



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT RR-16-4255

ROADWAY AND BRIDGE REHABILITATION I-355 VETERANS MEMORIAL TOLLWAY

VOLUME 3 OF 6

MILE POST 12.1 TO MILE POST 22.3 STATION 733 + 95.55 TO STATION 1275 + 00.00

VOLUME 1
GENERAL PLANS
ALIGNMENT AND TIES
MAINTENANCE OF TRAFFIC

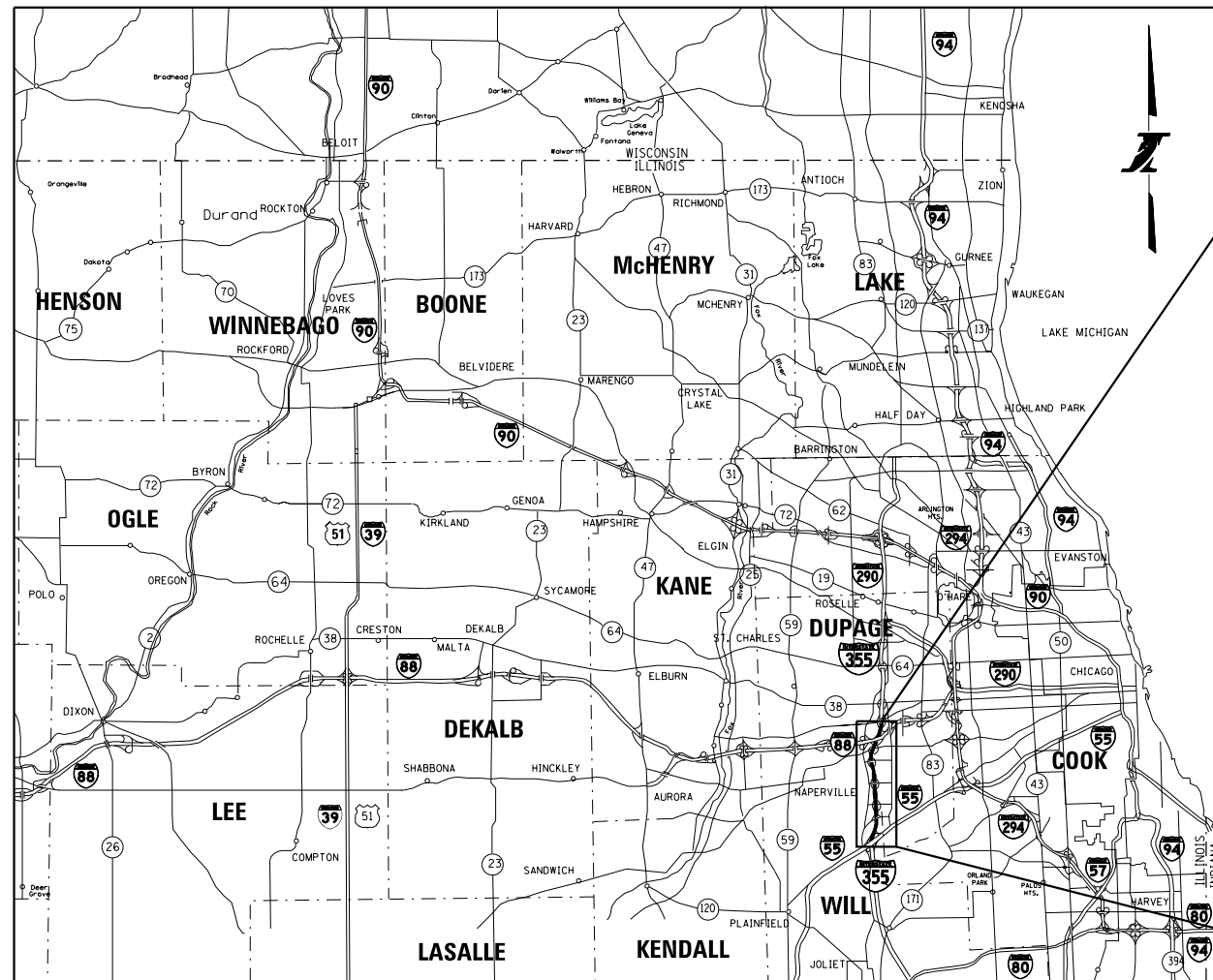
VOLUME 2
MAINTENANCE OF TRAFFIC
REMOVAL PLANS
ROADWAY PLANS

VOLUME 3
DRAINAGE PLANS
GRADING PLANS
EROSION CONTROL & LANDSCAPE
PAVEMENT MARKING & SIGNING
ITS PLANS

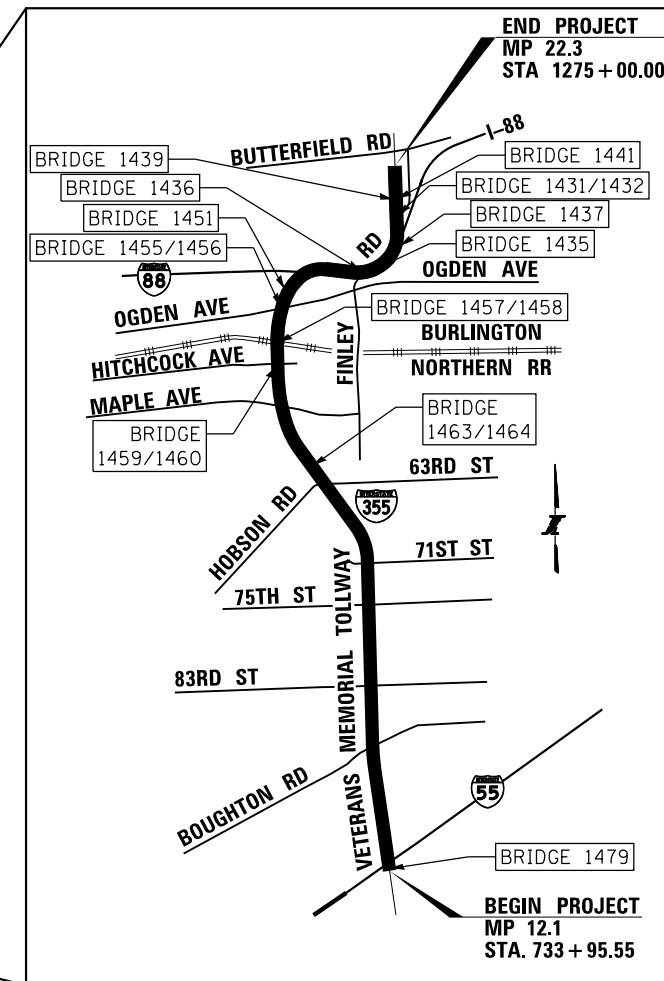
VOLUME 4
LIGHTING PLANS
BRIDGE PLANS

VOLUME 5
BRIDGE PLANS

VOLUME 6
BRIDGE PLANS
NOISE WALL PLANS
RETAINING WALL PLANS
CROSS SECTIONS



LOCATION MAP



CONSTRUCTION AREA MAP

DESIGN SECTION ENGINEER:



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Veterans Memorial Tollway, RR-16-4255
Utility Information (Utility Company Contact Matrix)

Utility Company	Utility Company Address	Utility Company Contact Person	Position	Contact Person Telephone Number	Contact Person Email	Crossroad (C), Parallel (P), Not Applicable (NA)	Crossroad or Parallel Utility Conflict	Existing Utility conflict Shown on Plans		Comments	Relocation/Watch and Protect			
								No	Yes		Sheet No.	No	Yes	No
AT&T AT&T Transmission AT&T T-TCG (formerly ATT/Local)	1000 Commerce Dr. Oakbrook, IL 60523	Pam Summers	Legal Mandate Team	1-630-573-6456	ps3521@att.com							Yes	Yes	Yes
Comcast	688 Industrial Dr. Elmhurst, IL 60126	Robert Shulter	Legal Mandate Team	1-630-600-6347	bob_shulter@comcastcable.com									
Commonwealth Edison	Three Lincoln Center Oakbrook Terrace, IL 60181	Mark J. Tulach Terri Bleck	Legal Mandate Team Legal Mandate	1-630-576-7094 1-847-816-5239	marktulach@comed.com terri.bleck@comed.com									
Nicor Gas	1844 Ferry Road Naperville, IL 60563	Michael Ann Reedy	Engineering Design	1-630-388-2761	mreedy@agresources.com									
Level3 Communications	10025 Eldorado Blvd. Broomfield, CO 80021	John Boeker	Project Manager	1-512-386-2604	level3.networkrelocation@level3.com									
MCI	2201 Loudoun County Ashburn, VA 20147	Dean Boyers	Utility Coordinator	1-972-729-6322	dboyers@mcicom.com									
G4S	565 Willow Center Parkway Willow brook, IL 60527	Cecil Kuhse	Project Manager	1-630-920-1488	cecil.kuhse@usa.g4s.com									
Bolingbrook, Village of	375 West Briarcliff Rd., Bolingbrook, IL, 60440	Lucas Rickelman	Director, Public Services and I	1-630-226-8805	lrickelm@bolingbrook.com									
Downers Grove Sanitary District	2710 Curtis St Downers Grove, IL 60515	Ted Cherwak	Sewer Construction Supervisor	1-630-969-0664	tcherwak@odgsd.org									
Downers Grove, Village of	5101 Walnut Ave., Downers Grove	Naneil Newton	Director of Public Works	1-630-434-5461	nnewton@downers.us									
DuPage County DOT	421 N. County Farm Road, 2nd Floor #2-300, Wheaton, IL 60187-2553	Highway Permitting		1-630-407-6900	hwypermits@dupageco.org									
DuPage Water Commission	600 East Butterfield Road, Elmhurst, Illi	Michael Schweizer	Utility Coordinator	1-630-834-0100	pipeline@dpwc.org									
Illinois American Water - Chicago Metro District Lighttower	1000 Internationale Parkway Woodridge, IL 60517	Raymond Fower	Senior Engineering Technician	1-630-739-8819 1-888-583-4237	raymond.fower@amwater.com									
Lisle, Village of	4905 Yackley Avenue 4905 Yackley Avenue, Lisle, IL 60532	Jason Elias	Director, Public Works	1-630-271-4170	pw@villageoflisle.org									
Natural Gas Pipeline Co. (Sta 328 S)		Gas Awareness Center		800-733-2490										
Vinakom Communications	860 Remington Rd, Schaumburg, IL 60173			866-VINAKOM	http://vinakom.com/email-us/									
Windstream KDL, Inc.	3701 Communication Way Evansville, IN 47715	David F. Ackerman	Damage Prevention Supervisor	330-650-7293	david.ackerman@windstream.com									
Woodridge, Village of	5 Plaza Drive Woodridge, IL 60517	Bob Myers	Damage Prevention	1-630-719-4752	bmyers@vil.woodridge.il.us									
Zayo Fiber Solutions	400 Centennial Parkway 400 Centennial Parkway, Louisville, Co 80027	Tim Payment	Utility Coordinator	1-630-203-8003	tpayment@zayosolutions.com									

DRAWN BY CBP DATE 3/11/2018
CHECKED BY MPV DATE 3/11/2018



REVISIONS		
NO.	DATE	DESCRIPTION

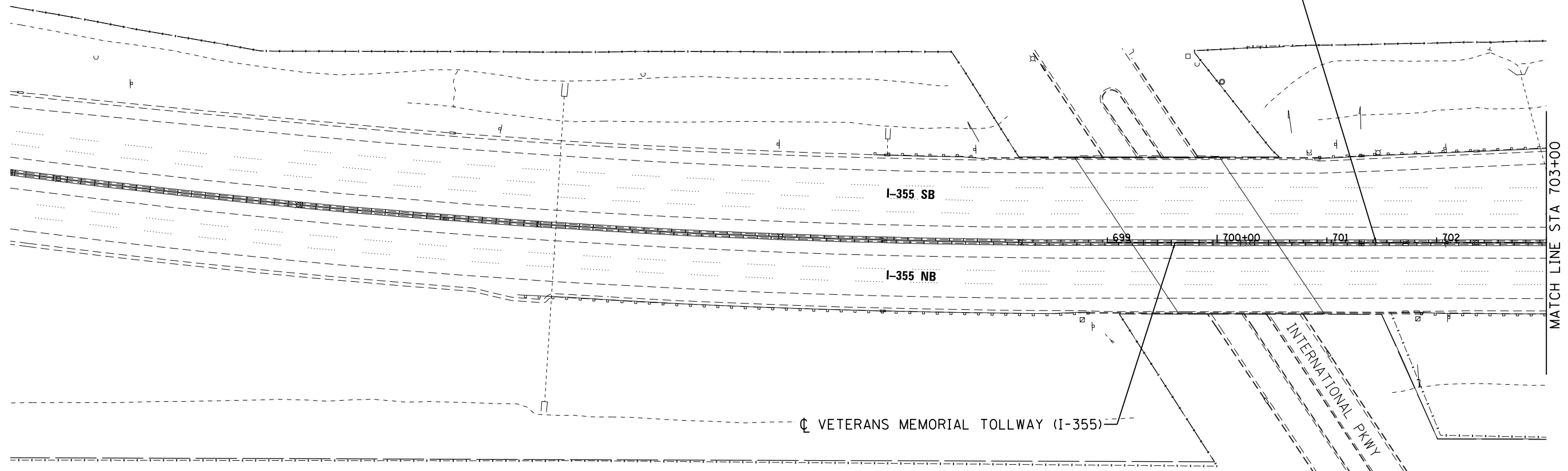
CONTRACT NO. RR-16-4255
UTILITY MATRIX
UT-1
DRAWING NO. 479 OF 1517

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SHOWN ON THIS SHEET

BEGIN CONTRACT RR-16-4255
STA 701+45.00
EX ♯ I-355

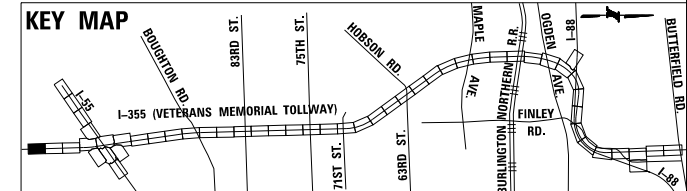


MATCH LINE STA 703+00

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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	✕ CB[R]
REMOVE CONCRETE END SECTION (X5010523)	✕ FES[R] XX"
CONCRETE HEADWALL REMOVAL (50104400)	✕ HW[R] XX"
LINEAR REMOVAL ITEM	— / — / —
OUTLET	➔
ROADSIDE DITCH	- - - - -
VEGETATION	~~~~~
DETENTION POND	⬡
WATERS OF THE U.S.	▭
WETLAND	- · - · - · -



