE II.1



STAGE II.3



STAGE II.2



STAGE II.4

**NOTES:**

- "CAUTION NEW LANES OPEN STOP HERE" SIGNS SHALL BE PLACED AT EACH ENTRANCE WITHIN THE CONTRACT LIMITS DURING EACH STAGE OF CONSTRUCTION. THE LOCATION SHALL BE 4' MINIMUM FROM THE EDGE OF THE INTERSECTING TRAVELED LANE AND AS DIRECTED BY THE ENGINEER. THE COST OF THESE SIGNS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TRAFFIC CONTROL AND PROTECTION, SPECIAL".
- SIGNING IS SHOWN FOR STAGING ON MCLEAN BOULEVARD. SIMILAR SIGNING SHALL BE USED ON FLEETWOOD DR. AND LILIAN ST. WHERE APPLICABLE.

\\FS-0814\AMV\VAULT.T.D-TRANS.07\2202\31379-081\CIVIL\CAD\60H45\SHEET\DI06H45-SHT-STAGING\INDL.DGN  
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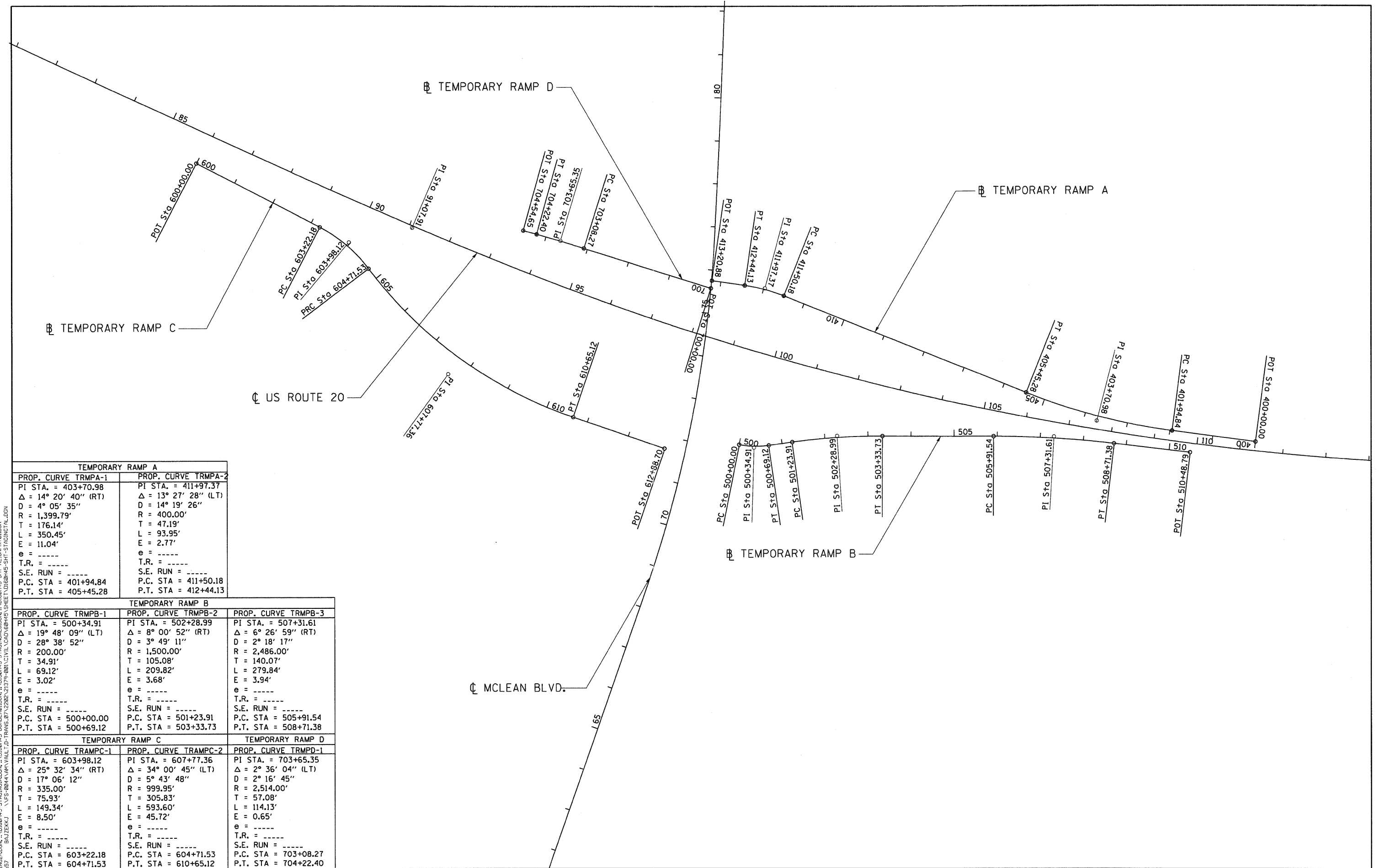
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

<b>STAGING AND TRAFFIC CONTROL TYPICAL ENTRANCE SIGNING</b>			
SCALE: N.T.S.	SHEET NO.	OF	STA. TO STA.

F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 238
CONTRACT NO. 60H45				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



\\D:\60445-STAGING\ADON... \D168H45-STAGING\ADON... \D168H45-SHT-AL\IGNMNT\OLDEN  
 12-12-2011 1:38:45.7  
 BAJ.ZEKKJ \NFS-08044\MMV\VAULT\J.D-TRANS.87\2282\21379-800\CIVIL\CD\60445\SH-SHEET.DWG\60445-SHT-STAGING\ADON...



TEMPORARY RAMP A	
PROP. CURVE TRMPA-1	PROP. CURVE TRMPA-2
PI STA. = 403+70.98	PI STA. = 411+97.37
Δ = 14° 20' 40" (RT)	Δ = 13° 27' 28" (LT)
D = 4° 05' 35"	D = 14° 19' 26"
R = 1,399.79'	R = 400.00'
T = 176.14'	T = 47.19'
L = 350.45'	L = 93.95'
E = 11.04'	E = 2.77'
e = -----	e = -----
T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----
P.C. STA = 401+94.84	P.C. STA = 411+50.18
P.T. STA = 405+45.28	P.T. STA = 412+44.13

TEMPORARY RAMP B		
PROP. CURVE TRMPB-1	PROP. CURVE TRMPB-2	PROP. CURVE TRMPB-3
PI STA. = 500+34.91	PI STA. = 502+28.99	PI STA. = 507+31.61
Δ = 19° 48' 09" (LT)	Δ = 8° 00' 52" (RT)	Δ = 6° 26' 59" (RT)
D = 28° 38' 52"	D = 3° 49' 11"	D = 2° 18' 17"
R = 200.00'	R = 1,500.00'	R = 2,486.00'
T = 34.91'	T = 105.08'	T = 140.07'
L = 69.12'	L = 209.82'	L = 279.84'
E = 3.02'	E = 3.68'	E = 3.94'
e = -----	e = -----	e = -----
T.R. = -----	T.R. = -----	T.R. = -----
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----
P.C. STA = 500+00.00	P.C. STA = 501+23.91	P.C. STA = 505+91.54
P.T. STA = 500+69.12	P.T. STA = 503+33.73	P.T. STA = 508+71.38

TEMPORARY RAMP C		TEMPORARY RAMP D	
PROP. CURVE TRMPC-1	PROP. CURVE TRMPC-2	PROP. CURVE TRMPD-1	
PI STA. = 603+98.12	PI STA. = 607+77.36	PI STA. = 703+65.35	
Δ = 25° 32' 34" (RT)	Δ = 34° 00' 45" (LT)	Δ = 2° 36' 04" (LT)	
D = 17° 06' 12"	D = 5° 43' 48"	D = 2° 16' 45"	
R = 335.00'	R = 999.95'	R = 2,514.00'	
T = 75.93'	T = 305.83'	T = 57.08'	
L = 149.34'	L = 593.60'	L = 114.13'	
E = 8.50'	E = 45.72'	E = 0.65'	
e = -----	e = -----	e = -----	
T.R. = -----	T.R. = -----	T.R. = -----	
S.E. RUN = -----	S.E. RUN = -----	S.E. RUN = -----	
P.C. STA = 603+22.18	P.C. STA = 604+71.53	P.C. STA = 703+08.27	
P.T. STA = 604+71.53	P.T. STA = 610+65.12	P.T. STA = 704+22.40	

FILE NAME =	USER NAME = #USER#	DESIGNED - MM	REVISED -
#FILEL#		DRAWN - KKS	REVISED -
TENG ENGINEERS/ARCHITECTS/PLANNERS	PLOT SCALE = #SCALE#	CHECKED - PB	REVISED -
CHICAGO, ILLINOIS	PLOT DATE = #DATE#	DATE - 12/16/11	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**STAGING AND TRAFFIC CONTROL**  
**TEMPORARY RAMP ALIGNMENTS**

SCALE: 1"=100'    SHEET NO.    OF    STA.    TO STA.

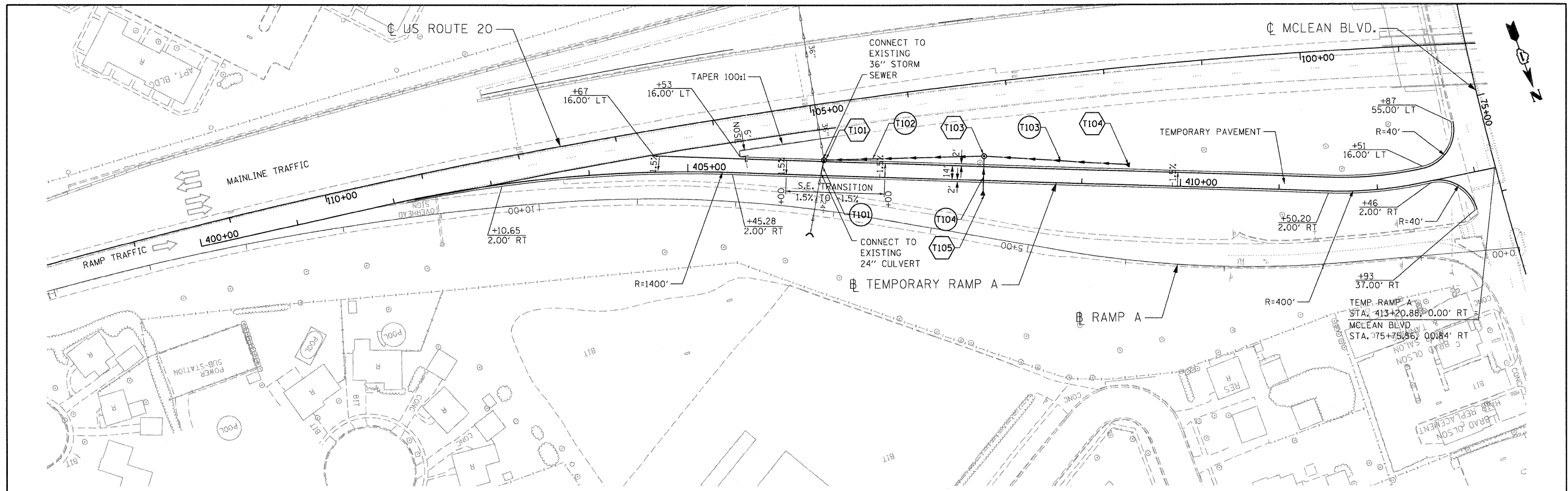
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	239

CONTRACT NO. 60H45

FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO. OF WAY CHECKED		
	CAD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO. OF WAY CHECKED		
	CAD FILE NAME		



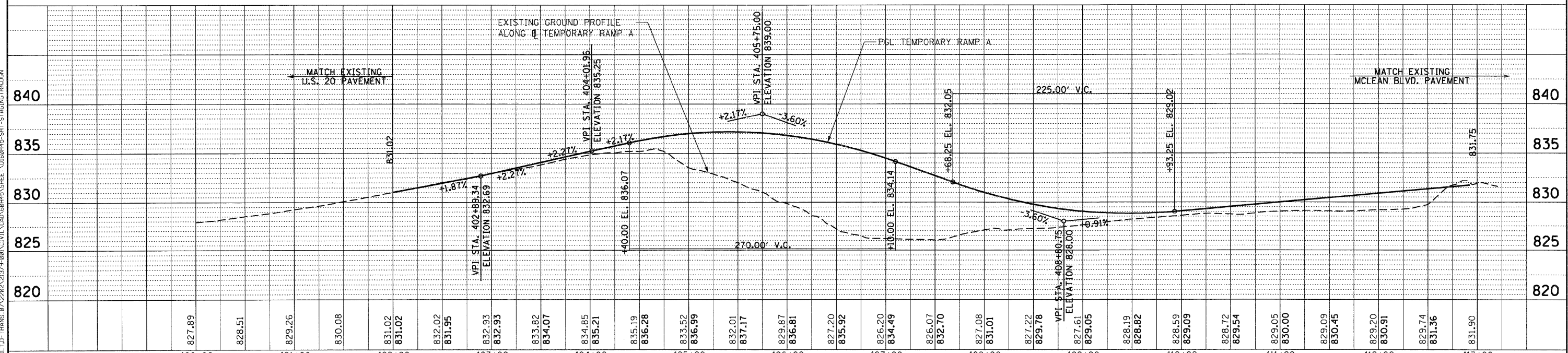
**NOTES:**

- 1) TEMPORARY RAMP "A" WILL BE UTILIZED IN STAGE IB
- 2) SEE PLANS FOR STAGE IB FOR PAVEMENT MARKING.
- 3) SEE SHEET 239 FOR TEMPORARY RAMP ALIGNMENT.
- 4) SEE DRAINAGE SCHEDULES FOR TEMPORARY DRAINAGE INFORMATION.

**INTERIM PLAN FOR RAMP A**

**LEGEND**

- (TXX) TEMPORARY STORM SEWER
- (TXX) TEMPORARY DRAINAGE STRUCTURE



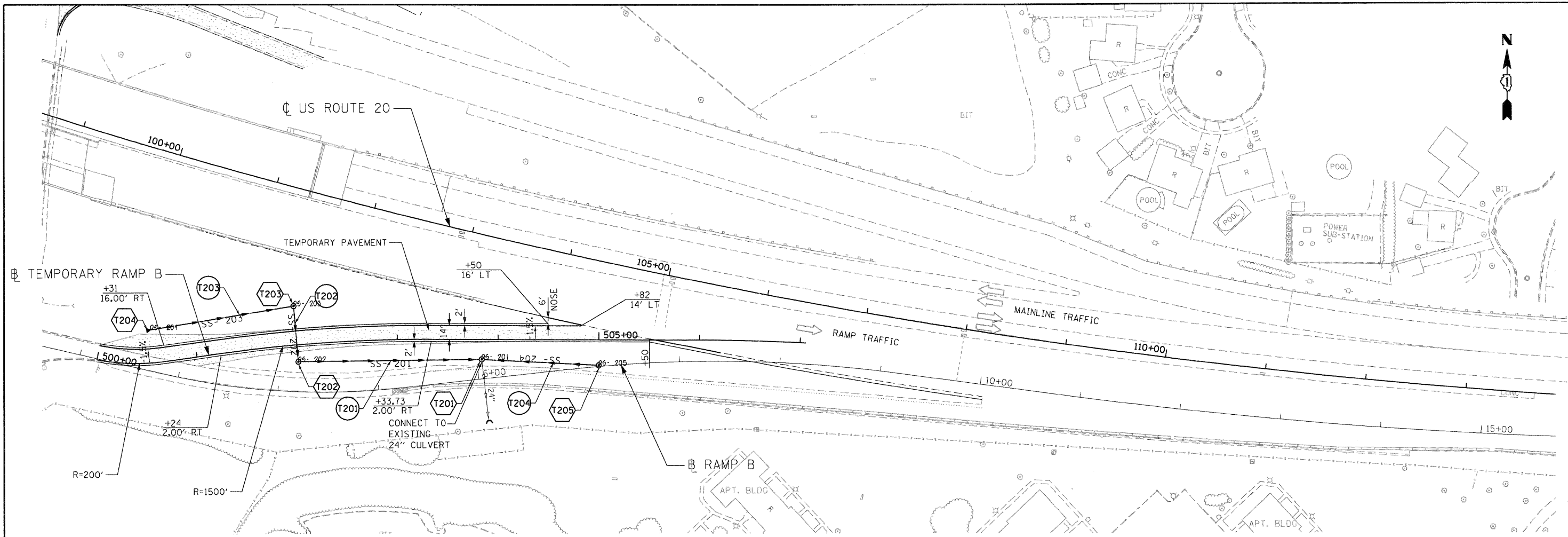
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DATE	BY
PLAN	NO.
NO. CHECKED	
FILE NAME	

DATE	BY
PROFILE	NO.
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FILE NAME	

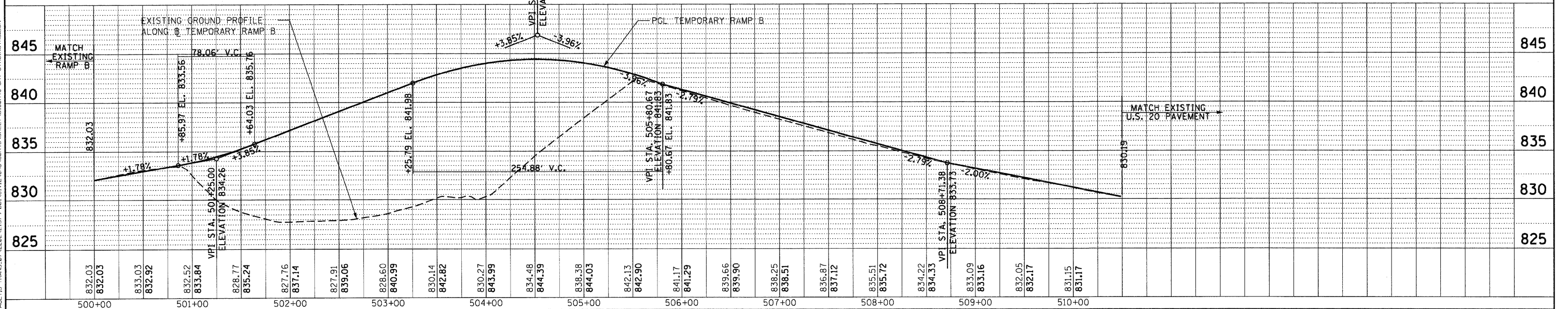


- NOTES:**
- TEMPORARY RAMP "B" WILL BE UTILIZED DURING STAGE IIA
  - SEE PLANS FOR STAGE IIA FOR PAVEMENT MARKING.
  - SEE SHEET 239 FOR TEMPORARY RAMP ALIGNMENT.
  - SEE DRAINAGE SCHEDULES FOR TEMPORARY DRAINAGE INFORMATION.

**INTERIM PLAN FOR RAMP B**

**LEGEND**

	TEMPORARY STORM SEWER
	TEMPORARY DRAINAGE STRUCTURE



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

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAP ROUTE 345 / US ROUTE 20

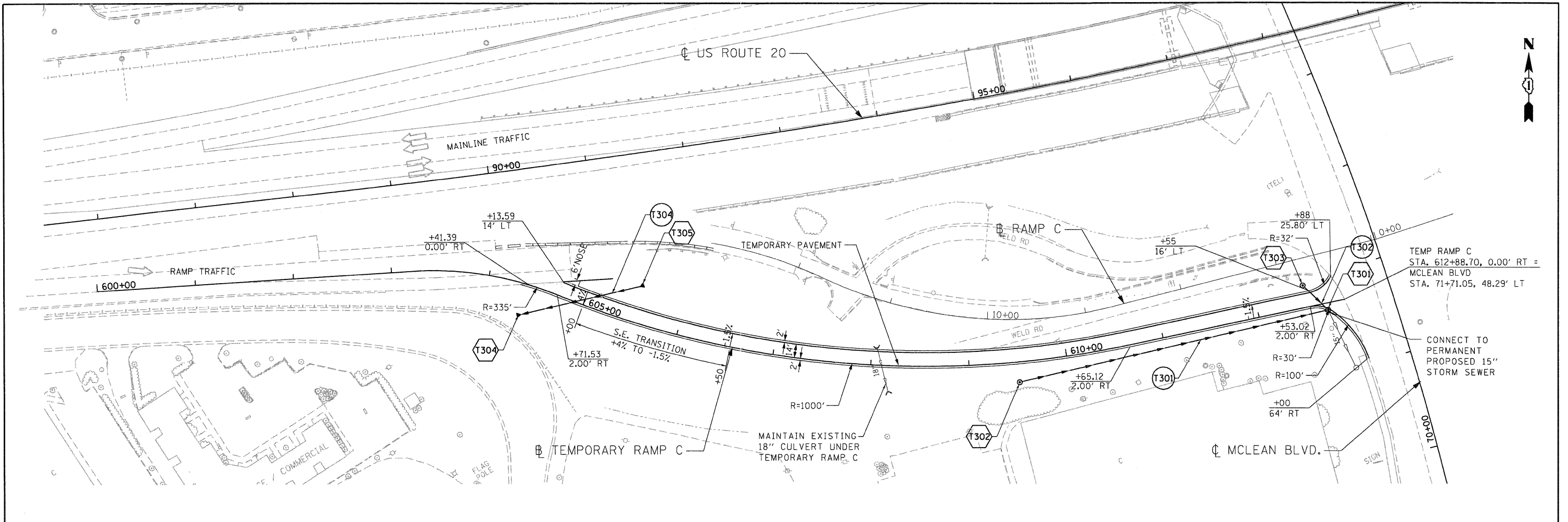
STAGING AND TRAFFIC CONTROL  
TEMPORARY RAMP B  
PLAN AND PROFILE  
SCALE: HORIZ. 1"=50' VERT. 1"=5'

F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 241
CONTRACT NO. 60H45			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	RT. OF WAY CHECKED	
	CADD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHKD	
	NO.	
	STAGING AND TRAFFIC CONTROL	
	NO.	

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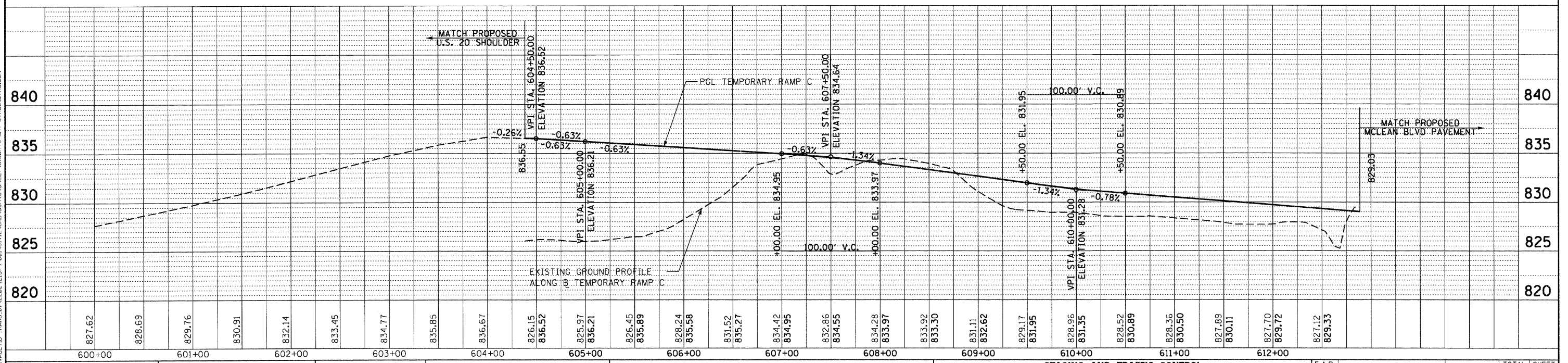
- NOTES:**
- 1) TEMPORARY RAMP "C" WILL BE UTILIZED DURING STAGE IIB.
  - 2) SEE PLANS FOR STAGE IIB FOR PAVEMENT MARKING.
  - 3) SEE SHEET 239 FOR TEMPORARY RAMP ALIGNMENT.
  - 4) SEE DRAINAGE SCHEDULES FOR TEMPORARY DRAINAGE INFORMATION.

**INTERIM PLAN FOR RAMP C**

**LEGEND**

(TXX) TEMPORARY STORM SEWER

(TXX) TEMPORARY DRAINAGE STRUCTURE



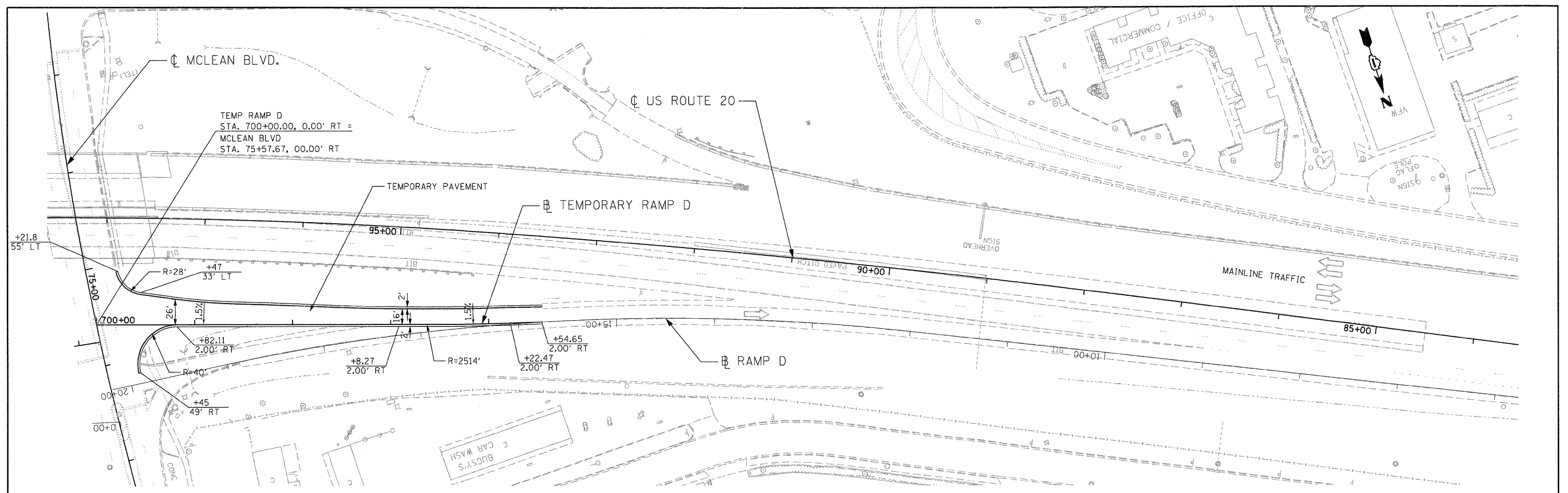
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PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	STAKE PLACEMENT	
	CONSTRUCTION	
	REVISIONS	
	BY	
	DATE	

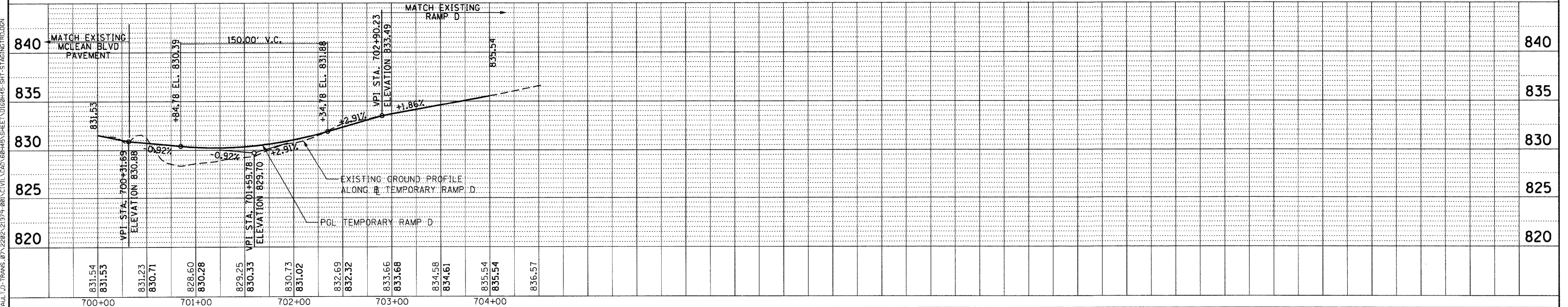
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	REVISIONS	
	BY	
	DATE	

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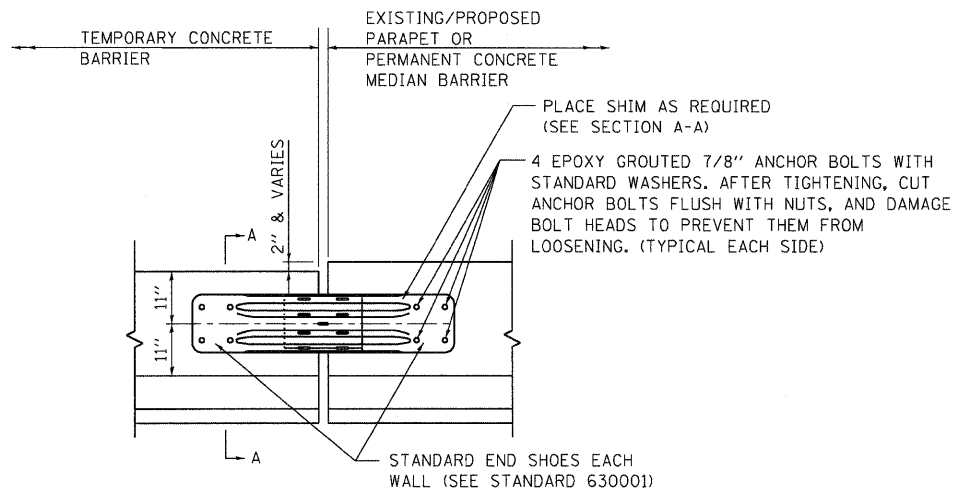


**INTERIM PLAN FOR RAMP D**

**NOTE:**  
 1) TEMPORARY RAMP "D" WILL BE UTILIZED DURING STAGE IB.  
 2) SEE PLANS FOR STAGE IB FOR PAVEMENT MARKING.  
 SEE SHEET 239 FOR TEMPORARY RAMP ALIGNMENT.



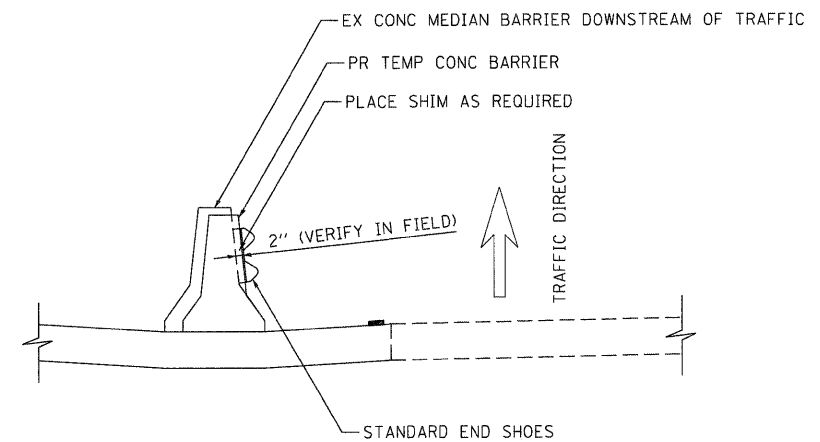
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		DATE - 12/16/11	REVISED -			SCALE: HORIZ. 1"=50' VERT. 1"=5'					



**CONNECTION DETAIL**

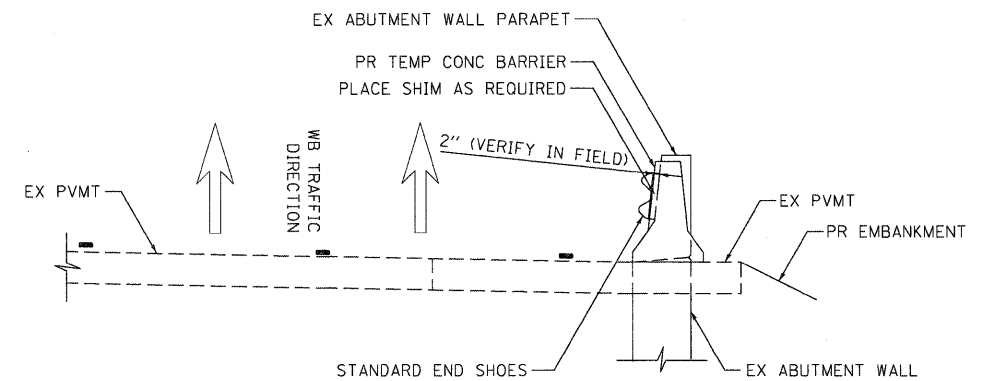
CONNECTION OF TEMPORARY CONCRETE BARRIER WALL TO THE EXISTING/PROPOSED PARAPET OR CONCRETE MEDIAN BARRIER WALL WILL NOT BE PAID FOR SEPARATELY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY CONCRETE BARRIER OR RELOCATE TEMPORARY CONCRETE BARRIER AS APPLICABLE.

NOTE: DETAIL IS SHOWN FOR INSTANCE WHEN TRAFFIC IS TO THE RIGHT OF THE CONNECTION. USE OPPOSITE HAND WHEN TRAFFIC IS TO THE LEFT OF THE CONNECTION.