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

2im
 GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661




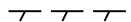


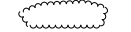



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DATE DESCRIPTION

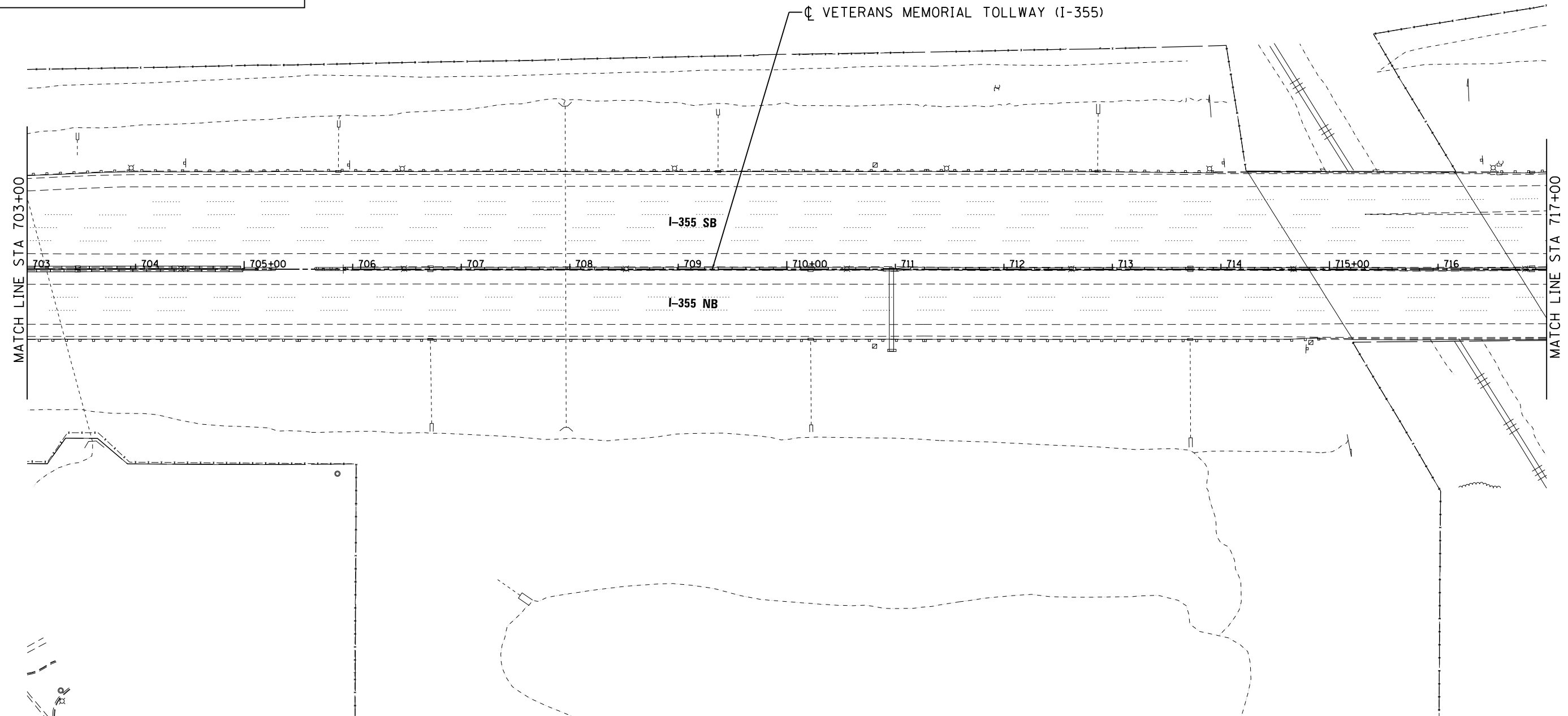
CONTRACT NO. RR-16-4255
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SHT NO. DE01
 DRAWING NO.
 480 OF 1517

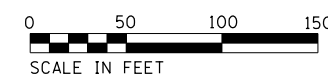
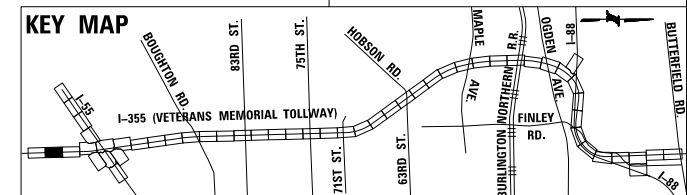
DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050) 
- REMOVE CONCRETE END SECTION (X5010523) 
- CONCRETE HEADWALL REMOVAL (50104400) 
- LINEAR REMOVAL ITEM 
- OUTLET 
- ROADSIDE DITCH 
- VEGETATION 
- DETENTION POND 
- WATERS OF THE U.S. 
- WETLAND 

NO DRAINAGE WORK
SHOWN ON THIS SHEET



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DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

2im
 GROUP
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 118 South Clinton St.
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


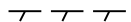






THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

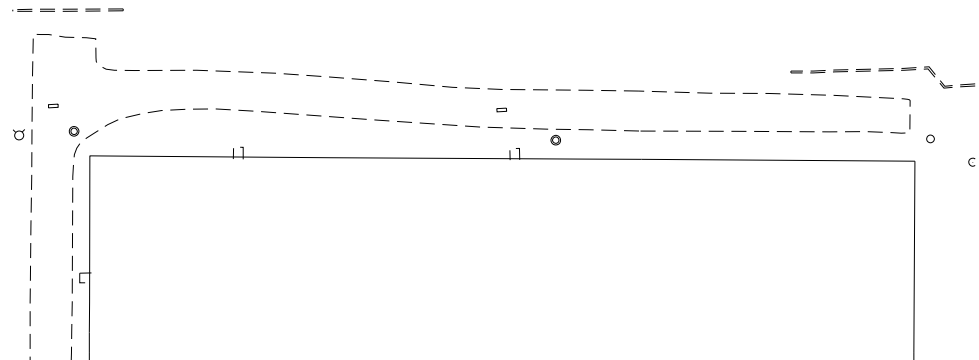
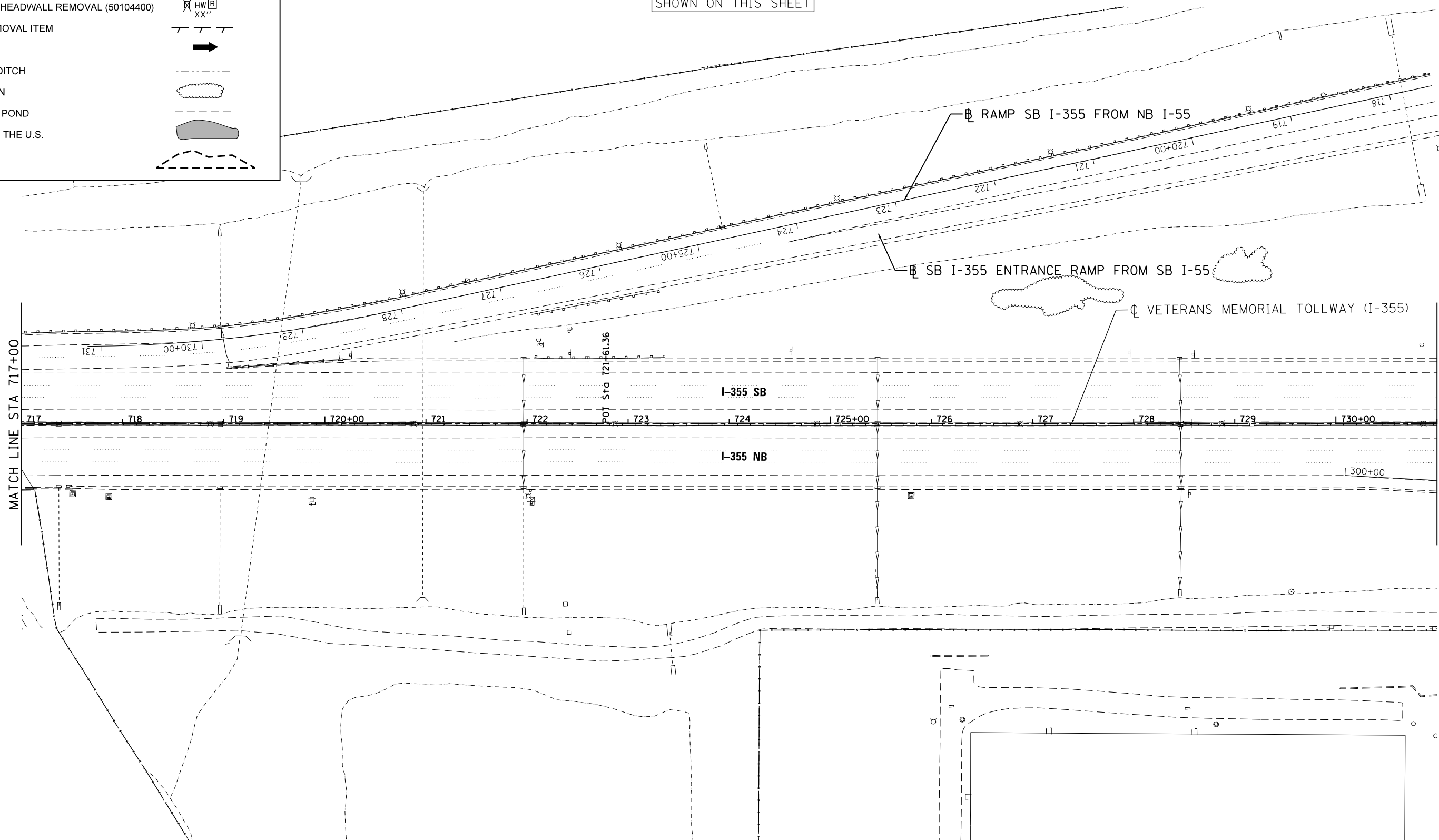
CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 703+00 - STA 717+00

SHT NO. DE02
 DRAWING NO.
 481 OF 1517

DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050) 
- REMOVE CONCRETE END SECTION (X5010523) 
- CONCRETE HEADWALL REMOVAL (50104400) 
- LINEAR REMOVAL ITEM 
- OUTLET 
- ROADSIDE DITCH 
- VEGETATION 
- DETENTION POND 
- WATERS OF THE U.S. 
- WETLAND 

NO DRAINAGE WORK
SHOWN ON THIS SHEET



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DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

2im GROUP
 2IM Group, LLC
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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

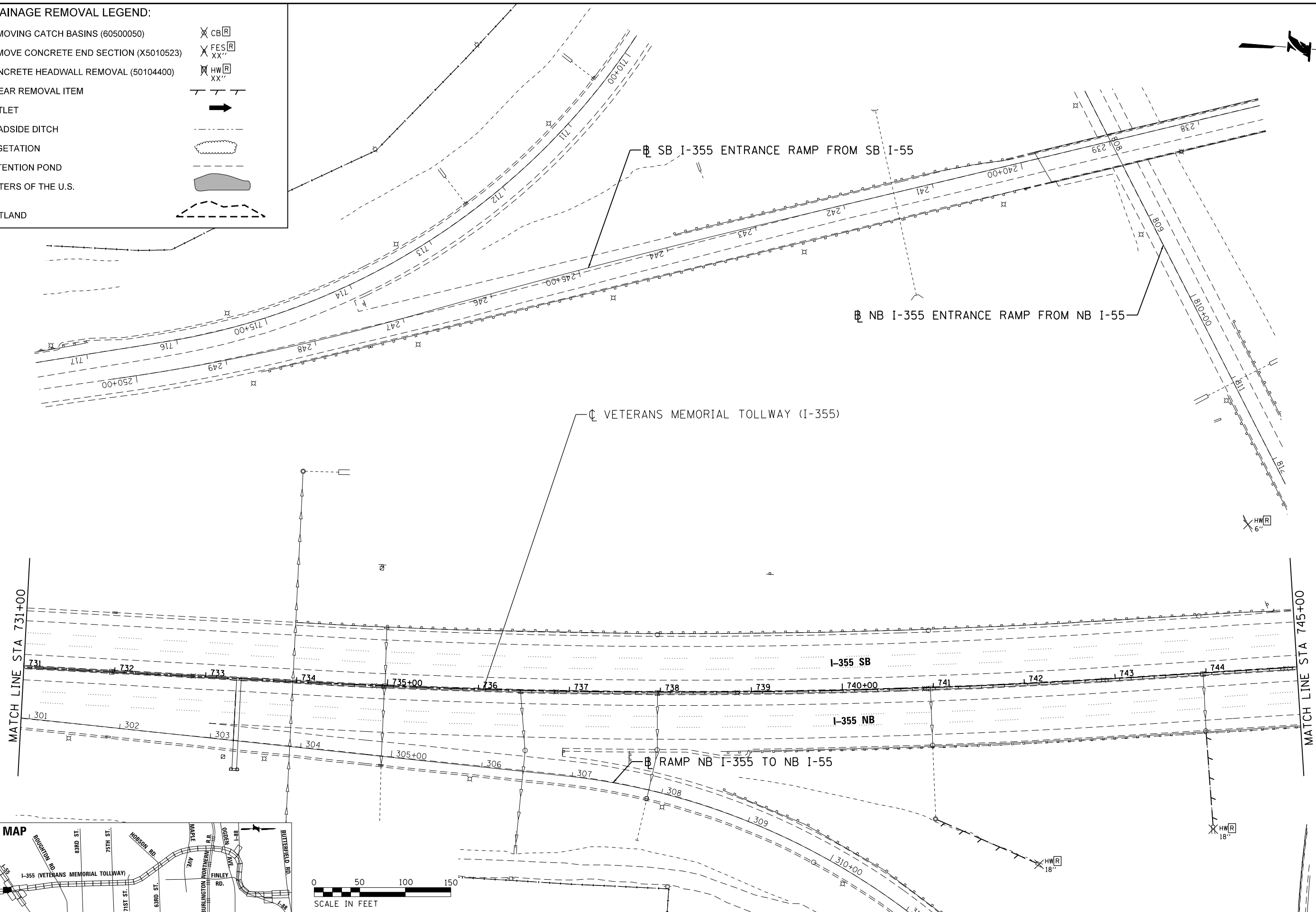
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA. 717+00 - STA. 731+00

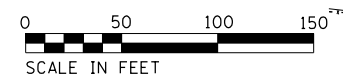
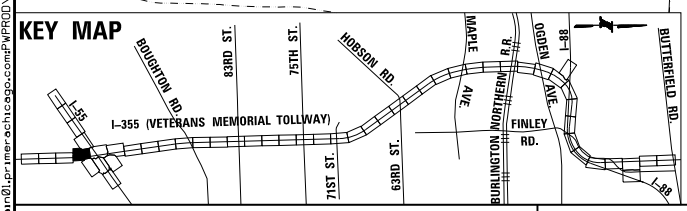
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 482 OF 1517

DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050) ✕ CB [R]
- REMOVE CONCRETE END SECTION (X5010523) ✕ FES [R]
- CONCRETE HEADWALL REMOVAL (50104400) ✕ HW [R]
- LINEAR REMOVAL ITEM - - - - -
- OUTLET →
- ROADSIDE DITCH - - - - -
- VEGETATION [Wavy Line]
- DETENTION POND [Shaded Area]
- WATERS OF THE U.S. [Solid Area]
- WETLAND [Dashed Area]



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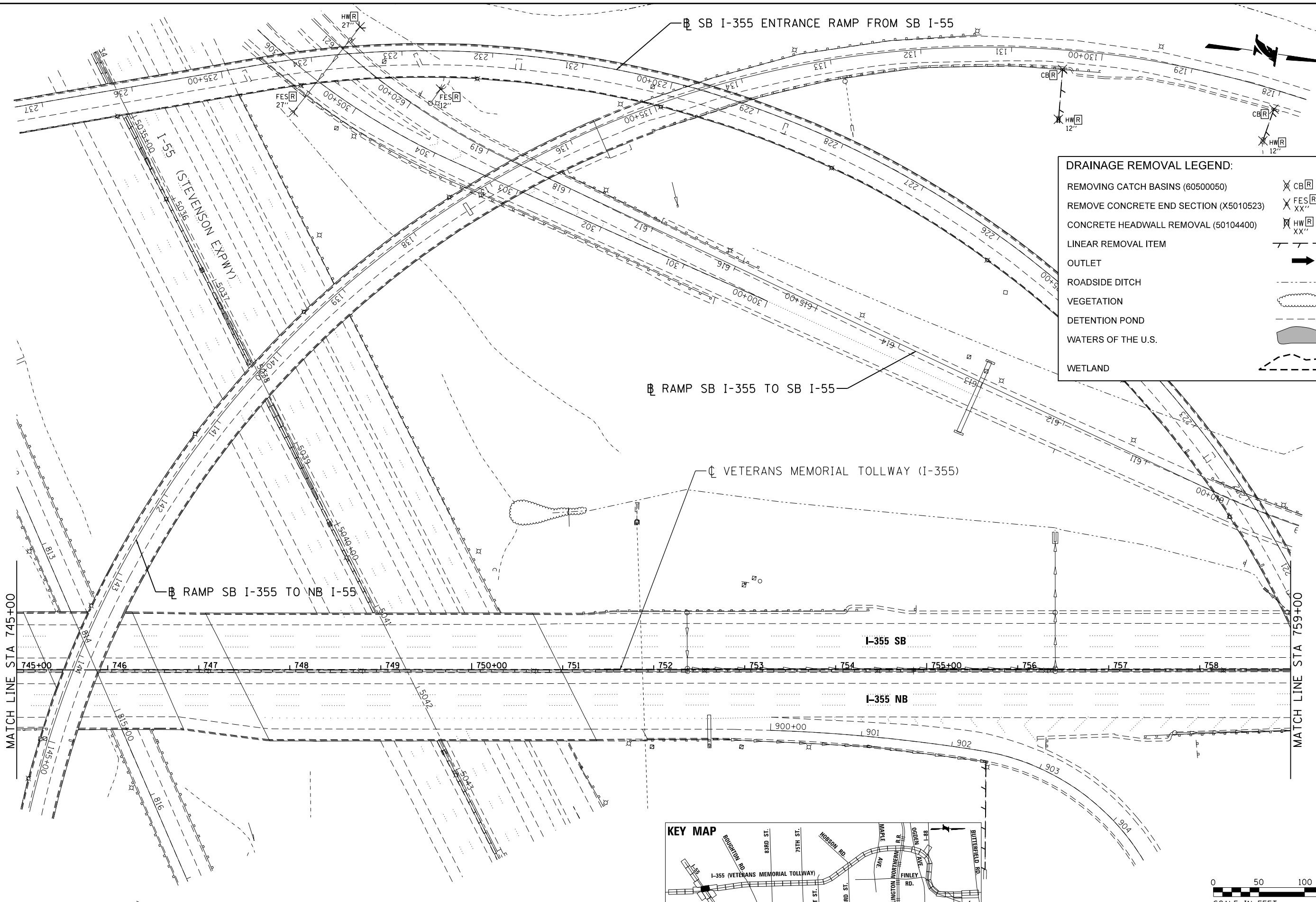
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 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
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 STA 731+00 - STA 745+00

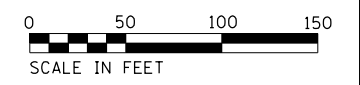
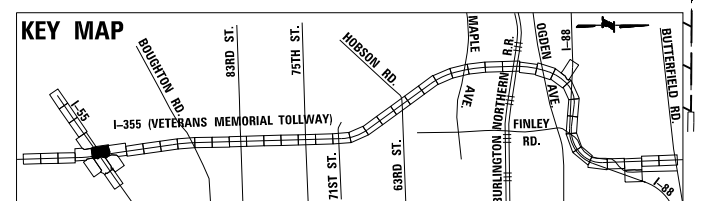
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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	CB[R]
REMOVE CONCRETE END SECTION (X5010523)	FES[R] XX"
CONCRETE HEADWALL REMOVAL (50104400)	HW[R] XX"
LINEAR REMOVAL ITEM	---
OUTLET	➔
ROADSIDE DITCH	- - -
VEGETATION	⊞
DETENTION POND	⊞
WATERS OF THE U.S.	⊞
WETLAND	⊞



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 118 South Clinton St.
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 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DATE DESCRIPTION

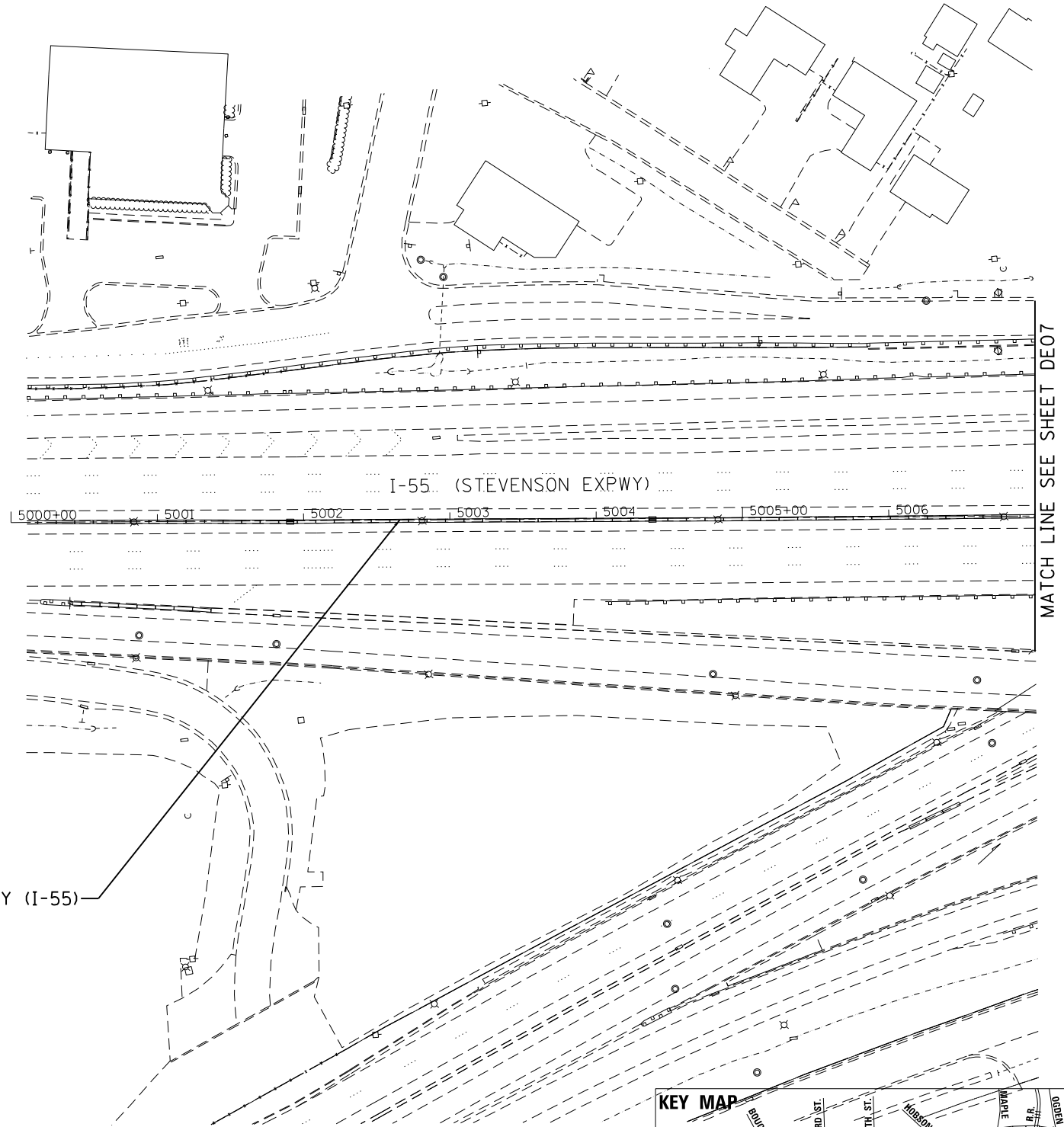
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 STA 745+00 - STA 759+00

SHT NO. DE05
 DRAWING NO.
 484 OF 1517

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


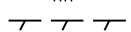


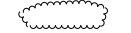


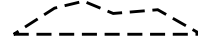


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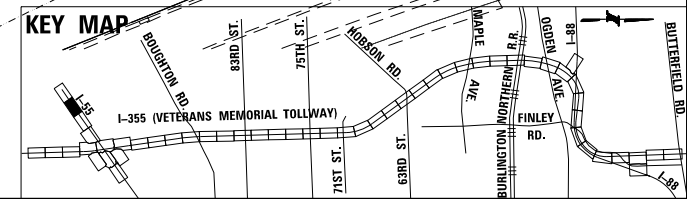


MATCH LINE SEE SHEET DE07

DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050) 
- REMOVE CONCRETE END SECTION (X5010523) 
- CONCRETE HEADWALL REMOVAL (50104400) 
- LINEAR REMOVAL ITEM 
- OUTLET 
- ROADSIDE DITCH 
- VEGETATION 
- DETENTION POND 
- WATERS OF THE U.S. 
- WETLAND 

☐ STEVENSON EXPRESSWAY (I-55)



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REVISIONS		
NO.	DATE	DESCRIPTION

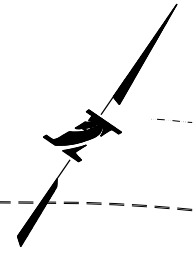
CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 I-55

SHT NO. DE06
 DRAWING NO.
 485 OF 1517

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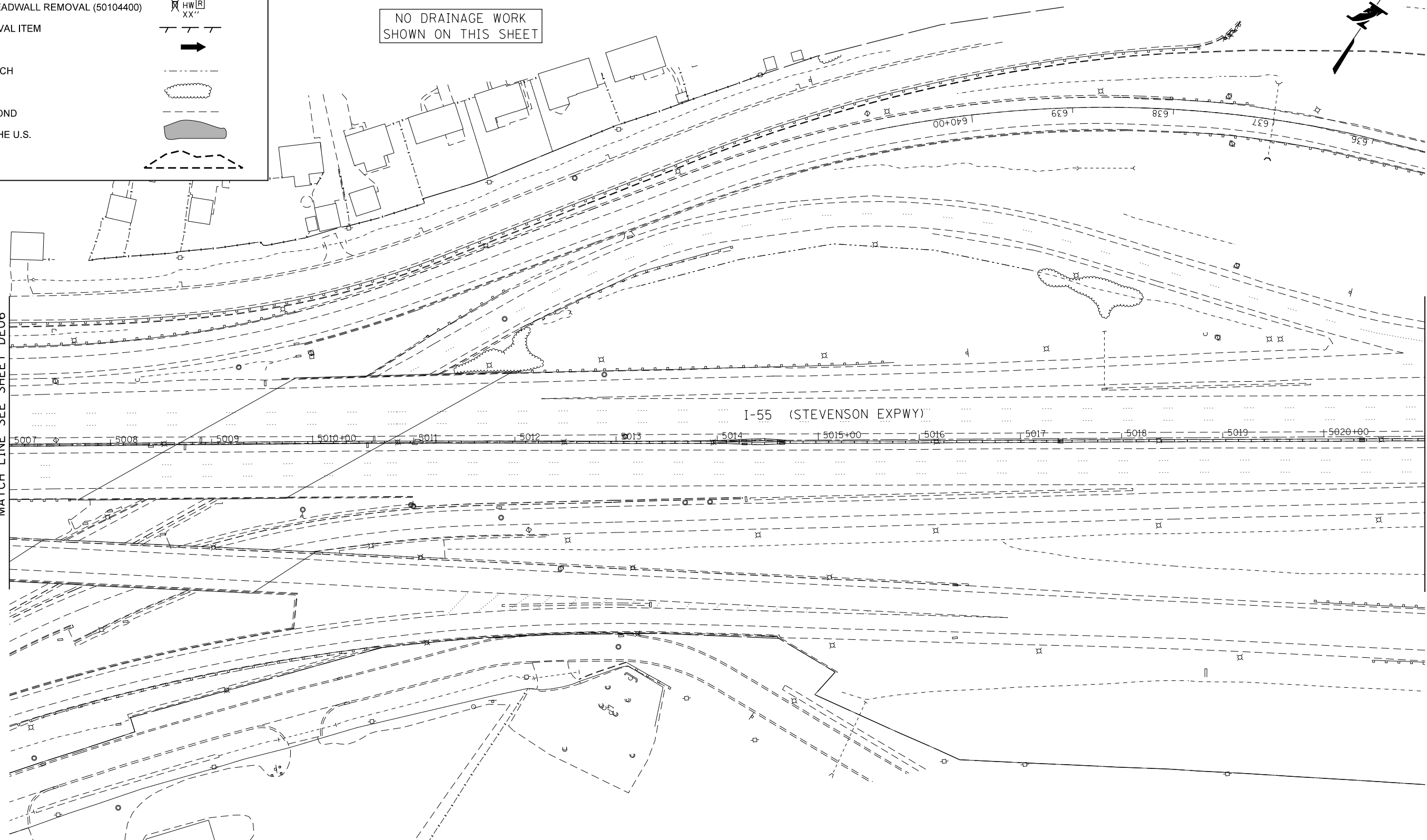
- REMOVING CATCH BASINS (60500050) ✕ CB [R]
- REMOVE CONCRETE END SECTION (X5010523) ✕ FES [R]
- CONCRETE HEADWALL REMOVAL (50104400) ✕ HW [R]
- LINEAR REMOVAL ITEM - - - - -
- OUTLET →
- ROADSIDE DITCH - - - - -
- VEGETATION [Wavy Line]
- DETENTION POND [Shaded Area]
- WATERS OF THE U.S. [Dotted Area]
- WETLAND [Dashed Area]

NO DRAINAGE WORK
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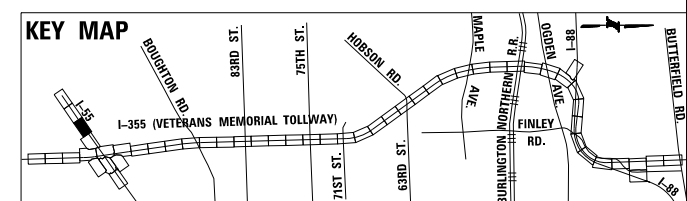


MATCH LINE SEE SHEET DE06

MATCH LINE SEE SHEET DE08



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CHECKED BY JM DATE 3/11/2018