**SECTION A-A**

**CONNECTION BETWEEN TEMPORARY CONCRETE BARRIER AND EXISTING CONCRETE MEDIAN BARRIER**



**SECTION A-A**

**CONNECTION BETWEEN TEMPORARY CONCRETE BARRIER AND EXISTING ABUTMENT WALL PARAPET**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**  
FAP ROUTE 345 / US ROUTE 20

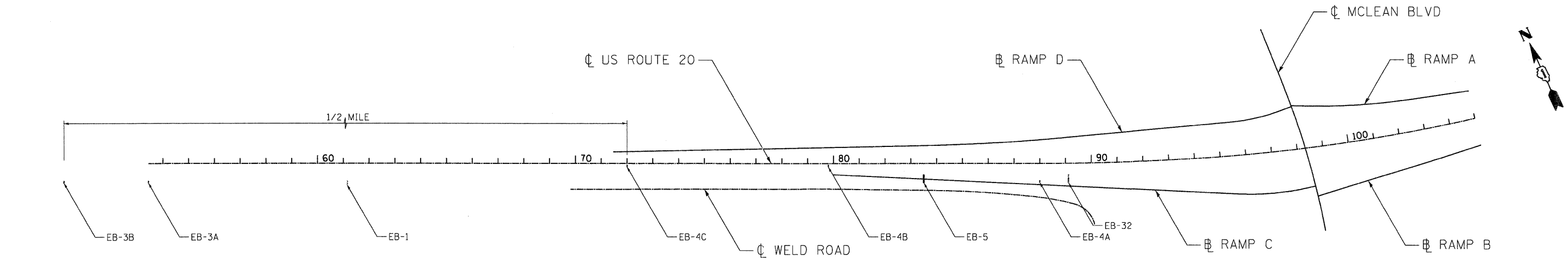
**STAGING AND TRAFFIC CONTROL  
TEMPORARY CONCRETE BARRIER CONNECTION DETAILS**

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345	8R-R	KANE	794	244
CONTRACT NO. 60H45				

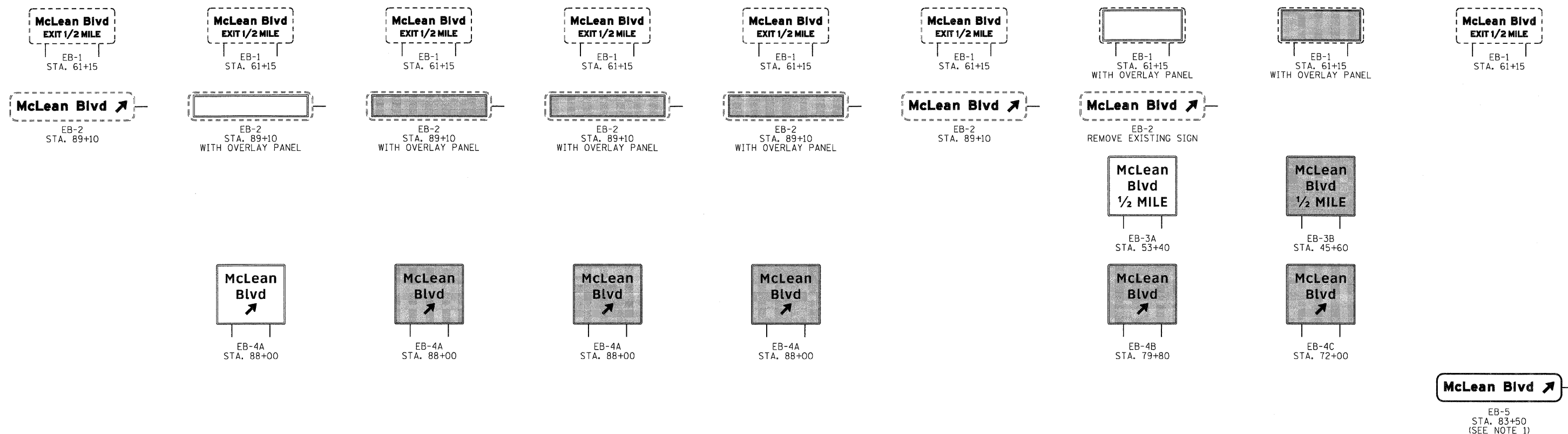
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**TENG** TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

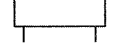
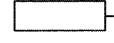



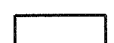
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 12-12-2011 1:38:52B




EB - PRESTAGE 1A    EB - STAGE 1A    EB - STAGE 1B    EB - STAGE 1C    EB - STAGE 1D    EB - WINTER SHUTDOWN    EB - STAGE 2A    EB - STAGE 2B    EB - STAGE 3



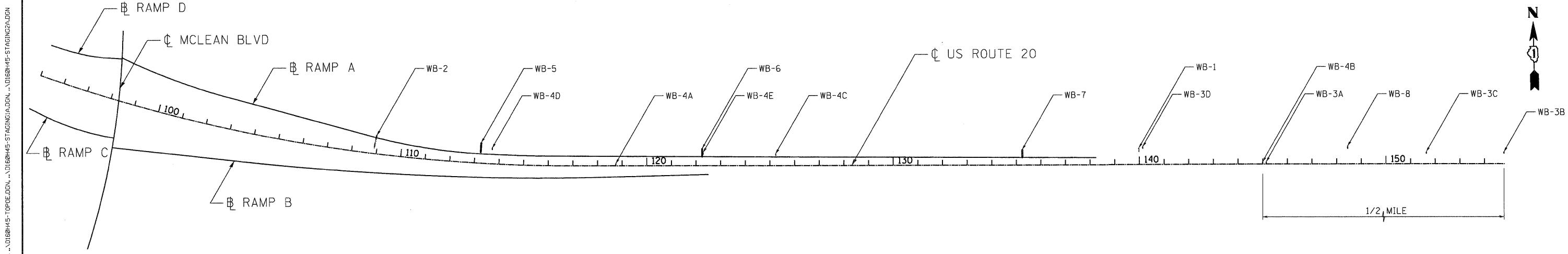
LEGEND

-  GROUND MOUNTED
-  OVERHEAD - CANTILEVER
-  EXISTING SIGN
-  TEMPORARY INFORMATION SIGNING
-  EXISTING OR RELOCATED TEMP INFO SIGNING
-  PROPOSED SIGN

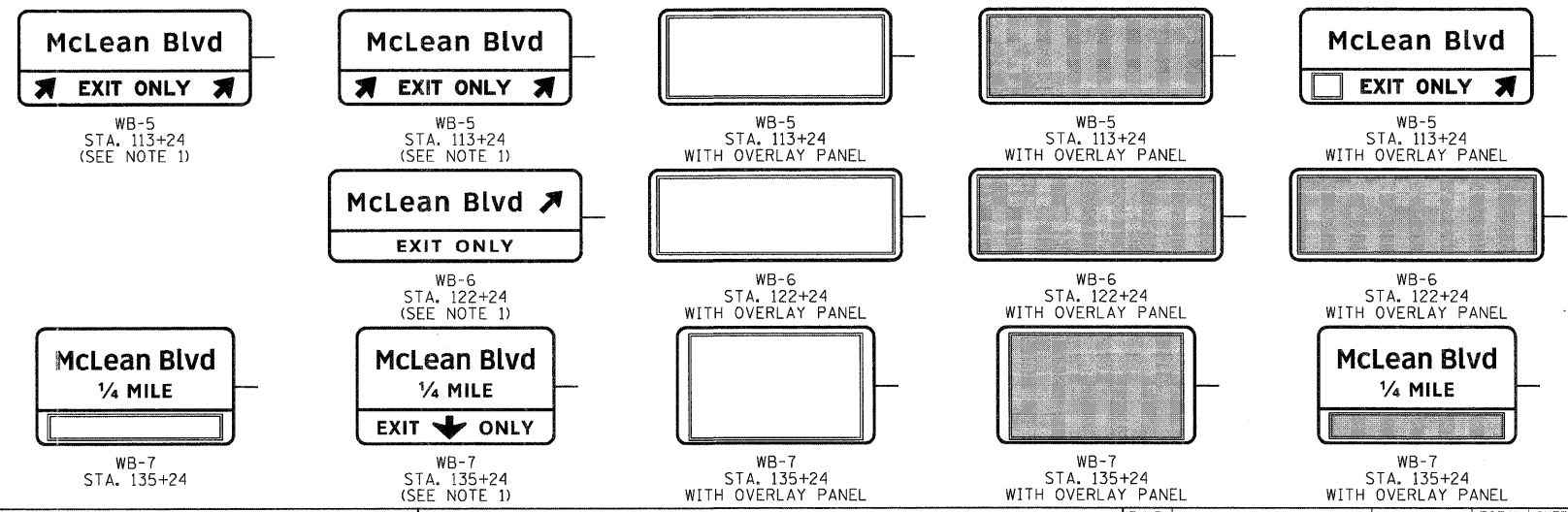
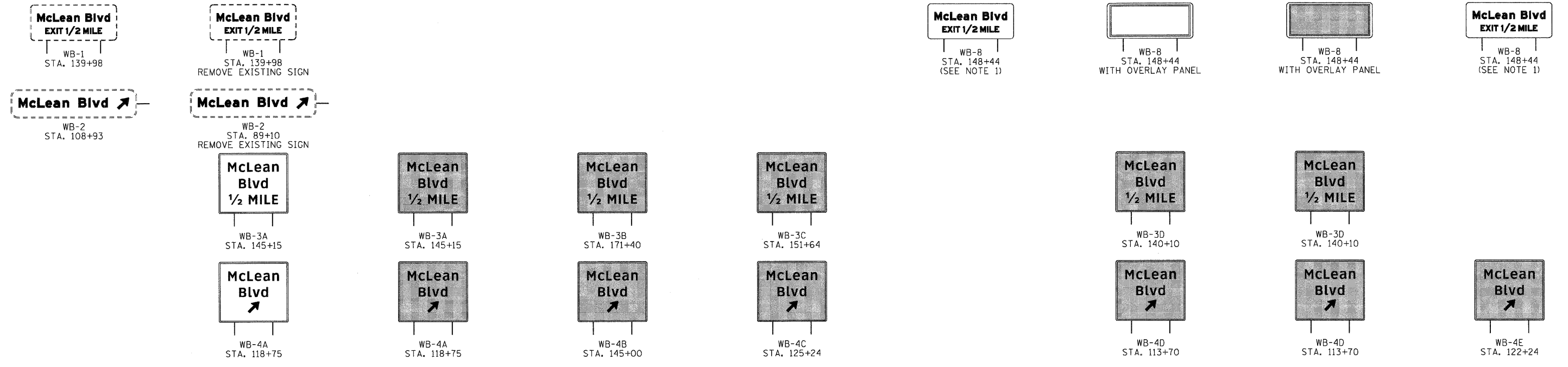
NOTES:  
1. SEE FINAL SIGNING PLANS AND SIGN STRUCTURE PLANS FOR DETAILS.

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - RJS	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20		<b>STAGING AND TRAFFIC CONTROL</b> <b>TEMPORARY SIGNING PLAN</b> U.S. ROUTE 20 - EB			F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 245
	<small>           TENG &amp; ASSOCIATES, INC.            ENGINEERS/ARCHITECTS/PLANNERS            CHICAGO, ILLINOIS         </small>	DRAWN - RJS	REVISED -	SCALE: N.T.S.		SHEET NO.	OF	STA. 54+00.00	TO STA. 105+00.00	CONTRACT NO. 60H45			
PLOT SCALE = #SCALE#		CHECKED - DDH	REVISED -	FED. ROAD DIST. NO.		[ILLINOIS] FED. AID PROJECT							
PLOT DATE = #DATE#		DATE - 12/16/11	REVISED -										

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WB - PRESTAGE 1A      WB - STAGE 1A      WB - STAGE 1B      WB - STAGE 1C      WB - STAGE 1D      WB - WINTER SHUTDOWN      WB - STAGE 2A      WB - STAGE 2B      WB - STAGE 3



**LEGEND**

- GROUND MOUNTED
- OVERHEAD - CANTILEVER
- EXISTING SIGN
- TEMPORARY INFORMATION SIGNING
- EXISTING OR RELOCATED TEMP INFO SIGNING
- PROPOSED SIGN







**NOTES:**  
 1. SEE FINAL SIGNING PLANS AND SIGN STRUCTURE PLANS FOR DETAILS.

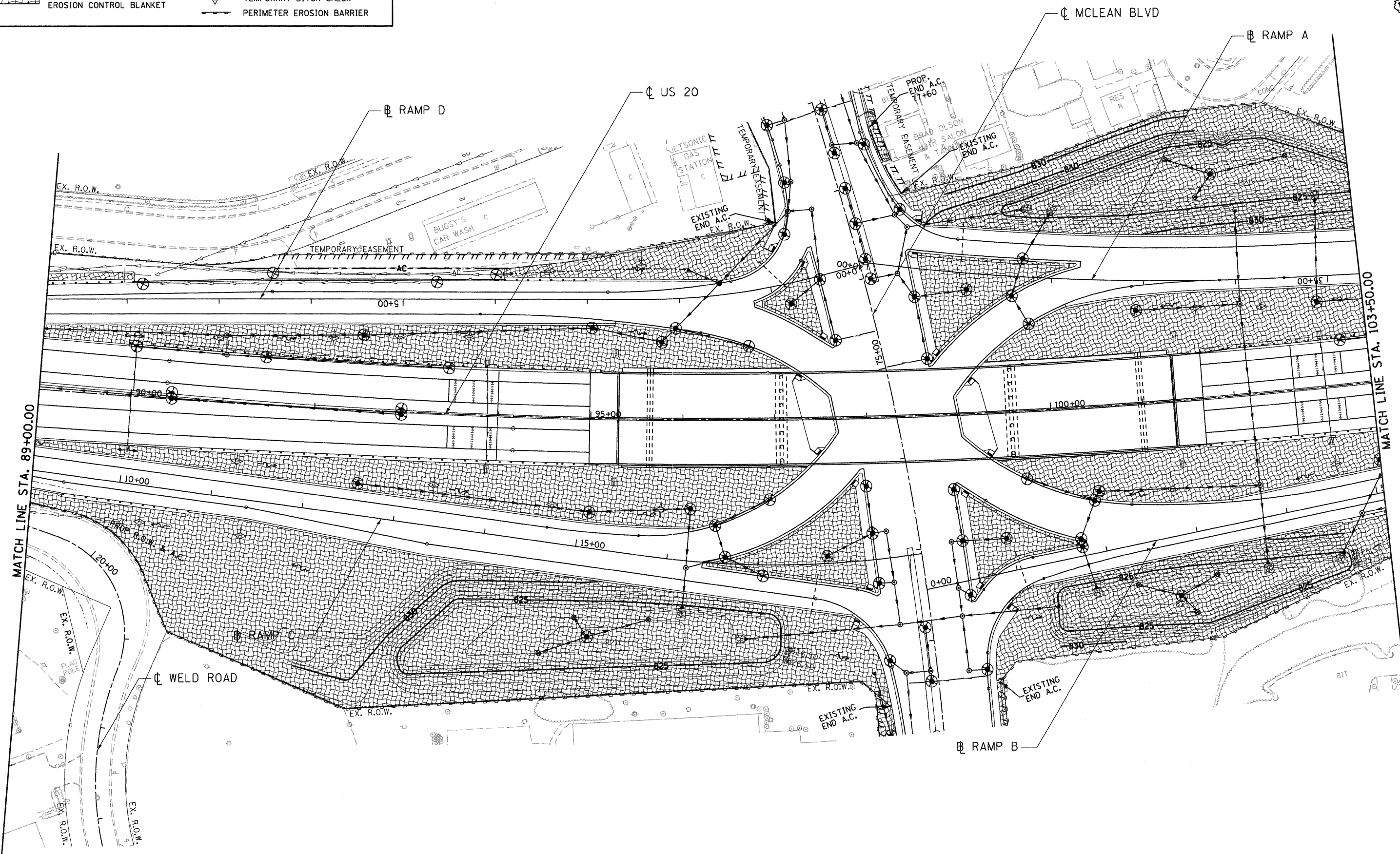






**EROSION CONTROL LEGEND**

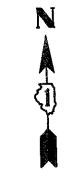
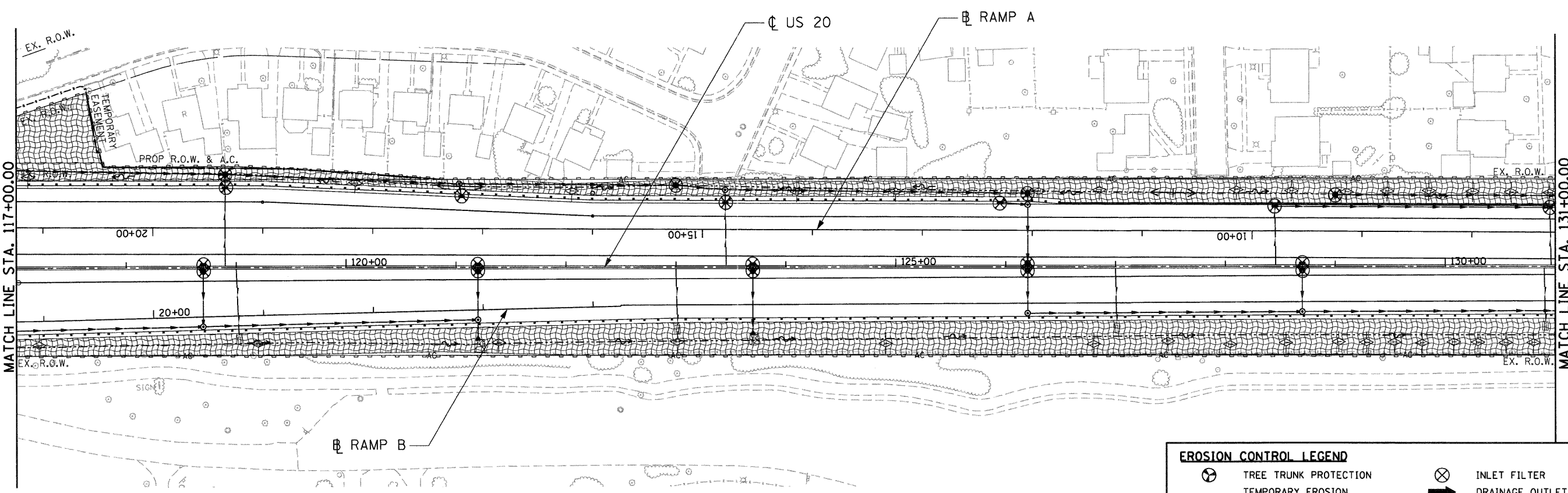
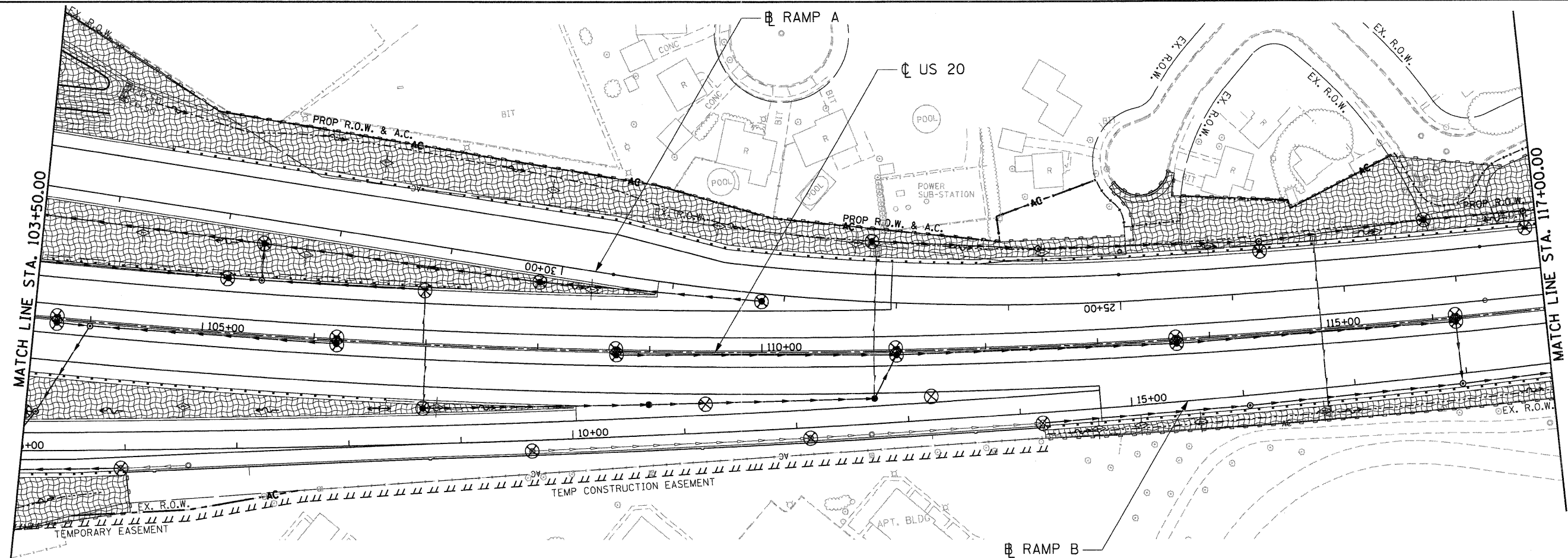
-  TREE TRUNK PROTECTION
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  INLET FILTER
-  DRAINAGE OUTLET
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER



\\D:\60645-60645-BURDER\1.DGN, \\D:\60645-60645-EROSION.DGN, \\D:\60645-60645-TOP.DGN, \\D:\60645-DESIGN.DGN, \\D:\60645-DRAIN.DGN, \\D:\60645-LEGEND.DGN  
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							FED. ROAD DIST. NO.		[ILLINOIS] FED. AID PROJECT				

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	TREE TRUNK PROTECTION		INLET FILTER
	TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET		DRAINAGE OUTLET
			TEMPORARY DITCH CHECK
			PERIMETER EROSION BARRIER

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DESIGNED - SLH	REVISED -
DRAWN - JFS	REVISED -
CHECKED - TKL	REVISED -
DATE - 12/16/11	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**EROSION CONTROL PLAN**  
**U.S. ROUTE 20**







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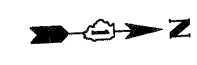
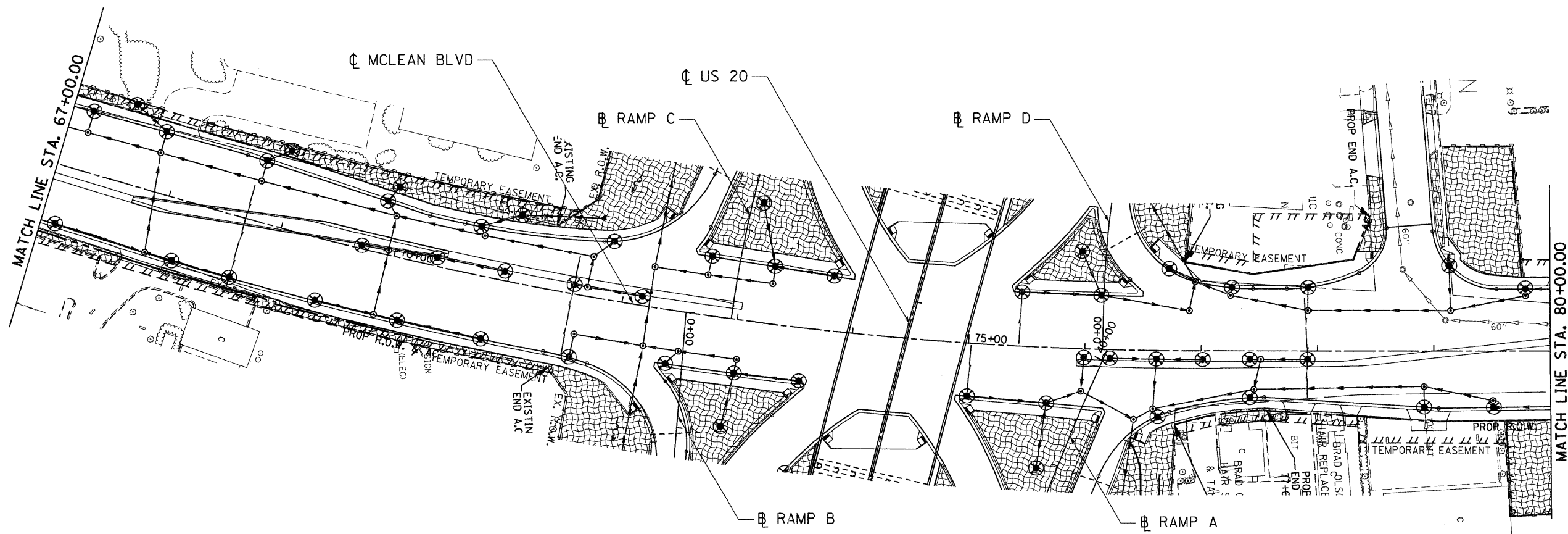
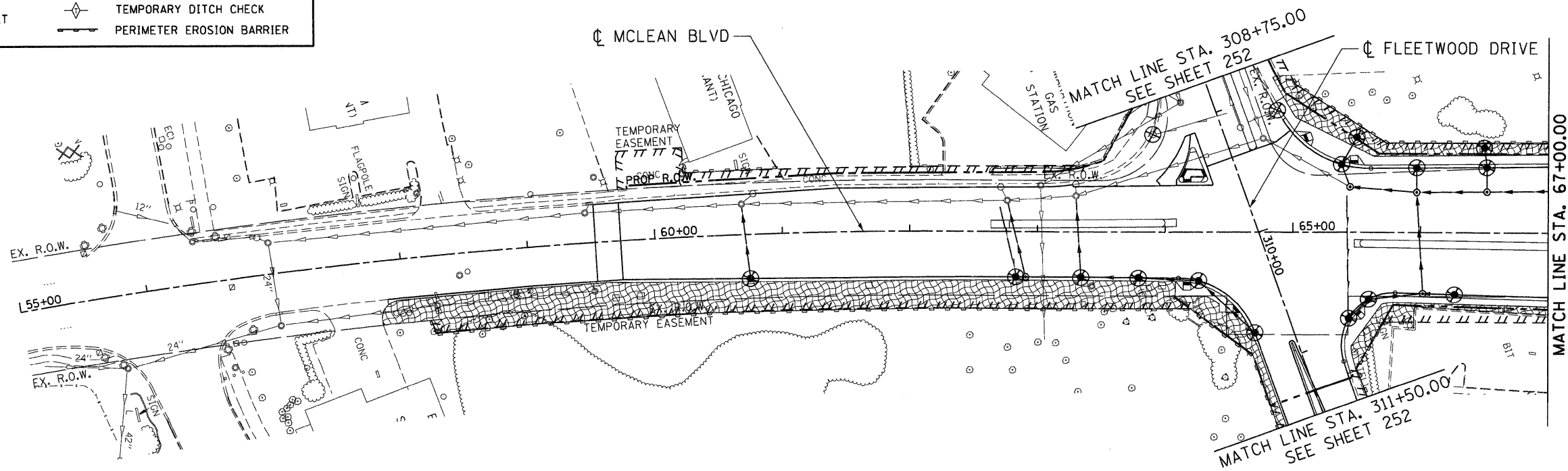
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345	BR-R	KANE	794	250
CONTRACT NO. 60H45				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				





**EROSION CONTROL LEGEND**

-  TREE TRUNK PROTECTION
-  TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET
-  INLET FILTER
-  DRAINAGE OUTLET
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
FAP ROUTE 345 / US ROUTE 20

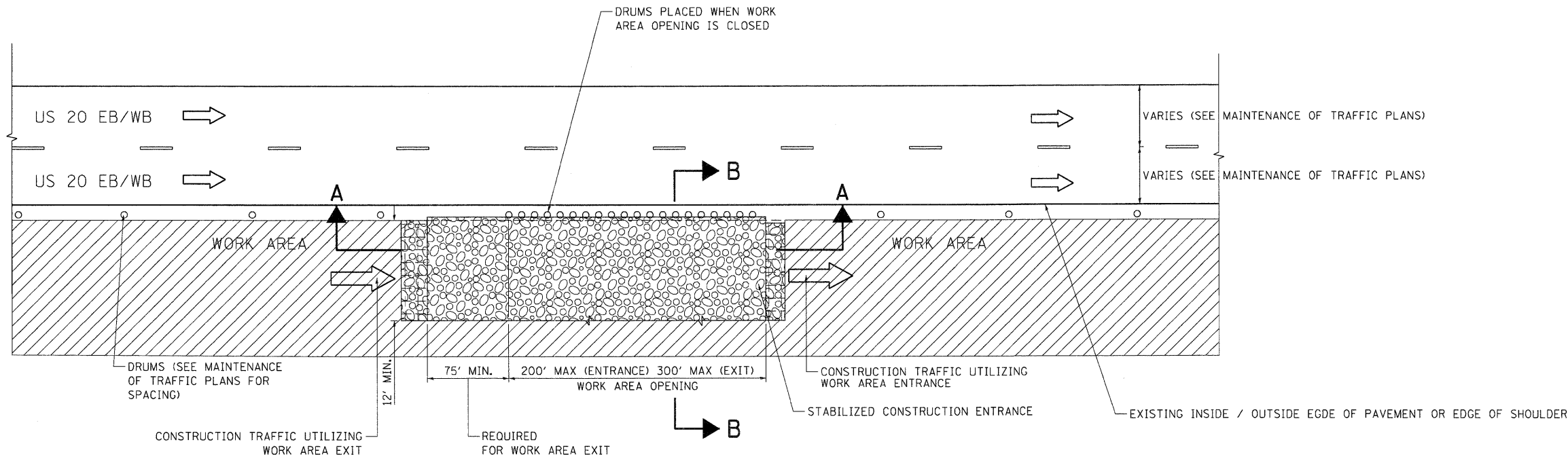
<b>EROSION CONTROL PLAN</b>	
<b>MCLEAN BOULEVARD</b>	
SCALE: 1"=50'	SHEET NO. OF SHEETS
	STA. 55+00.00 TO STA. 80+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60H45				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

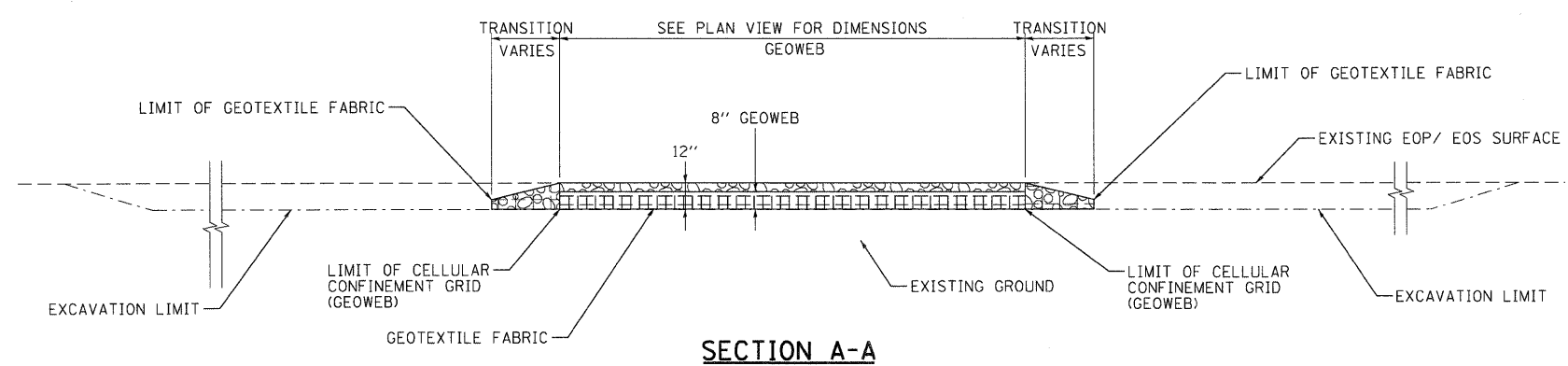
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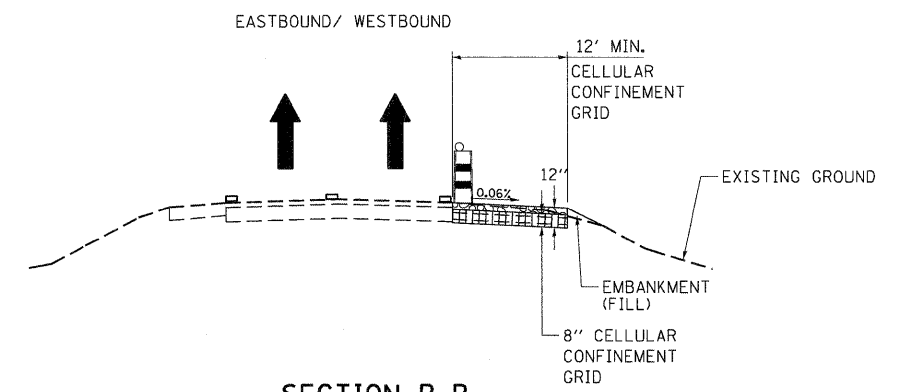




**HALF ROADWAY PLAN**  
(NOT TO SCALE)



**SECTION A-A**



**SECTION B-B**  
STABILIZED CONSTRUCTION ENTRANCE SHOWN ADJACENT TO EXISTING EOP

**LEGEND:**

- ← DIRECTION OF TRAFFIC
- DRUM W/ MONODIRECTIONAL STEADY BURN LIGHT
- ▨ WORK AREA
- ▨ (with aggregate pattern) STABILIZED CONSTRUCTION ENTRANCE
- ▨ (with aggregate pattern) COARSE AGGREGATE, CA-3

**NOTES:**

1. STABILIZED CONSTRUCTION ENTRANCES SHALL CONSIST OF CONSTRUCTING, MAINTAINING, REMOVING AND DISPOSING OF ALL ITEMS RELATED TO THE CONSTRUCTION OF THE ENTRANCES INCLUDING, BUT NOT LIMITED TO, COARSE AGGREGATE, CELLULAR CONFINEMENT GRID, GEOTEXTILE FABRIC, COARSE AGGREGATE USED FOR TRANSITION FROM THE CONSTRUCTION ROAD TO THE STABILIZED CONSTRUCTION ENTRANCE, ADDITIONAL EMBANKMENT (FILL) TO TIE INTO EXISTING GROUND, AND PIPE CULVERTS AND EARTHWORK NECESSARY TO MAINTAIN EXISTING DITCH DRAINAGE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
2. STABILIZED CONSTRUCTION ENTRANCE DIMENSIONS SHALL BE APPROVED BY THE ENGINEER.

\\\FS-004\A\VAULT\T.D. TRANS. 07.2202\21379-001\CIVIL\ROAD\60H45\SHEET\0160H45-SHF-EROSION.DGN  
 \\\FS-004\A\VAULT\T.D. TRANS. 07.2202\21379-001\CIVIL\ROAD\60H45\SHEET\0160H45-SHF-EROSION.DGN  
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		CHECKED - TKL	REVISED -							FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		
		DATE - 12/16/11	REVISED -									



**DRAINAGE NOTES**

1. THE STATION AND OFFSET OF ALL DRAINAGE STRUCTURES ARE SHOWN ON SHEET 283.
2. INVERT ELEVATIONS FOR EXISTING PIPES HAVE BEEN SHOWN ON THE PLANS WHEN SURVEY INFORMATION WAS AVAILABLE. THE CONTRACTOR SHALL VERIFY THE INVERT ELEVATIONS FOR EXISTING PIPES IN THE FIELD AT THE TIME OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

3. FOR INSTALLATION OF PROPOSED DRAINAGE STRUCTURES IN EXISTING SEWERS A PORTION OF THE EXISTING PIPE SHALL BE CUT AND REMOVED. THE PROPOSED STRUCTURE SHALL BE PROVIDED WITH ADEQUATELY SIZED OPENINGS SUCH THAT THE EXISTING PIPE MAY BE CONNECTED AT ITS EXISTING INVERT ELEVATION. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH FOR THE TYPE AND KIND OF DRAINAGE STRUCTURE TO BE INSTALLED.

4. FOR PROPOSED STORM SEWER OR PIPE CULVERT CONNECTIONS TO EXISTING PIPES, BOX CULVERTS, OR STRUCTURES, THE CONNECTION AND REMOVAL OF CONCRETE TO MAKE NECESSARY HOLES IN THE EXISTING PIPES, EXISTING BOX CULVERTS, OR EXISTING STRUCTURES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER FOOT FOR STORM SEWERS OR PIPE CULVERTS OF THE DIAMETER, TYPE, AND CLASS SPECIFIED, AND OF THE PARTICULAR KIND OF MATERIAL WHEN SPECIFIED.

5. TOP OF GRATE ELEVATIONS FOR EXISTING STRUCTURES TO BE ADJUSTED SHOWN ON THE PLANS WERE DETERMINED BY COMPUTER TERRAIN MODELING. THE RESIDENT ENGINEER MAY REVISE THE TOP OF GRATE ELEVATIONS AT THE TIME OF CONSTRUCTION BASED ON FIELD CONDITIONS.

6. THE REMOVAL OF EXISTING ENTRANCE CULVERTS, UNDERDRAINS, AND UNDERDRAIN HEADWALLS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CU. YD. FOR EARTH EXCAVATION.

7. STORM SEWER WATER MAIN IS TO BE USED AT LOCATIONS WHERE LATERAL SEPARATION BETWEEN THE SEWER AND WATER MAIN IS LESS THAN 10 FT (3.0 M) AND THE WATER MAIN INVERT IS LESS THAN 1.5 FT (0.45 M) ABOVE THE STORM SEWER CROWN.
8. STORM SEWER, RUBBER GASKET IS TO BE USED AT LOCATIONS WHERE THE WATER MAIN CROSSES BELOW THE SEWER, REGARDLESS OF VERTICAL SEPARATION OR WHERE THE BOTTOM OF THE WATER MAIN IS LESS THAN 1.5 FT (0.45 M) ABOVE THE TOP OF THE SEWER.
9. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.

10. THE CONTRACTOR SHALL PROVIDE POSITIVE TEMPORARY DRAINAGE UNTIL THE FINAL SURFACE IS PLACED. THE COST OF WORK REQUIRED TO PROVIDE POSITIVE TEMPORARY DRAINAGE SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED WORK, UNLESS OTHERWISE SPECIFIED. TEMPORARY DRAINAGE STRUCTURES AND PIPE WILL BE PAID FOR SEPARATELY.

11. ALL STORM SEWERS, PIPE CULVERTS, CATCH BASINS, MANHOLES, INLETS AND SIMILAR STRUCTURES NEWLY CONSTRUCTED, ADJUSTED, OR RECONSTRUCTED UNDER THE CONTRACT, SHALL BE CLEANED OF ANY ACCUMULATION OF SILT, DEBRIS, OR FOREIGN MATTER OF ANY KIND, AND SHALL BE FREE FROM SUCH ACCUMULATIONS AT THE TIME OF FINAL INSPECTION. THE COST OF ANY CLEANING REQUIRED TO COMPLY WITH THIS REQUIREMENT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE WORK.