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

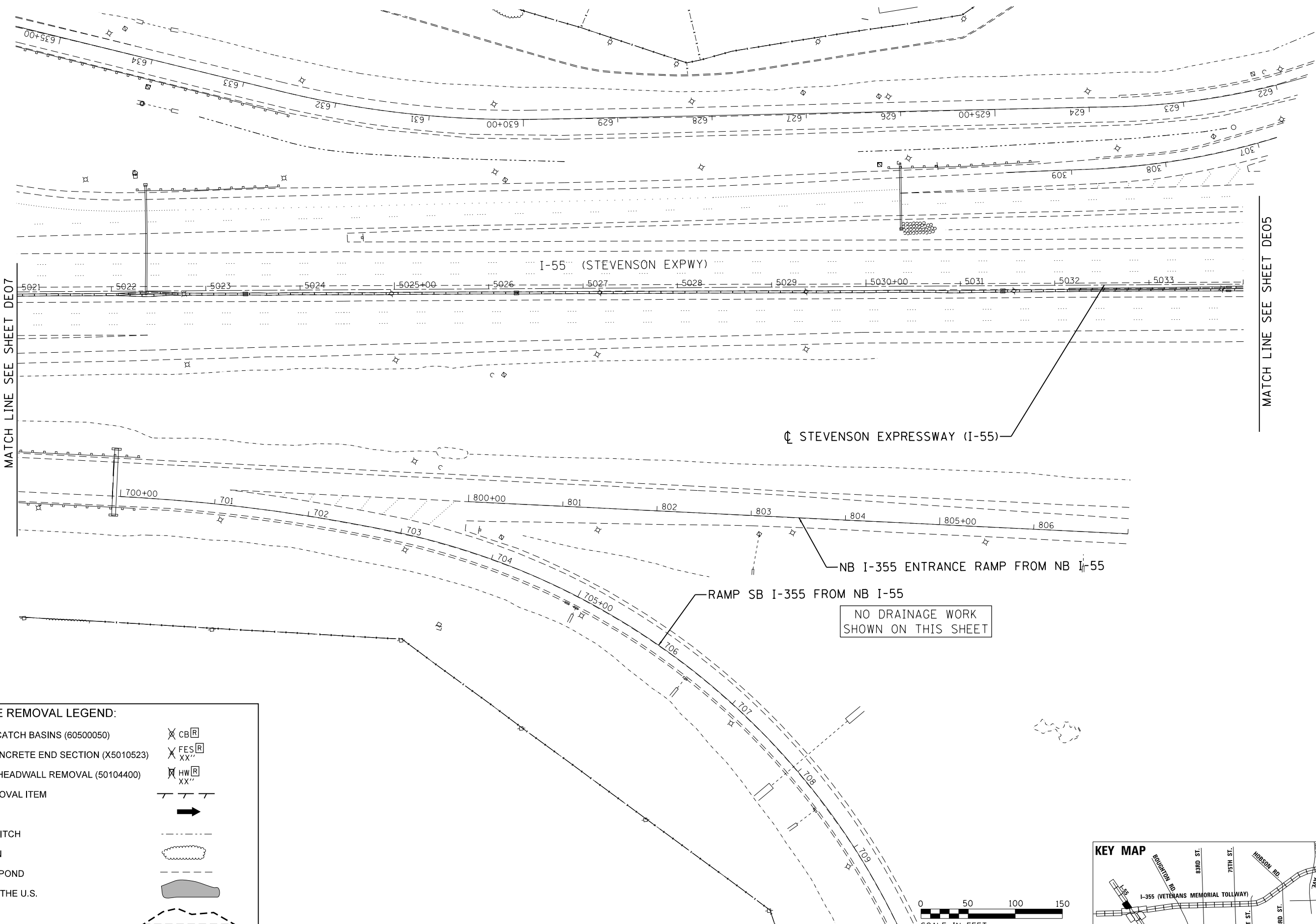
CONTRACT NO. RR-16-4255
EXISTING DRAINAGE & REMOVAL PLAN
I-55

SHT NO. DE07
DRAWING NO.
486 OF 1517

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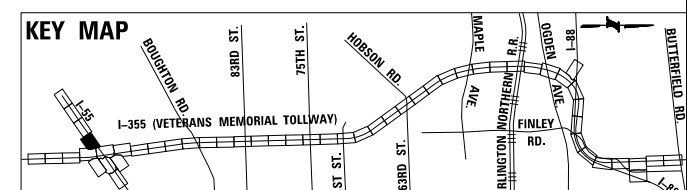
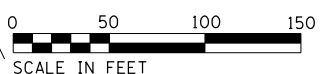
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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	⊗ CB [R]
REMOVE CONCRETE END SECTION (X5010523)	⊗ FES [R] XX''
CONCRETE HEADWALL REMOVAL (50104400)	⊗ HW [R] XX''
LINEAR REMOVAL ITEM	— — — — —
OUTLET	➔
ROADSIDE DITCH	- - - - -
VEGETATION	⬭
DETENTION POND	⬭
WATERS OF THE U.S.	⬭
WETLAND	⬭

NO DRAINAGE WORK SHOWN ON THIS SHEET



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

2im GROUP
 2IM Group, LLC
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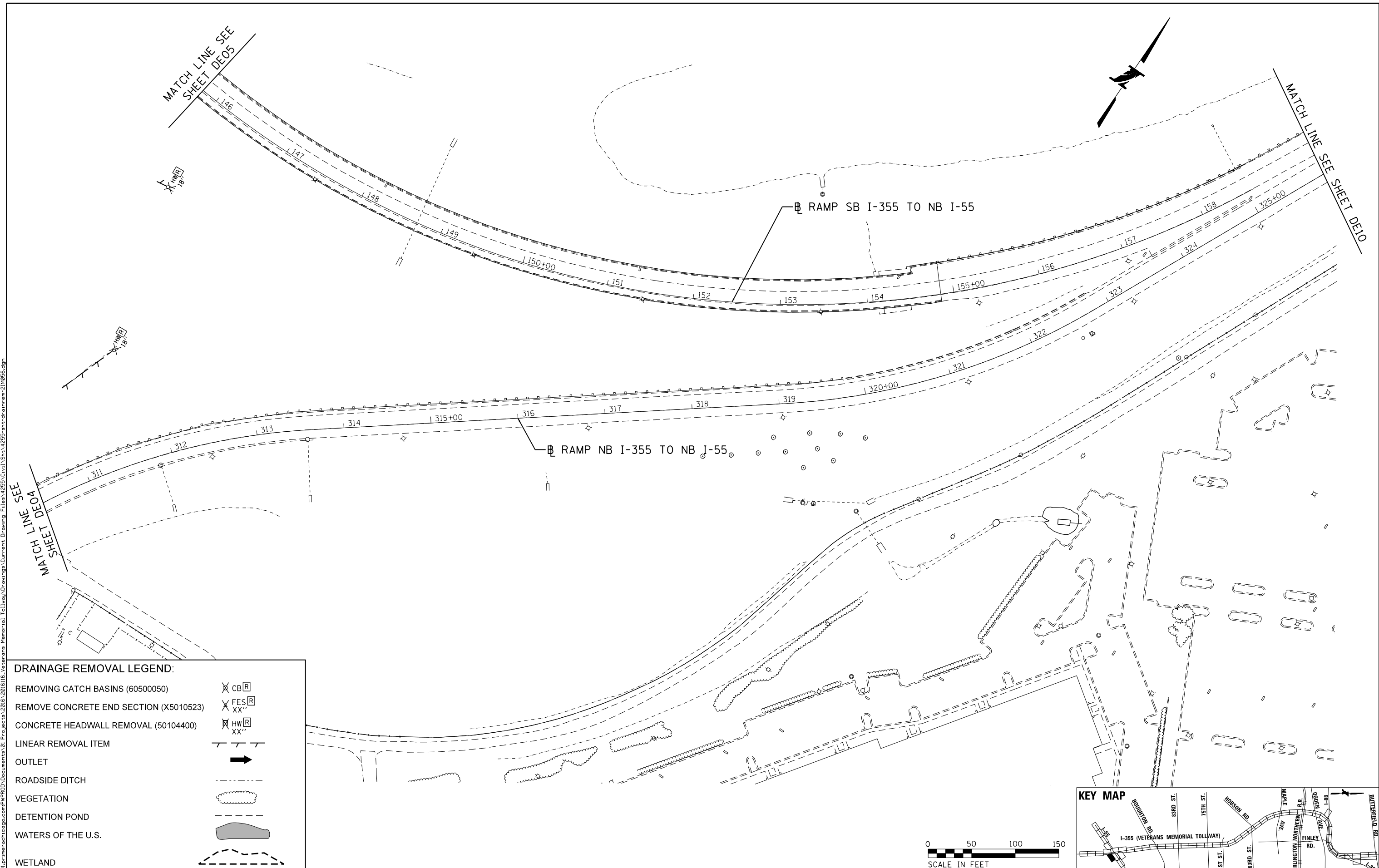
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

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 EXISTING DRAINAGE & REMOVAL PLAN
 I-55

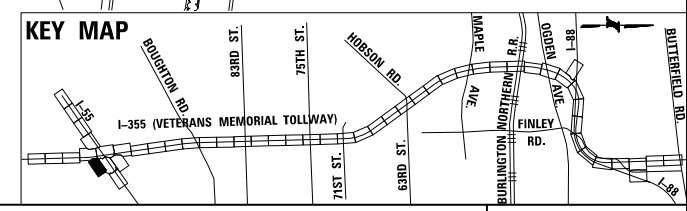
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 487 OF 1517

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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	⊗ CB [R]
REMOVE CONCRETE END SECTION (X5010523)	⊗ FES [R] XX''
CONCRETE HEADWALL REMOVAL (50104400)	⊗ HW [R] XX''
LINEAR REMOVAL ITEM	—
OUTLET	➔
ROADSIDE DITCH	- - -
VEGETATION	⊞
DETENTION POND	⊞
WATERS OF THE U.S.	⊞
WETLAND	- - -



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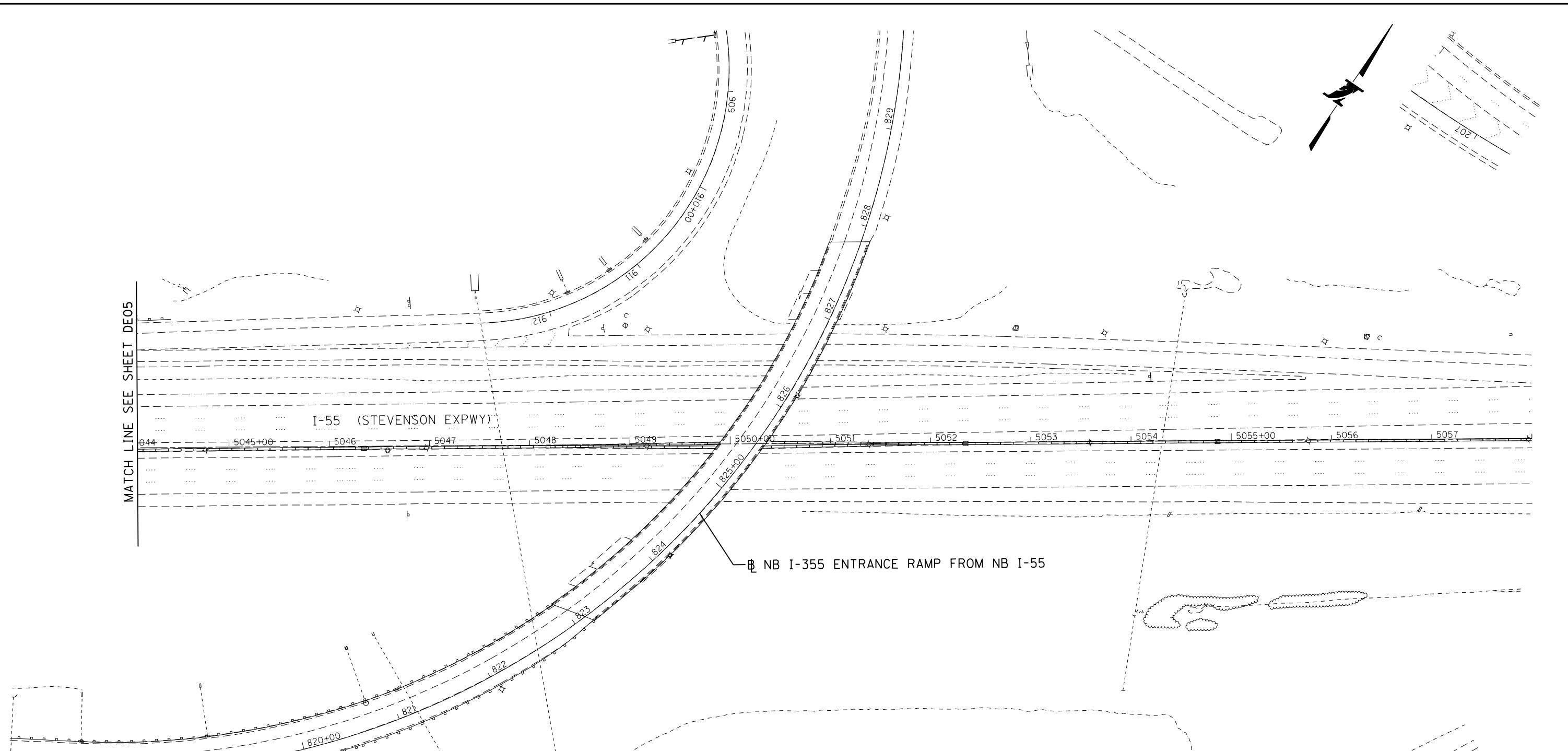
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 I-55

SHT NO. DE09
 DRAWING NO.
 488 OF 1517

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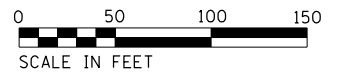
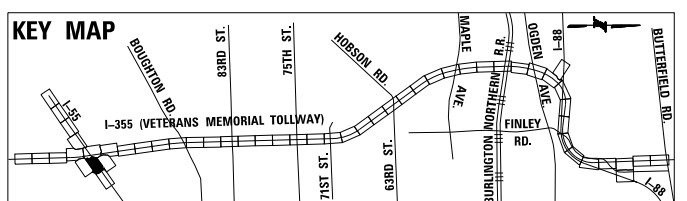
MATCH LINE SEE SHEET DE05

I-55 (STEVENSON EXPWY)

NB I-355 ENTRANCE RAMP FROM NB I-55

DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	CB [R]
REMOVE CONCRETE END SECTION (X5010523)	FES [R] XX''
CONCRETE HEADWALL REMOVAL (50104400)	HW [R] XX''
LINEAR REMOVAL ITEM	
OUTLET	
ROADSIDE DITCH	
VEGETATION	
DETENTION POND	
WATERS OF THE U.S.	
WETLAND	