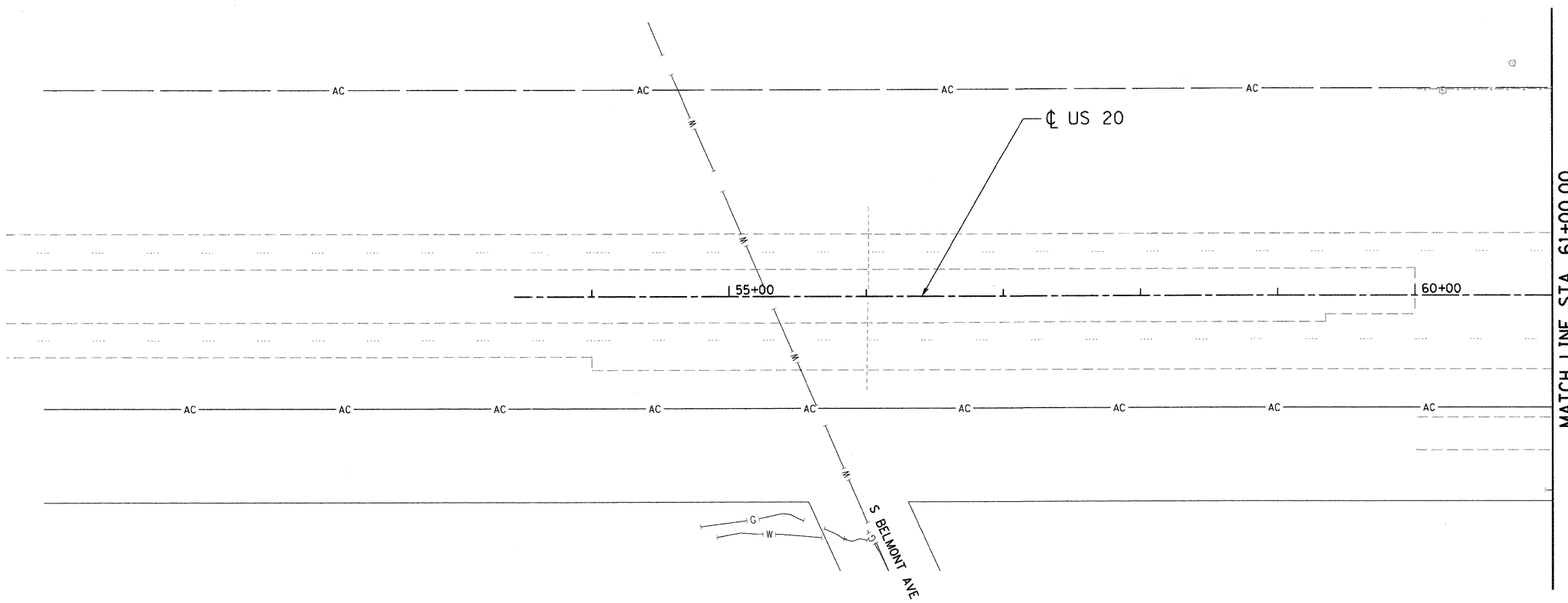
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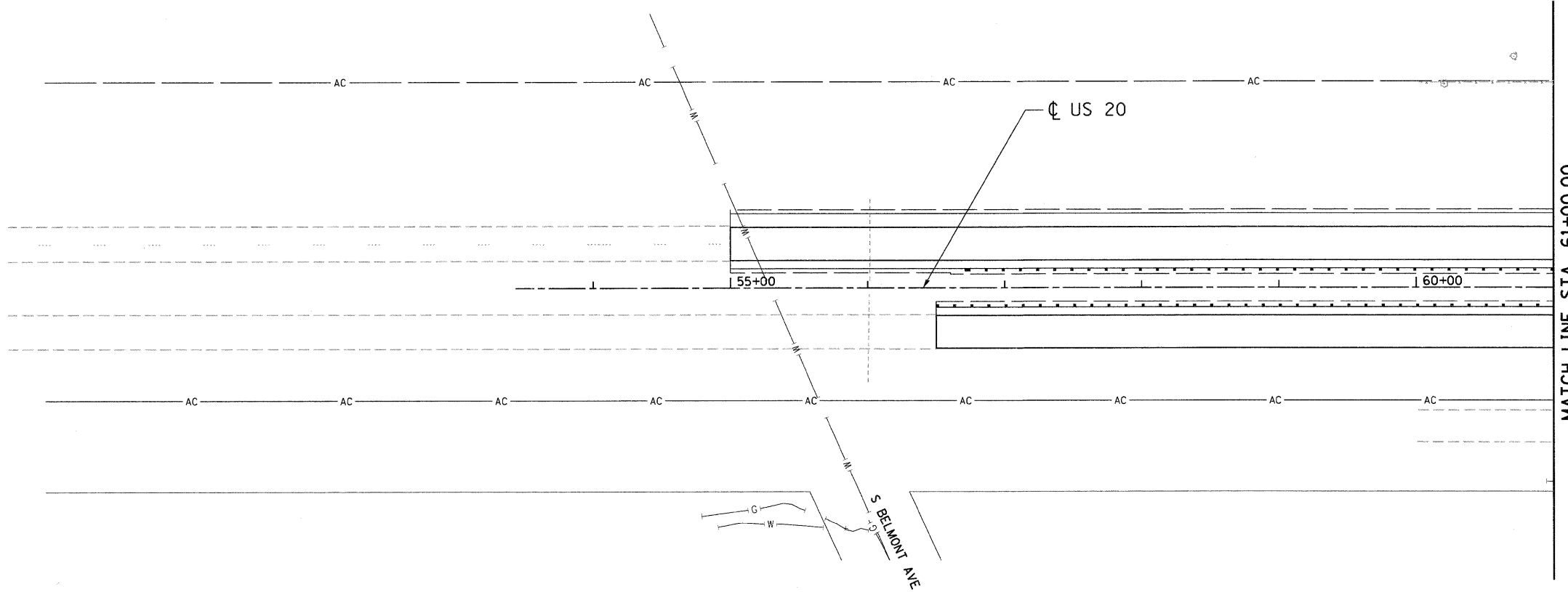
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- LEGEND**
- EX. INLET
  - EX. CATCH BASIN
  - ⊙ EX. MANHOLE
  - ⊗ EX. DRYWELL
  - ▽ EX. CULVERT END SECTION
  - ⊕ EX. FIRE HYDRANT
  - > EX. STORM SEWER
  - > EX. SANITARY SEWER
  - ▭ PAVED DITCH REMOVAL
  - ▭ PIPE REMOVAL
  - Ⓡ STRUCTURE TO BE REMOVED
  - Ⓜ STRUCTURE TO BE ADJUSTED
  - Ⓡ STRUCTURE TO BE RECONSTRUCTED



NOTE: NO PROPOSED DRAINAGE FEATURES THIS SHEET

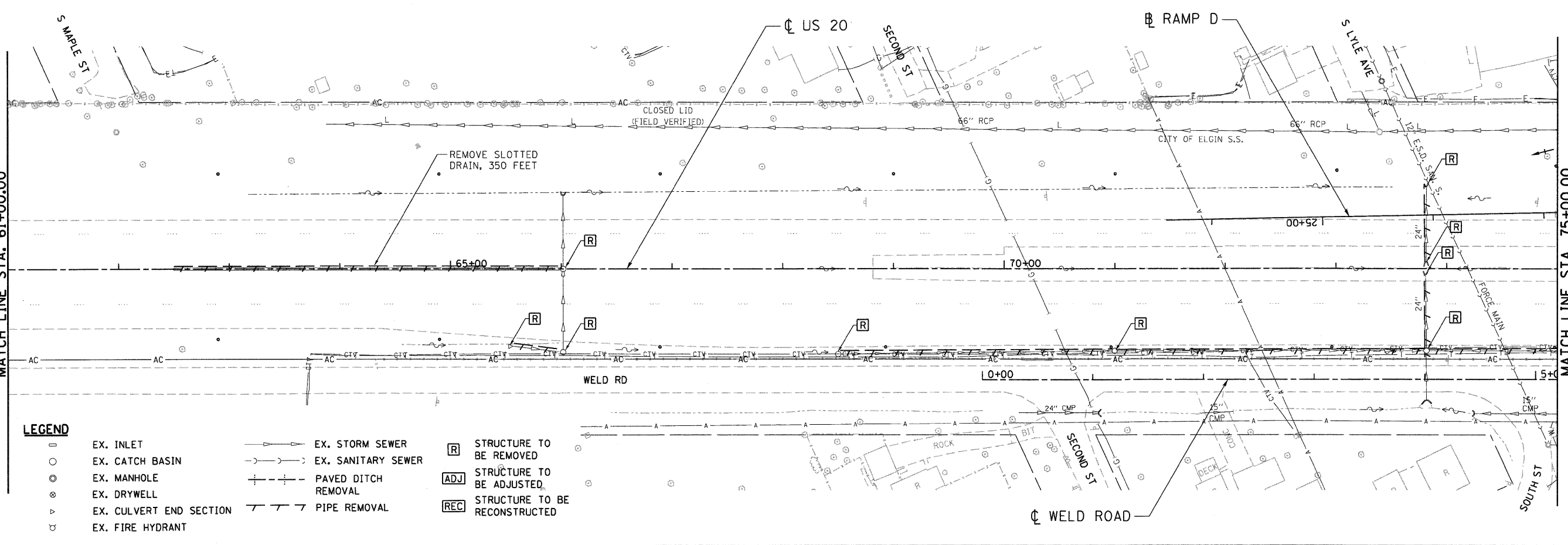
- LEGEND**
- ⊙ PR. MANHOLE
  - PR. CATCH BASIN
  - ▼ PR. CULVERT END SECTION
  - PR. INLET
  - ▭ PR. HEADWALL FOR PIPE DRAIN
  - ⊗ PR. DRYWELL
  - > PR. STORM SEWER
  - ▭ PR. CULVERT
  - ▭ PR. PIPE UNDERDRAIN
  - ~ PR. DITCH
  - PR. SWALE
  - ⊙ PR. PIPE
  - ⊙ PR. STRUCTURE
  - ▭ RIPRAP APRON



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DATE - 12/16/11		REVISED -																		

MATCH LINE STA. 61+00.00

MATCH LINE STA. 75+00.00

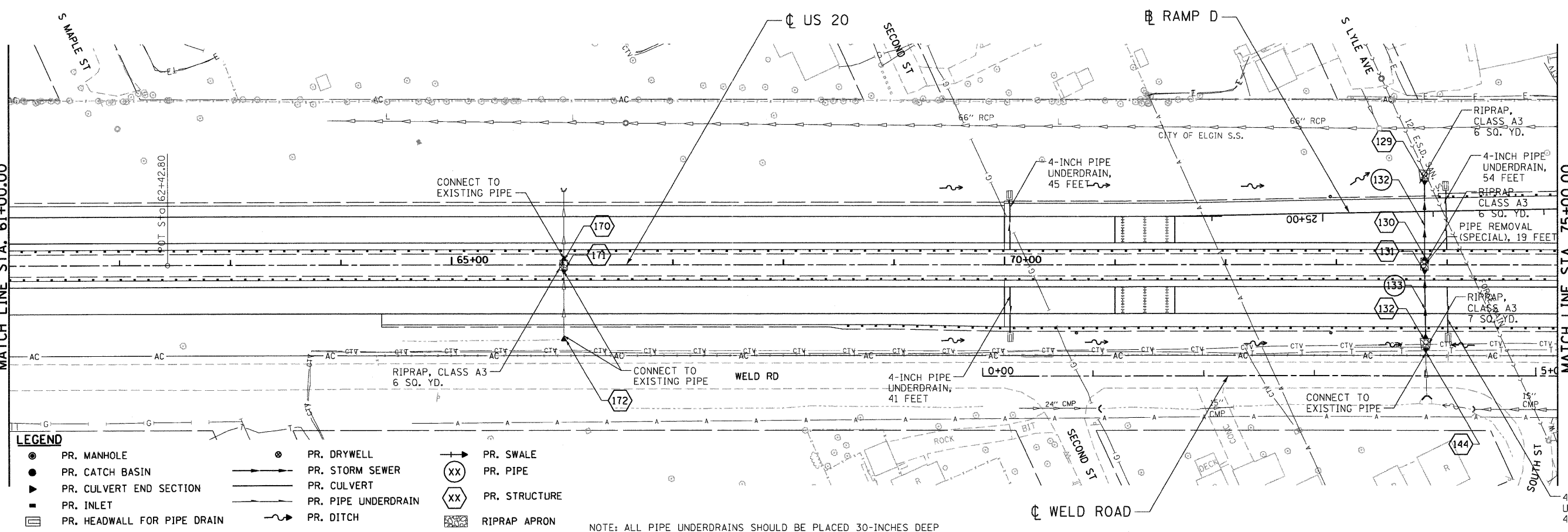


**LEGEND**

- EX. INLET
- EX. CATCH BASIN
- ⊙ EX. MANHOLE
- ⊙ EX. DRYWELL
- ▽ EX. CULVERT END SECTION
- ⊕ EX. FIRE HYDRANT
- EX. STORM SEWER
- EX. SANITARY SEWER
- PAVED DITCH REMOVAL
- PIPE REMOVAL
- [R] STRUCTURE TO BE REMOVED
- [ADJ] STRUCTURE TO BE ADJUSTED
- [REC] STRUCTURE TO BE RECONSTRUCTED

MATCH LINE STA. 61+00.00

MATCH LINE STA. 75+00.00



**LEGEND**

- ⊙ PR. MANHOLE
- PR. CATCH BASIN
- ▽ PR. CULVERT END SECTION
- PR. INLET
- PR. HEADWALL FOR PIPE DRAIN
- ⊙ PR. DRYWELL
- PR. STORM SEWER
- PR. CULVERT
- PR. PIPE UNDERDRAIN
- PR. DITCH
- PR. SWALE
- (XX) PR. PIPE
- (XX) PR. STRUCTURE
- ▒ RIPRAP APRON

NOTE: ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP

\DIBP45-B00001.DGN, \DIMASTER-ALIGNMT.DGN, \DIMASTER-SUE.DGN, \DIMASTER-UTIL.DGN, \DIMASTER-ROW00.DGN, \DIMASTER-DESIGN.DGN, \DIBP45-TOPO.DGN, \DIBP45-RAIN01.DGN, \DIBP45-SHT-DRAIN02.DGN  
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

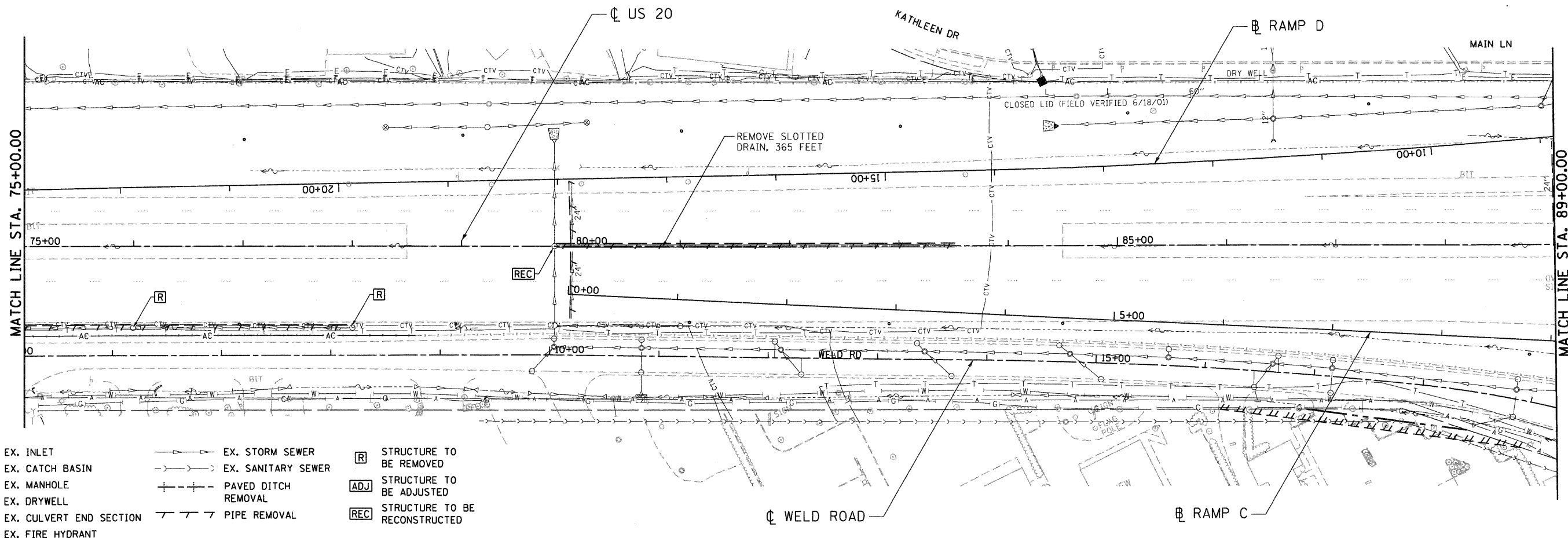
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**U.S. ROUTE 20**

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		DATE - 12/16/11	REVISED -

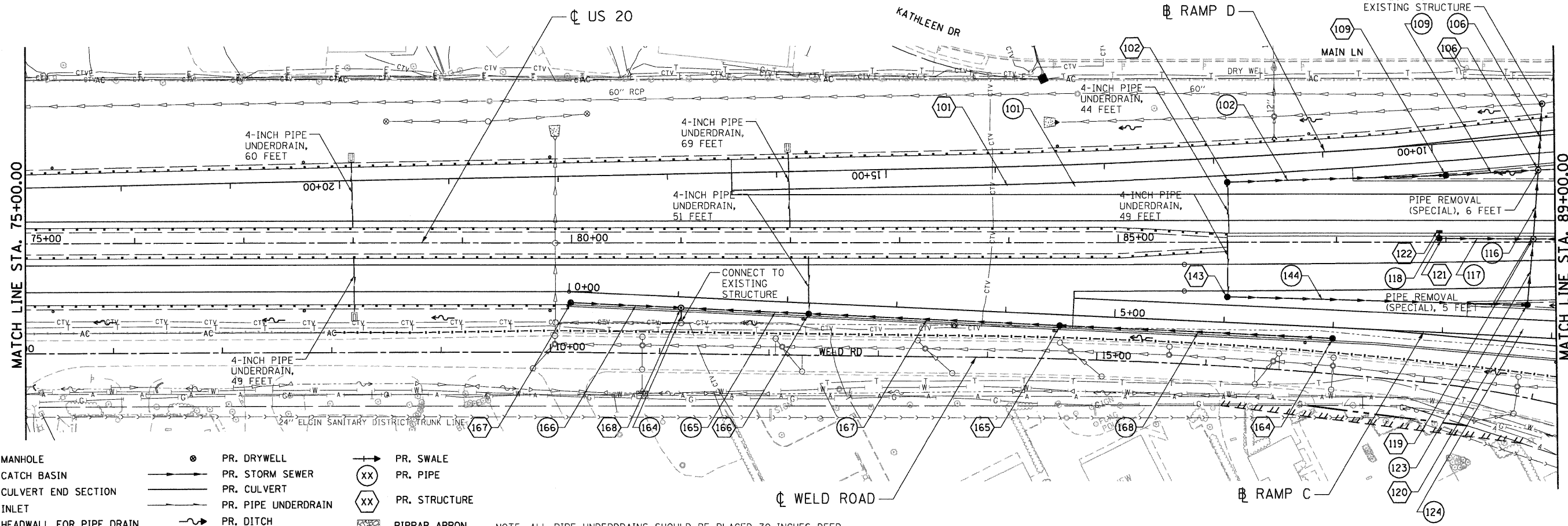
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F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 258
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60H45	

\\D:\68\45-BORDER\01.DWG, \\D:\68\45-LEGEN.DWG, \\D:\68\45-TOP.DWG, \\D:\68\45-DESIGN.DWG, \\D:\68\45-DRAIN\01.DWG, \\D:\68\45-DRAIN\02.DWG, \\D:\68\45-DRAIN\03.DWG, \\D:\68\45-DRAIN\04.DWG, \\D:\68\45-DRAIN\05.DWG, \\D:\68\45-DRAIN\06.DWG, \\D:\68\45-DRAIN\07.DWG, \\D:\68\45-DRAIN\08.DWG, \\D:\68\45-DRAIN\09.DWG, \\D:\68\45-DRAIN\10.DWG, \\D:\68\45-DRAIN\11.DWG, \\D:\68\45-DRAIN\12.DWG, \\D:\68\45-DRAIN\13.DWG, \\D:\68\45-DRAIN\14.DWG, \\D:\68\45-DRAIN\15.DWG, \\D:\68\45-DRAIN\16.DWG, \\D:\68\45-DRAIN\17.DWG, \\D:\68\45-DRAIN\18.DWG, \\D:\68\45-DRAIN\19.DWG, \\D:\68\45-DRAIN\20.DWG, \\D:\68\45-DRAIN\21.DWG, \\D:\68\45-DRAIN\22.DWG, \\D:\68\45-DRAIN\23.DWG, \\D:\68\45-DRAIN\24.DWG, \\D:\68\45-DRAIN\25.DWG, \\D:\68\45-DRAIN\26.DWG, \\D:\68\45-DRAIN\27.DWG, \\D:\68\45-DRAIN\28.DWG, \\D:\68\45-DRAIN\29.DWG, \\D:\68\45-DRAIN\30.DWG, \\D:\68\45-DRAIN\31.DWG, \\D:\68\45-DRAIN\32.DWG, \\D:\68\45-DRAIN\33.DWG, \\D:\68\45-DRAIN\34.DWG, \\D:\68\45-DRAIN\35.DWG, \\D:\68\45-DRAIN\36.DWG, \\D:\68\45-DRAIN\37.DWG, \\D:\68\45-DRAIN\38.DWG, \\D:\68\45-DRAIN\39.DWG, \\D:\68\45-DRAIN\40.DWG, \\D:\68\45-DRAIN\41.DWG, \\D:\68\45-DRAIN\42.DWG, \\D:\68\45-DRAIN\43.DWG, \\D:\68\45-DRAIN\44.DWG, \\D:\68\45-DRAIN\45.DWG, \\D:\68\45-DRAIN\46.DWG, \\D:\68\45-DRAIN\47.DWG, \\D:\68\45-DRAIN\48.DWG, \\D:\68\45-DRAIN\49.DWG, \\D:\68\45-DRAIN\50.DWG, \\D:\68\45-DRAIN\51.DWG, \\D:\68\45-DRAIN\52.DWG, \\D:\68\45-DRAIN\53.DWG, \\D:\68\45-DRAIN\54.DWG, \\D:\68\45-DRAIN\55.DWG, \\D:\68\45-DRAIN\56.DWG, \\D:\68\45-DRAIN\57.DWG, \\D:\68\45-DRAIN\58.DWG, \\D:\68\45-DRAIN\59.DWG, \\D:\68\45-DRAIN\60.DWG, \\D:\68\45-DRAIN\61.DWG, \\D:\68\45-DRAIN\62.DWG, \\D:\68\45-DRAIN\63.DWG, \\D:\68\45-DRAIN\64.DWG, \\D:\68\45-DRAIN\65.DWG, \\D:\68\45-DRAIN\66.DWG, \\D:\68\45-DRAIN\67.DWG, \\D:\68\45-DRAIN\68.DWG, \\D:\68\45-DRAIN\69.DWG, \\D:\68\45-DRAIN\70.DWG, \\D:\68\45-DRAIN\71.DWG, \\D:\68\45-DRAIN\72.DWG, \\D:\68\45-DRAIN\73.DWG, \\D:\68\45-DRAIN\74.DWG, \\D:\68\45-DRAIN\75.DWG, \\D:\68\45-DRAIN\76.DWG, \\D:\68\45-DRAIN\77.DWG, \\D:\68\45-DRAIN\78.DWG, \\D:\68\45-DRAIN\79.DWG, \\D:\68\45-DRAIN\80.DWG, \\D:\68\45-DRAIN\81.DWG, \\D:\68\45-DRAIN\82.DWG, \\D:\68\45-DRAIN\83.DWG, \\D:\68\45-DRAIN\84.DWG, \\D:\68\45-DRAIN\85.DWG, \\D:\68\45-DRAIN\86.DWG, \\D:\68\45-DRAIN\87.DWG, \\D:\68\45-DRAIN\88.DWG, \\D:\68\45-DRAIN\89.DWG, \\D:\68\45-DRAIN\90.DWG, \\D:\68\45-DRAIN\91.DWG, \\D:\68\45-DRAIN\92.DWG, \\D:\68\45-DRAIN\93.DWG, \\D:\68\45-DRAIN\94.DWG, \\D:\68\45-DRAIN\95.DWG, \\D:\68\45-DRAIN\96.DWG, \\D:\68\45-DRAIN\97.DWG, \\D:\68\45-DRAIN\98.DWG, \\D:\68\45-DRAIN\99.DWG, \\D:\68\45-DRAIN\100.DWG



- LEGEND**
- |   |                         |   |                     |   |                               |
|---|-------------------------|---|---------------------|---|-------------------------------|
| □ | EX. INLET               | — | EX. STORM SEWER     | □ | STRUCTURE TO BE REMOVED       |
| ○ | EX. CATCH BASIN         | — | EX. SANITARY SEWER  | □ | STRUCTURE TO BE ADJUSTED      |
| ⊙ | EX. MANHOLE             | — | PAVED DITCH REMOVAL | □ | STRUCTURE TO BE RECONSTRUCTED |
| ⊗ | EX. DRYWELL             | — | PIPE REMOVAL        |   |                               |
| ⊕ | EX. CULVERT END SECTION |   |                     |   |                               |
| ⊘ | EX. FIRE HYDRANT        |   |                     |   |                               |



- LEGEND**
- |   |                             |   |                     |   |               |
|---|-----------------------------|---|---------------------|---|---------------|
| ● | PR. MANHOLE                 | ⊙ | PR. DRYWELL         | → | PR. SWALE     |
| ● | PR. CATCH BASIN             | — | PR. STORM SEWER     | ⊘ | PR. PIPE      |
| ● | PR. CULVERT END SECTION     | — | PR. SANITARY SEWER  | ⊘ | PR. STRUCTURE |
| ■ | PR. INLET                   | — | PR. PIPE UNDERDRAIN | ⊘ | RIPRAP APRON  |
| ▬ | PR. HEADWALL FOR PIPE DRAIN | — | PR. DITCH           |   |               |

NOTE: ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**DRAINAGE PLAN**  
**U.S. ROUTE 20**

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

DESIGNED - SLH  
 DRAWN - JFS  
 CHECKED - TKL  
 DATE - 12/16/11

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

SCALE: 1"=50'  
 SHEET NO. OF SHEETS STA. 75+00.00 TO STA. 89+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	259
CONTRACT NO. 60H45				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



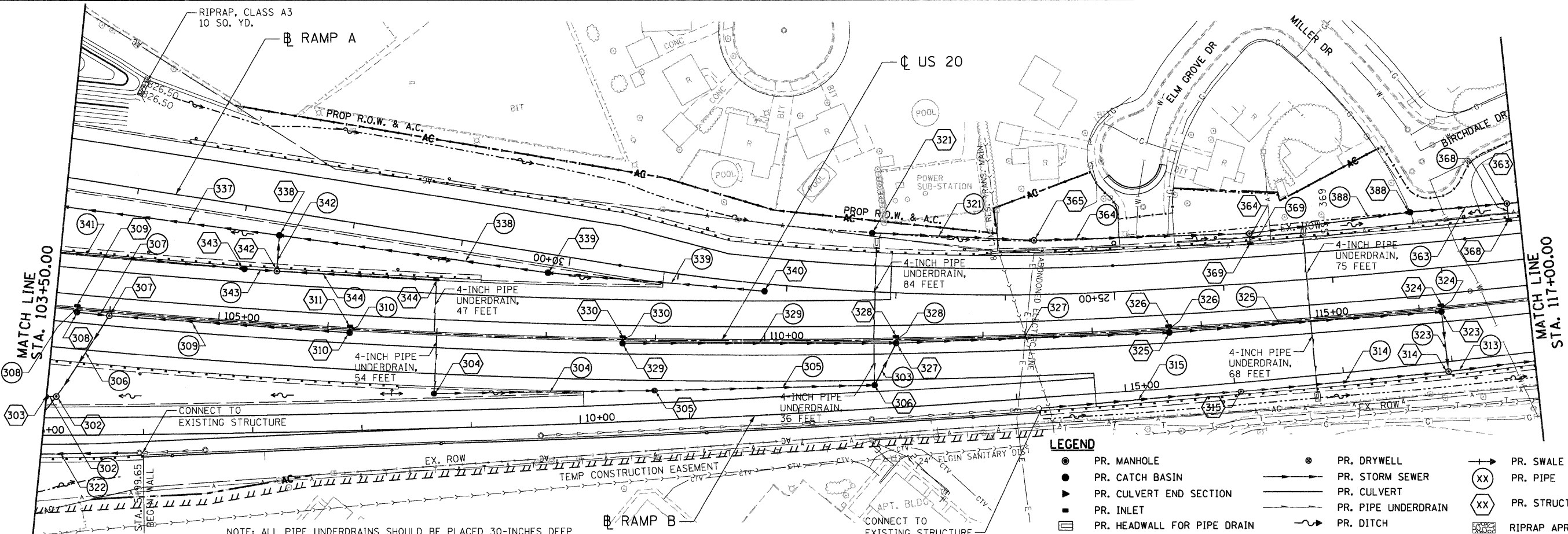
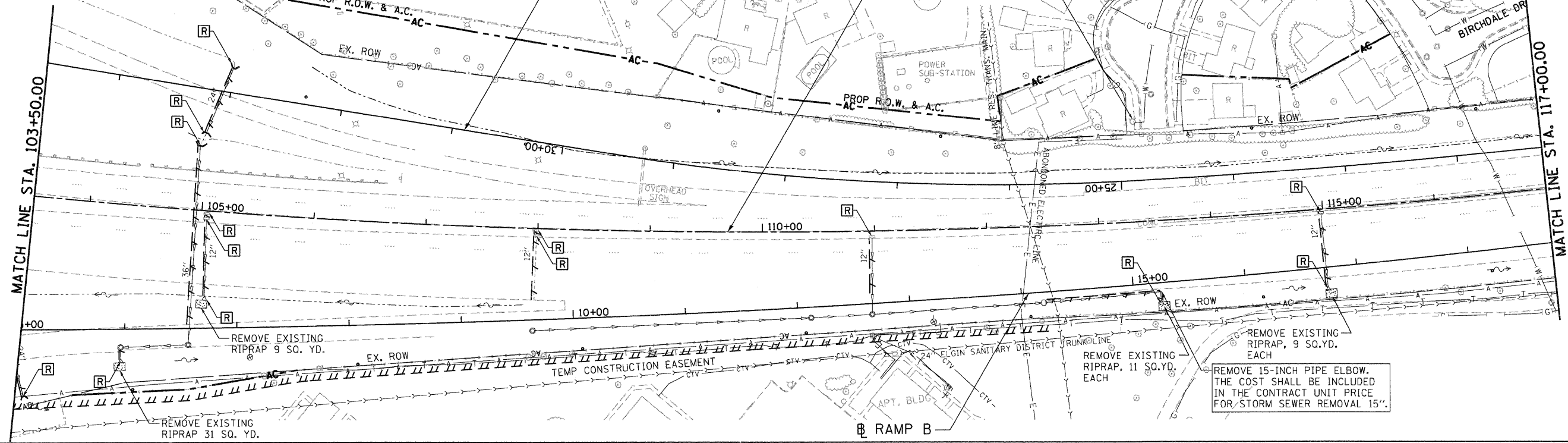




LEGEND

- EX. INLET
- EX. CATCH BASIN
- ⊙ EX. MANHOLE
- ⊙ EX. DRYWELL
- ◁ EX. CULVERT END SECTION
- ⊙ EX. FIRE HYDRANT
- EX. STORM SEWER
- EX. SANITARY SEWER
- +— PAVED DITCH REMOVAL
- +— PIPE REMOVAL
- [R] STRUCTURE TO BE REMOVED
- [ADJ] STRUCTURE TO BE ADJUSTED
- [REC] STRUCTURE TO BE RECONSTRUCTED

FIRE HYDRANT TO BE RELOCATED. COORDINATE NEW LOCATION WITH THE CITY OF ELGIN.



- LEGEND
- ⊙ PR. MANHOLE
  - PR. CATCH BASIN
  - ▷ PR. CULVERT END SECTION
  - PR. INLET
  - ▭ PR. HEADWALL FOR PIPE DRAIN
  - ⊙ PR. DRYWELL
  - PR. STORM SEWER
  - PR. SANITARY SEWER
  - PR. PIPE UNDERDRAIN
  - PR. DITCH
  - (XX) PR. PIPE
  - (XX) PR. STRUCTURE
  - [Hatched] RIPRAP APRON

NOTE: ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP

FILE NAME = #FILE#  
 USER NAME = #USER#  
 DESIGNED - SLH  
 DRAWN - JFS  
 CHECKED - TKL  
 DATE - 12/16/11

PLOT SCALE = #SCALE#  
 PLOT DATE = #DATE#

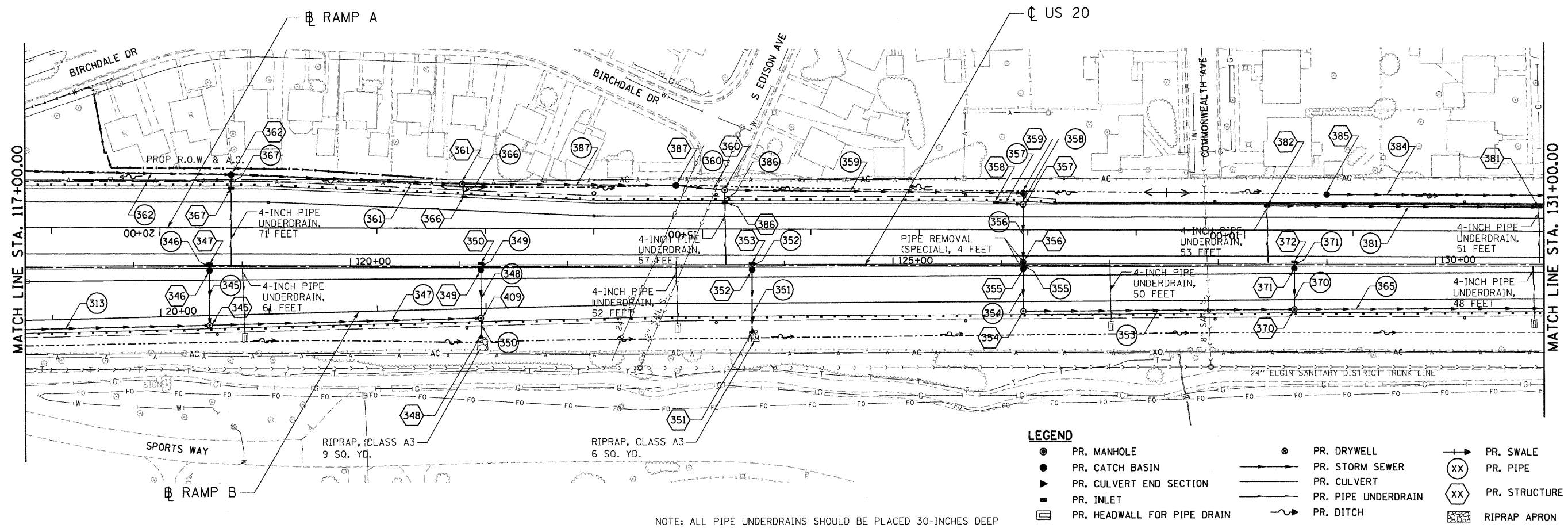
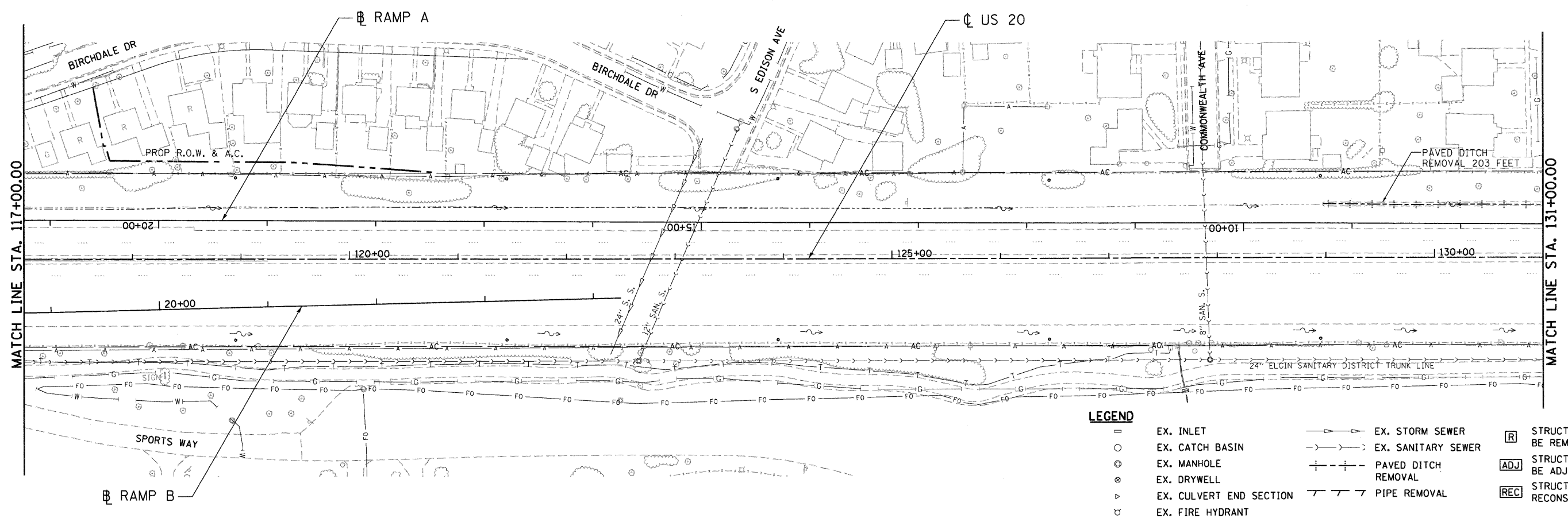
REVISÉD -  
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 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAP ROUTE 345 / US ROUTE 20