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REVISIONS	
NO.	DESCRIPTION

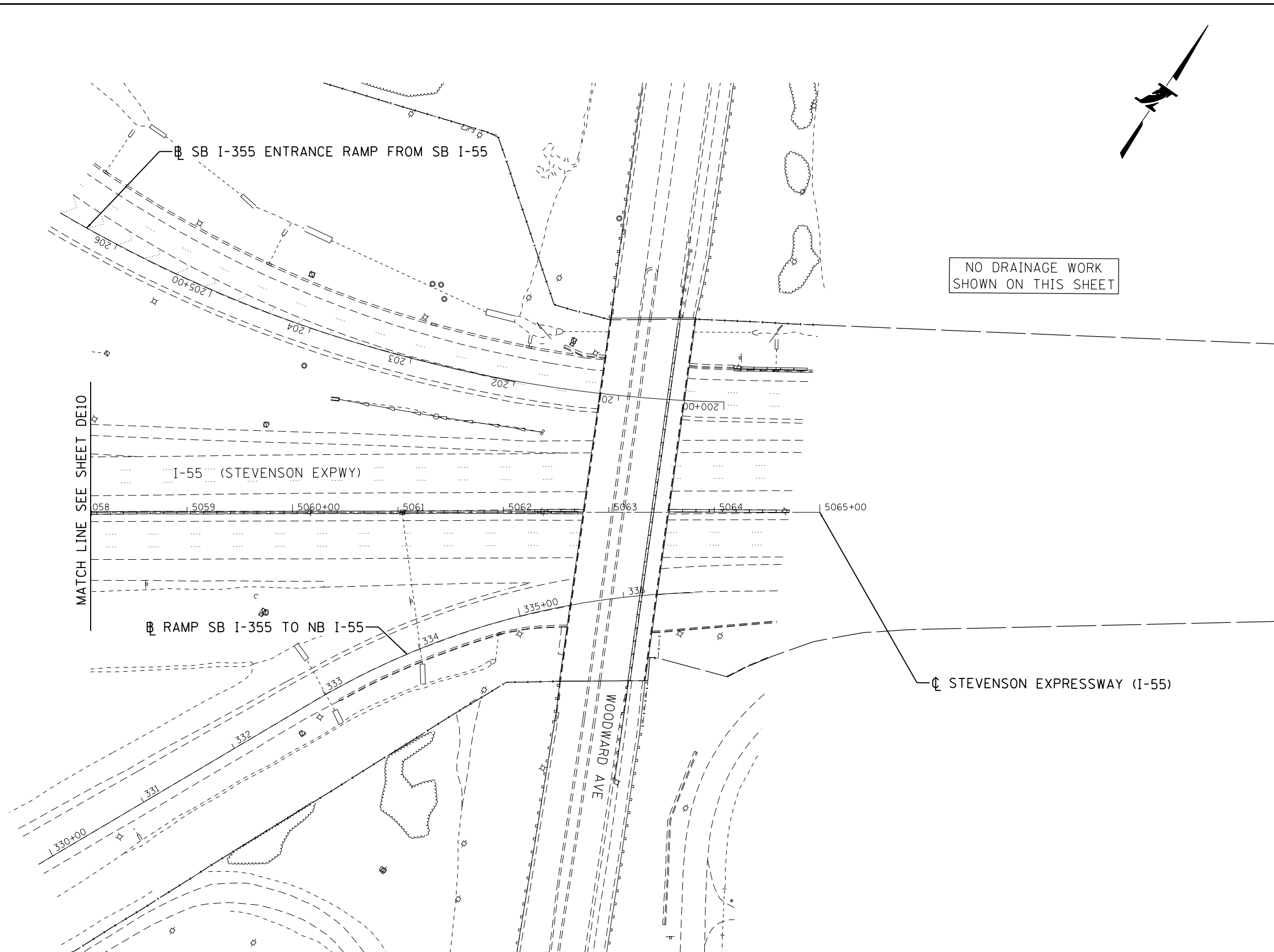
CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 I-55

SHT NO. DE10
 DRAWING NO.
 489 OF 1517

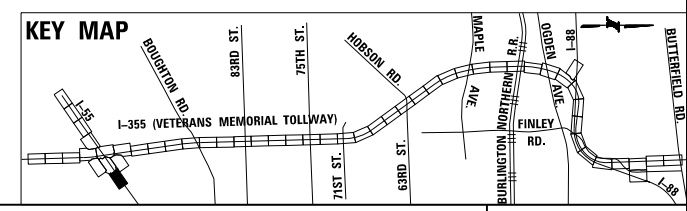
DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	
REMOVE CONCRETE END SECTION (X5010523)	
CONCRETE HEADWALL REMOVAL (50104400)	
LINEAR REMOVAL ITEM	
OUTLET	
ROADSIDE DITCH	
VEGETATION	
DETENTION POND	
WATERS OF THE U.S.	
WETLAND	

NO DRAINAGE WORK
SHOWN ON THIS SHEET



MATCH LINE SEE SHEET DE10



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 DOWNERS GROVE,
 ILLINOIS 60515

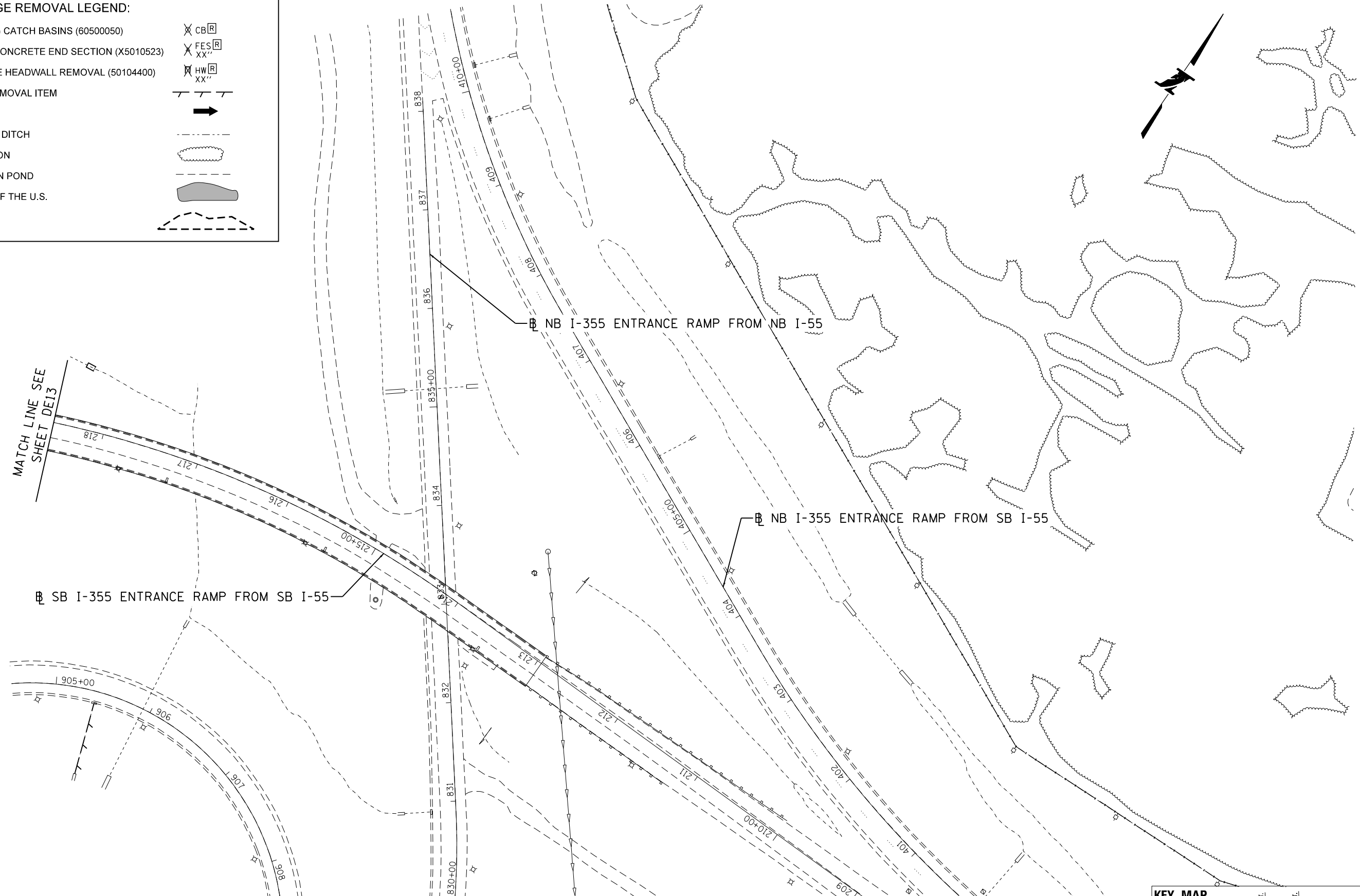
REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 I-55

SHT NO. DE11
 DRAWING NO.
 490 OF 1517

DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050) ✕ CB [R]
- REMOVE CONCRETE END SECTION (X5010523) ✕ FES [R]
- CONCRETE HEADWALL REMOVAL (50104400) ✕ HW [R]
- LINEAR REMOVAL ITEM ————
- OUTLET →
- ROADSIDE DITCH - - - - -
- VEGETATION []
- DETENTION POND []
- WATERS OF THE U.S. []
- WETLAND []



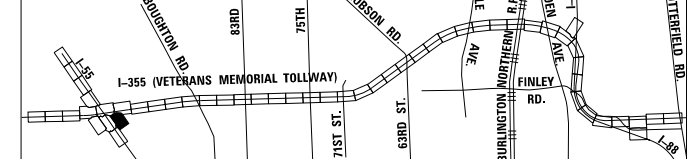
MATCH LINE SEE SHEET DE13

NB I-355 ENTRANCE RAMP FROM NB I-55

NB I-355 ENTRANCE RAMP FROM SB I-55

SB I-355 ENTRANCE RAMP FROM SB I-55

KEY MAP



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2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

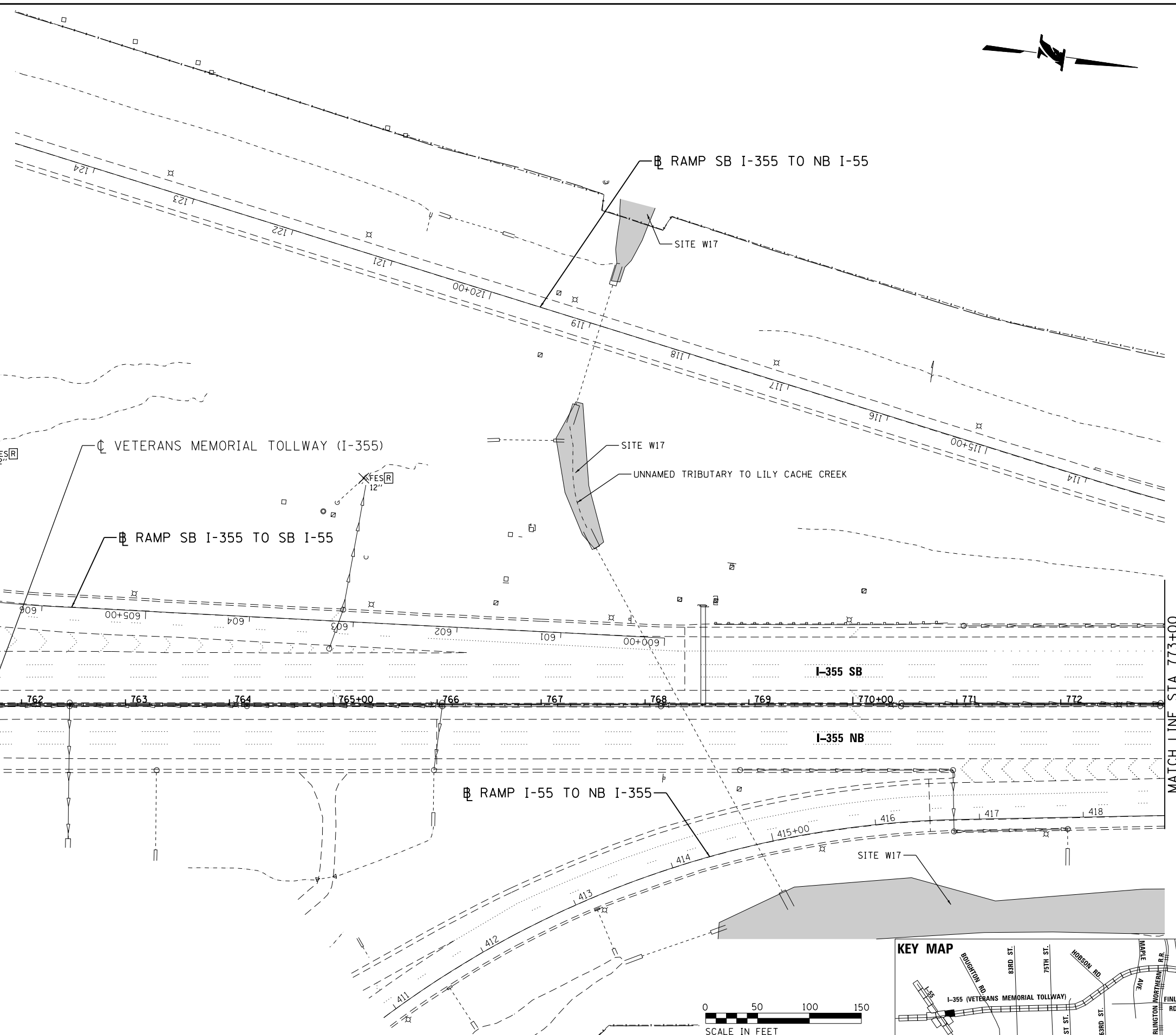
CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 I-55

SHT NO. DE12
 DRAWING NO.
 491 OF 1517

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DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050)
- REMOVE CONCRETE END SECTION (X5010523)
- CONCRETE HEADWALL REMOVAL (50104400)
- LINEAR REMOVAL ITEM
- OUTLET
- ROADSIDE DITCH
- VEGETATION
- DETENTION POND
- WATERS OF THE U.S.
- WETLAND

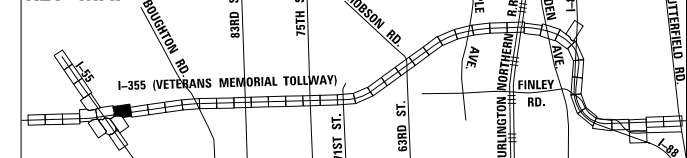


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MATCH LINE STA 759+00

MATCH LINE STA 773+00

KEY MAP



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 DOWNERS GROVE,
 ILLINOIS 60515

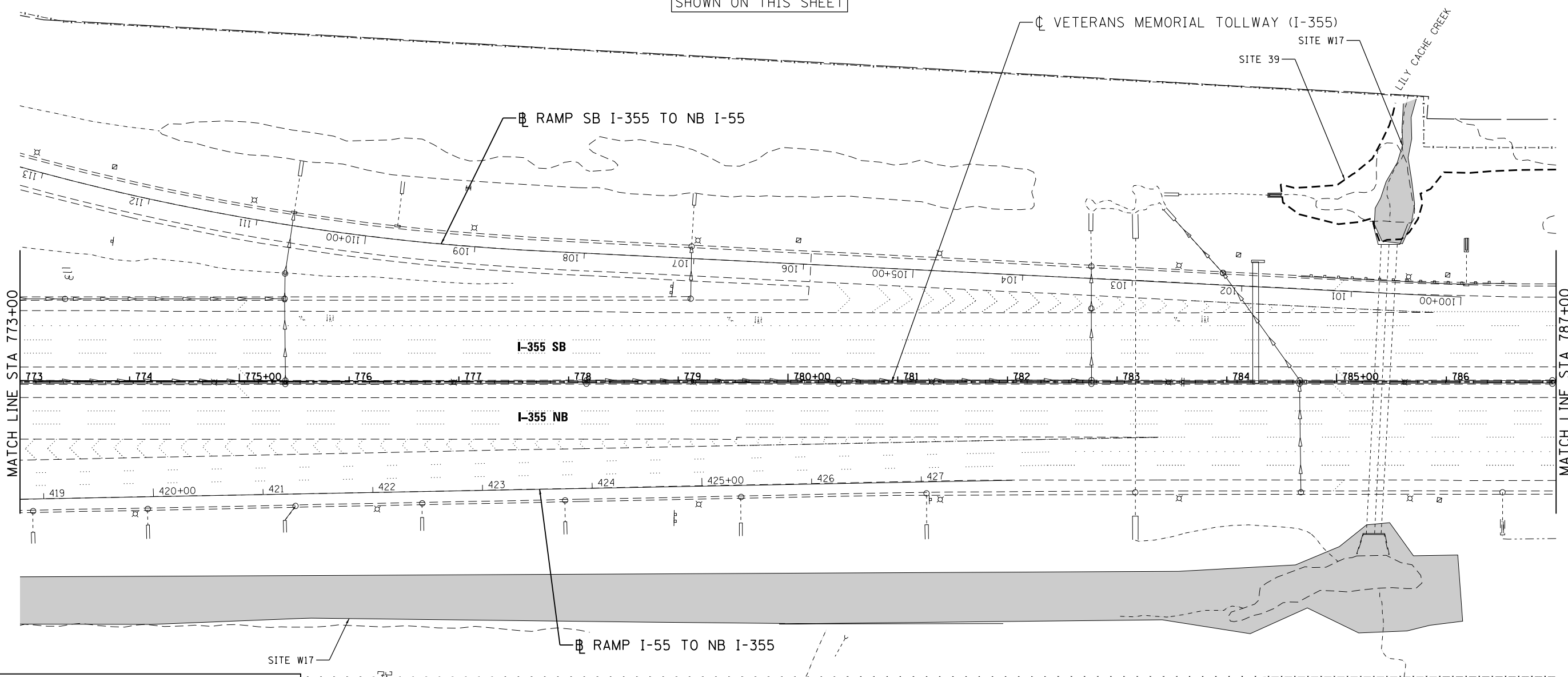
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 759+00 - STA 773+00

SHT NO. DE13
 DRAWING NO.
 492 OF 1517



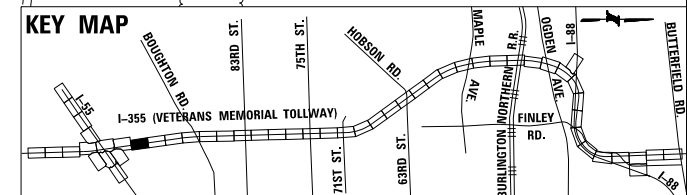
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SHOWN ON THIS SHEET



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DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050) X CB [R]
- REMOVE CONCRETE END SECTION (X5010523) X FES [R]
- CONCRETE HEADWALL REMOVAL (50104400) X HW [R]
- LINER REMOVAL ITEM ————
- OUTLET →
- ROADSIDE DITCH - - - - -
- VEGETATION [Dotted Area]
- DETENTION POND [Shaded Area]
- WATERS OF THE U.S. [Stippled Area]
- WETLAND [Dashed Area]



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 DOWNERS GROVE,
 ILLINOIS 60515

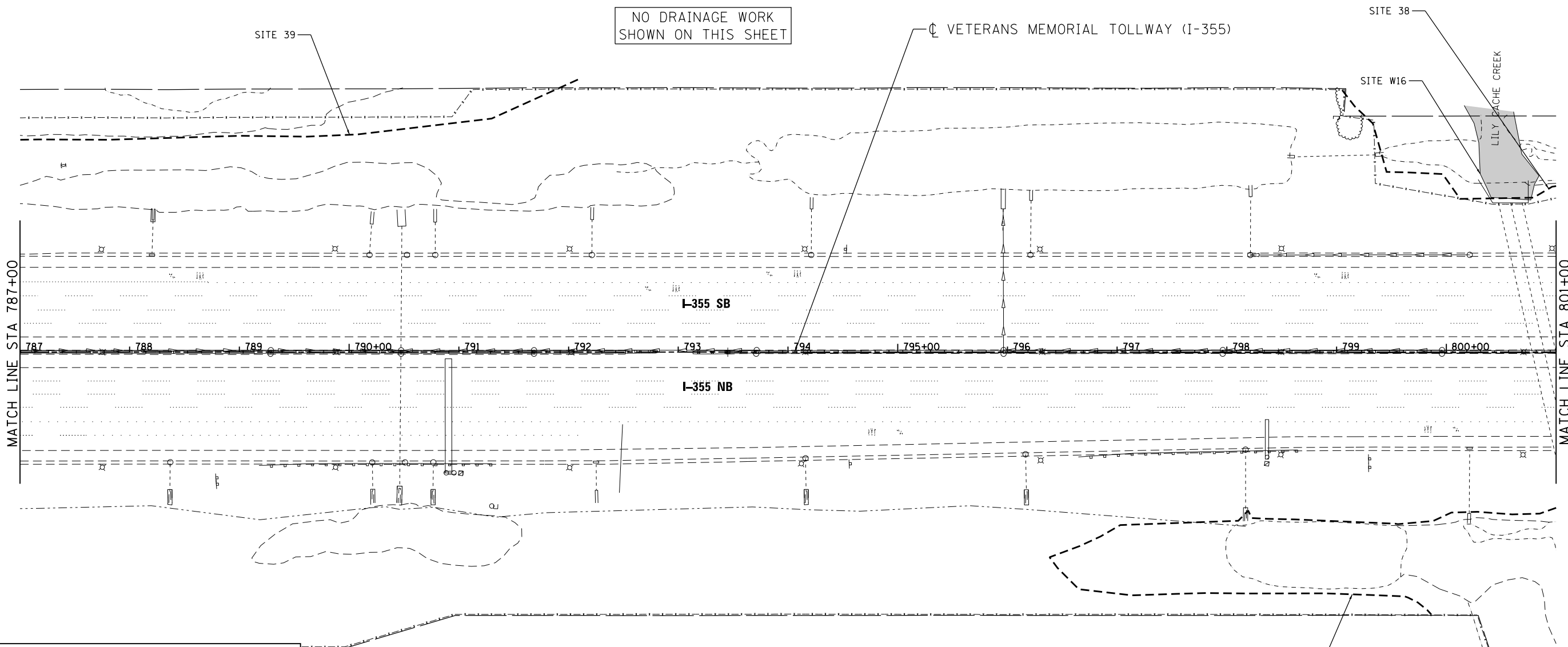
NO.	DATE	REVISIONS	
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CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 773+00 - STA 787+00

SHT NO. DE14
 DRAWING NO.
 493 OF 1517

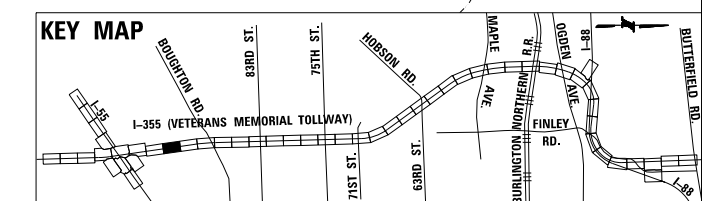


NO DRAINAGE WORK SHOWN ON THIS SHEET



DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	
REMOVE CONCRETE END SECTION (X5010523)	
CONCRETE HEADWALL REMOVAL (50104400)	
LINEAR REMOVAL ITEM	
OUTLET	
ROADSIDE DITCH	
VEGETATION	
DETENTION POND	
WATERS OF THE U.S.	
WETLAND	



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REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 787+00 - STA 801+00

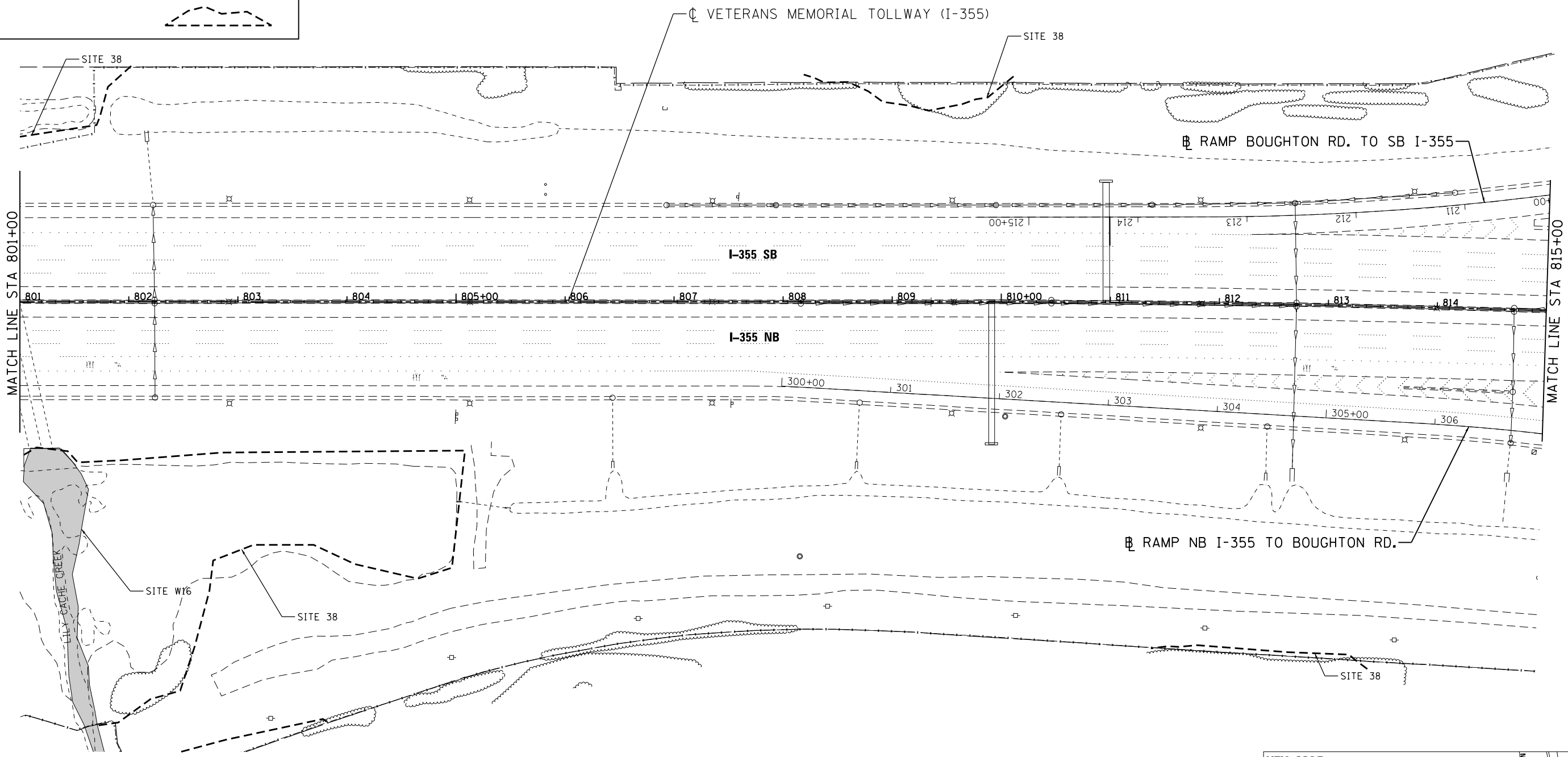
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 DRAWING NO.
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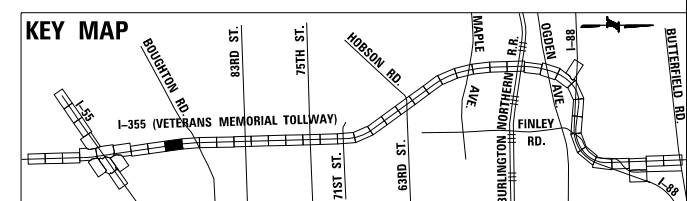
DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050) ✕ CB [R]
- REMOVE CONCRETE END SECTION (X5010523) ✕ FES [R]
- CONCRETE HEADWALL REMOVAL (50104400) ✕ HW [R]
- LINEAR REMOVAL ITEM - - - - -
- OUTLET →
- ROADSIDE DITCH - - - - -
- VEGETATION [Dotted Area]
- DETENTION POND [Shaded Area]
- WATERS OF THE U.S. [Solid Area]
- WETLAND [Dashed Area]

NO DRAINAGE WORK
SHOWN ON THIS SHEET



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 ILLINOIS 60515

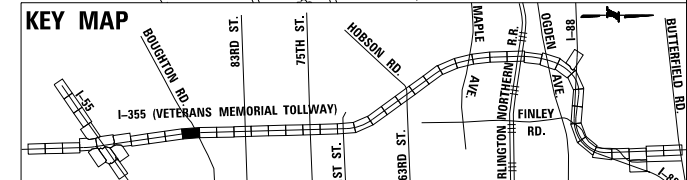
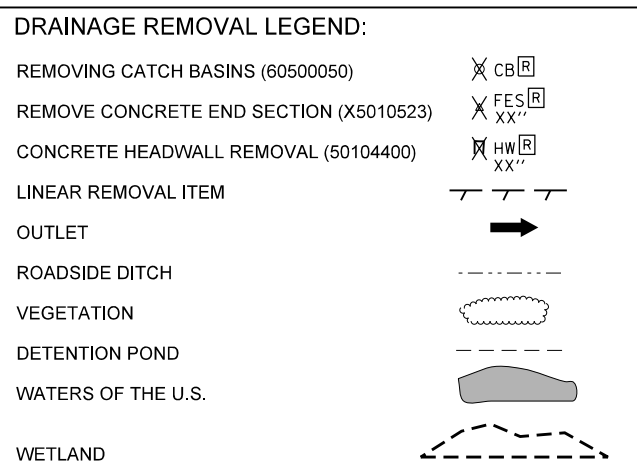
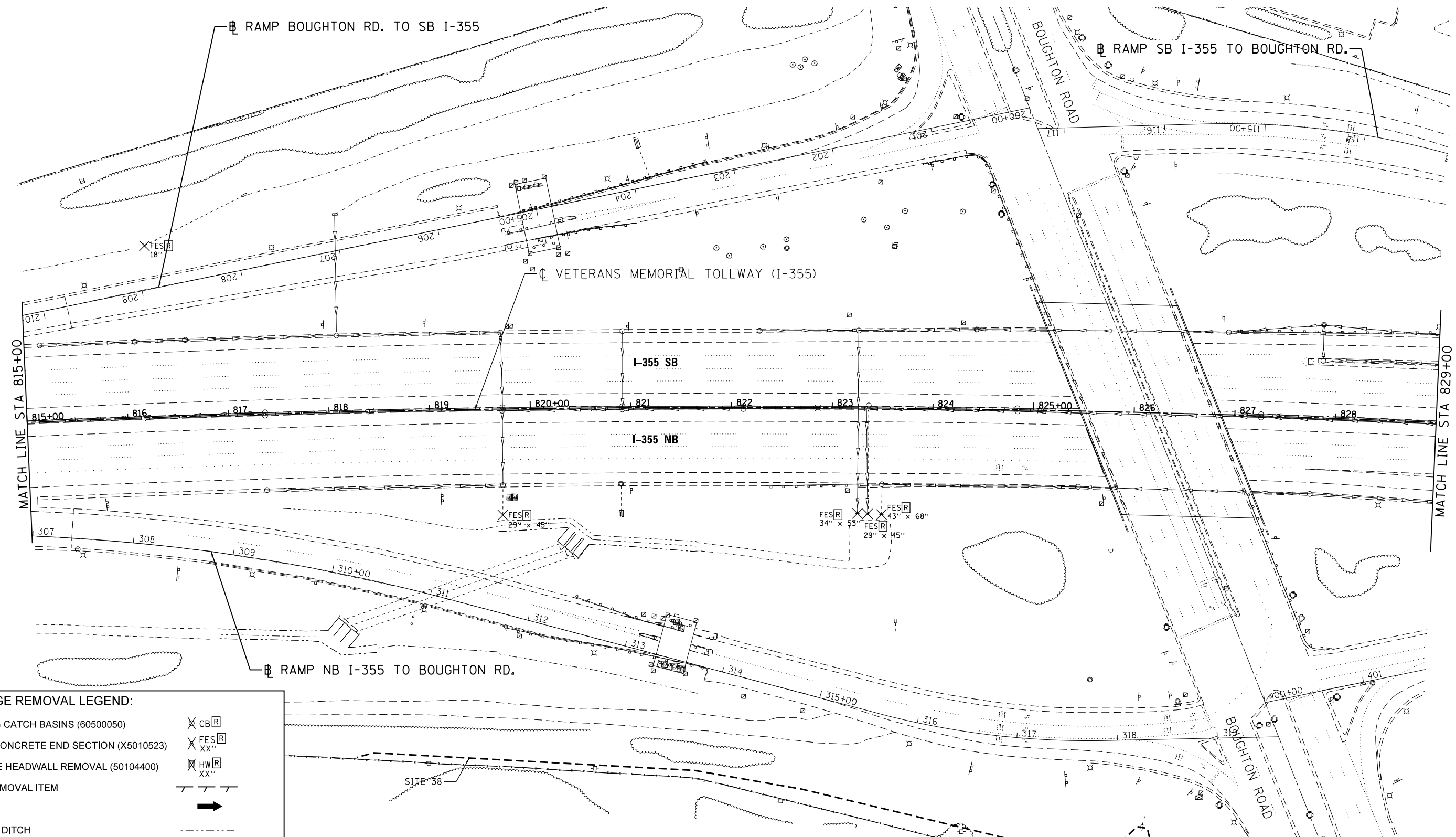
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 801+00 - STA 815+00