SCALE: 1"=50'  
 SHEET NO. OF SHEETS STA. 103+50.00 TO STA. 117+00.00

DRAINAGE PLAN  
 U.S. ROUTE 20  
 F.A.P. RTE. 345 SECTION 8R-R COUNTY KANE TOTAL SHEETS 794 SHEET NO. 262 CONTRACT NO. 60H45

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



NOTE: ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

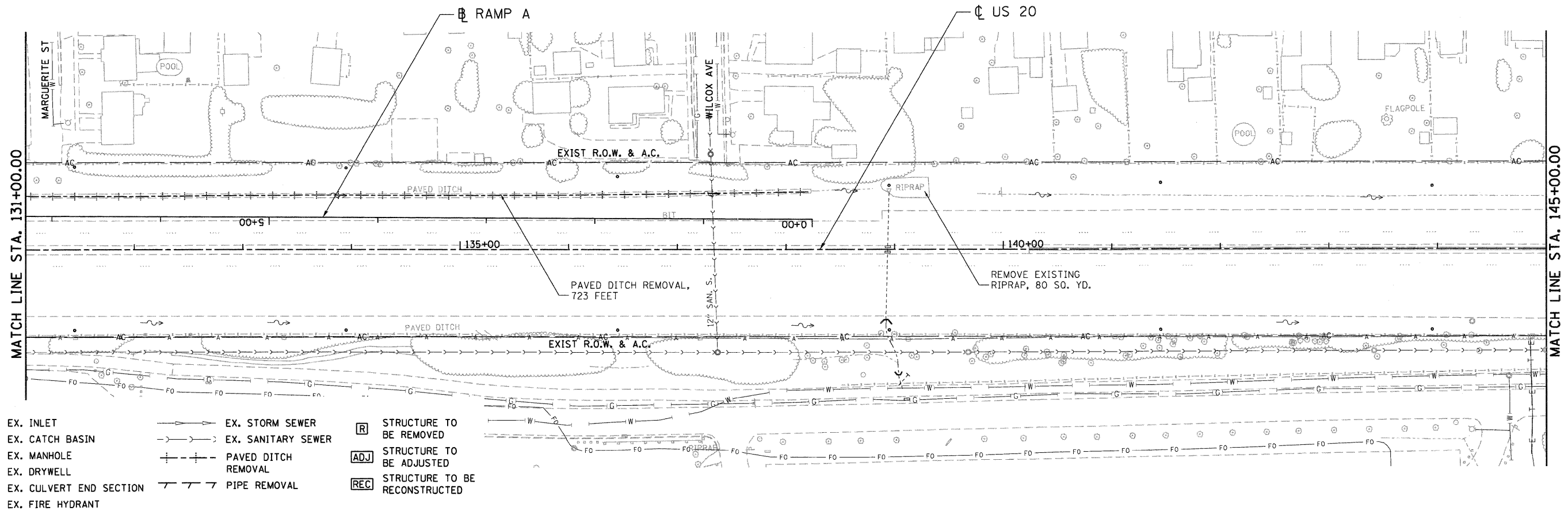
**DRAINAGE PLAN**  
**U.S. ROUTE 20**

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TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = #SCALE#	DRAWN - JFS	REVISED -
	PLOT DATE = #DATE#	CHECKED - TKL	REVISED -
		DATE - 12/16/11	REVISED -

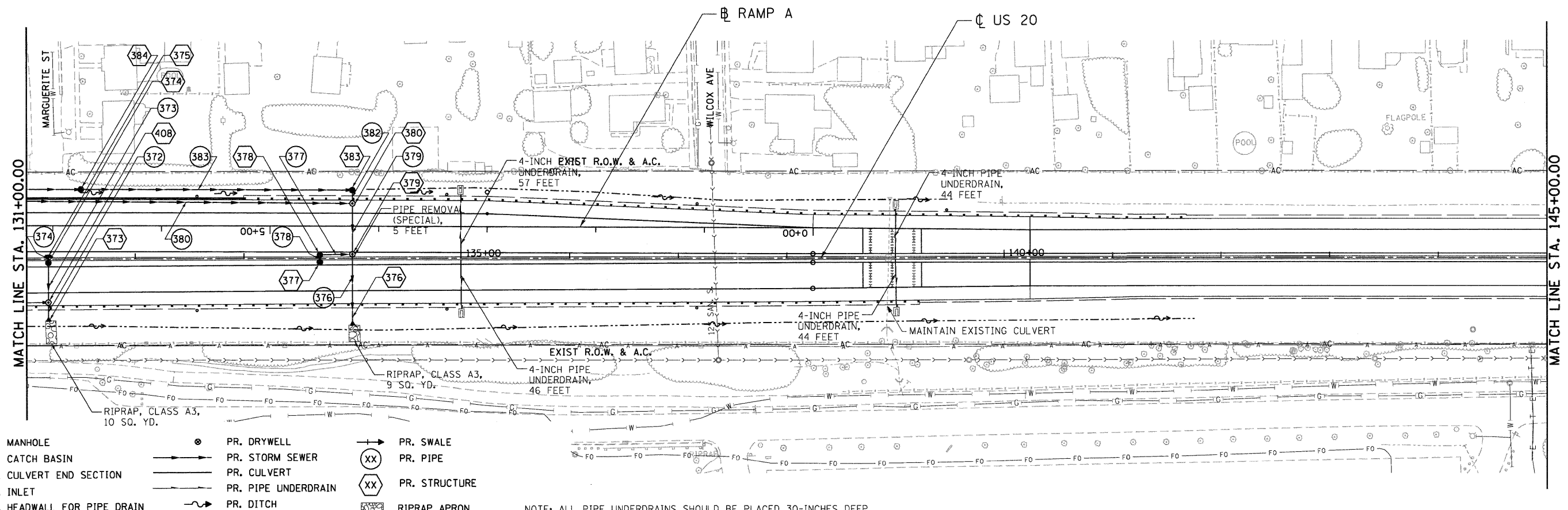
SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 117+00.00 TO STA. 131+00.00
F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE
		TOTAL SHEETS 794
		SHEET NO. 263
CONTRACT NO. 60H45		

\D:\60H45-BORDER\1.DGN, \D:\60H45-LEGN\01.DGN, \D:\60H45-ORANGE\01.DGN, \D:\60H45-TOPOG.DGN, \D:\60H45-DESIGN\01.DGN, \D:\60H45-ALIGN\01.DGN, \D:\60H45-DRAIN\01.DGN, \D:\60H45-SHT\01.DGN, \D:\60H45-BORDER\01.DGN, \D:\60H45-LEGN\02.DGN, \D:\60H45-ORANGE\02.DGN, \D:\60H45-TOPOG.DGN, \D:\60H45-DESIGN\02.DGN, \D:\60H45-ALIGN\02.DGN, \D:\60H45-DRAIN\02.DGN, \D:\60H45-SHT\02.DGN

\D:\68845-BORDER\01.DGN, \D:\68845-LEGEND.DGN, \D:\68845-MASTER-SUE.DGN, \D:\68845-TOPOE.DGN, \D:\68845-DESIGN.DGN, \D:\68845-DRAIN\01.DGN, \D:\68845-RAMP\01.DGN, \D:\68845-SHT-DRAIN\01.DGN, \D:\68845-RAMP\01.DGN, \D:\68845-SHT-DRAIN\01.DGN, \D:\68845-RAMP\01.DGN, \D:\68845-SHT-DRAIN\01.DGN, \D:\68845-RAMP\01.DGN, \D:\68845-SHT-DRAIN\01.DGN



- LEGEND**
- |   |                         |           |                     |       |                               |
|---|-------------------------|-----------|---------------------|-------|-------------------------------|
| ○ | EX. INLET               | ——→       | EX. STORM SEWER     | [R]   | STRUCTURE TO BE REMOVED       |
| ◉ | EX. CATCH BASIN         | ——→       | EX. SANITARY SEWER  | [ADJ] | STRUCTURE TO BE ADJUSTED      |
| ⊗ | EX. MANHOLE             | - - - - - | PAVED DITCH REMOVAL | [REC] | STRUCTURE TO BE RECONSTRUCTED |
| ⊕ | EX. DRYWELL             | ——/——     | PIPE REMOVAL        |       |                               |
| ▼ | EX. CULVERT END SECTION |           |                     |       |                               |
| ⊕ | EX. FIRE HYDRANT        |           |                     |       |                               |



- LEGEND**
- |   |                             |       |                     |       |             |      |               |
|---|-----------------------------|-------|---------------------|-------|-------------|------|---------------|
| ◉ | PR. MANHOLE                 | ⊕     | PR. DRYWELL         | ——→   | PR. SWALE   | [XX] | PR. PIPE      |
| ◉ | PR. CATCH BASIN             | ——→   | PR. STORM SEWER     | ——→   | PR. CULVERT | [XX] | PR. STRUCTURE |
| ▼ | PR. CULVERT END SECTION     | ——/—— | PR. PIPE UNDERDRAIN | ——/—— | PR. DITCH   | [XX] | PR. STRUCTURE |
| ■ | PR. INLET                   |       |                     |       |             |      |               |
| ▭ | PR. HEADWALL FOR PIPE DRAIN |       |                     |       |             |      |               |

NOTE: ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP

FILE NAME =  
USER NAME = #USER#  
PLOT SCALE = #SCALE#  
PLOT DATE = #DATE#

DESIGNED - SLH  
DRAWN - JFS  
CHECKED - TKL  
DATE - 12/16/11

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
FAP ROUTE 345 / US ROUTE 20**

**DRAINAGE PLAN  
U.S. ROUTE 20**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 131+00.00 TO STA. 145+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	264
CONTRACT NO. 60H45				

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

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

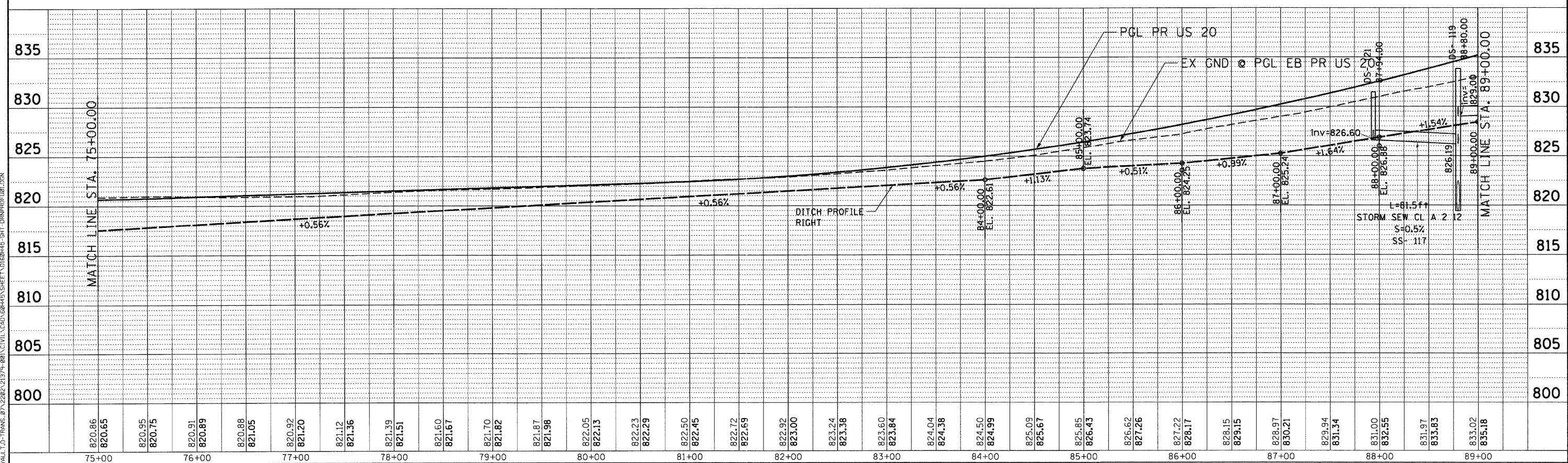
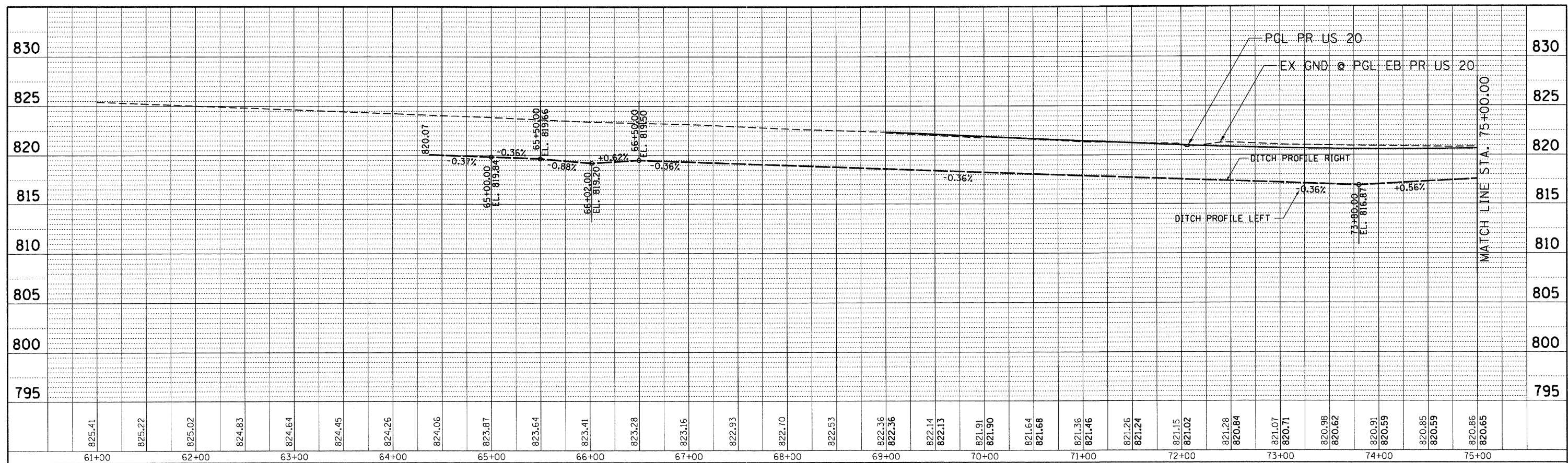




PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	RT. OF WAY CHECKED		
	NO.		
	STRUCTURE NOTATIONS CHD		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	RT. OF WAY CHECKED		
	NO.		
	STRUCTURE NOTATIONS CHD		
	CADD FILE NAME		

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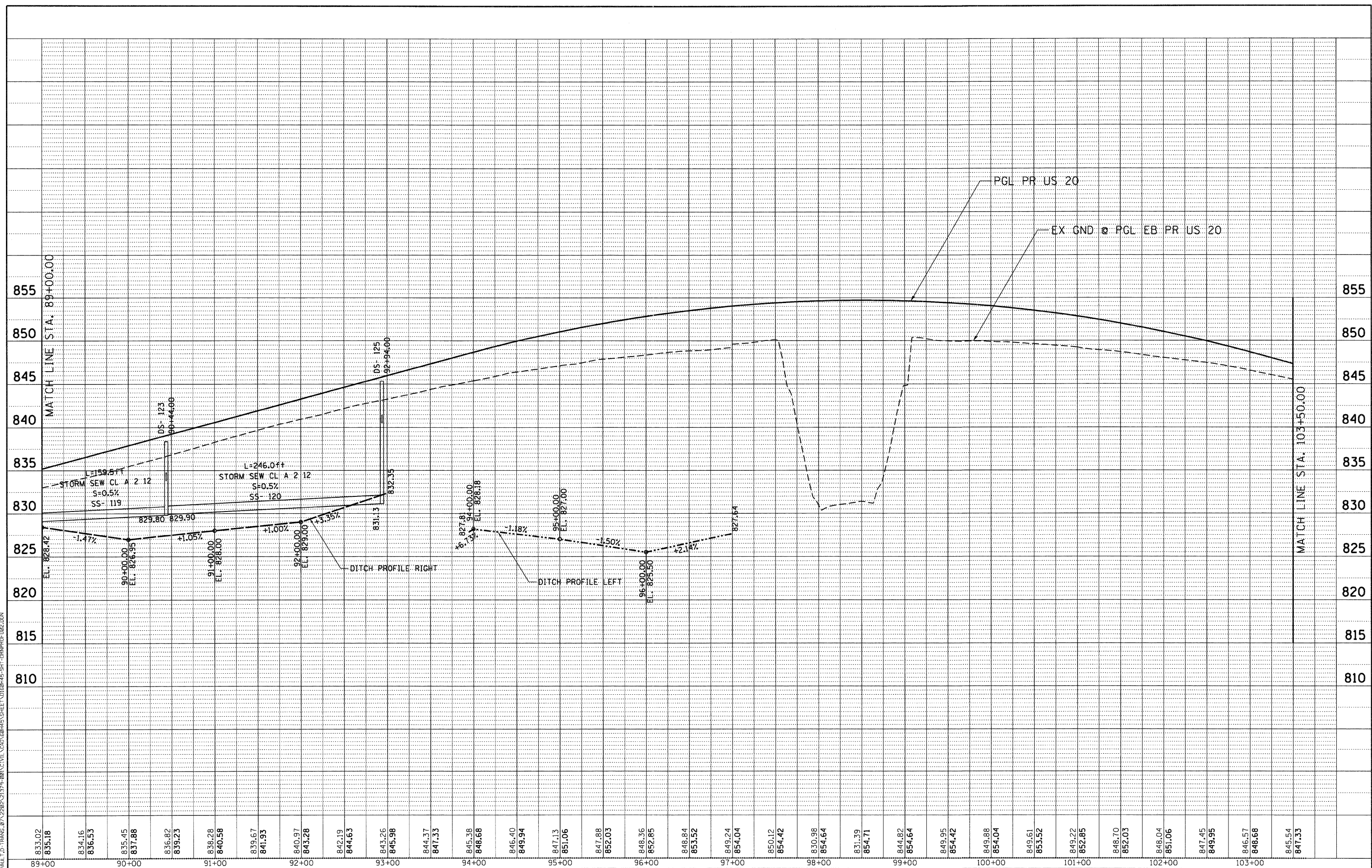


FILE NAME =	USER NAME = *USER*	DESIGNED - SLH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20				DRAINAGE PROFILE U.S. ROUTE 20		F.A.P. RTE. 345	SECTION BR-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 266
*FILE#*	PLOT SCALE = *SCALE*	DRAWN - JFS	REVISED -					SCALE: HORIZ. 1"=50'	VERT. 1"=5'	STA. 61+00.00 TO STA. 89+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60H45	
TENG		TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		CHECKED - TKL	REVISED -	DATE - 12/16/11	REVISED -							

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	REVIEWED		
	REVISIONS		
	NO. OF WAYS CHECKED		
	CAUD FILE NAME		

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

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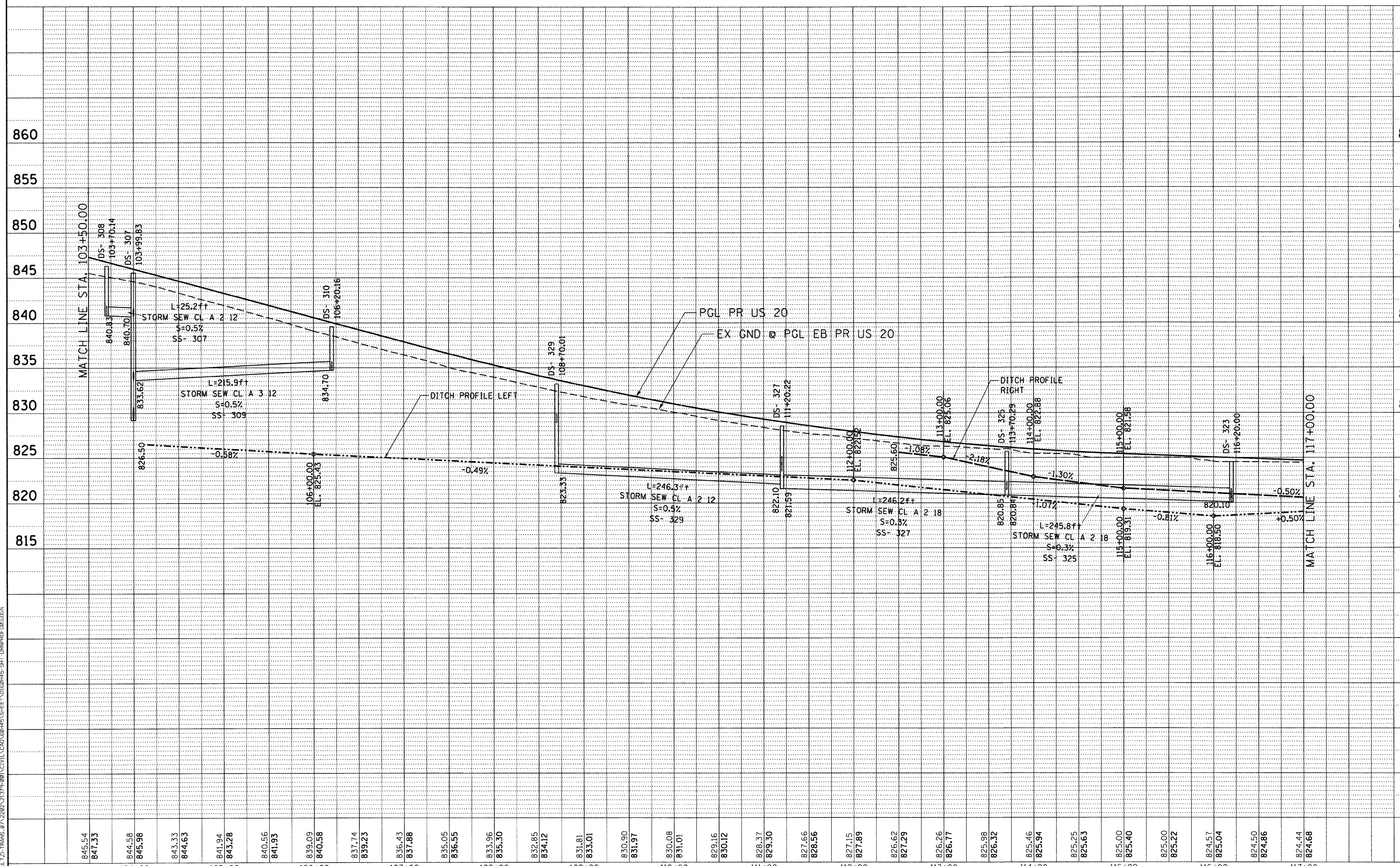


FILE NAME =	USER NAME = *USER*	DESIGNED - SLH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20	<b>DRAINAGE PROFILE</b> <b>U.S. ROUTE 20</b>	F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 267	
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	PLOT DATE = *DATE*	CHECKED - TKL	REVISED -			SCALE: HORIZ. 1"=50'    VERT. 1"=5'					
		DATE - 12/16/11	REVISED -			STA. 89+00.00    TO STA. 103+50.00    FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO.		
	NO.		
	NO.		
	NO.		
	NO.		
	NO.		

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

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FILE NAME =	USER NAME = #USER#	DESIGNED - SLH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20		DRAINAGE PROFILE		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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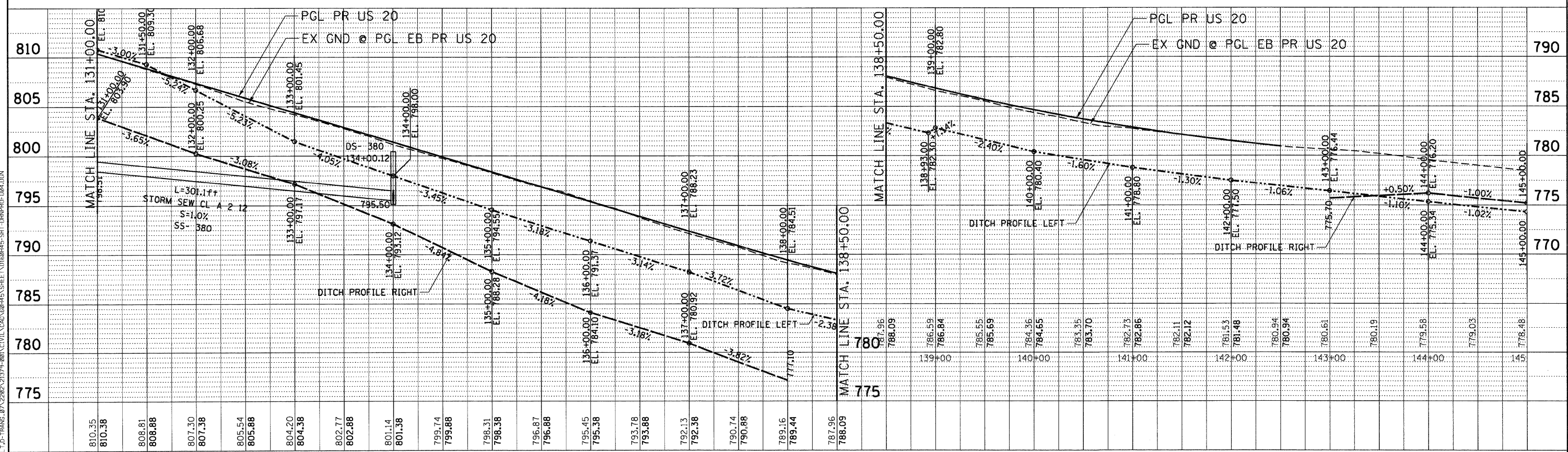
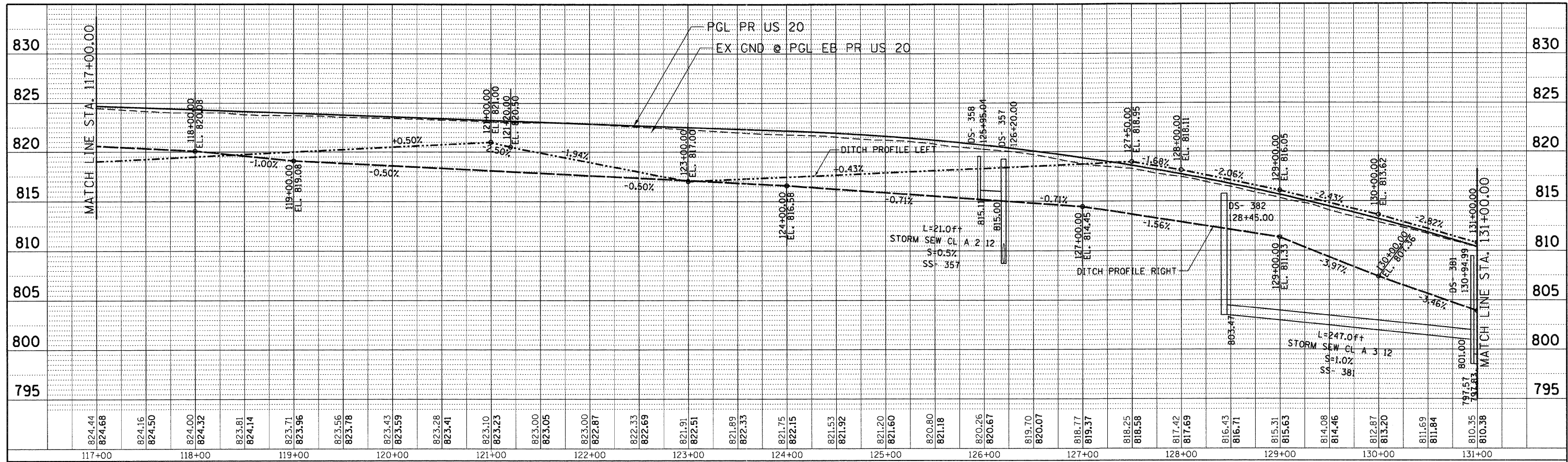


TENGL & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NO. OF WAY CHECKED		
	CADD FILE NAME		

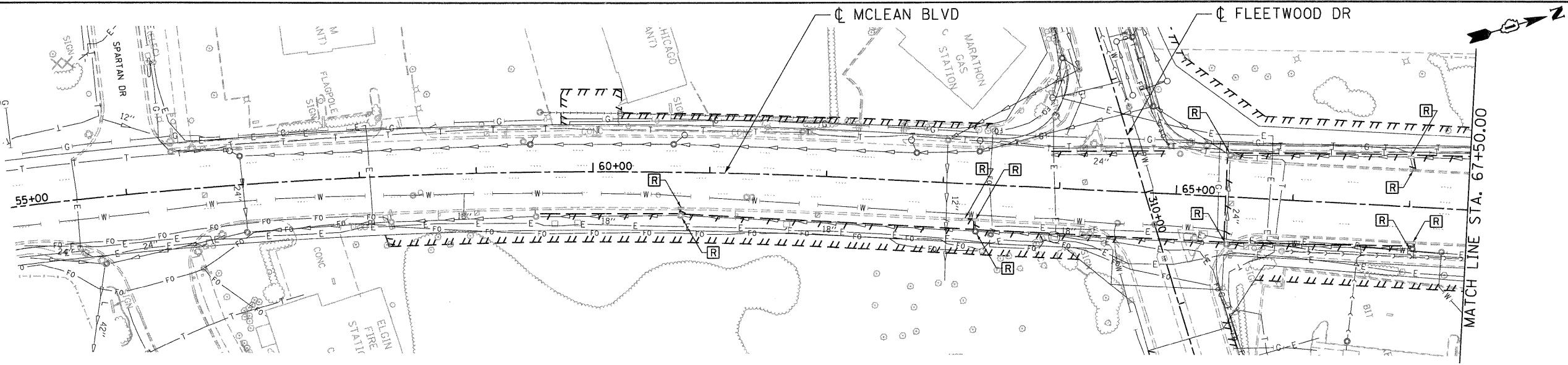
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	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
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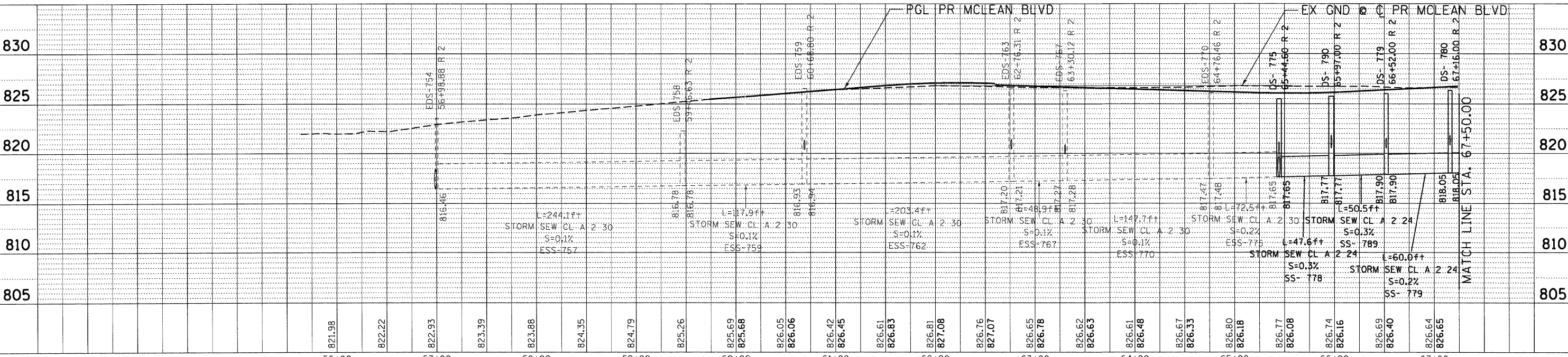
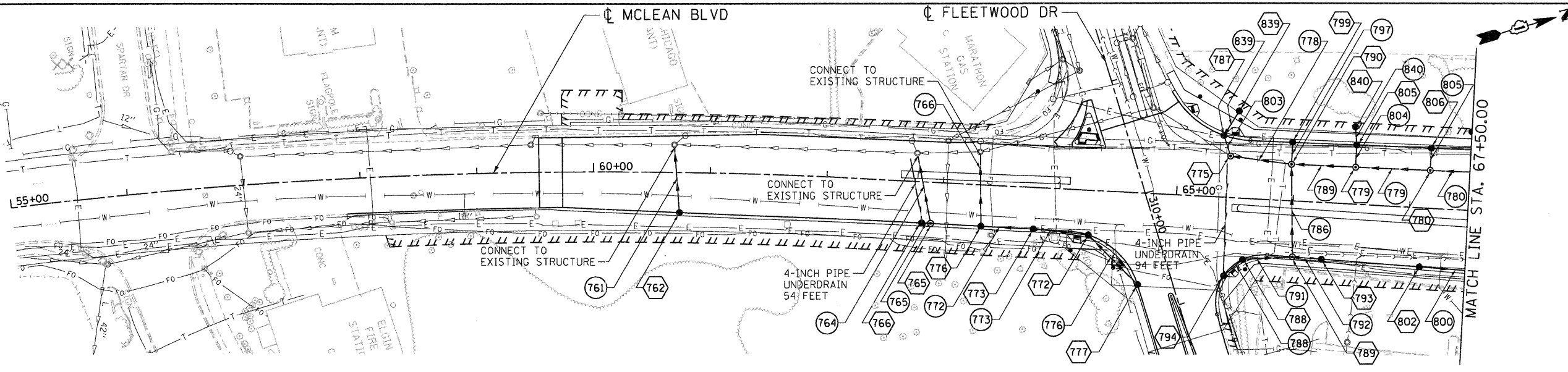
FILE NAME =	USER NAME = #USER#	DESIGNED - SLH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20	<b>DRAINAGE PROFILE</b> <b>U.S. ROUTE 20</b>		F.A.P. RTE. 345	SECTION BR-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 269	
*FILEL#	PLLOT SCALE = #SCALE#	DRAWN - JFS	REVISED -		SCALE: HORIZ. 1"=50'	VERT. 1"=5'	STA. 117+00.00 TO STA. 145+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60H45		
		CHECKED - TKL	REVISED -									
		DATE - 12/16/11	REVISED -									

- LEGEND**
- EX. INLET
  - EX. CATCH BASIN
  - ⊙ EX. MANHOLE
  - ⊗ EX. DRYWELL
  - ▽ EX. CULVERT END SECTION
  - ⊕ EX. FIRE HYDRANT
  - EX. STORM SEWER
  - EX. SANITARY SEWER
  - - - PAVED DITCH REMOVAL
  - PIPE REMOVAL
  - [R] STRUCTURE TO BE REMOVED
  - [ADJ] STRUCTURE TO BE ADJUSTED
  - [REC] STRUCTURE TO BE RECONSTRUCTED



NOTE: ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP

- LEGEND**
- PR. MANHOLE
  - PR. CATCH BASIN
  - ▼ PR. CULVERT END SECTION
  - PR. INLET
  - ▭ PR. HEADWALL FOR PIPE DRAIN
  - ⊙ PR. DRYWELL
  - PR. STORM SEWER
  - PR. CULVERT
  - PR. PIPE UNDERDRAIN
  - PR. DITCH
  - PR. SWALE
  - PR. PIPE
  - PR. STRUCTURE
  - ▭ RIPRAP APRON



FILE NAME =	USER NAME = #USER#	DESIGNED - SLH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b> FAP ROUTE 345 / US ROUTE 20	<b>DRAINAGE PLAN AND PROFILE</b> <b>MCLEAN BOULEVARD</b>	F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 270		
#FILE#	PLOT SCALE = #SCALE#	DRAWN - JFS	REVISED -			SCALE: HORIZ. 1"=50'	VERT. 1"=5'	STA. 55+00.00	TO STA. 67+50.00	FED. ROAD DIST. NO. [ILLINOIS]	FED. AID PROJECT	CONTRACT NO. 60H45
	PLOT DATE = #DATE#	CHECKED - TKL	REVISED -									
		DATE - 12/16/11	REVISED -									

PLAN SURVEYED BY DATE

PLOTTED BY DATE

NOTE BOOK NO. CHECKED BY DATE

STRUCTURE NOTATIONS CHECKED BY DATE

CAUD FILE NAME

PROFILE SURVEYED BY DATE

PLOTTED BY DATE

NOTE BOOK NO. CHECKED BY DATE

STRUCTURE NOTATIONS CHECKED BY DATE

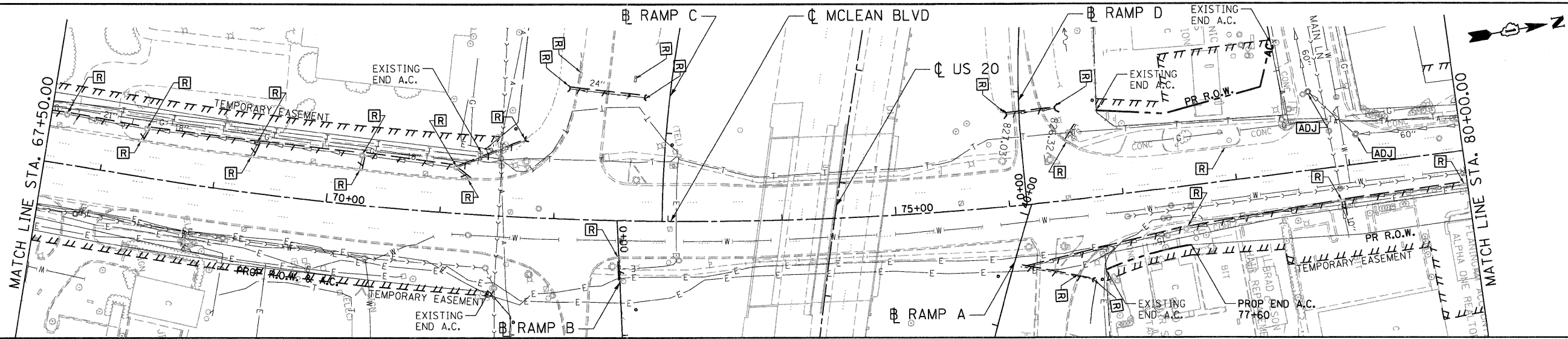
CAUD FILE NAME

12-14-2011 11:45:03 86472FK41

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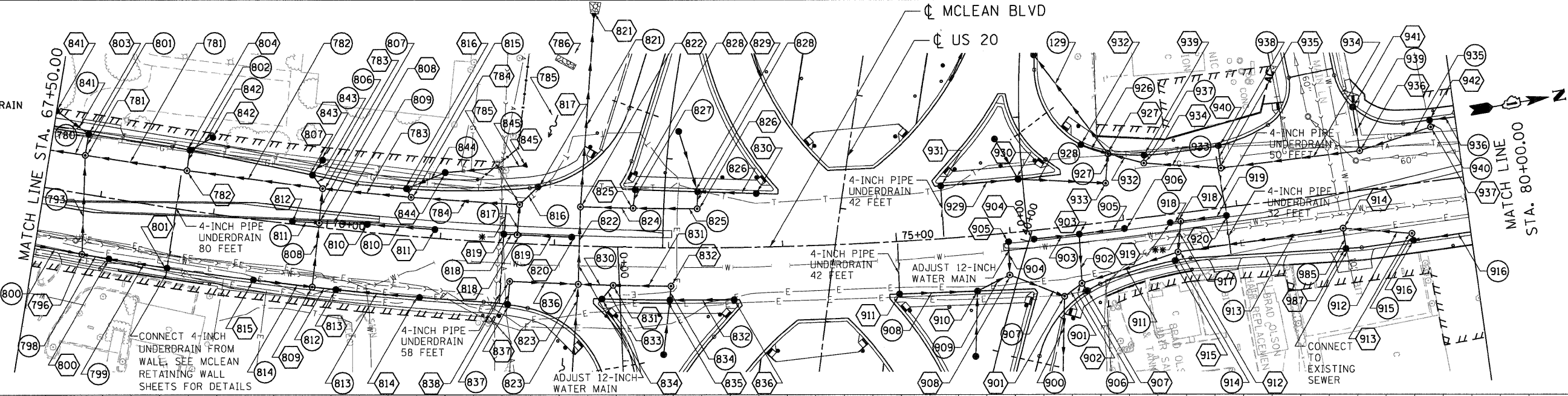
**LEGEND**

- EX. INLET
- EX. CATCH BASIN
- EX. MANHOLE
- ⊙ EX. DRYWELL
- ⊙ EX. CULVERT END SECTION
- ⊙ EX. FIRE HYDRANT
- EX. STORM SEWER
- EX. SANITARY SEWER
- PAVED DITCH
- REMOVAL
- PIPE REMOVAL
- ⊠ STRUCTURE TO BE REMOVED
- ⊠ ADJ STRUCTURE TO BE ADJUSTED
- ⊠ REC STRUCTURE TO BE RECONSTRUCTED

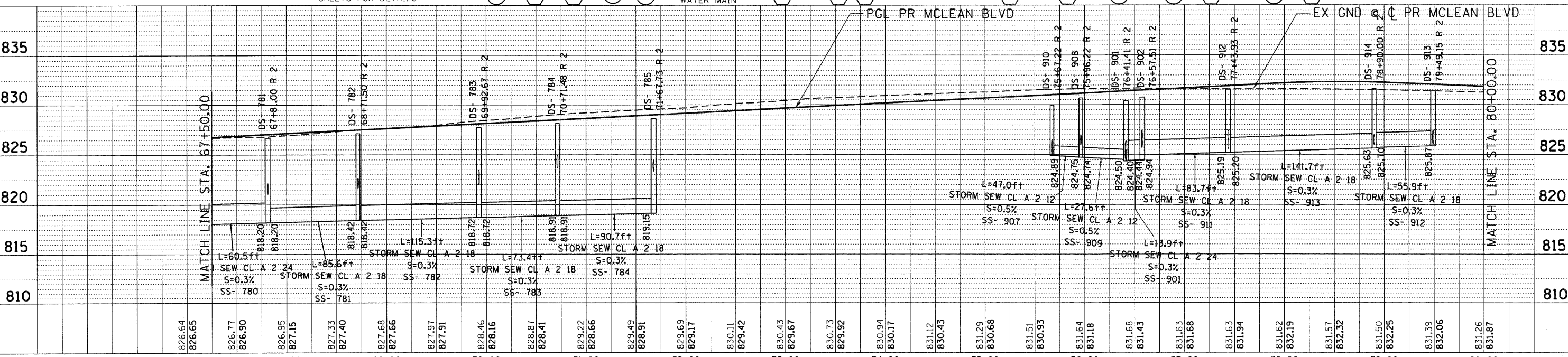


**LEGEND**

- PR. MANHOLE
- PR. CATCH BASIN
- PR. CULVERT END SECTION
- PR. INLET
- PR. HEADWALL FOR PIPE DRAIN
- ⊙ PR. DRYWELL
- PR. STORM SEWER
- PR. CULVERT
- PR. PIPE UNDERDRAIN
- PR. DITCH
- PR. SWALE
- XX PR. PIPE
- ⊠ PR. STRUCTURE
- ⊠ RIPRAP APRON



NOTE: ALL PIPE UNDERDRAINS SHOULD BE PLACED 30-INCHES DEEP  
 \* 4-INCH PIPE UNDERDRAIN 23 FEET  
 \* \* ADJUST 12-INCH WATER MAIN



FILE NAME	USER NAME = #USER#	DESIGNED - SLH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20		DRAINAGE PLAN AND PROFILE MCLEAN BOULEVARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN - JFS	REVISED -			SCALE: HORIZ. 1"=50' VERT. 1"=5'			345	8R-R	KANE	794	271
		CHECKED - TKL	REVISED -			STA. 67+50.00 TO STA. 80+00.00						CONTRACT NO. 60H45	
		DATE - 12/16/11	REVISED -						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_ CHECKED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_ BY: \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 CAD FILE NAME \_\_\_\_\_

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SURVEYED \_\_\_\_\_ CHECKED \_\_\_\_\_  
 PLOTTED \_\_\_\_\_ BY: \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 STRUCTURE NOTATIONS: CHKD

12-14-2011 11:45:33 6A17EK41  
 \\FS-0041\ANAVR\LD-TRANS\07-2282\21379-00\W\1\00\00\60H45-SHEET\06H45-SHT-DRAIN02.DGN



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







Structure No.	Description	Station	Offset	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	Plan Sheet No.	Inlet Filter	Underdrain Connection	STR TOP
102	CB TA 4 DIA T24F&G	86+00	54.9	LT	827.77	--	--	820.61	--	--	--	102 - DIA 12"	--	259	YES	YES	TAPERED
105	MAN TA 6 DIA TIF CL	8+96	29.1	RT	826.60	--	819.13	819.13	819.13	--	106 - DIA 36"	EP - DIA 18"	EP - DIA 36"	262	--	--	FLAT
106	MAN TA 6 DIA TIF CL	88+85	65.6	LT	832.56	819.27	819.28	819.77	819.40	106 - DIA 36"	116 - DIA 36"	107 - DIA 30"	109 - DIA 12"	259	--	--	TAPERED
107	MAN TA 5 DIA TIF CL	91+00	72.7	LT	832.88	--	828.88	820.29	820.29	--	112 - DIA 12"	108 - DIA 30"	107 - DIA 30"	261	--	--	FLAT
108	CB TA 5 DIA T8G	92+50	81.3	LT	831.58	--	--	820.65	820.65	--	--	110 - DIA 30"	108 - DIA 30"	261	YES	--	TAPERED
109	CB TA 4 DIA T8G	88+00	61.2	LT	831.22	--	--	819.75	819.75	--	--	109 - DIA 12"	102 - DIA 12"	259	YES	--	TAPERED
110	CB TA 5 DIA T8G	95+00	98.0	LT	827.70	--	--	821.26	821.26	--	--	111 - DIA 30"	110 - DIA 30"	261	YES	--	FLAT
111	CB TA 5 DIA T8G	95+76	84.0	LT	826.50	--	--	821.95	821.44	--	--	128 - DIA 24"	111 - DIA 30"	261	YES	--	FLAT
112	CB TA 5 DIA T24F&G	1+55	12.3	RT	829.12	--	--	822.16	825.28	--	--	127 - DIA 24"	126 - DIA 12"	261	YES	--	FLAT
113	INLETS TB T24F&G	1+33	59.0	LT	828.70	--	--	--	823.39	--	--	--	130 - DIA 12"	261	YES	--	--
114	CB TA 5 DIA T24F&G	2+06	32.0	LT	828.44	--	--	823.00	822.00	--	--	130 - DIA 12"	128 - DIA 24"	261	YES	--	FLAT
115	MAN TA 4 DIA TIF CL	91+01	51.9	LT	839.38	829.04	--	829.10	829.10	112 - DIA 12"	--	114 - DIA 12"	113 - DIA 12"	261	--	--	TAPERED
116	INLETS TB T24F&G	90+02	54.6	LT	836.71	--	--	829.58	--	--	--	113 - DIA 12"	--	261	YES	YES	--
117	INLETS TB T24F&G	91+44	51.7	LT	840.54	--	--	829.40	829.30	--	--	115 - DIA 12"	114 - DIA 12"	261	YES	--	--
118	INLETS TB T24F&G	93+44	49.7	LT	845.94	--	--	--	830.38	--	--	--	115 - DIA 12"	261	YES	--	--
119	MAN TA 5 DIA TIF CL	88+80	2.9	LT	833.79	819.43	819.44	829.00	826.19	116 - DIA 36"	123 - DIA 36"	119 - DIA 12"	117 - DIA 12"	259	--	--	FLAT
120	CB TA 5 DIA T8G	88+74	56.9	RT	833.49	819.58	--	--	821.70	123 - DIA 36"	--	--	144 - DIA 12"	259	YES	--	TAPERED
121	CB TA 4 DIA T24F&G	87+94	3.7	LT	831.45	826.60	--	--	826.60	118 - DIA 12"	--	--	117 - DIA 12"	259	YES	--	TAPERED
122	INLETS TB T24F&G	87+94	9.8	LT	831.93	--	826.61	--	--	--	118 - DIA 12"	--	--	259	YES	--	--
123	CB TA 4 DIA T24F&G	90+44	0.8	LT	838.36	833.79	--	829.90	829.80	121 - DIA 12"	--	120 - DIA 12"	119 - DIA 12"	261	YES	--	FLAT
124	INLETS TB T24F&G	90+44	7.0	LT	838.60	--	833.80	--	--	--	121 - DIA 12"	--	--	261	YES	--	--
125	CB TA 4 DIA T24F&G	92+94	2.9	RT	845.32	840.49	--	--	831.13	122 - DIA 12"	--	--	120 - DIA 12"	261	YES	--	FLAT
126	INLETS TB T24F&G	92+94	3.3	LT	845.35	--	840.50	--	--	--	122 - DIA 12"	--	--	261	YES	--	--
127	PRC FLAR END SEC 12	1+85	29.0	RT	--	--	--	825.50	--	--	--	126 - DIA 12"	--	261	--	--	--
129	PRC FLAR END SEC 24	73+80	72.6	LT	--	--	815.90	--	--	--	132 - DIA 24"	--	--	258	--	--	--
130	PRC FLAR END SEC 24	73+80	8.1	LT	--	816.24	--	--	--	132 - DIA 24"	--	--	--	258	--	--	--
131	PRC FLAR END SEC 24	73+80	8.1	RT	--	--	816.25	--	--	--	133 - DIA 24"	--	--	258	--	--	--
132	PRC FLAR END SEC 24	73+81	62.9	RT	--	816.87	--	--	--	133 - DIA 24"	--	--	--	258	--	--	--
133	PRC FLAR END SEC 18	16+22	48.0	RT	--	823.50	--	--	--	135 - DIA 18"	--	--	--	261	--	--	--
134	MAN TA 5 DIA TIF CL	16+22	7.7	RT	828.74	824.10	823.60	823.60	--	136 - DIA 12"	135 - DIA 18"	139 - DIA 12"	--	261	--	--	FLAT
135	CB TA 4 DIA T8G	16+20	56.7	LT	826.50	--	824.36	--	824.40	--	136 - DIA 12"	--	137 - DIA 12"	261	YES	--	FLAT
136	CB TA 4 DIA T8G	15+10	38.9	LT	827.73	--	--	824.93	825.00	--	--	137 - DIA 12"	138 - DIA 12"	261	YES	--	FLAT
137	CB TA 4 DIA T8G	12+56	34.3	LT	834.59	--	--	826.25	--	--	--	138 - DIA 12"	--	261	YES	--	TAPERED
138	INLETS TB T24F&G	17+05	11.9	RT	827.64	824.04	--	--	--	143 - DIA 12"	--	--	--	261	YES	--	--
139	CB TA 4 DIA T24F&G	16+63	7.0	LT	828.31	823.78	823.85	--	823.78	140 - DIA 12"	143 - DIA 12"	--	139 - DIA 12"	261	YES	--	FLAT
140	CB TA 4 DIA T24F&G	16+50	40.7	LT	827.59	--	823.92	823.93	--	--	140 - DIA 12"	141 - DIA 12"	--	261	YES	--	FLAT
141	INLETS TB T24F&G	17+12	71.1	LT	828.70	--	--	--	824.20	--	--	--	141 - DIA 12"	261	YES	--	--
142	CB TA 4 DIA T8G	17+75	8.0	LT	826.80	--	--	824.68	--	--	--	142 - DIA 12"	--	261	YES	--	FLAT
143	CB TA 4 DIA T24F&G	86+00	49.5	RT	827.91	--	--	823.05	--	--	--	144 - DIA 12"	--	259	YES	YES	TAPERED
144	PRC FLAR END SEC 24	73+81	79.2	RT	--	--	816.87	--	--	--	EP - DIA 24"	--	--	258	--	--	--
146	DRYWELL	15+88	68.0	RT	822.00	--	--	--	817.00	--	--	--	146 - DIA 12"	261	--	--	--
147	DRYWELL	15+09	76.6	RT	822.00	--	817.00	--	--	--	147 - DIA 12"	--	--	261	--	--	--
148	DRYWELL	14+76	120.7	RT	822.00	--	--	817.00	--	--	--	148 - DIA 12"	--	261	--	--	--
149	CB TA 5 DIA T8G	15+25	95.5	RT	822.00	--	--	818.00	--	--	--	146 - DIA 12"	--	261	YES	--	FLAT
164	CB TA 4 DIA T24F&G	7+00	10.0	RT	829.41	--	--	--	819.98	--	--	--	168 - DIA 12"	259	YES	--	TAPERED
165	CB TA 4 DIA T24F&G	4+50	10.0	RT	824.81	--	--	818.75	818.73	--	--	168 - DIA 12"	167 - DIA 12"	259	YES	--	TAPERED
166	CB TA 4 DIA T24F&G	2+20	10.0	RT	822.34	--	--	817.60	817.66	--	--	167 - DIA 12"	165 - DIA 12"	259	YES	YES	FLAT
167	CB TA 4 DIA T24F&G	0+02	10.0	RT	821.89	--	--	817.58	--	--	--	166 - DIA 12"	--	259	YES	--	FLAT
168	MAN TA 4 DIA TIF CL	1+03	10.0	RT	821.73	--	817.05	817.10	817.10	--	164 - DIA 12"	165 - DIA 12"	166 - DIA 12"	259	--	--	FLAT
170	PRC FLAR END SEC 24	66+02	8.2	LT	--	--	--	--	--	--	--	--	--	258	--	--	--
171	PRC FLAR END SEC 24	66+02	8.1	RT	--	--	--	--	--	--	--	--	--	258	--	--	--
172	PRC FLAR END SEC 24	66+02	64.7	RT	--	--	--	--	--	--	--	--	--	258	--	--	--
300	PRC FLAR END SEC 18	4+52	53.0	RT	--	824.00	--	--	--	300 - DIA 18"	--	--	--	261	--	--	--
301	MAN TA 5 DIA TIF CL	4+79	17.0	RT	833.69	--	824.26	824.11	--	--	300 - DIA 18"	322 - DIA 12"	--	261	--	--	TAPERED
302	MAN TA 5 DIA TIF CL	5+20	35.5	LT	832.24	828.70	--	--	826.87	306 - DIA 18"	--	--	302 - DIA 12"	262	--	--	FLAT
303	CB TA 4 DIA T8G	5+10	35.4	LT	831.97	--	--	826.90	--	--	--	302 - DIA 12"	--	262	YES	--	TAPERED
304	CB TA 4 DIA T24F&G	8+67	32.2	LT	836.29	--	--	825.89	--	--	--	304 - DIA 12"	--	262	YES	YES	TAPERED
305	CB TA 4 DIA T24F&G	10+69	28.0	LT	833.36	--	--	824.79	824.90	--	--	305 - DIA 12"	304 - DIA 12"	262	YES	--	TAPERED
306	CB TA 4 DIA T24F&G	12+71	22.7	LT	829.78	823.70	--	--	823.80	303 - DIA 12"	--	--	305 - DIA 12"	262	YES	YES	TAPERED
307	MAN TA 5 DIA TIF CL	104+00	3.8	RT	845.56	--	829.21	833.62	840.70	--	306 - DIA 18"	309 - DIA 12"	307 - DIA 12"	262	--	--	FLAT
308	CB TA 4 DIA T24F&G	103+70	3.3	RT	846.32	840.90	--	840.83	--	308 - DIA 12"	--	307 - DIA 12"	--	262	YES	--	TAPERED
309	INLETS TB T24F&G	103+70	2.8	LT	846.32	--	840.91	--	--	--	308 - DIA 12"	--	--	262	YES	--	--
310	CB TA 4 DIA T24F&G	106+20	3.3	RT	839.57	834.70	--	--	834.70	310 - DIA 12"	--	--	309 - DIA 12"	262	YES	--	TAPERED
311	INLETS TB T24F&G	106+20	2.8	LT	839.57	--	834.71	--	--	--	310 - DIA 12"	--	--	262	YES	--	--
314	MAN TA 5 DIA TIF CL	17+96	9.0	RT	825.41	819.90	--	819.85	820.25	323 - DIA 18"	--	313 - DIA 24"	314 - DIA 12"	262	--	--	FLAT
315	MAN TA 4 DIA TIF CL	16+05	9.0	RT	826.44	--	--	821.07	823.21	--	--	314 - DIA 12"	315 - DIA 12"	262	--	--	FLAT
321	CB TA 4 DIA T8G	111+00	98.3	LT	822.56	--	--	817.42	--	--	--	321 - DIA 15"	--	262	YES	--	TAPERED
323	CB TA 4 DIA T24F&G	116+20	3.3	RT	824.50	820.56	820.05	--	820.10	324 - DIA 12"	323 - DIA 18"	--	325 - DIA 18"	262	YES	--	FLAT
324	INLETS TB T24F&G	116+20	2.8	LT	824.50	--	820.57	--	--	--	324 - DIA 12"	--	--	262	YES	--	--
325	CB TA 4 DIA T24F&G	113+70	3.3	RT	825.69	821.39	--	820.84	820.85	326 - DIA 12"	--	325 - DIA 18"	327 - DIA 18"	262	YES	--	FLAT
326	INLETS TB T24F&G	113+70	2.8	LT	825.69	--	821.40	--	--	--	326 - DIA 12"	--	--	262	YES	--	--
327	CB TA 4 DIA T24F&G	111+20	3.3	RT	828.53	824.19	823.50	821.59	822.10	328 - DIA 12"	303 - DIA 12"	327 - DIA 18"	329 - DIA 12"	262	YES	--	FLAT
328	INLETS TB T24F&G	111+20	2.8	LT	828.53	--	824.20	--	--	--	328 - DIA 12"	--	--	262	YES	--	--

\\F:\004\KAWAULT\0-TRANS\_07\2202\21379-001\CIVIL\CAD\604\604\5\SHEET\_01604\5-SHT-DRNDET501.DGN  
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FILE NAME = #FILEL#  
 USER NAME = #USER#  
 PLOT SCALE = #SCALE#  
 PLOT DATE = #DATE#  
**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

DESIGNED - SLH  
 DRAWN - JFS  
 CHECKED - TKL  
 DATE - 12/16/11  
 REVISED -  
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 REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**DRAINAGE SCHEDULES - I**  
 SCALE: N.T.S. SHEET NO. OF STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-R	KANE	794	274
CONTRACT NO. 60H45				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



Structure No.	Description	Station	Offset	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	Plan Sheet No.	Inlet Filter	Underdrain Connection	STR TOP
402	DRYWELL	36+43	90.5	RT	822.00	--	--	817.00	--	--	--	402 - DIA 12"	--	261	--	--	--
403	CB TA 5 DIA T8G	36+25	115.5	RT	822.00	--	--	818.00	--	--	--	400 - DIA 12"	--	261	YES	--	FLAT
404	DRYWELL	3+12	49.8	RT	822.00	--	--	--	817.00	--	--	--	404 - DIA 12"	261	--	--	--
405	DRYWELL	2+83	85.4	RT	822.00	817.00	--	--	--	405 - DIA 12"	--	--	--	261	--	--	--
406	DRYWELL	2+26	43.2	RT	822.00	--	--	817.00	--	--	--	406 - DIA 12"	--	261	--	--	--
407	CB TA 5 DIA T8G	2+69	64.1	RT	822.00	--	--	818.00	--	--	--	404 - DIA 12"	--	261	YES	--	FLAT
408	MAN TA 5 DIA T1F CL	131+20	40.0	RT	809.07	804.50	804.23	--	805.00	373 - DIA 12"	372 - DIA 24"	--	365 - DIA 24"	264	--	--	FLAT
409	MAN TA 5 DIA T1F CL	121+20	47.8	RT	822.37	818.60	818.59	--	818.60	348 - DIA 12"	350 - DIA 24"	--	347 - DIA 24"	263	--	--	FLAT
410	PRC FLAR END SEC 12	1+80	33.9	RT	--	822.50	--	--	--	390 - DIA 12"	--	--	--	261	--	--	--
707	CB TA 4 DIA T24F&G	201+00	39.6	RT	829.29	--	--	822.30	822.10	--	--	709 - DIA 12"	706 - DIA 12"	273	YES	--	TAPERED
708	CB TA 4 DIA T24F&G	200+97	26.5	LT	829.34	--	--	--	822.70	--	--	--	707 - DIA 12"	273	YES	YES	TAPERED
709	CB TA 4 DIA T24F&G	201+20	35.7	RT	829.19	--	--	--	822.38	--	--	--	709 - DIA 12"	273	YES	YES	TAPERED
710	MAN TA 4 DIA T1F CL	202+28	26.0	RT	829.86	825.54	--	825.65	825.65	710 - DIA 12"	--	712 - DIA 12"	711 - DIA 12"	273	--	--	FLAT
711	CB TA 4 DIA T24F&G	201+90	27.2	RT	829.72	--	--	825.82	--	--	--	711 - DIA 12"	--	273	YES	--	FLAT
712	CB TA 4 DIA T24F&G	202+61	26.0	RT	829.96	--	--	826.00	825.79	--	--	714 - DIA 12"	712 - DIA 12"	273	YES	--	FLAT
714	CB TA 4 DIA T24F&G	203+30	27.9	RT	830.19	--	--	--	826.32	--	--	--	714 - DIA 12"	273	YES	YES	FLAT
719	MAN TA 4 DIA T1F CL	202+24	26.0	LT	829.97	--	825.68	825.90	825.70	--	719 - DIA 12"	721 - DIA 12"	720 - DIA 12"	273	--	--	FLAT
720	CB TA 4 DIA T24F&G	201+60	26.0	LT	829.69	--	--	825.96	--	--	--	720 - DIA 12"	--	273	YES	--	FLAT
721	CB TA 4 DIA T24F&G	202+42	26.0	LT	830.02	--	--	826.10	825.97	--	--	722 - DIA 12"	721 - DIA 12"	273	YES	--	FLAT
723	CB TA 4 DIA T24F&G	203+29	26.9	LT	830.26	--	--	--	826.52	--	--	--	722 - DIA 12"	273	YES	YES	FLAT
762	CB TA 4 DIA T24F&G	60+74	34.4	RT	825.70	--	--	--	820.90	--	--	--	761 - DIA 12"	270	YES	--	FLAT
765	MAN TA 4 DIA T1F CL	62+91	35.3	RT	826.17	--	821.00	--	821.00	--	765 - DIA 12"	--	764 - DIA 12"	270	--	--	TAPERED
766	CB TA 4 DIA T24F&G	62+83	35.3	RT	826.19	821.04	--	--	--	765 - DIA 12"	--	--	--	270	YES	YES	TAPERED
772	CB TA 4 DIA T24F&G	64+26	38.1	RT	825.60	--	821.18	821.22	--	--	773 - DIA 12"	776 - DIA 12"	--	270	YES	--	FLAT
773	CB TA 4 DIA T24F&G	63+79	35.6	RT	825.90	820.96	821.00	--	--	773 - DIA 12"	772 - DIA 12"	--	--	270	YES	--	TAPERED
775	MAN TA 5 DIA T1F CL	65+45	35.4	LT	825.49	817.65	--	--	820.16	778 - DIA 24"	--	--	803 - DIA 12"	270	--	--	FLAT
776	CB TA 4 DIA T24F&G	63+34	35.3	RT	826.04	820.80	--	--	820.50	772 - DIA 12"	--	--	766 - DIA 12"	270	YES	--	TAPERED
777	CB TA 4 DIA T24F&G	310+73	29.0	RT	825.39	--	--	--	821.50	--	--	--	776 - DIA 12"	270	YES	--	FLAT
779	MAN TA 4 DIA T1F CL	66+52	31.8	LT	826.03	817.90	817.90	--	820.55	779 - DIA 24"	789 - DIA 24"	--	804 - DIA 12"	270	--	--	TAPERED
780	MAN TA 4 DIA T1F CL	67+16	32.5	LT	826.35	818.05	818.05	--	820.85	780 - DIA 24"	779 - DIA 24"	--	805 - DIA 12"	270	--	--	TAPERED
781	MAN TA 5 DIA T1F CL	67+81	33.3	LT	826.68	818.20	818.20	821.00	821.16	781 - DIA 18"	780 - DIA 24"	793 - DIA 12"	801 - DIA 12"	271	--	--	FLAT
782	MAN TA 4 DIA T1F CL	68+72	34.0	LT	827.13	818.42	818.42	--	821.66	782 - DIA 18"	781 - DIA 18"	--	802 - DIA 12"	271	--	--	TAPERED
783	MAN TA 5 DIA T1F CL	69+93	34.0	LT	827.74	818.72	818.72	822.00	822.50	783 - DIA 18"	782 - DIA 18"	807 - DIA 12"	806 - DIA 12"	271	--	--	FLAT
784	MAN TA 4 DIA T1F CL	70+71	34.0	LT	828.14	818.91	818.91	--	823.70	784 - DIA 18"	783 - DIA 18"	--	815 - DIA 15"	271	--	--	FLAT
785	MAN TA 5 DIA T1F CL	71+68	34.0	LT	828.62	823.32	819.15	823.50	--	784 - DIA 18"	784 - DIA 18"	817 - DIA 12"	--	271	--	--	FLAT
787	CB TA 4 DIA T24F&G	65+38	53.0	LT	825.06	820.50	--	820.30	--	839 - DIA 12"	--	803 - DIA 12"	--	270	YES	--	FLAT
788	CB TA 4 DIA T24F&G	65+59	52.3	RT	825.08	821.05	821.07	--	--	791 - DIA 12"	788 - DIA 12"	--	--	270	YES	--	FLAT
789	MAN TA 4 DIA T1F CL	66+02	47.7	RT	825.29	821.40	820.88	--	820.85	792 - DIA 12"	791 - DIA 12"	--	786 - DIA 12"	270	--	--	FLAT
790	MAN TA 5 DIA T1F CL	65+97	31.2	LT	825.77	817.77	817.77	820.52	820.86	789 - DIA 24"	778 - DIA 24"	786 - DIA 12"	797 - DIA 12"	270	--	--	FLAT
793	CB TA 4 DIA T24F&G	66+27	48.4	RT	825.40	--	821.50	--	--	--	792 - DIA 12"	--	--	270	YES	--	FLAT
794	CB TA 4 DIA T24F&G	310+87	43.8	LT	824.87	821.15	--	--	--	788 - DIA 12"	--	--	--	270	YES	YES	FLAT
796	MAN TA 4 DIA T1F CL	67+92	52.7	RT	826.17	821.47	821.47	--	821.41	798 - DIA 12"	800 - DIA 12"	--	793 - DIA 12"	271	--	--	FLAT
799	CB TA 4 DIA T24F&G	65+97	50.3	LT	825.21	--	--	821.00	--	--	--	797 - DIA 12"	--	270	YES	--	FLAT
800	CB TA 4 DIA T24F&G	68+16	52.9	RT	826.26	821.49	821.57	--	--	799 - DIA 12"	798 - DIA 12"	--	--	271	YES	--	FLAT
801	CB TA 4 DIA T24F&G	68+67	53.0	RT	826.52	--	821.81	--	--	--	799 - DIA 12"	--	--	271	YES	YES	FLAT
802	CB TA 4 DIA T24F&G	67+11	50.5	RT	825.76	821.86	--	--	--	800 - DIA 12"	--	--	--	271	YES	--	FLAT
803	CB TA 4 DIA T24F&G	67+81	52.3	LT	826.09	--	--	821.30	821.30	--	--	801 - DIA 12"	841 - DIA 12"	271	YES	--	FLAT
804	CB TA 4 DIA T24F&G	68+71	52.2	LT	826.57	821.80	--	821.80	--	842 - DIA 12"	--	--	802 - DIA 12"	271	YES	--	FLAT
805	CB TA 4 DIA T24F&G	66+52	50.9	LT	825.47	--	--	820.70	820.70	--	--	804 - DIA 12"	840 - DIA 12"	270	YES	--	FLAT
806	CB TA 4 DIA T24F&G	67+16	51.5	LT	825.79	--	--	821.00	--	--	--	805 - DIA 12"	--	270	YES	--	FLAT
807	CB TA 4 DIA T24F&G	69+82	44.7	LT	827.34	--	--	822.60	822.60	--	--	806 - DIA 12"	843 - DIA 12"	271	YES	--	FLAT
808	MAN TA 5 DIA T1F CL	69+93	3.7	LT	828.14	822.13	822.13	822.13	822.13	809 - DIA 12"	811 - DIA 12"	808 - DIA 12"	807 - DIA 12"	271	--	--	FLAT
809	MAN TA 4 DIA T1F CL	69+93	53.0	RT	827.18	822.40	822.40	--	822.39	812 - DIA 12"	814 - DIA 12"	--	808 - DIA 12"	271	--	--	FLAT
810	CB TA 4 DIA T1F OL	70+35	6.9	LT	828.32	822.32	822.32	--	--	810 - DIA 12"	809 - DIA 12"	--	--	271	YES	--	TAPERED
811	CB TA 4 DIA T24F&G	70+95	7.5	LT	828.61	--	822.60	--	--	--	810 - DIA 12"	--	--	271	YES	--	TAPERED
812	CB TA 4 DIA T1F OL	69+70	2.4	LT	828.05	822.22	--	--	--	811 - DIA 12"	--	--	--	271	YES	--	TAPERED
813	CB TA 4 DIA T24F&G	70+13	53.0	RT	827.29	822.48	822.48	--	--	813 - DIA 12"	812 - DIA 12"	--	--	271	YES	--	FLAT
814	CB TA 4 DIA T24F&G	70+86	53.0	RT	827.65	--	822.83	--	--	--	813 - DIA 12"	--	--	271	YES	--	FLAT
815	CB TA 4 DIA T24F&G	69+42	53.0	RT	826.93	822.64	--	--	--	814 - DIA 12"	--	--	--	271	YES	--	FLAT
816	CB TA 4 DIA T24F&G	70+67	41.1	LT	827.86	823.85	--	823.75	--	844 - DIA 15"	--	815 - DIA 15"	--	271	YES	--	FLAT
817	CB TA 4 DIA T24F&G	71+83	50.1	LT	828.22	--	823.50	--	--	--	816 - DIA 12"	--	--	271	YES	--	FLAT
818	MAN TA 4 DIA T1F CL	71+67	7.5	LT	828.97	823.62	823.62	--	823.61	819 - DIA 12"	818 - DIA 12"	--	817 - DIA 12"	271	--	--	TAPERED
819	CB TA 4 DIA T24F&G	71+55	7.5	LT	828.91	823.66	--	--	--	818 - DIA 12"	--	--	--	271	YES	YES	TAPERED
820	CB TA 4 DIA T24F&G	72+15	7.5	LT	829.21	--	823.84	--	--	--	819 - DIA 12"	--	--	271	YES	--	TAPERED
821	PRC FLAR END SEC 24	72+29	200.0	LT	--	--	--	823.25	--	--	--	--	821 - DIA 24"	271	--	--	--
822	MAN TA 5 DIA T1F CL	72+22	34.3	LT	828.90	823.80	--	823.62	823.61	824 - DIA 12"	--	822 - DIA 24"	821 - DIA 24"	271	--	--	FLAT
823	MAN TA 5 DIA T1F CL	72+22	34.0	RT	828.90	824.00	823.82	823.78	823.76	830 - DIA 12"	836 - DIA 12"	823 - DIA 24"	--	271	--	--	FLAT
824	PRC FLAR END SEC 24	72+18	136.7	RT	--	--	--	824.00	--	--	--	--	823 - DIA 24"	271	--	--	--
825	MAN TA 4 DIA T1F CL	72+68	34.3	LT	829.13	824.05	824.01	--	824.84	825 - DIA 12"	824 - DIA 12"	--	827 - DIA 12"	271	--	--	FLAT
826	MAN TA 4 DIA T1F CL	73+25	34.3	LT	829.12	--	824.31	--	824.35	--	825 - DIA 12"	--	828 - DIA 12"	271	--	--	FLAT
828	CB TA 4 DIA T24F&G	72+70	50.4	LT	828.65	--	--	824.90	--	--	--	827 - DIA 12"	--	271	YES	--	FLAT
829	CB TA 4 DIA T24F&G	73+26	49.1	LT	828.68	824.90	--	824.40	824.45	826 - DIA 12"	--	828 - DIA 12"	142 - DIA 12"	271	YES	--	FLAT
830	CB TA 4 DIA T24F&G	73+78	47.0	LT	828.97	--	825.14	--	--	--	826 - DIA 12"	--	--	271	YES	--	FLAT

..\D60H45-30ORDER01.DGN, ..\D60H45-SCHEDULE02.DGN, ..\D60H45-SCHEDULE03.DGN, ..\D60H45-SCHEDULE04.DGN, ..\D60H45-SCHEDULE05.DGN, ..\D60H45-SCHEDULE06.DGN, ..\D60H45-SCHEDULE07.DGN, ..\D60H45-SCHEDULE08.DGN, ..\D60H45-SCHEDULE09.DGN, ..\D60H45-SCHEDULE10.DGN, ..\D60H45-SCHEDULE11.DGN, ..\D60H45-SCHEDULE12.DGN, ..\D60H45-SCHEDULE13.DGN, ..\D60H45-SCHEDULE14.DGN, ..\D60H45-SCHEDULE15.DGN, ..\D60H45-SCHEDULE16.DGN, ..\D60H45-SCHEDULE17.DGN, ..\D60H45-SCHEDULE18.DGN, ..\D60H45-SCHEDULE19.DGN, ..\D60H45-SCHEDULE20.DGN, ..\D60H45-SCHEDULE21.DGN, ..\D60H45-SCHEDULE22.DGN, ..\D60H45-SCHEDULE23.DGN, ..\D60H45-SCHEDULE24.DGN, ..\D60H45-SCHEDULE25.DGN, ..\D60H45-SCHEDULE26.DGN, ..\D60H45-SCHEDULE27.DGN, ..\D60H45-SCHEDULE28.DGN, ..\D60H45-SCHEDULE29.DGN, ..\D60H45-SCHEDULE30.DGN, ..\D60H45-SCHEDULE31.DGN, ..\D60H45-SCHEDULE32.DGN, ..\D60H45-SCHEDULE33.DGN, ..\D60H45-SCHEDULE34.DGN, ..\D60H45-SCHEDULE35.DGN, ..\D60H45-SCHEDULE36.DGN, ..\D60H45-SCHEDULE37.DGN, ..\D60H45-SCHEDULE38.DGN, ..\D60H45-SCHEDULE39.DGN, ..\D60H45-SCHEDULE40.DGN, ..\D60H45-SCHEDULE41.DGN, ..\D60H45-SCHEDULE42.DGN, ..\D60H45-SCHEDULE43.DGN, ..\D60H45-SCHEDULE44.DGN, ..\D60H45-SCHEDULE45.DGN, ..\D60H45-SCHEDULE46.DGN, ..\D60H45-SCHEDULE47.DGN, ..\D60H45-SCHEDULE