SHT NO. DE16
 DRAWING NO.
 495 OF 1517



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 DOWNERS GROVE,
 ILLINOIS 60515

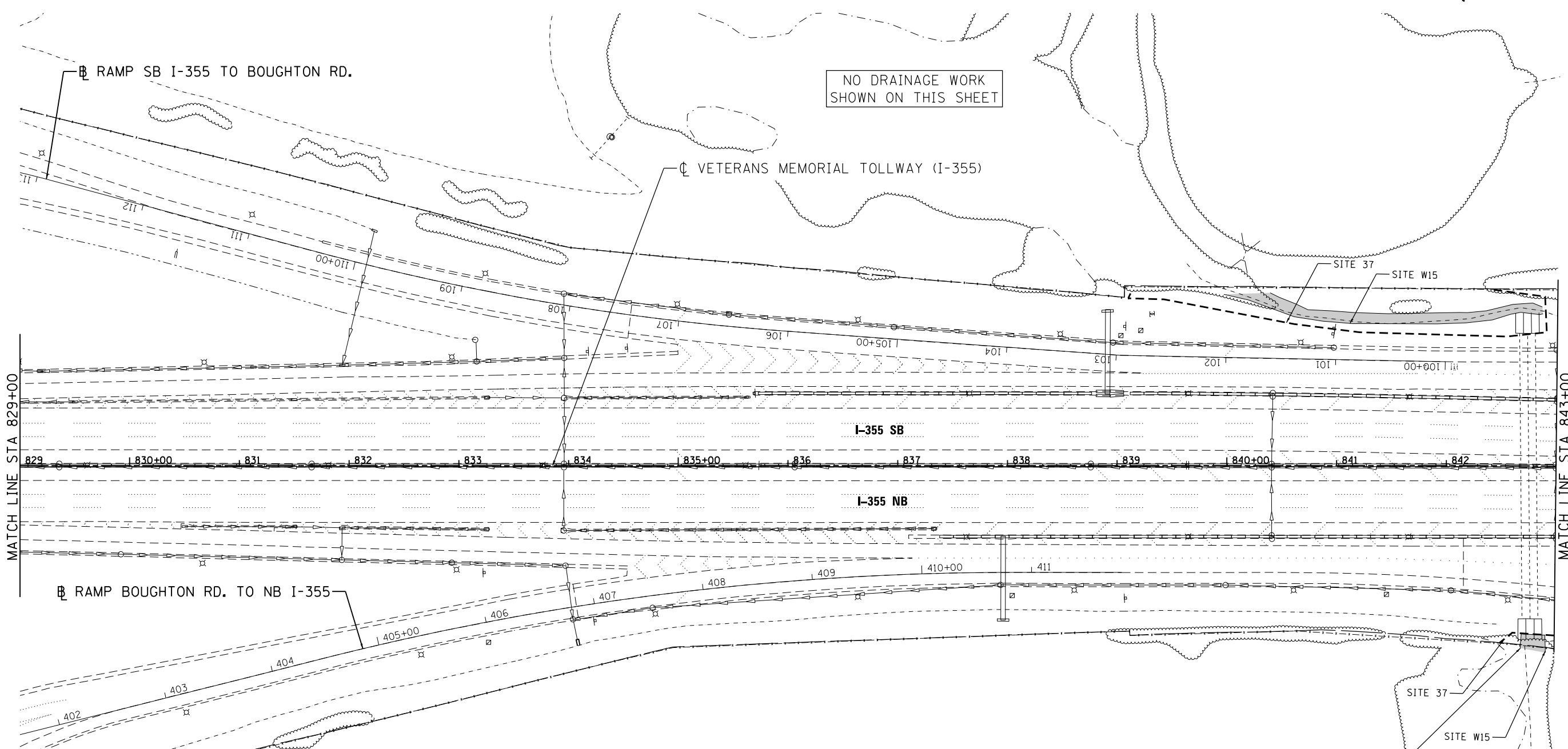
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NO.	DATE	DESCRIPTION	

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 815+00 - STA 829+00

SHT NO. DE17
 DRAWING NO.
 496 OF 1517



NO DRAINAGE WORK
SHOWN ON THIS SHEET

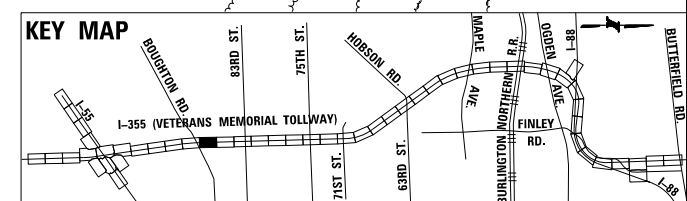


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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	✕ CB [R]
REMOVE CONCRETE END SECTION (X5010523)	✕ FES [R]
CONCRETE HEADWALL REMOVAL (50104400)	✕ HW [R]
LINEAR REMOVAL ITEM	--- [R]
OUTLET	➔
ROADSIDE DITCH	---
VEGETATION	~~~~~
DETENTION POND	▭
WATERS OF THE U.S.	▭
WETLAND	▭

UNNAMED TRIBUTARY TO THE
EAST BRANCH DUPAGE RIVER



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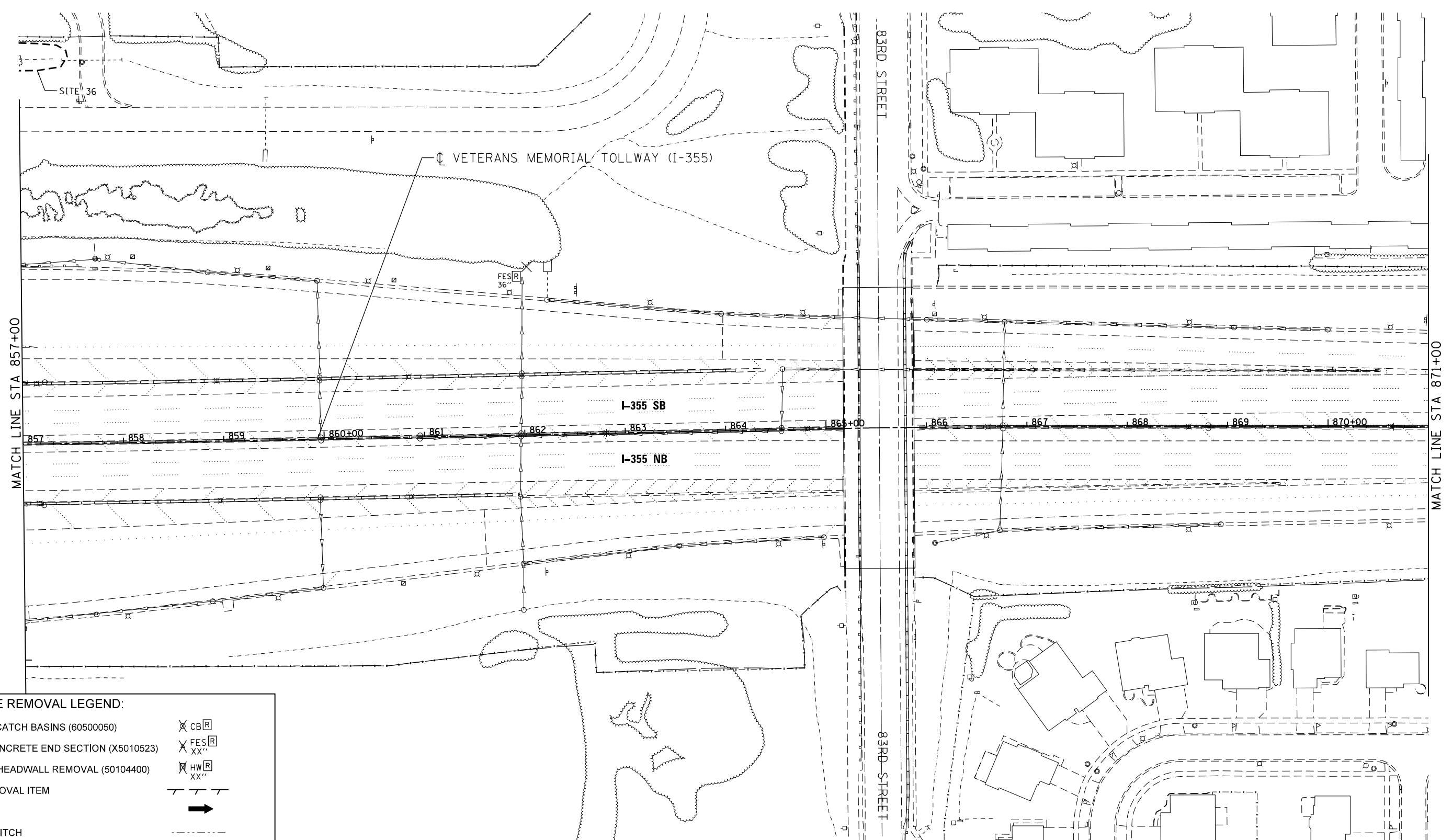
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 829+00 - STA 843+00

SHT NO. DE18
 DRAWING NO.
 497 OF 1517

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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	⊗ CB [R]
REMOVE CONCRETE END SECTION (X5010523)	⊗ FES [R]
CONCRETE HEADWALL REMOVAL (50104400)	⊗ HW [R]
LINEAR REMOVAL ITEM	— / — / —
OUTLET	➔
ROADSIDE DITCH	— — — — —
VEGETATION	⬭
DETENTION POND	⬭
WATERS OF THE U.S.	⬭
WETLAND	⬭

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REVISIONS		
NO.	DATE	DESCRIPTION

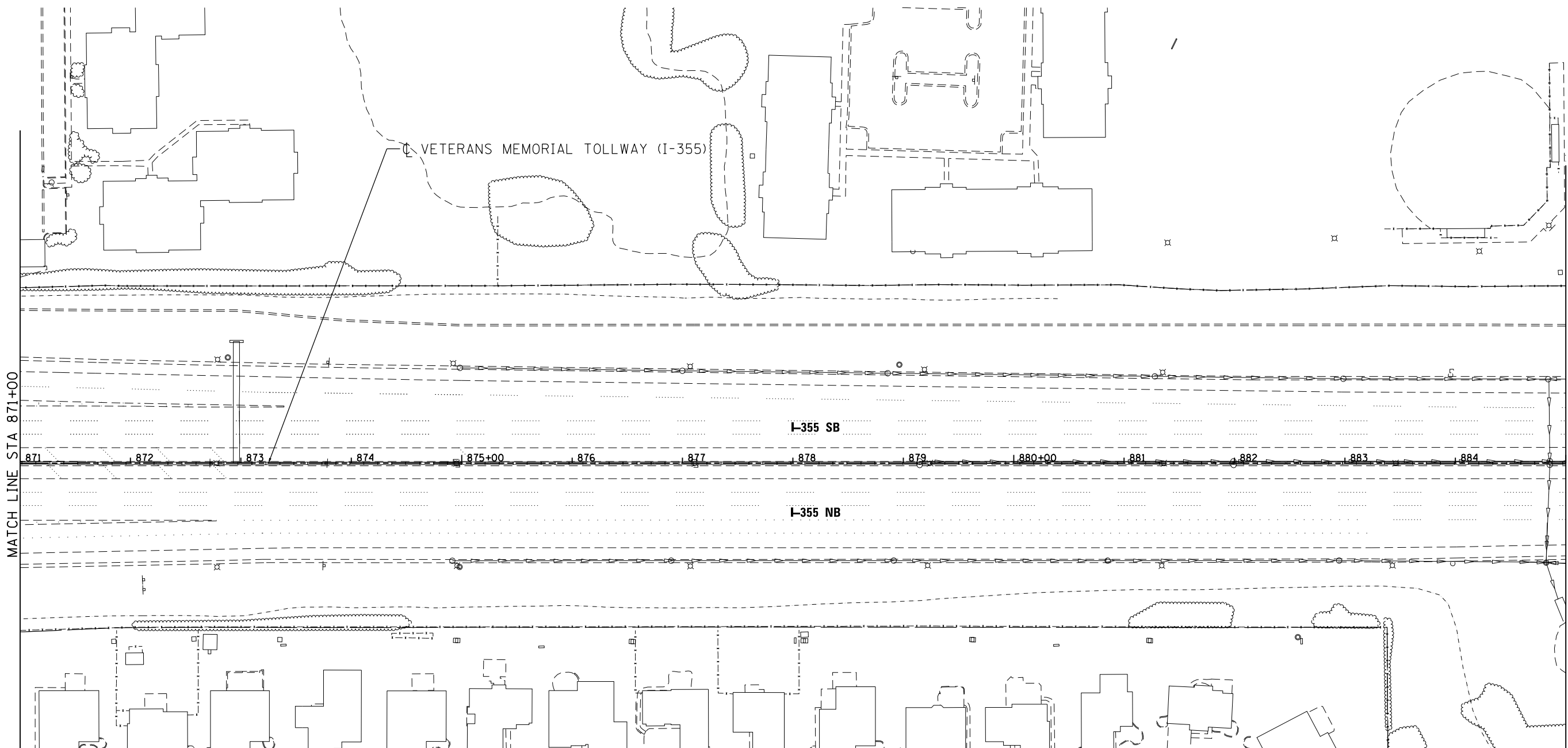
KEY MAP

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 857+00 - STA 871+00

SHT NO. DE20
 DRAWING NO. 499 OF 1517



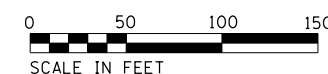
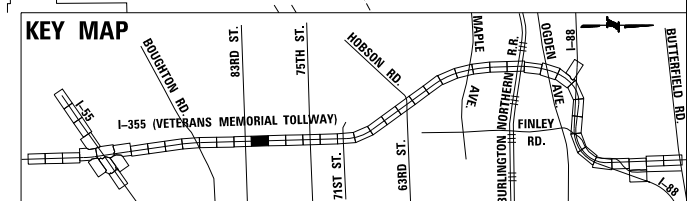
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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	
REMOVE CONCRETE END SECTION (X5010523)	
CONCRETE HEADWALL REMOVAL (50104400)	
LINEAR REMOVAL ITEM	
OUTLET	
ROADSIDE DITCH	
VEGETATION	
DETENTION POND	
WATERS OF THE U.S.	
WETLAND	