Pipe No.	Description	Size	Length	Slope	Trench Backfill	Plan Sheet No.	FROM Node	• TO Node
102	STORM SEW CL A 3 12	DIA 12"	196	0.44	200.9	259	102	EP
106	STORM SEWERS JKD 36	DIA 36"	55	0.25	0.0	259	106	105
107	STORM SEW CL A 3 30	DIA 30"	208	0.25	401.4	261	EP	106
108	STORM SEW CL A 3 30	DIA 30"	144	0.25	0.0	261	108	EP
109	STORM SEW CL A 3 12	DIA 12"	80	0.44	119.9	259	EP	106
110	STORM SEW CL A 2 30	DIA 30"	243	0.25	249.2	261	EP	108
111	STORM SEW CL A 2 30	DIA 30"	72	0.25	17.2	261	111	EP
112	STORM SEW CL A 2 12	DIA 12"	16	1.00	7.1	261	115	EP
113	STORM SEW CL A 2 12	DIA 12"	95	0.50	87.9	261	116	115
114	STORM SEW CL A 3 12	DIA 12"	39	0.50	49.4	261	117	115
115	STORM SEW CL A 3 12	DIA 12"	196	0.50	327.5	261	118	117
116	STORM SEWERS JKD 36	DIA 36"	57	0.25	0.0	259	119	106
117	STORM SEW CL A 2 12	DIA 12"	81	0.50	27.4	259	121	119
118	STORM SEW CL A 2 12	DIA 12"	3	0.50	0.6	259	122	121
119	STORM SEW CL A 2 12	DIA 12"	159	0.50	61.3	261	123	119
120	STORM SEW CL A 3 12	DIA 12"	246	0.50	331.5	261	125	123
121	STORM SEW CL A 2 12	DIA 12"	3	0.50	0.5	261	124	123
122	STORM SEW CL A 2 12	DIA 12"	3	0.50	0.5	261	126	125
123	STORM SEWERS JKD 36	DIA 36"	55	0.25	0.0	259	120	119
126	STORM SEW CL A 1 12	DIA 12"	31	0.70	1.3	261	127	EP
127	STORM SEW CL A 2 24	DIA 24"	103	0.25	82.6	271	927	EP
128	STORM SEW CL A 2 24	DIA 24"	16	0.25	3.9	261	114	111
129	STORM SEW CL A 2 24	DIA 24"	63	0.25	26.2	261	EP	114
130	STORM SEW CL A 1 12	DIA 12"	77	0.50	19.2	261	113	114
132	STORM SEWERS JKD 24	DIA 24"	64	0.53	0.0	258	130	129
133	STORM SEWERS JKD 24	DIA 24"	55	1.13	0.0	258	132	131
135	STORM SEW CL A 2 18	DIA 18"	38	0.26	8.4	261	134	133
136	STORM SEW CL A 2 12	DIA 12"	60	0.44	2.3	261	135	134
137	STORM SEW CL A 1 12	DIA 12"	106	0.50	0.0	261	136	135
138	STORM SEW CL A 2 12	DIA 12"	250	0.50	0.0	261	137	136
139	STORM SEW CL A 2 12	DIA 12"	40	0.44	7.6	261	139	134
140	STORM SEW CL A 2 12	DIA 12"	32	0.44	3.6	261	140	139
141	STORM SEW CL A 2 12	DIA 12"	63	0.44	7.0	261	141	140
142	STORM SEW CL A 2 12	DIA 12"	51	0.44	0.9	261	142	829
143	STORM SEW CL A 2 12	DIA 12"	42	0.44	4.5	261	138	139
144	STORM SEW CL A 3 12	DIA 12"	270	0.50	233.7	259	143	120
146	STORM SEW CL A 2 12	DIA 12"	64	1.55	10.0	261	149	146
147	STORM SEW CL A 2 12	DIA 12"	20	4.96	3.1	261	421	147
148	STORM SEW CL A 2 12	DIA 12"	50	1.98	7.8	261	423	148
164	STORM SEW CL A 2 12	DIA 12"	10	0.50	1.1	259	168	ES
165	STORM SEW CL A 2 12	DIA 12"	113	0.50	19.4	259	166	168
166	STORM SEW CL A 2 12	DIA 12"	97	0.50	14.8	259	167	168
167	STORM SEW CL A 2 12	DIA 12"	226	0.50	56.8	259	165	166
168	STORM SEW CL A 2 12	DIA 12"	246	0.50	189.9	259	164	165
300	STORM SEW CL A 2 18	DIA 18"	43	0.60	46.4	261	301	300
301	STORM SEW CL A 2 18	DIA 18"	61	0.60	23.6	262	302	301
302	STORM SEW CL A 2 12	DIA 12"	5	0.50	0.0	262	303	302
303	STORM SEW CL A 2 12	DIA 12"	39	0.50	10.5	262	306	327
304	STORM SEW CL A 2 12	DIA 12"	198	0.50	206.4	262	304	305
305	STORM SEW CL A 2 12	DIA 12"	198	0.50	137.8	262	305	306
306	STORM SEW CL A 3 18	DIA 18"	85	0.60	102.2	262	307	302
307	STORM SEW CL A 2 12	DIA 12"	25	0.50	5.7	262	308	307
308	STORM SEW CL A 2 12	DIA 12"	3	0.50	0.7	262	309	308
309	STORM SEW CL A 3 12	DIA 12"	216	0.50	189.7	262	310	307
310	STORM SEW CL A 2 12	DIA 12"	3	0.50	0.5	262	311	310
313	STORM SEW CL A 2 24	DIA 24"	244	0.27	31.8	262	314	EP
314	STORM SEW CL A 2 12	DIA 12"	186	0.44	43.9	262	315	314
315	STORM SEW CL A 1 12	DIA 12"	182	0.50	10.5	262	ES	315
321	STORM SEW CL A 2 15	DIA 15"	144	0.50	0.0	262	321	365
322	STORM SEW CL A 3 12	DIA 12"	112	0.44	139.3	261	ES	301
323	STORM SEW CL A 2 18	DIA 18"	51	0.30	9.9	262	323	314
324	STORM SEW CL A 1 12	DIA 12"	3	0.50	0.3	262	324	323
325	STORM SEW CL A 2 18	DIA 18"	246	0.30	36.8	262	325	323
326	STORM SEW CL A 2 12	DIA 12"	3	0.50	0.4	262	326	325
327	STORM SEW CL A 2 18	DIA 18"	246	0.30	76.2	262	327	325
328	STORM SEW CL A 2 12	DIA 12"	3	0.50	0.4	262	328	327
329	STORM SEW CL A 2 12	DIA 12"	246	0.50	206.2	262	329	327
330	STORM SEW CL A 2 12	DIA 12"	3	0.50	0.4	262	330	329
331	STORM SEWERS JKD 24	DIA 24"	79	0.26	0.0	261	332	EP
332	STORM SEWERS JKD 24	DIA 24"	193	0.26	0.0	261	333	332
333	STORM SEWERS JKD 24	DIA 24"	96	0.26	0.0	261	334	333

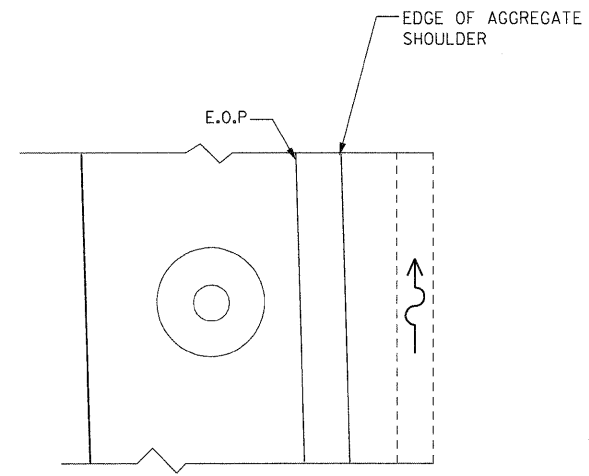
Pipe No.	Description	Size	Length	Slope	Trench Back fill	Plan Sheet No.	FROM Node	• TO Node
335	STORM SEW CL A 2 12	DIA 12"	170	0.44	0.0	261	335	332
336	STORM SEW CL A 2 18	DIA 18"	105	0.30	40.6	261	337	EP
337	STORM SEW CL A 2 18	DIA 18"	242	0.30	0.0	262	338	337
338	STORM SEW CL A 2 12	DIA 12"	244	0.50	0.0	262	339	338
339	STORM SEW CL A 2 12	DIA 12"	195	0.50	13.4	262	340	339
341	STORM SEW CL A 2 12	DIA 12"	194	0.50	159.0	261	EP	343
342	STORM SEW CL A 3 15	DIA 15"	28	1.00	36.1	262	EP	338
343	STORM SEW CL A 2 12	DIA 12"	26	0.50	6.8	262	343	EP
344	STORM SEW CL A 2 12	DIA 12"	143	0.50	61.2	262	EP	EP
345	STORM SEW CL A 2 12	DIA 12"	46	0.44	5.0	263	346	EP
346	STORM SEW CL A 2 12	DIA 12"	3	0.50	0.3	263	347	346
347	STORM SEW CL A 1 24	DIA 24"	245	0.25	0.0	263	EP	409
348	STORM SEW CL A 1 12	DIA 12"	40	0.44	3.6	263	EP	409
349	STORM SEW CL A 1 12	DIA 12"	3	0.50	0.3	263	350	EP
350	STORM SEW CL A 1 24	DIA 24"	12	0.30	0.0	263	409	348
351	STORM SEW CL A 1 12	DIA 12"	52	0.50	3.0	263	352	351
352	STORM SEW CL A 1 12	DIA 12"	3	0.50	0.2	263	353	352
353	STORM SEW CL A 2 24	DIA 24"	245	0.50	304.1	263	354	370
354	STORM SEWERS JKD 24	DIA 24"	34	0.25	0.0	263	355	354
355	STORM SEWERS JKD 24	DIA 24"	3	0.25	0.0	263	356	355
356	STORM SEWERS JKD 24	DIA 24"	49	0.25	0.0	263	357	356
357	STORM SEW CL A 2 12	DIA 12"	21	0.50	2.9	263	358	357
358	STORM SEW CL A 2 24	DIA 24"	6	0.25	7.7	263	359	357
359	STORM SEW CL A 2 18	DIA 18"	271	0.30	0.0	263	360	359
360	STORM SEW CL A 2 18	DIA 18"	41	0.30	0.0	263	387	360
361	STORM SEW CL A 2 18	DIA 18"	209	0.30	0.0	263	362	361
362	STORM SEW CL A 2 18	DIA 18"	196	0.30	0.0	262	363	362
363	STORM SEW CL A 2 18	DIA 18"	85	0.30	0.0	262	388	363
364	STORM SEW CL A 2 15	DIA 15"	193	0.50	0.0	262	365	364
365	STORM SEW CL A 2 24	DIA 24"	245	0.50	102.4	263	370	408
366	STORM SEW CL A 2 12	DIA 12"	8	1.00	1.2	263	366	361
367	STORM SEW CL A 2 12	DIA 12"	9	1.00	2.0	263	367	362
368	STORM SEW CL A 2 12	DIA 12"	12	1.00	4.0	262	368	363
369	STORM SEW CL A 2 12	DIA 12"	6	1.00	1.7	262	369	364
370	STORM SEW CL A 2 12	DIA 12"	33	0.50	5.9	263	371	370
371	STORM SEW CL A 2 12	DIA 12"	3	0.50	0.5	263	372	371
372	STORM SEW CL A 1 24	DIA 24"	11	0.25	1.3	264	408	373
373	STORM SEW CL A 2 12	DIA 12"	32	0.50	5.8	264	374	408
374	STORM SEW CL A 2 12	DIA 12"	3	0.50	0.5	264	375	374
376	STORM SEWERS JKD 18	DIA 18"	60	0.30	0.0	264	379	376
377	STORM SEW CL A 2 12	DIA 12"	25	0.50	8.2	264	378	379
378	STORM SEW CL A 2 12	DIA 12"	3	0.50	1.0	264	377	378
379	STORM SEWERS JKD 18	DIA 18"	42	0.30	0.0	264	380	379
380	STORM SEW CL A 2 12	DIA 12"	301	1.00	241.7	263	381	380
381	STORM SEW CL A 3 12	DIA 12"	247	1.00	294.4	263	382	381
382	STORM SEW CL A 2 12	DIA 12"	8	0.44	0.8	264	383	380
383	STORM SEW CL A 3 12	DIA 12"	246	1.00	0.0	264	384	383
384	STORM SEW CL A 3 12	DIA 12"	246	1.00	0.0	263	385	384
386	STORM SEW CL A 2 12	DIA 12"	8	1.00	2.0	263	386	360
387	STORM SEW CL A 2 18	DIA 18"	193	0.30	0.0	263	361	387
388	STORM SEW CL A 2 15	DIA 15"	144	0.50	0.0	262	364	388
389	STORM SEW CL A 2 12	DIA 12"	109	0.44	0.0	261	389	333
390	STORM SEW CL A 2 12	DIA 12"	42	0.44	6.5	261	390	410
391	STORM SEW CL A 2 12	DIA 12"	44	0.44	0.5	261	391	835
392	STORM SEW CL A 2 12	DIA 12"	5	0.44	0.7	261	392	390
394	STORM SEW CL A 2 12	DIA 12"	40	0.44	3.3	261	393	392
395	STORM SEW CL A 2 12	DIA 12"	50	0.50	7.9	261	395	394
396	STORM SEW CL A 2 12	DIA 12"	53	0.44	4.3	261	396	910
397	STORM SEW CL A 2 12	DIA 12"	38	0.50	8.3	261	397	395
398	STORM SEW CL A 2 12	DIA 12"	32	0.50	5.0	261	398	397
399	STORM SEW CL A 2 12	DIA 12"	74	0.44	5.5	261	399	393
400	STORM SEW CL A 2 12	DIA 12"	79	1.27	12.2	261	403	400
401	STORM SEW CL A 2 12	DIA 12"	46	2.16	7.2	261	413	401
402	STORM SEW CL A 2 12	DIA 12"	25	3.98	3.9	261	415	402
404	STORM SEW CL A 2 12	DIA 12"	40	2.49	6.3	261	407	404
405	STORM SEW CL A 2 12	DIA 12"	20	4.97	3.1	261	419	405
406	STORM SEW CL A 2 12	DIA 12"	43	2.31	6.7	261	417	406
706	STORM SEW CL A 2 12	DIA 12"	42	1.00	32.4	273	707	ES
707	STORM SEW CL A 2 12	DIA 12"	49	0.50	19.8	273	708	965
709	STORM SEW CL A 2 12	DIA 12"	16	0.50	6.5	273		



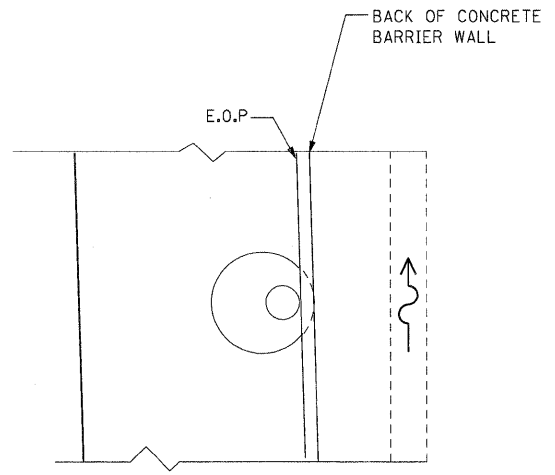




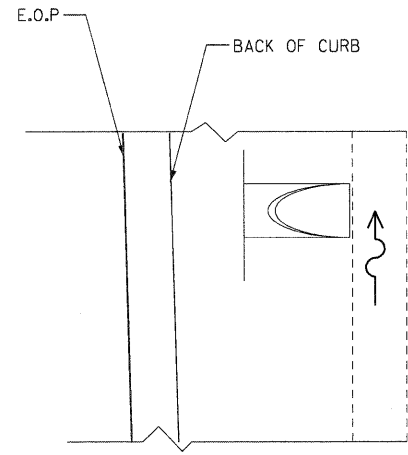




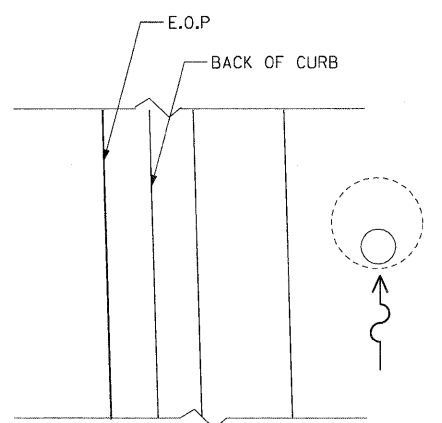
**PLAN VIEW**  
**MANHOLE IN SHOULDER WITH GUARDRAIL**



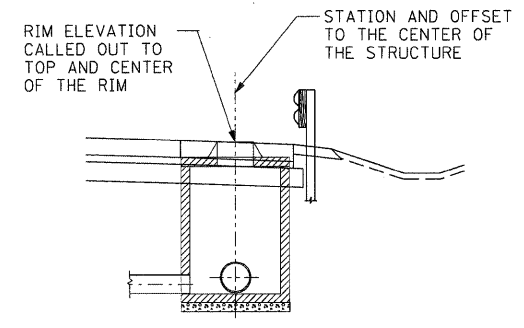
**PLAN VIEW**  
**INLET AND CATCH BASIN IN SHOULDER WITH CONCRETE BARRIER WALL**



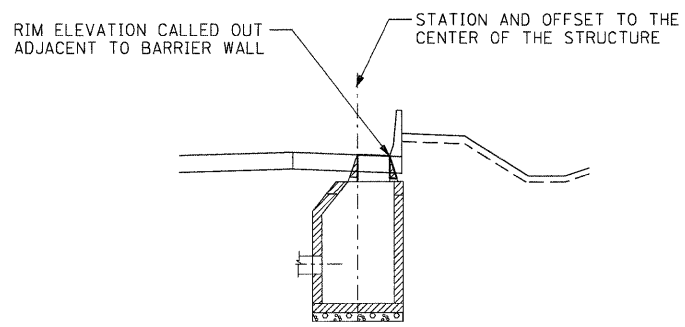
**PLAN VIEW**  
**FLARED END SECTION**



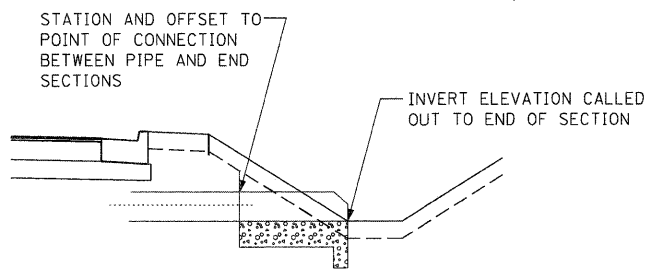
**PLAN VIEW**  
**INLET AND CATCH BASIN IN DITCH**



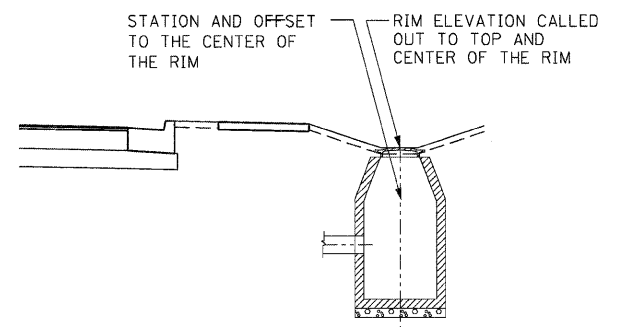
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**MANHOLE IN SHOULDER WITH GAURDRAIL (CONE AND FLAT SLAB TOP SECTIONS)**



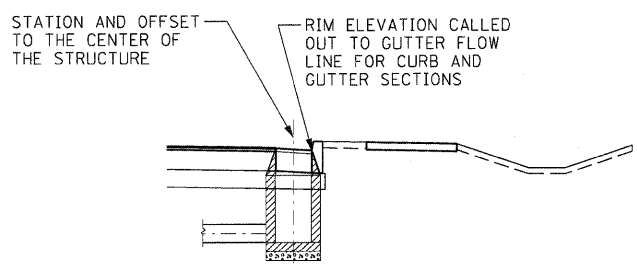
**SECTION**  
**INLET AND CATCH BASIN IN SHOULDER WITH CONCRETE BARRIER WALL**



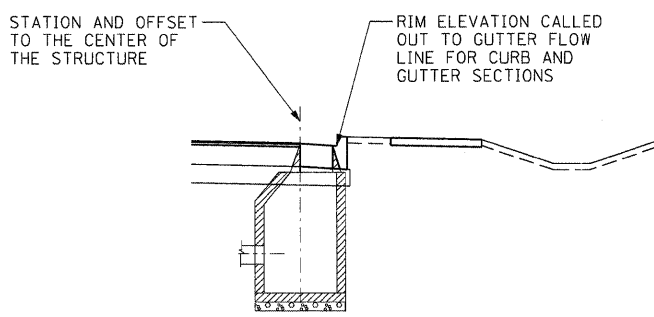
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**FLARED END SECTION**



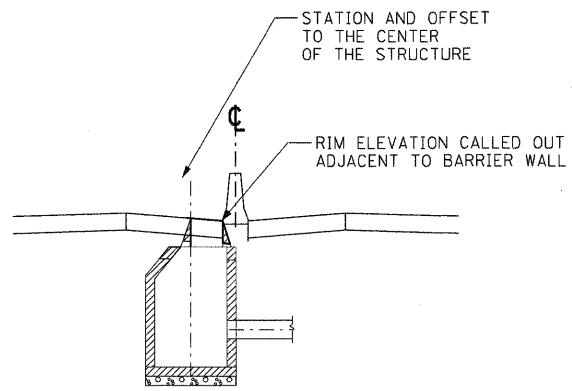
**ELEVATION**  
**INLET AND CATCH BASIN IN DITCH OR SWALE**



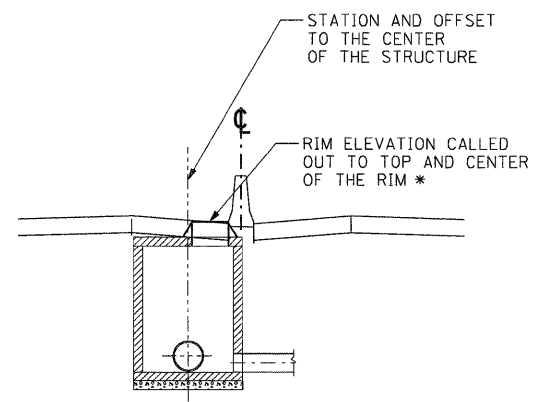
**ELEVATION**  
**INLET WITH CURB AND GUTTER**



**ELEVATION**  
**CATCH BASIN WITH CURB AND GUTTER (CONE AND FLAT SLAB TOP SECTIONS)**



**ELEVATION**  
**CATCH BASIN AND INLET IN MEDIAN**

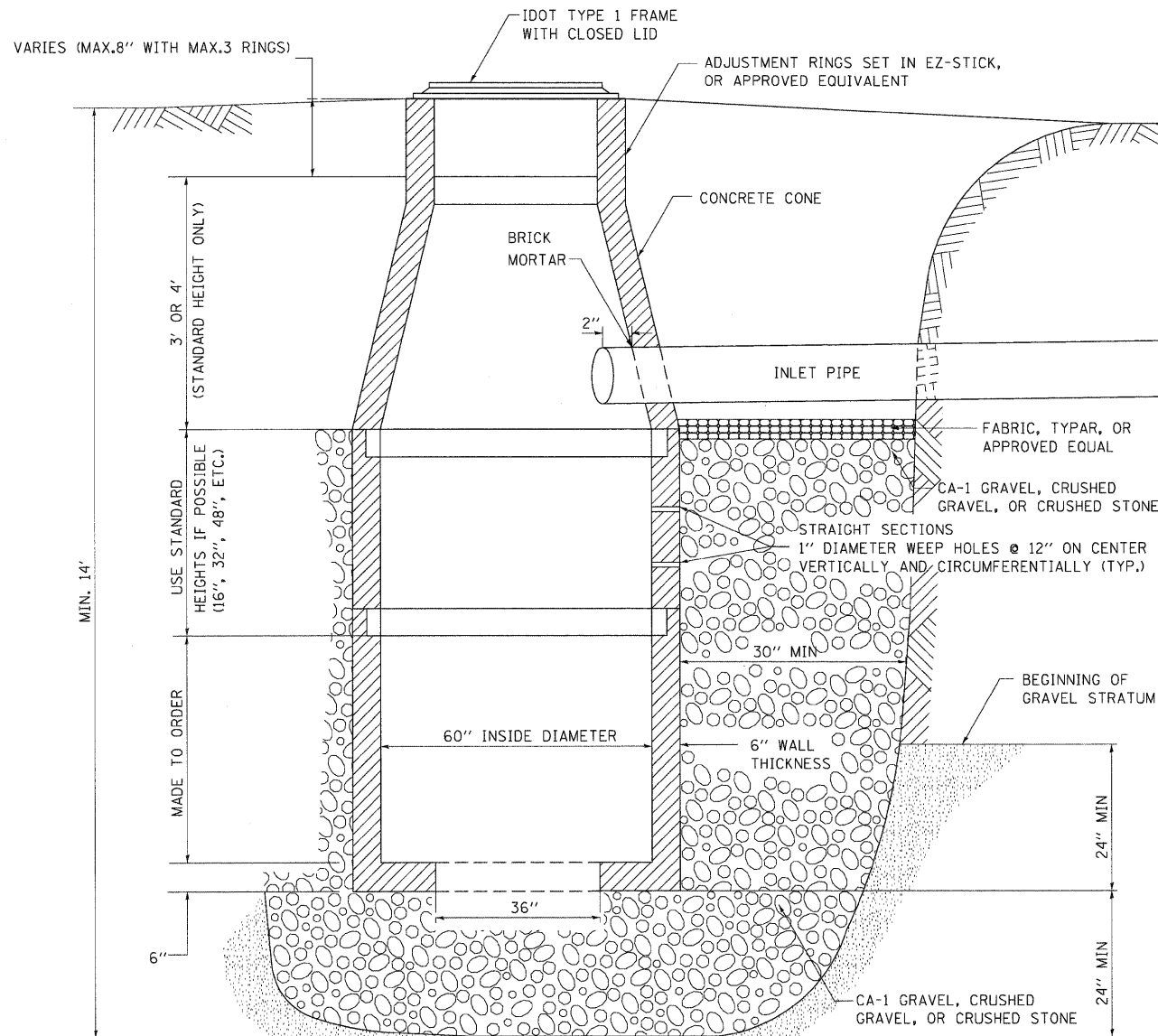


**ELEVATION**  
**MANHOLE IN MEDIAN (CONE AND FLAT SLAB TOP SECTIONS)**

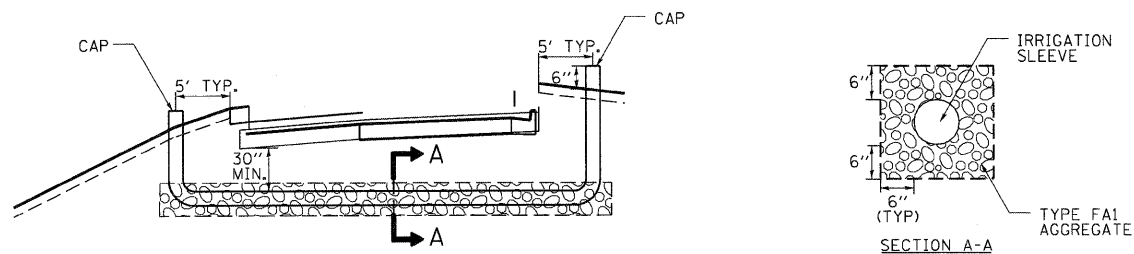
\* FRAME & LIDS TO BE ORIENTED ADJACENT TO BARRIER WALL

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

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	PLOT DATE = #DATE#	CHECKED - TKL	REVISED -							FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT		
		DATE - 12/16/11	REVISED -							FED. AID PROJECT		



**DRY WELL**



**IRRIGATION SLEEVE DETAIL**

**IRRIGATION SLEEVE NOTES**

IRRIGATION SLEEVES SHALL BE PLACED A MINIMUM OF 30 INCHES BELOW THE BOTTOM OF THE PROPOSED SUBGRADE.  
 IRRIGATION SLEEVES SHALL CONSIST OF 6" PVC PIPE, SCHEDULE 80 AND SHALL MEET THE REQUIREMENTS OF ARTICLE 1040.03 OF THE STANDARD SPECIFICATIONS.  
 FINE AGGREGATE SHALL MEET THE REQUIREMENTS FOR SAND BACKFILL FOR UNDERDRAINS ACCORDING TO ARTICLE 1003.04 OF THE STANDARD SPECIFICATIONS.

**NOTES:**

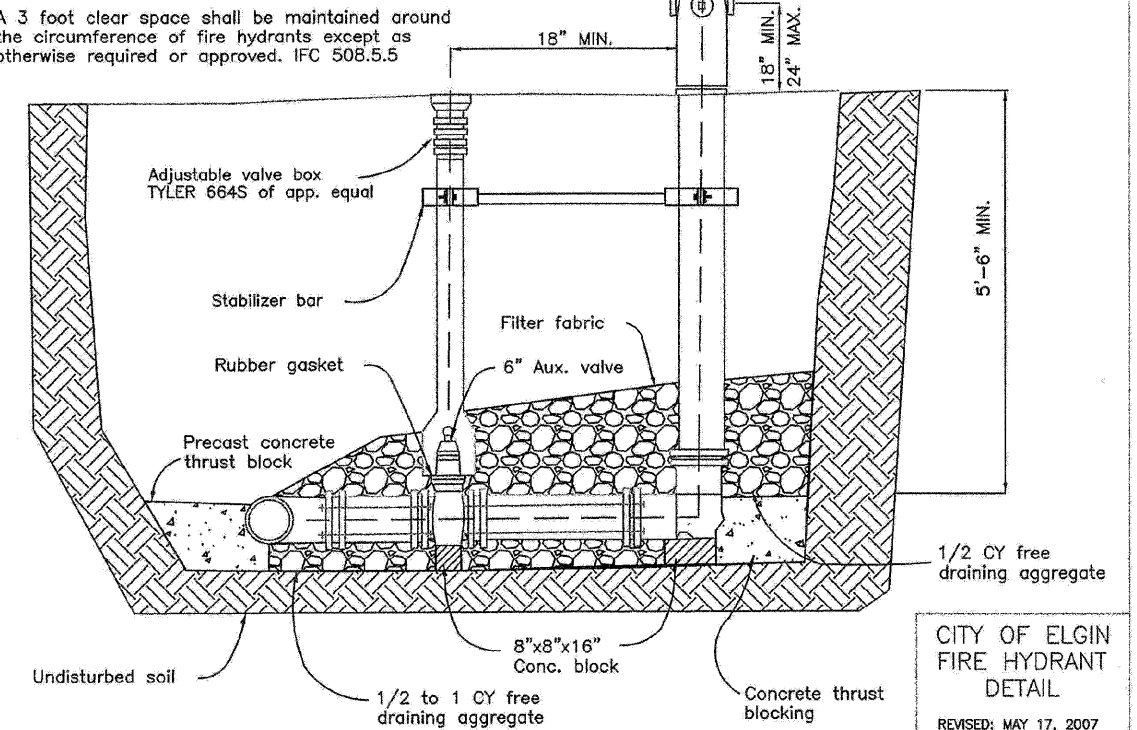
1. LOCAL SOIL CONDITIONS MAY NECESSITATE A DEEPER EXCAVATION TO PENETRATE GRANULAR SUBSOIL.
2. ALL DRYWELLS SHALL BE PRECEDED BY A CATCH BASIN.
3. THE CATCH BASIN RIM SHALL BE RAISED 6" TO 12" ABOVE THE SURROUNDING GRADE FOR GRASSY AREAS ONLY.

Any mechanical joints to be Mega-Lug retained

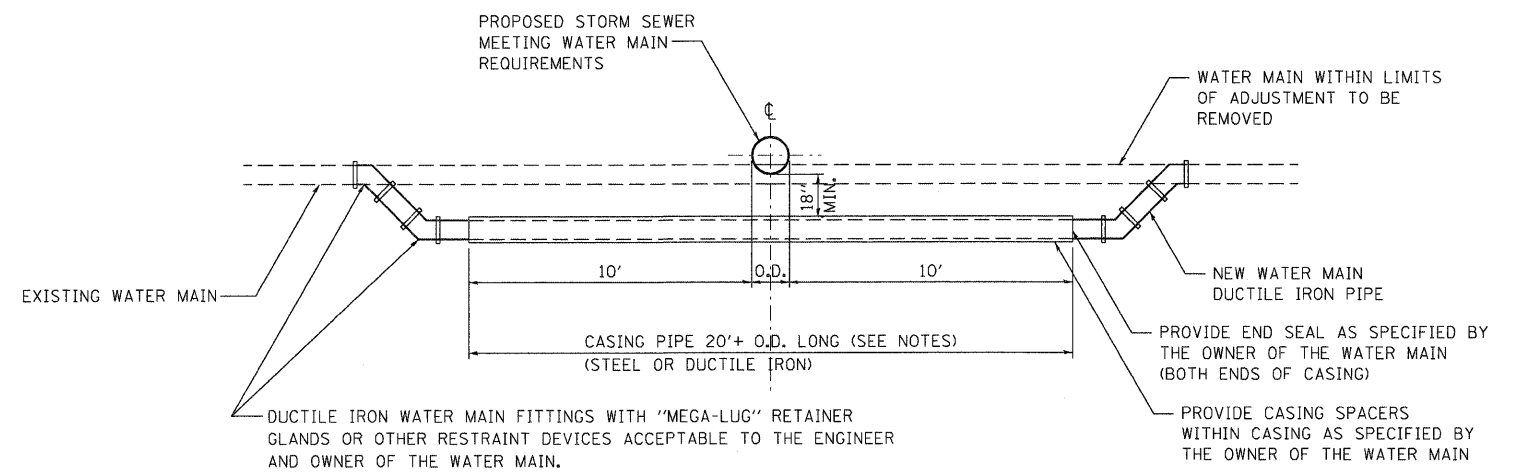
Auxiliary valve to include epoxy coated body resilient wedge gate valve and stainless steel hardware with non-rising stem

A 3 foot clear space shall be maintained around the circumference of fire hydrants except as otherwise required or approved. IFC 508.5.5

Hydrant to be US PIPE MODEL 94 only in International Orange per AWWA with all optional features. Chains to be removed.



**CITY OF ELGIN  
FIRE HYDRANT  
DETAIL**  
REVISED: MAY 17, 2007



**WATER MAIN ADJUSTMENT DETAIL**

**WATER MAIN CROSSING NOTES**

WATER MAIN PIPE JOINTS LOCATED WITHIN THE CASING PIPE SHALL BE RESTRAINED AS SPECIFIED BY THE OWNER OF THE WATER MAIN  
 WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL SEPARATION OF 18 INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN  
 CASING PIPE SHALL BE REQUIRED WHERE PROPOSED STORM SEWER DOES NOT MEET WATER MAIN REQUIREMENTS.

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**  
FAP ROUTE 345 / US ROUTE 20

**DRAINAGE DETAILS - IV  
DRY WELL, FIRE HYDRANT AND  
WATER MAIN ADJUSTMENT**

F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 284
CONTRACT NO. 60H45				

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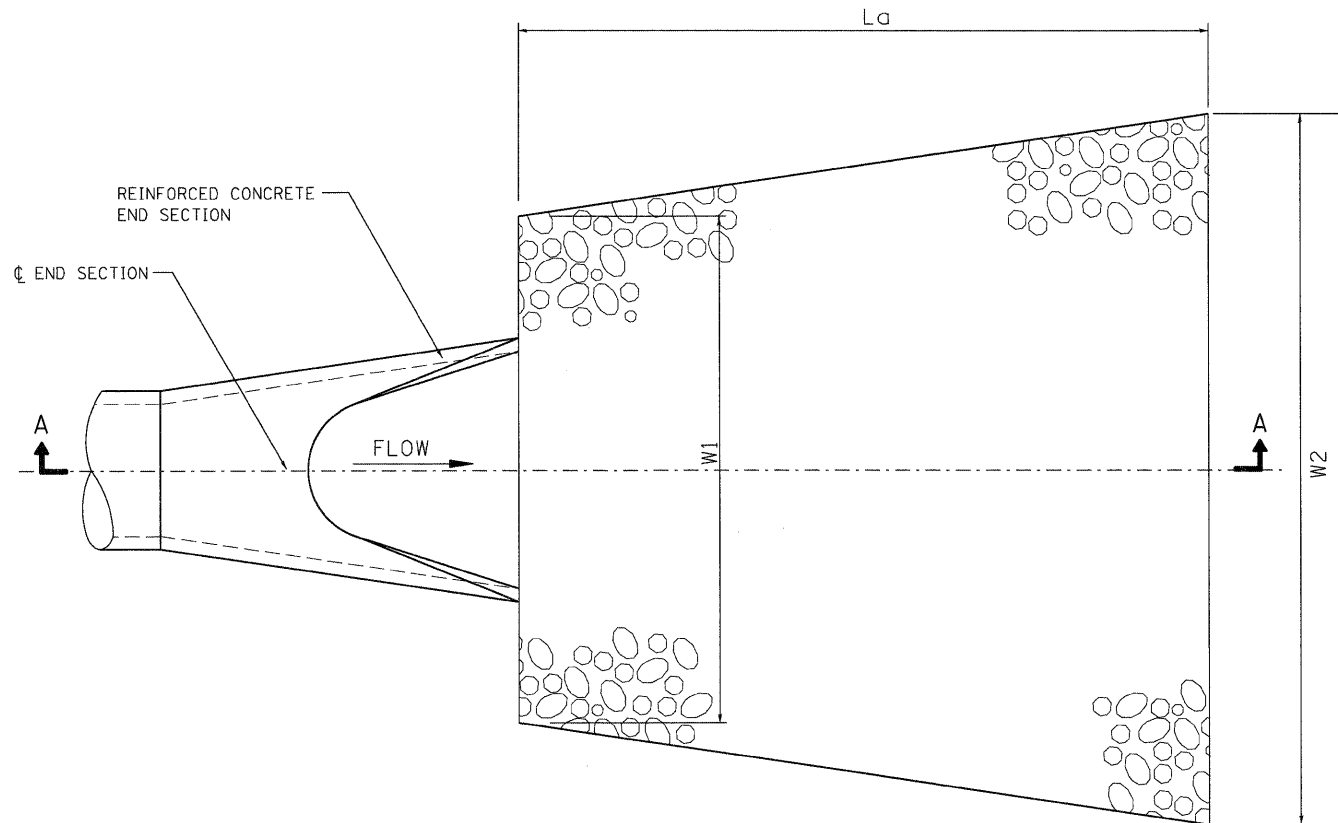
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TENG & ASSOCIATES, INC.  
ENGINEERS/ARCHITECTS/PLANNERS  
CHICAGO, ILLINOIS

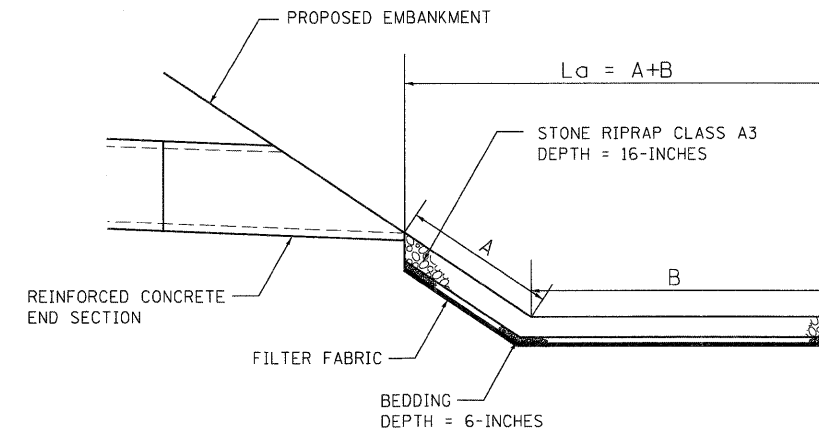
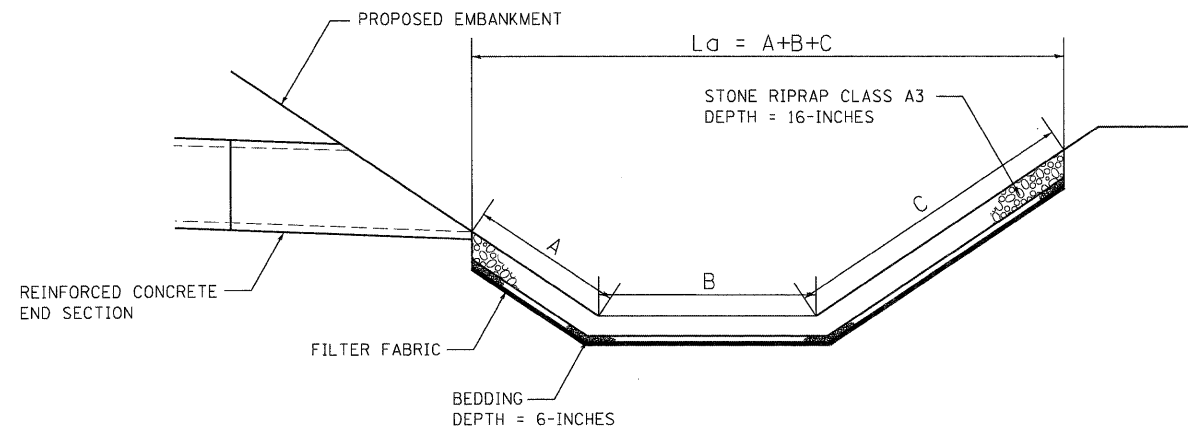
SCALE: N.T.S. SHEET NO. OF STA. TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT



**RIPRAP APRON DIMENSIONS**

STRUCTURE ID	STATION	OFFSET	FES SIZE (IN)	OUTLETTING TO	WIDTH US W1 (FEET)	WIDTH DS W2 (FEET)	LENGTH A (FEET)	LENGTH B (FEET)	LENGTH C (FEET)	TOTAL LENGTH $L_a$ (FEET)	RIPRAP AREA (SQ YD)
351	123+70.00	57.6 RT	12	Ditch	3.3	6.8	4.3	2.0	4.0	10.3	6
394	38+07.88	66.1 RT	12	Det Basin	3.3	7.0	6.0	5.0		11.0	6
410	1+80.09	33.9 RT	12	Det Basin	3.3	7.3	2.0	10.0		12.0	7
133	16+21.69	48.0 RT	18	Det Basin	4.9	10.3	6.0	10.0		16.0	13
300	04+51.86	53.0 RT	18	Det Basin	4.9	11.6	12.0	8.0		20.0	18
336	35+09.45	79.4 RT	18	Det Basin	4.9	11.6	10.0	10.0		20.0	18
376	134+00.00	58.2 RT	18	Ditch	4.9	8.9	4.9	2.0	5.0	11.9	9
129	73+80.00	75.3 LT	24	Ditch	6.5	8.9	2.3	5.0		7.3	6
131	73+80.00	8.6 RT	24	Ditch	6.5	8.9	1.0	4.0	2.1	7.1	6
144	73+81.01	79.9 RT	24	Ditch	6.5	9.3	1.5	4.0	3.0	8.5	7
171	66+01.66	5.5 RT	24	Ditch	6.5	8.8	1.0	4.0	2.0	6.9	6
331	03+68.75	46.3 RT	24	Det Basin	6.5	11.2	4.0	10.0		14.0	14
348	121+20.00	62.6 RT	24	Ditch	6.5	9.9	2.3	2.0	6.0	10.3	9
373	131+20.00	53.8 RT	24	Ditch	6.5	10.2	3.1	2.0	6.0	11.1	10
821	72+28.59	200.0 LT	24	Det Basin	6.5	14.0	12.5	10.0		22.5	26
900	76+26.82	181.8 RT	24	Det Basin	6.5	13.2	10.0	10.0		20.0	22



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAP ROUTE 345 / US ROUTE 20

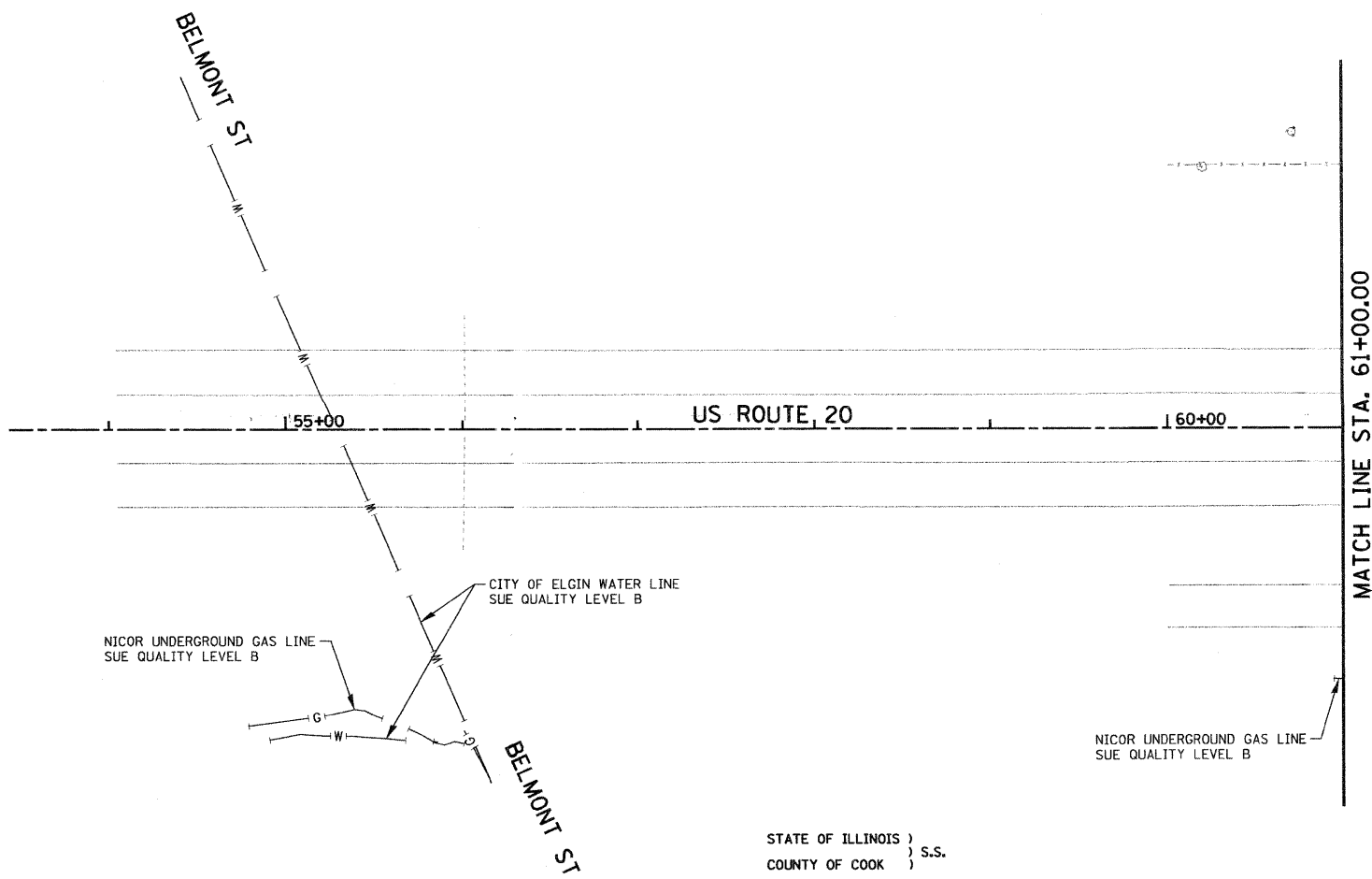
DRAINAGE DETAILS - V  
 RIPRAP APRON

F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 285
CONTRACT NO. 60H45				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

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

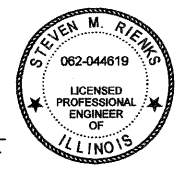
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**NOTES:**  
 1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL B DESIGNATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.

STATE OF ILLINOIS ) S.S.  
 COUNTY OF COOK )  
 UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.  
 FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.  
 Steven M. Rienks  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



**LEGEND**

—T—	EXISTING UNDERGROUND TELEPHONE
—W—	EXISTING UNDERGROUND WATER
—E—	EXISTING UNDERGROUND ELECTRIC
—G—	EXISTING UNDERGROUND GAS
—CTV—	EXISTING UNDERGROUND CABLE TV
—FO—	EXISTING UNDERGROUND FIBER OPTIC
—SS—	EXISTING UNDERGROUND SANITARY SEWER
EOI	END OF SURFACE GEOPHYSICAL INFORMATION

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS ENGINEERS  
 GEODESISTS MAPPING SCIENTISTS  
 Chicago 312-277-2000 / Fax 312-277-2002  
 Dixon 815-288-6231 / Fax 815-288-6277  
 Aurora 603-897-4105 / Fax 630-897-4121  
 Illinois Professional Design Firm No. 184-003192

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

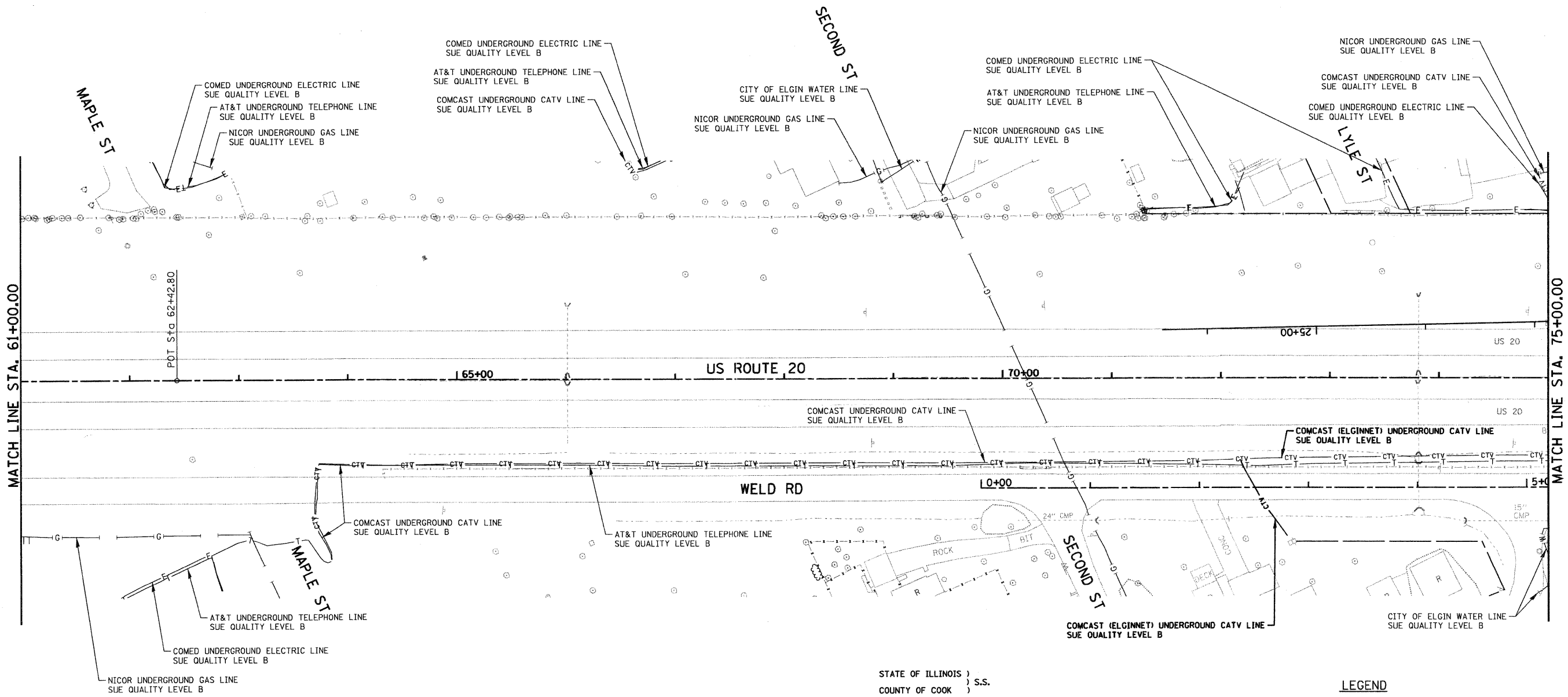
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**SUB-SURFACE UTILITY ENGINEERING**  
**U.S. ROUTE 20**

SCALE: 1"=50'      SHEET NO. 1 OF 13 SHEETS      STA. 55+00.00 TO STA. 61+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-R	KANE	794	286
CONTRACT NO. 60H45				
FED. ROAD DIST. NO.    ILLINOIS FED. AID PROJECT				



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

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.

*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



**LEGEND**

— T —	EXISTING UNDERGROUND TELEPHONE
— W —	EXISTING UNDERGROUND WATER
— E —	EXISTING UNDERGROUND ELECTRIC
— G —	EXISTING UNDERGROUND GAS
— CTV —	EXISTING UNDERGROUND CABLE TV
— CTV —	UPDATED EXISTING UNDERGROUND CABLE TV
— FO —	EXISTING UNDERGROUND FIBER OPTIC
— S —	EXISTING UNDERGROUND SANITARY SEWER
EOI	END OF SURFACE GEOPHYSICAL INFORMATION

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS - ENGINEERS  
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 Chicago 312-277-2000 / Fax 312-277-2002  
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 Illinois Professional Design Firm No. 184-003192

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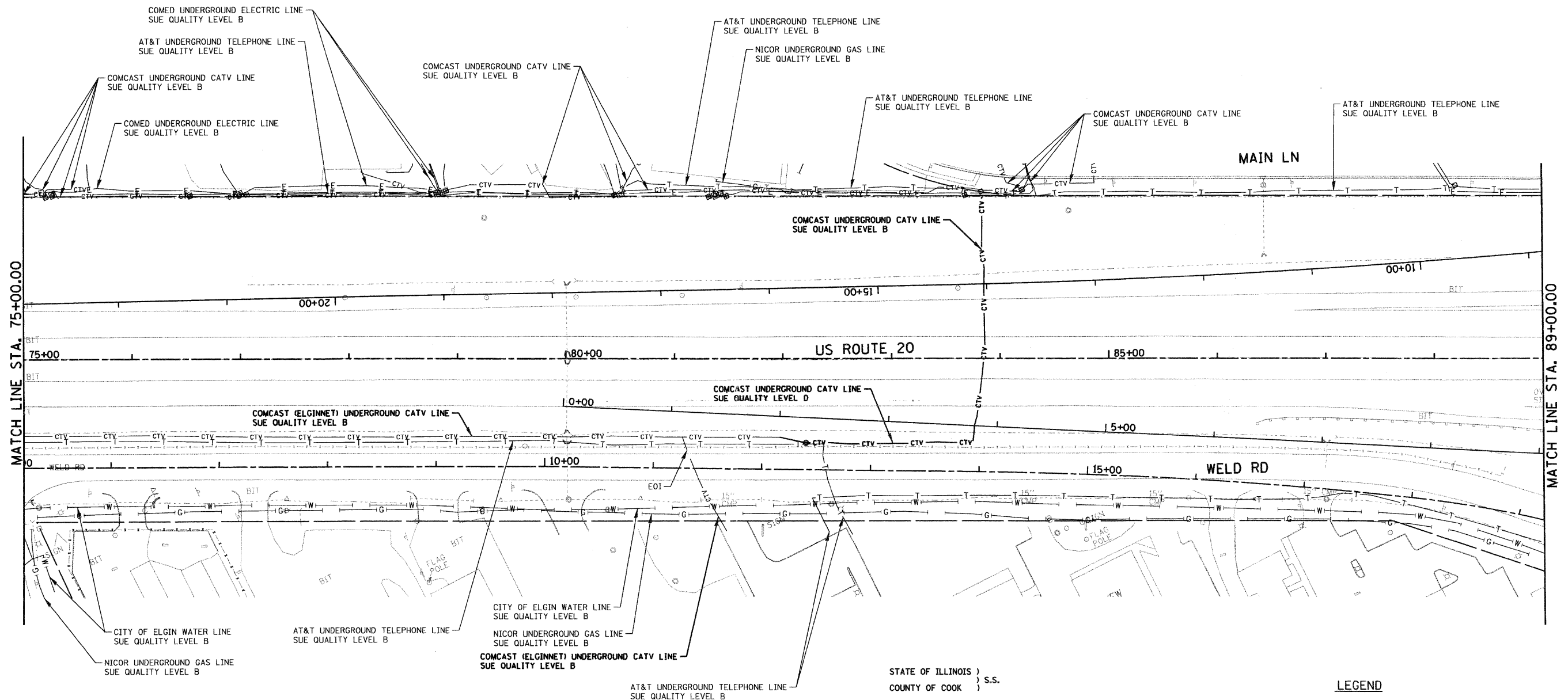
**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

DESIGNED - <b>designed</b>	REVISED -
DRAWN - <b>drawn</b>	REVISED -
CHECKED - <b>checked</b>	REVISED -
DATE - <b>&gt;DAT01</b>	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**SUB-SURFACE UTILITY ENGINEERING**  
**U.S. ROUTE 20**  
 SCALE: 1"=50' SHEET NO. 2 OF 13 SHEETS STA. 61+00.00 TO STA. 75+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	287
CONTRACT NO. 60H45				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

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IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.

*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



**LEGEND**

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- CTV — UPDATED EXISTING UNDERGROUND CABLE TV
- FO — EXISTING UNDERGROUND FIBER OPTIC
- EOI — EXISTING UNDERGROUND SANITARY SEWER
- EOI — END OF SURFACE GEOPHYSICAL INFORMATION

**NOTES:**

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL B DESIGNATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS - ENGINEERS  
 GEODESISTS - MAPPING SCIENTISTS  
 Chicago 312-277-2000 / Fax 312-277-2002  
 Diverse 815-298-6231 / Fax 815-298-6277  
 Aurora 603-997-4105 / Fax 630-997-4121  
 Illinois Professional Design Firm No. 184-003192

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 USER NAME = USER\*

DESIGNED - designed  
 DRAWN - drawn  
 CHECKED - checked  
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REVISED -  
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**SUB-SURFACE UTILITY ENGINEERING**  
**U.S. ROUTE 20**

SCALE: 1"=50' SHEET NO. 3 OF 13 SHEETS STA. 75+00.00 TO STA. 89+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-R	KANE	794	288
CONTRACT NO. 60H45				





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

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE, IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

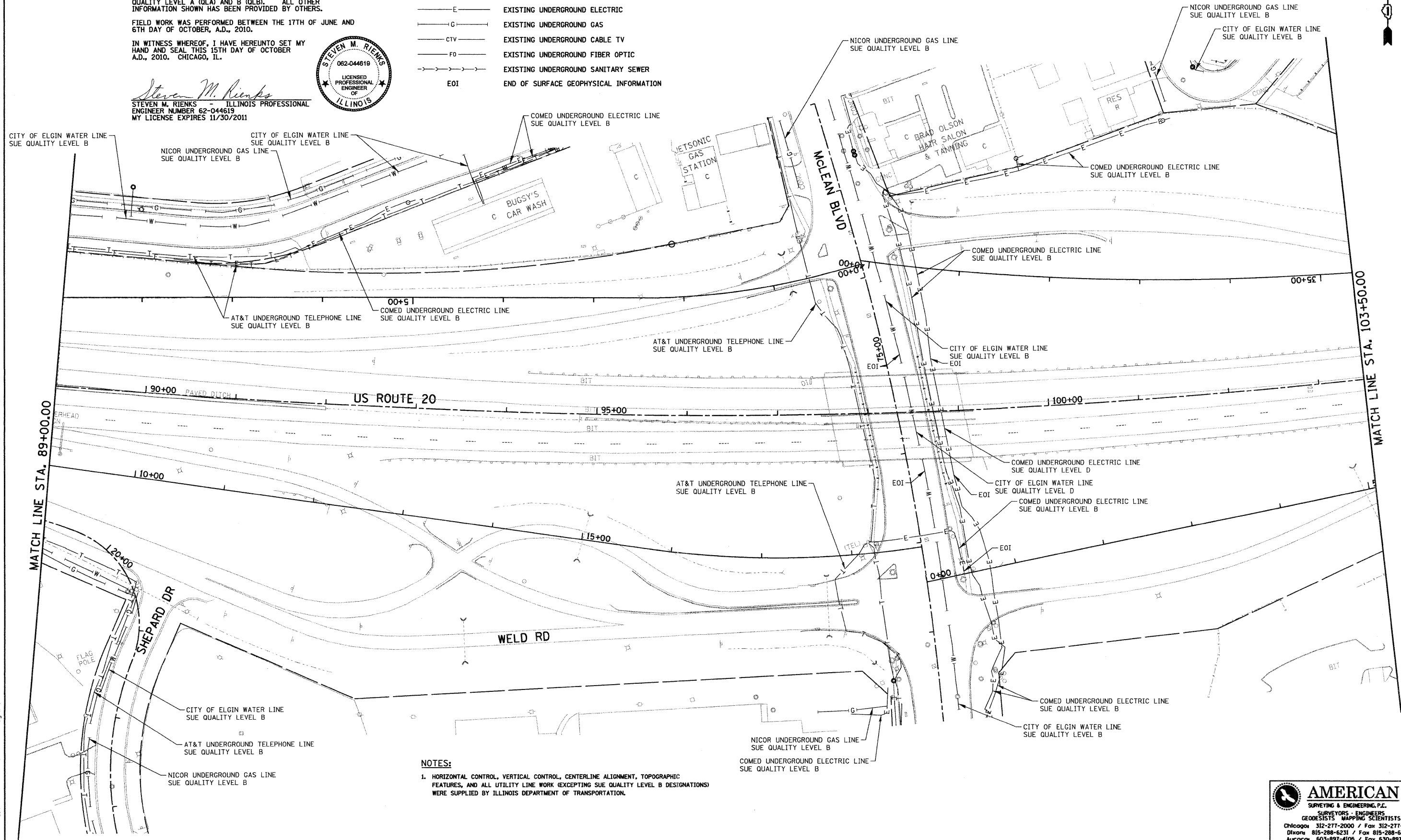
IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.

*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



**LEGEND**

- T— EXISTING UNDERGROUND TELEPHONE
- W— EXISTING UNDERGROUND WATER
- E— EXISTING UNDERGROUND ELECTRIC
- G— EXISTING UNDERGROUND GAS
- CTV— EXISTING UNDERGROUND CABLE TV
- FO— EXISTING UNDERGROUND FIBER OPTIC
- >>> EXISTING UNDERGROUND SANITARY SEWER
- EOI END OF SURFACE GEOPHYSICAL INFORMATION



**NOTES:**

1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL B DESIGNATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.

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DATE - >DAT01	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAP ROUTE 345 / US ROUTE 20

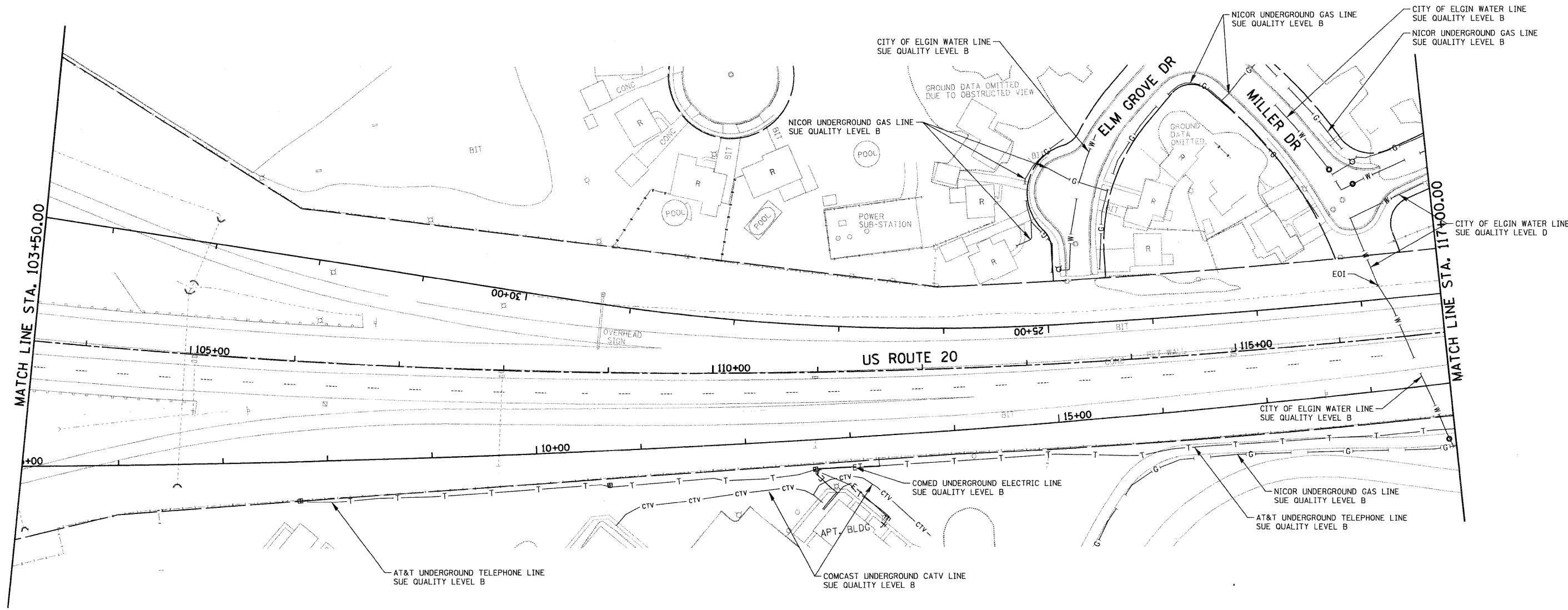
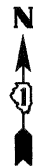
**SUB-SURFACE UTILITY ENGINEERING  
 U.S. ROUTE 20**

SCALE: 1"=50' SHEET NO. 4 OF 13 SHEETS STA. 89+00.00 TO STA. 103+50.00

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS - ENGINEERS  
 GEODESISTS - MAPPING SCIENTISTS  
 Chicago 312-277-2000 / Fax 312-277-2002  
 Dixon 815-288-6231 / Fax 815-288-6277  
 Aurora 603-897-4105 / Fax 630-897-4121  
 Illinois Professional Design Firm No. 184-003192

F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 289
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

\*\*\*\*\*\ist...name\*\*\*\*\*  
 \*\*\*\*\*date...time\*\*\*\*\*  
 \*\*\*\*\*user...\*\*\*\*\*



**NOTES:**  
 1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL B DESIGNATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.

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

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HERETO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.

*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



**LEGEND**

—T—	EXISTING UNDERGROUND TELEPHONE
—W—	EXISTING UNDERGROUND WATER
—E—	EXISTING UNDERGROUND ELECTRIC
—G—	EXISTING UNDERGROUND GAS
—CTV—	EXISTING UNDERGROUND CABLE TV
—FO—	EXISTING UNDERGROUND FIBER OPTIC
—S—	EXISTING UNDERGROUND SANITARY SEWER
EOI	END OF SURFACE GEOPHYSICAL INFORMATION

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS - ENGINEERS  
 GEODESISTS - MAPPING SCIENTISTS  
 Chicago 312-277-2000 / Fax 312-277-2002  
 Dixon 815-288-6231 / Fax 815-288-6277  
 Aurora 603-897-4105 / Fax 630-897-4121  
 Illinois Professional Design Firm No. 184-003192

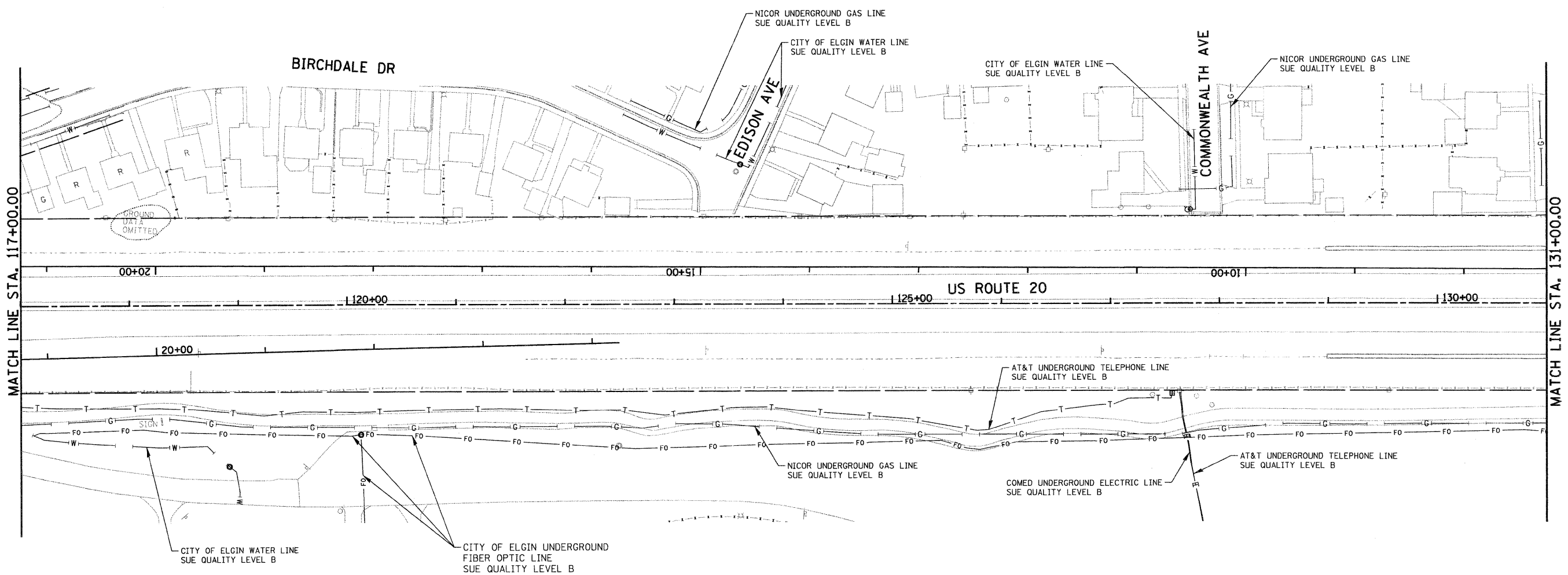
**TENG** & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**SUB-SURFACE UTILITY ENGINEERING**  
**U.S. ROUTE 20**  
 SCALE: 1"=50' SHEET NO. 5 OF 13 SHEETS STA. 103+50.00 TO STA. 117+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-R	KANE	794	290
CONTRACT NO. 60H45				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**NOTES:**

- HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL B DESIGNATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.

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

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.

*Steven M. Riems*  
 STEVEN M. RIEMS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



**LEGEND**

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- FO — EXISTING UNDERGROUND FIBER OPTIC
- S — EXISTING UNDERGROUND SANITARY SEWER
- EOI END OF SURFACE GEOPHYSICAL INFORMATION

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS - ENGINEERS  
 GEODESISTS - MAPPING SCIENTISTS  
 Chicago 312-277-2000 / Fax 312-277-2002  
 Dixon 815-288-6231 / Fax 815-288-6277  
 Aurora 630-897-4105 / Fax 630-897-4121  
 Illinois Professional Design Firm No. 184-003192

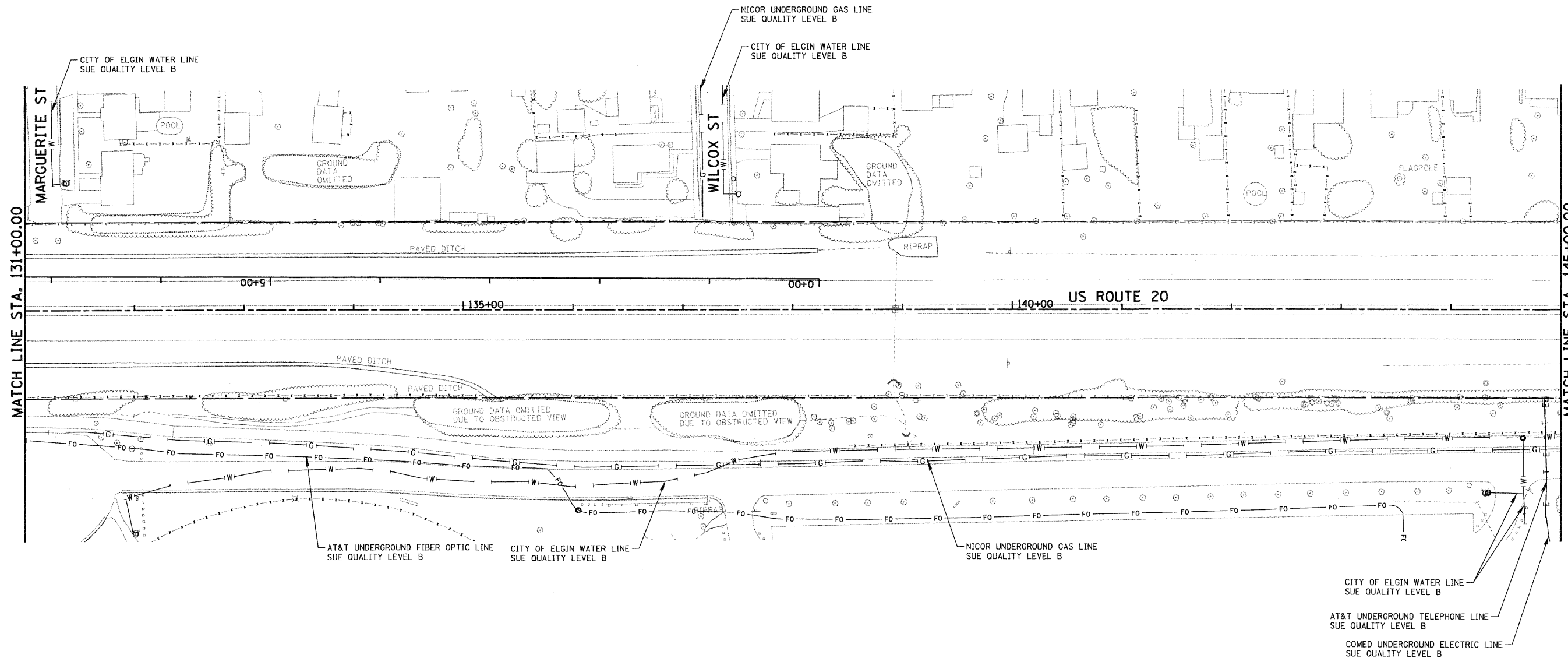
**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

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		DATE - >DAT01	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**SUB-SURFACE UTILITY ENGINEERING**  
**U.S. ROUTE 20**  
 SCALE: 1"=50' SHEET NO. 6 OF 13 SHEETS STA. 117+00.00 TO STA. 131+00.00

F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 291
CONTRACT NO. 60H45		ILLINOIS FED. AID PROJECT		



**NOTES:**

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

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.

*Steven M. Rienks*  
STEVEN M. RIENKS  
ILLINOIS PROFESSIONAL  
ENGINEER NUMBER 62-044619  
MY LICENSE EXPIRES 11/30/2011



**LEGEND**

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- FO — EXISTING UNDERGROUND FIBER OPTIC
- S — EXISTING UNDERGROUND SANITARY SEWER
- EOI END OF SURFACE GEOPHYSICAL INFORMATION

**AMERICAN**  
SURVEYING & ENGINEERING, P.C.  
SURVEYORS - ENGINEERS  
GEODESISTS - MAPPING SCIENTISTS  
Chicago 312-277-2000 / Fax 312-277-2002  
Dixon 815-288-6231 / Fax 815-288-6277  
Aurora 630-997-4105 / Fax 630-897-4121  
Illinois Professional Design Firm No. 184-003192

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

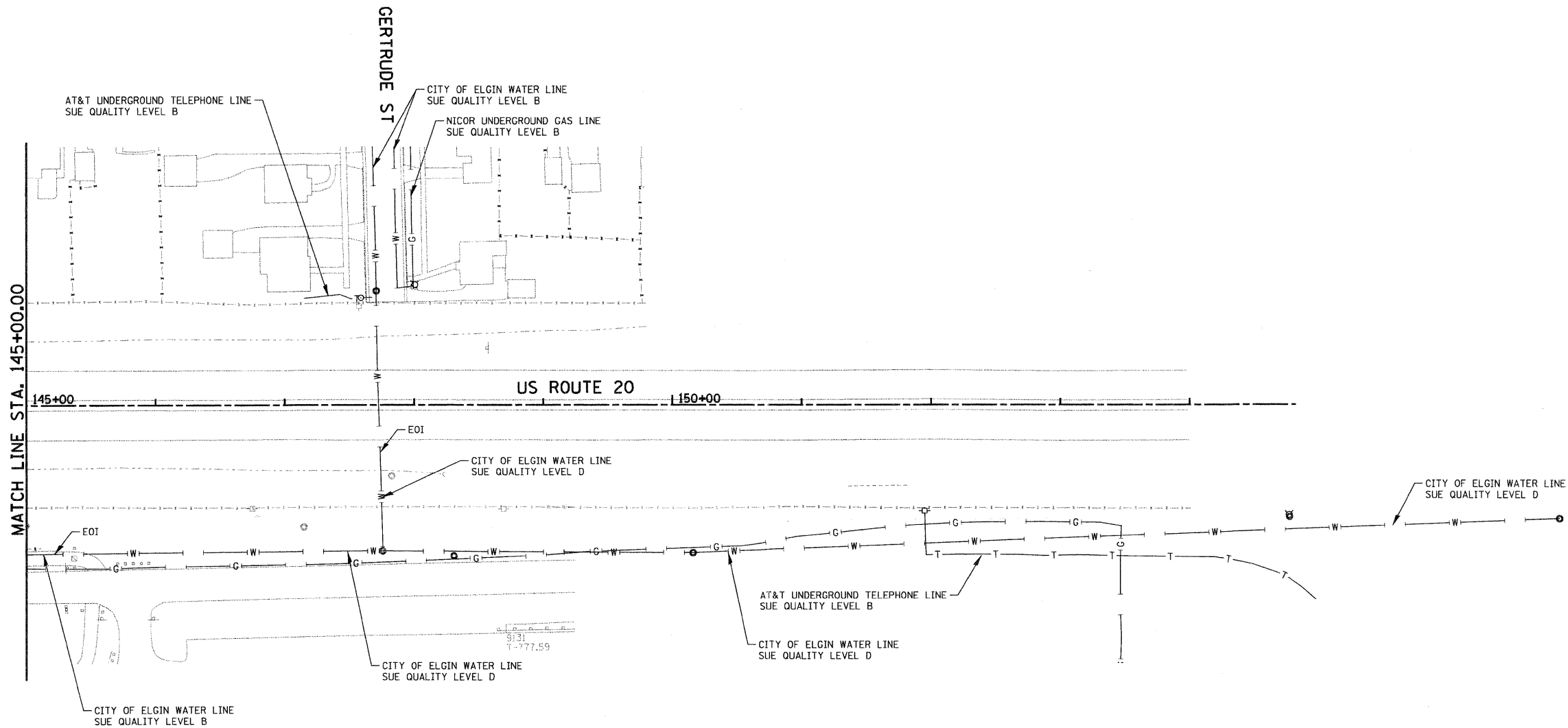
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		DATE - >DAT01	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
FAP ROUTE 345 / US ROUTE 20

**SUB-SURFACE UTILITY ENGINEERING**  
**U.S. ROUTE 20**

SCALE: 1"=50' SHEET NO. 7 OF 13 SHEETS STA. 131+00.00 TO STA. 145+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-R	KANE	794	292
CONTRACT NO. 60H45				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HERELUNTO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER, A.D., 2010. CHICAGO, IL.

*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



**LEGEND**

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- FO — EXISTING UNDERGROUND FIBER OPTIC
- S — EXISTING UNDERGROUND SANITARY SEWER
- EOI END OF SURFACE GEOPHYSICAL INFORMATION

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS • ENGINEERS  
 GEODESISTS • MAPPING SCIENTISTS  
 Chicago 312-277-2000 / Fax 312-277-2002  
 Dixon 815-288-6231 / Fax 815-288-6277  
 Aurora 603-897-4105 / Fax 630-897-4121  
 Illinois Professional Design Firm No. 184-003192

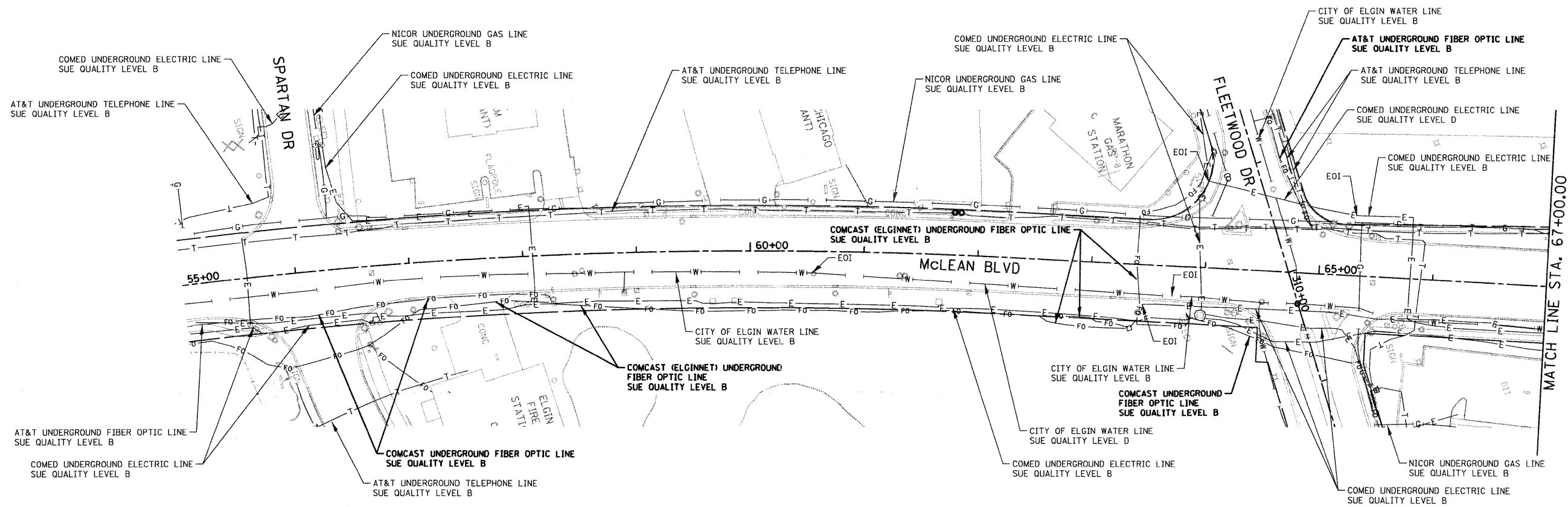
**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**SUB-SURFACE UTILITY ENGINEERING**  
**U.S. ROUTE 20**  
 SCALE: 1"=50'  
 SHEET NO. 8 OF 13 SHEETS  
 STA. 145+00.00 TO STA. 154+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	293
CONTRACT NO. 60H45				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



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

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.

*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



**LEGEND**

— T —	EXISTING UNDERGROUND TELEPHONE
— W —	EXISTING UNDERGROUND WATER
— E —	EXISTING UNDERGROUND ELECTRIC
— G —	EXISTING UNDERGROUND GAS
— CTV —	EXISTING UNDERGROUND CABLE TV
— FO —	EXISTING UNDERGROUND FIBER OPTIC
— S —	EXISTING UNDERGROUND SANITARY SEWER
EOI	END OF SURFACE GEOPHYSICAL INFORMATION

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS - ENGINEERS  
 GEODESISTS - MAPPING SCIENTISTS  
 Chicago 312-277-2000 / Fax 312-277-2002  
 Dixon 815-288-6231 / Fax 815-288-6277  
 Aurora 603-897-4105 / Fax 630-897-4121  
 Illinois Professional Design Firm No. 184-003192

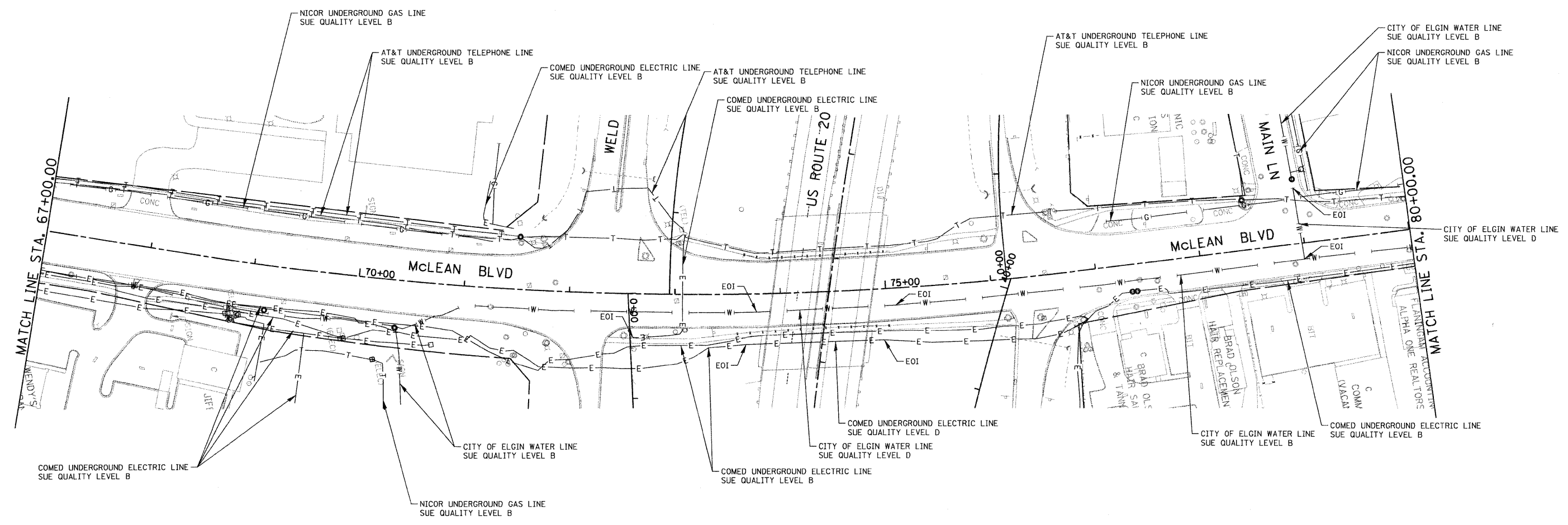
**TENG** TENG & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**SUB-SURFACE UTILITY ENGINEERING**  
**MCLEAN BOULEVARD**  
 SCALE: 1"=50' SHEET NO. 9 OF 13 SHEETS STA. 55+00.00 TO STA. 67+00.00

F.A.P. RTE. 345	SECTION BR-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 294
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 60H45



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

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.

*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



**LEGEND**

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- FO — EXISTING UNDERGROUND FIBER OPTIC
- S — EXISTING UNDERGROUND SANITARY SEWER
- EOI END OF SURFACE GEOPHYSICAL INFORMATION

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
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 Illinois Professional Design Firm No. 184-003192

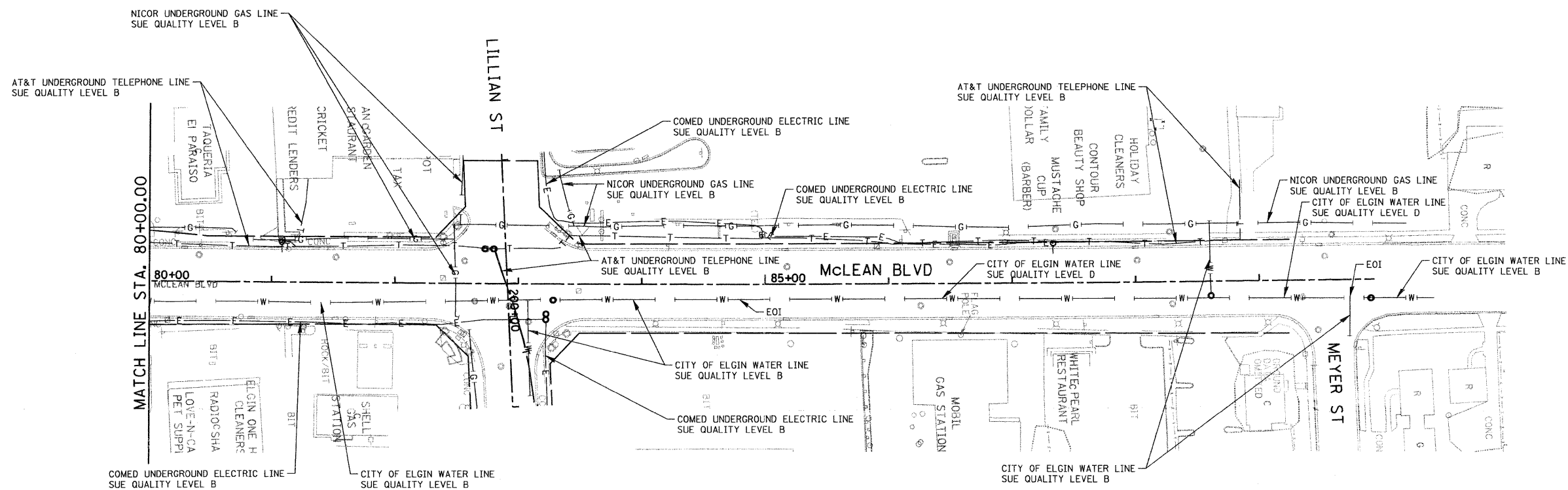
**TENG** & ASSOCIATES, INC.  
 ENGINEERS/ARCHITECTS/PLANNERS  
 CHICAGO, ILLINOIS

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**SUB-SURFACE UTILITY ENGINEERING**  
**MCLEAN BOULEVARD**  
 SCALE: 1"=50' SHEET NO. 10 OF 13 SHEETS STA. 67+00.00 TO STA. 80+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-R	KANE	794	295
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60H45	



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

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HERETO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.

*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



**LEGEND**

- T — EXISTING UNDERGROUND TELEPHONE
- W — EXISTING UNDERGROUND WATER
- E — EXISTING UNDERGROUND ELECTRIC
- G — EXISTING UNDERGROUND GAS
- CTV — EXISTING UNDERGROUND CABLE TV
- FO — EXISTING UNDERGROUND FIBER OPTIC
- S — EXISTING UNDERGROUND SANITARY SEWER
- EOI END OF SURFACE GEOPHYSICAL INFORMATION

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

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

FILE NAME = DISUE-SHT-SUEM03.dgn	USER NAME = #USER#	DESIGNED - designed	REVISED -
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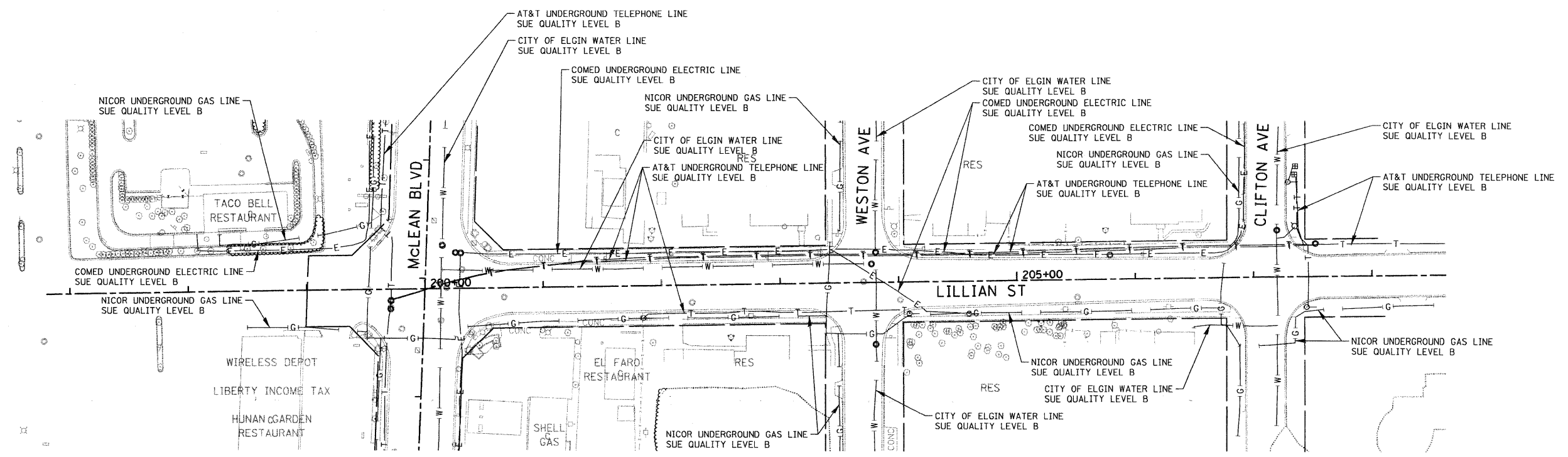
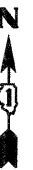
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAP ROUTE 345 / US ROUTE 20

SUB-SURFACE UTILITY ENGINEERING  
 MCLEAN BOULEVARD

SCALE: 1"=50' SHEET NO. 11 OF 13 SHEETS STA. 80+00.00 TO STA. 91+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	296
CONTRACT NO. 60H45				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





**NOTES:**  
 1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL B DESIGNATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.

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

UTILITY(IES) SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.

*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011



**LEGEND**

— T —	EXISTING UNDERGROUND TELEPHONE
— W —	EXISTING UNDERGROUND WATER
— E —	EXISTING UNDERGROUND ELECTRIC
— G —	EXISTING UNDERGROUND GAS
— CTV —	EXISTING UNDERGROUND CABLE TV
— FO —	EXISTING UNDERGROUND FIBER OPTIC
— S —	EXISTING UNDERGROUND SANITARY SEWER
EOI	END OF SURFACE GEOPHYSICAL INFORMATION

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS • ENGINEERS  
 GEODESISTS • MAPPING SCIENTISTS  
 Chicago 312-277-2000 / Fax 312-277-2002  
 Dixon 815-288-6231 / Fax 815-288-6277  
 Aurora 630-897-4105 / Fax 630-897-4121  
 Illinois Professional Design Firm No. 184-003192

**TENG**  
 TENG & ASSOCIATES, INC.  
 ENGINEERS-ARCHITECTS-PLANNERS  
 CHICAGO, ILLINOIS

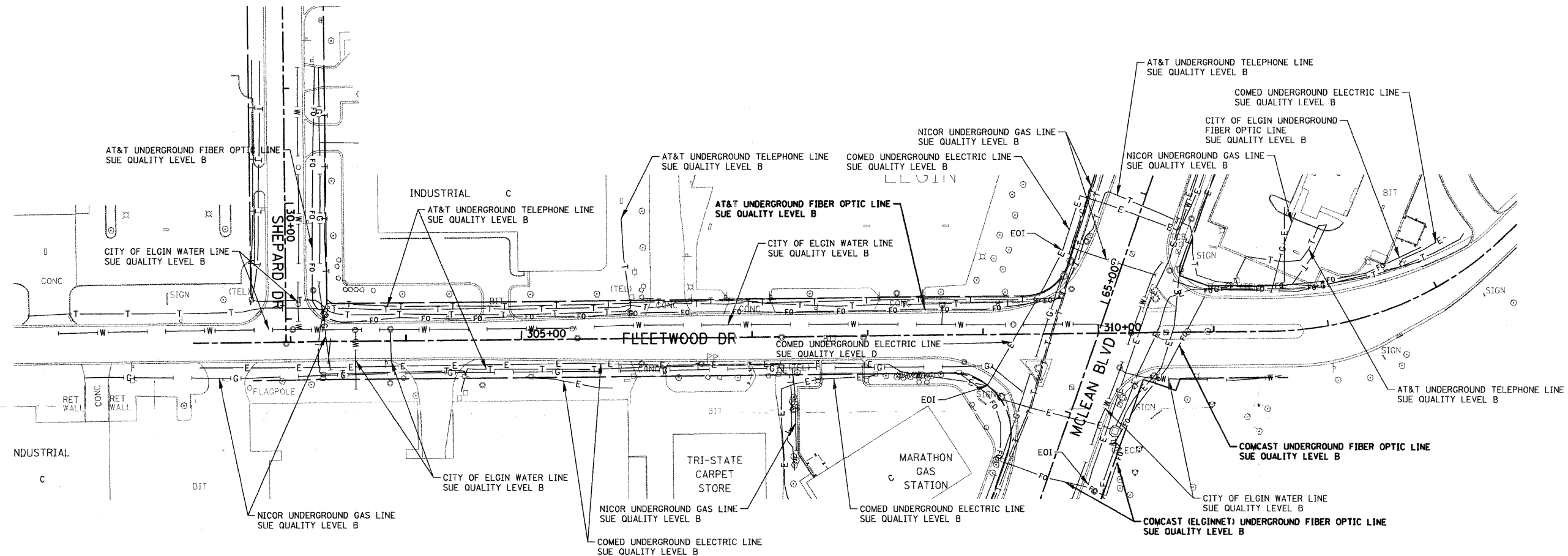
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		CHECKED - checked	REVISED -
		DATE - >DATE<	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**SUB-SURFACE UTILITY ENGINEERING**  
**LILLIAN STREET**

SCALE: 1"=50'  
 SHEET NO. 12 OF 13 SHEETS  
 STA. 198+30.00 TO STA. 207+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-R	KANE	794	297
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60H45	



**NOTES:**  
 1. HORIZONTAL CONTROL, VERTICAL CONTROL, CENTERLINE ALIGNMENT, TOPOGRAPHIC FEATURES, AND ALL UTILITY LINE WORK (EXCEPTING SUE QUALITY LEVEL B DESIGNATIONS) WERE SUPPLIED BY ILLINOIS DEPARTMENT OF TRANSPORTATION.

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

UTILITIES SHOWN HEREON HAVE BEEN INVESTIGATED BY ASE IN ACCORDANCE WITH SUE INDUSTRY STANDARDS QUALITY LEVEL A (QLA) AND B (QLB). ALL OTHER INFORMATION SHOWN HAS BEEN PROVIDED BY OTHERS.

FIELD WORK WAS PERFORMED BETWEEN THE 17TH OF JUNE AND 6TH DAY OF OCTOBER, A.D., 2010.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND SEAL THIS 15TH DAY OF OCTOBER A.D., 2010. CHICAGO, IL.



*Steven M. Rienks*  
 STEVEN M. RIENKS - ILLINOIS PROFESSIONAL ENGINEER NUMBER 62-044619  
 MY LICENSE EXPIRES 11/30/2011

**LEGEND**

— T —	EXISTING UNDERGROUND TELEPHONE
— W —	EXISTING UNDERGROUND WATER
— E —	EXISTING UNDERGROUND ELECTRIC
— G —	EXISTING UNDERGROUND GAS
— CTV —	EXISTING UNDERGROUND CABLE TV
— FO —	EXISTING UNDERGROUND FIBER OPTIC
— S —	EXISTING UNDERGROUND SANITARY SEWER
EOI	END OF SURFACE GEOPHYSICAL INFORMATION

**AMERICAN**  
 SURVEYING & ENGINEERING, P.C.  
 SURVEYORS · ENGINEERS  
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Chicago 312-277-2000 / Fax 312-277-2002  
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 Aurora 603-937-4105 / Fax 630-937-4121  
 Illinois Professional Design Firm No. 184-003192

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

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		DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/14/2010	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 FAP ROUTE 345 / US ROUTE 20

**SUB-SURFACE UTILITY ENGINEERING**  
**FLEETWOOD DRIVE**

SCALE: 1"=50'  
 SHEET NO. 13 OF 13 SHEETS  
 STA. 302+15.20 TO STA. 313+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-R	KANE	794	298
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60H45	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-R	KANE	794	299
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	60H45	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
**PLAT OF HIGHWAYS  
FOR PROPOSED  
FEDERAL AID HIGHWAY**

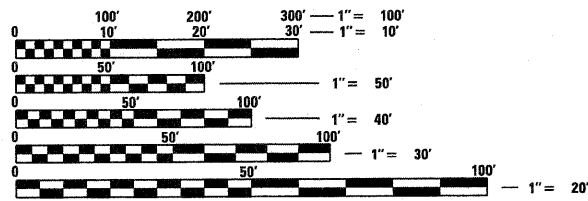
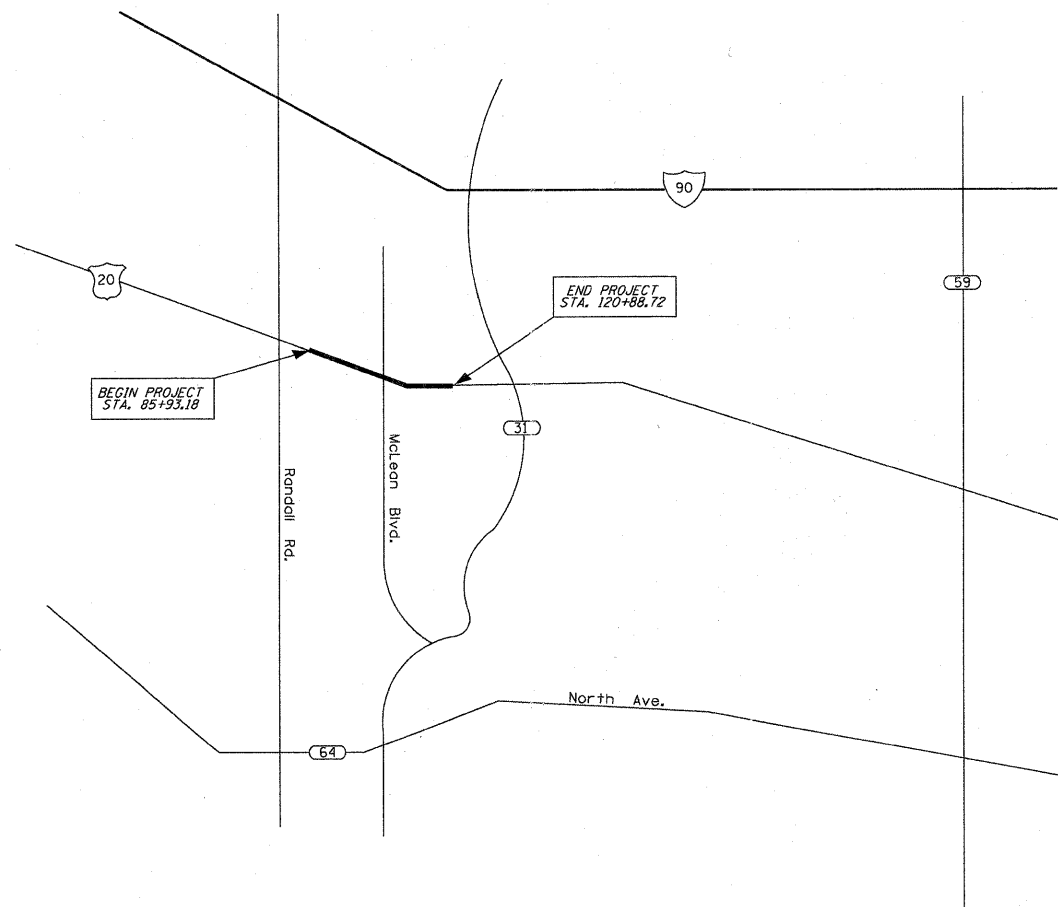
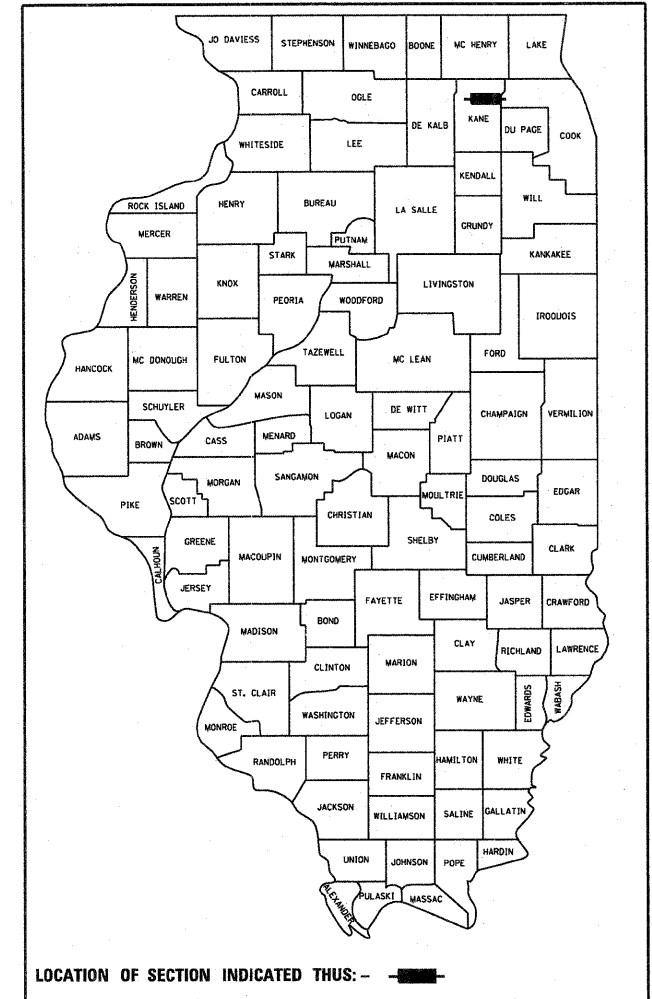
ROUTE: FAP 345 (US 20)

SECTION:

JOB NO. : R-91-017-01

COUNTY: KANE

LIMITS:



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.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER  
PROJECT MANAGER

CONTRACT NO.

**PROJECT LENGTH = 3495.54 L.F. = 0.66 MILES**

**RUETTIGER, TONELLI & ASSOCIATES, INC.**  
*Land Surveyors/Engineers/Planners/Landscape Architects/C.I.S. Consultants*  
2174 ONEIDA STREET  
JOLIET, ILLINOIS 60435  
PH. (815) 744-6600 FAX (815) 744-0101

APPROVED _____	20 _____
LOCAL AGENCY OFFICIAL	
APPROVED _____	20 _____
ENGINEER OF LAND ACQUISITION	
APPROVED _____	20 _____
ENGINEER OF LOCAL ROADS & STREETS	
APPROVED _____	20 _____
DISTRICT ENGINEER	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	

RECEIVED  
MAY 12 2011  
PLATS & LEGALS

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

PART OF THE NW 1/4 OF SECTION 22, TWP. 41 N., R.8 E. OF THE 3RD. P.M., IN KANE COUNTY, ILLINOIS.

PARCEL NUMBER	OWNER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	EASEMENT PURPOSE	PERMANENT INDEX NUMBER	PROPERTY ACQUIRED BY
1H60001		0.751	A-0.019 B-0.003 128 S.F.	N/A	0.729	0.049	N/A	CONST.	06-22-153-001 thru 06-22-153-005	
1H60002	HAMPTON, LENZINI & RENWICK, INC.	0.999	0.048	N/A	0.951	N/A	N/A	N/A	06-22-179-001	

\* TIGHE, KRESS & ORR III, LLC, UNDIVIDED 1/5 INTEREST;  
 GARY W. JENKINS, UNDIVIDED 1/5 INTEREST;  
 RALPH TIBERI AS TRUSTEE UNDER THE RALPH TIBERI DECLARATION OF TRUST DATED 11-12-87 AN UNDIVIDED 1/5 INTEREST;  
 JMK INVESTMENT GROUP, LLC, UNDIVIDED 1/5 INTEREST;  
 TELENET & ASSOCIATES, INC., UNDIVIDED 1/5 INTEREST

COORDINATE TABLE

STATION	OFFSET	PT#	NORTH	EAST
88+19.12	168.86	5096	1951348.450	989006.459
88+68.22	185.57	5098	1951312.599	989045.015
85+93.80	150.00	5099	1951459.727	988809.270
89+41.37	210.98	5100	1951258.979	989102.682
89+70.33	303.44	5101	1951182.414	989092.498
89+45.90	225.31	5102	1951244.001	989101.102
86+72.44	150.00	9019	1951426.913	988880.736

**LEGEND**

- SECTION LINE
- QUARTER SECTION LINE
- QUARTER, QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED EASEMENT
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE  
 FEET  
 0 50,100  
 0 20,40  
 0 30,60  
 SCALE: 1" = 20'

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

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- T1 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.
- T2
- T3
- BT1 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.
- BT2
- BT3
- 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.
- M 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
- ⊗ LIGHT POLE
- ⊙ FLAG POLE

STATE OF ILLINOIS )  
 )  
 COUNTY OF Will )  
 )  
 THIS IS TO CERTIFY THAT I, RONALD F. HODGEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, RUETTIGER, TONELLI & ASSOCIATES, AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 89,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 22, TOWNSHIP 41 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2630  
 LICENSE EXPIRATION DATE: 11-30-2012  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 SEE SHEETS 24 THROUGH 41 FOR REFERENCE TIE TABLES.



RECEIVED  
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 PLATS & LEGALS

**PLAT OF HIGHWAYS**  
 STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 FAP 345 (US 20)

SECTION: COUNTY: KANE  
 PROJECT: JOB NO.: R-91-017-01  
 STATION: 85+00 TO STATION 89+00  
 SCALE: 1" = 20' SHEET 2 OF 41

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

COORDINATES SHOWN HEREON ARE ILLINOIS STATE PLANE EAST ZONE NAD 83 (2007) GRID BASED ON NGS STATION 0120 WITH PUBLISHED COORDINATES OF NORTH 1930566.76, EAST 1004454.55.

REVISION DATE: 5-27-10  
 5-18-10  
 10-20-09

REVISION: REVISION 0001 TH, OWNER & PIN PER NEW TITLE  
 REVISION 20 CL PER IDOT  
 MISCEL. REVISIONS PER IDOT

MADE BY: TLW  
 TLW  
 TLW