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


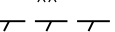

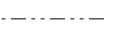
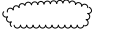


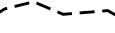
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

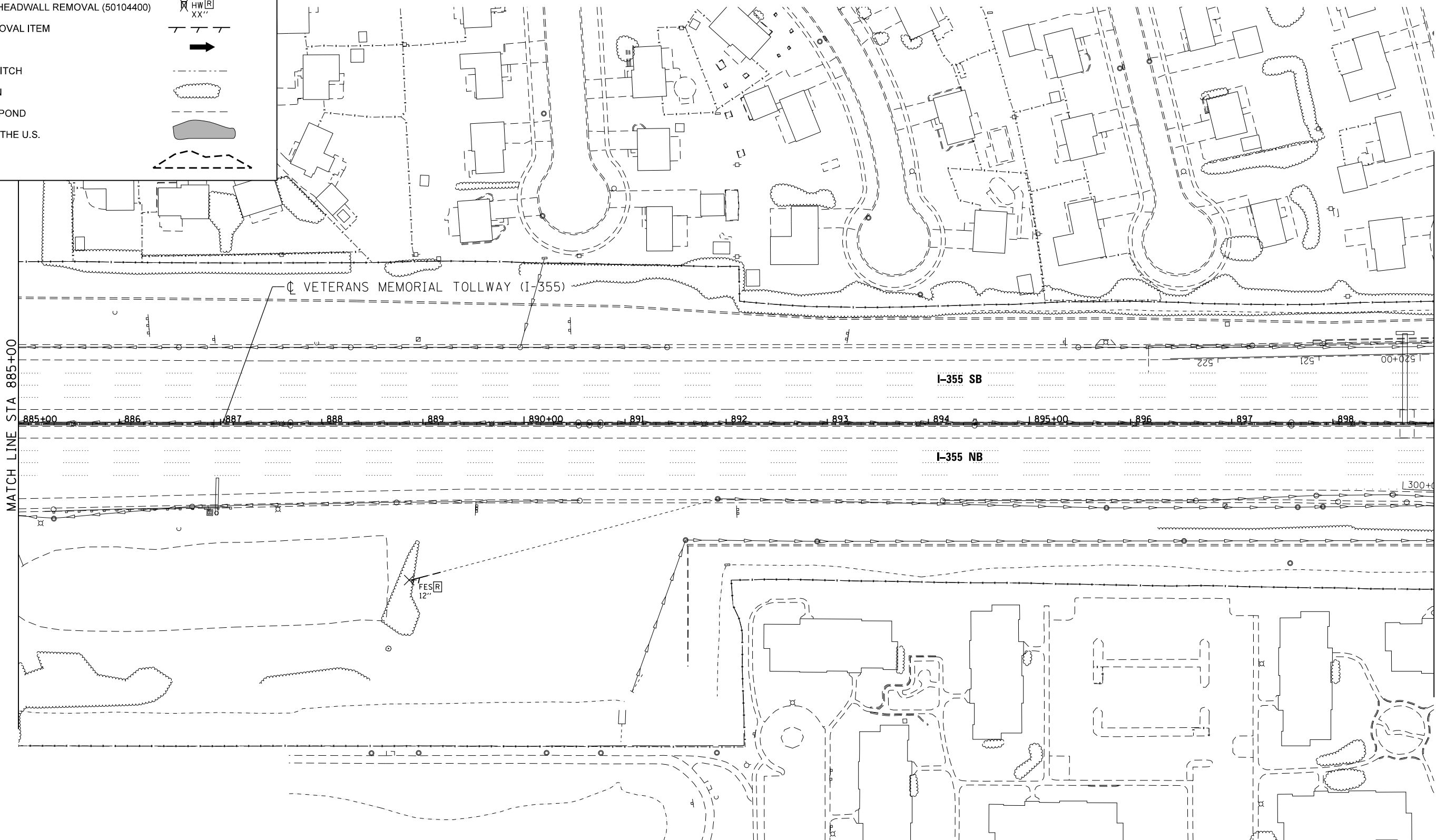
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 871+00 - STA 885+00

SHT NO. DE21
 DRAWING NO.
 500 OF 1517

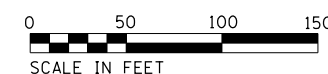
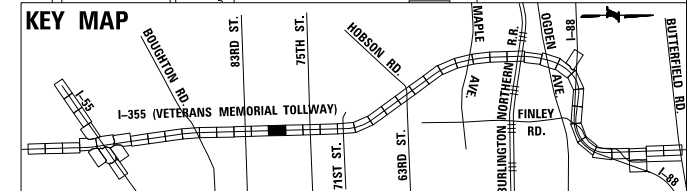
DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050)  CB [R]
- REMOVE CONCRETE END SECTION (X5010523)  FES [R]
- CONCRETE HEADWALL REMOVAL (50104400)  HW [R]
- LINEAR REMOVAL ITEM 
- OUTLET 
- ROADSIDE DITCH 
- VEGETATION 
- DETENTION POND 
- WATERS OF THE U.S. 
- WETLAND 



MATCH LINE STA 885+00

MATCH LINE STA 899+00



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 Chicago, IL 60661



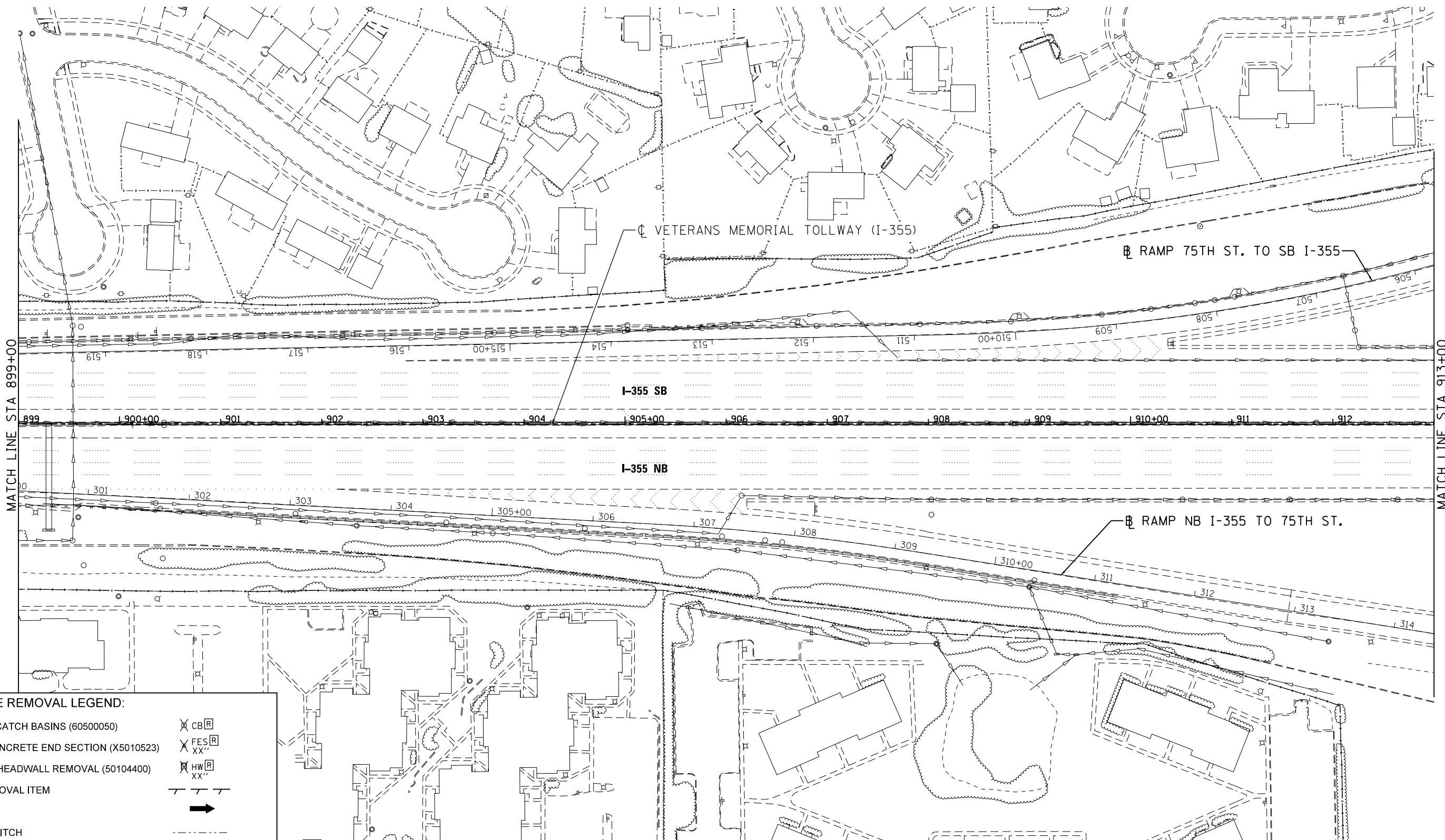
2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 885+00 - STA 899+00

SHT NO. DE22
 DRAWING NO.
 501 OF 1517

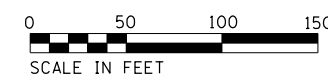
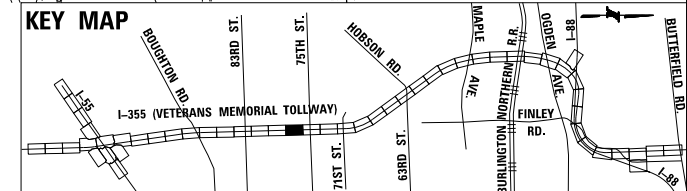
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DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050)
- REMOVE CONCRETE END SECTION (X5010523)
- CONCRETE HEADWALL REMOVAL (50104400)
- LINEAR REMOVAL ITEM
- OUTLET
- ROADSIDE DITCH
- VEGETATION
- DETENTION POND
- WATERS OF THE U.S.
- WETLAND



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 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

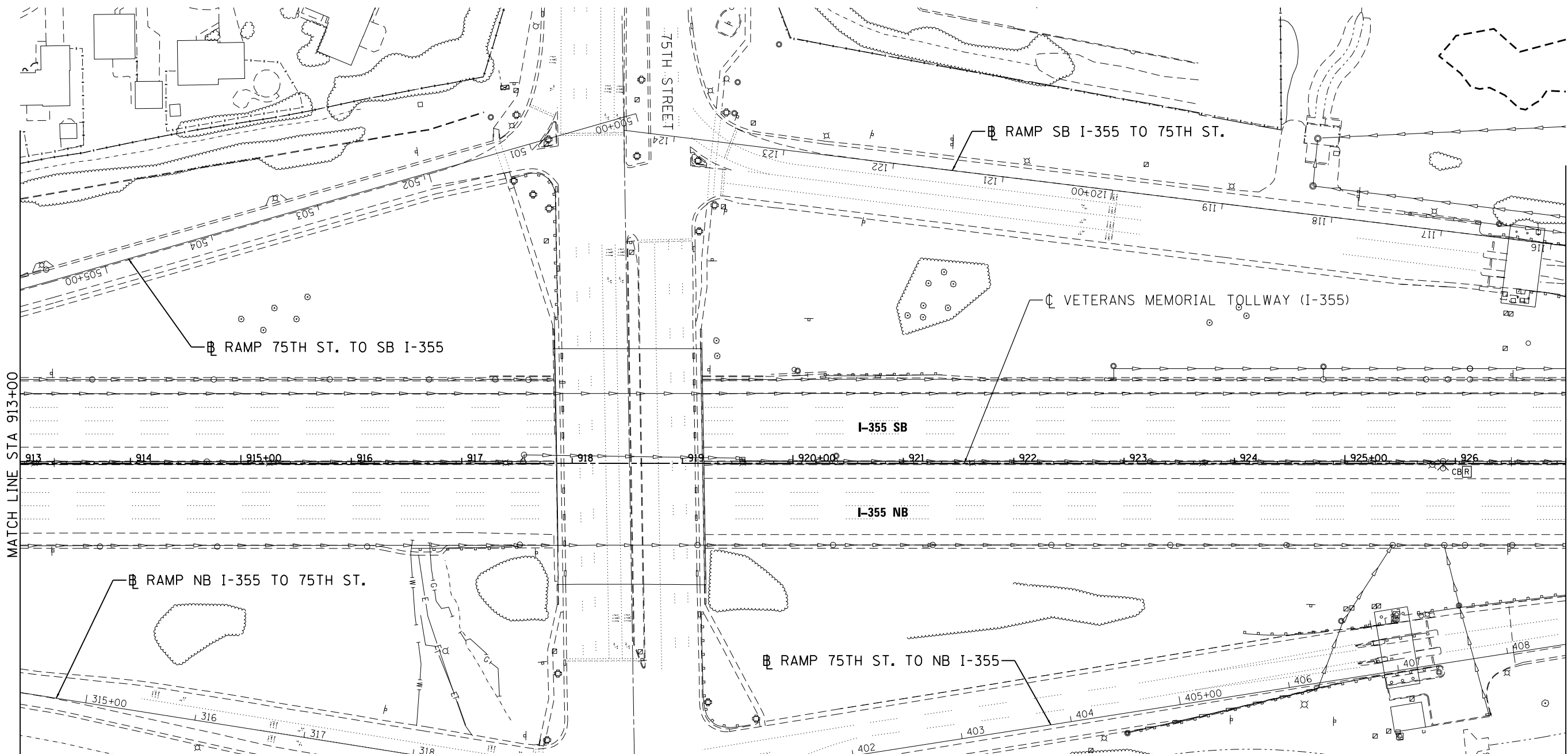
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CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 899+00 - STA 913+00

SHT NO. DE23
 DRAWING NO.
 502 OF 1517

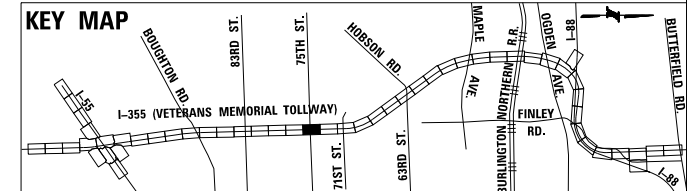


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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	☒ CB
REMOVE CONCRETE END SECTION (X5010523)	☒ FES
CONCRETE HEADWALL REMOVAL (50104400)	☒ HW
LINEAR REMOVAL ITEM	---
OUTLET	➔
ROADSIDE DITCH	---
VEGETATION	⊖
DETENTION POND	⊖
WATERS OF THE U.S.	⊖
WETLAND	⊖



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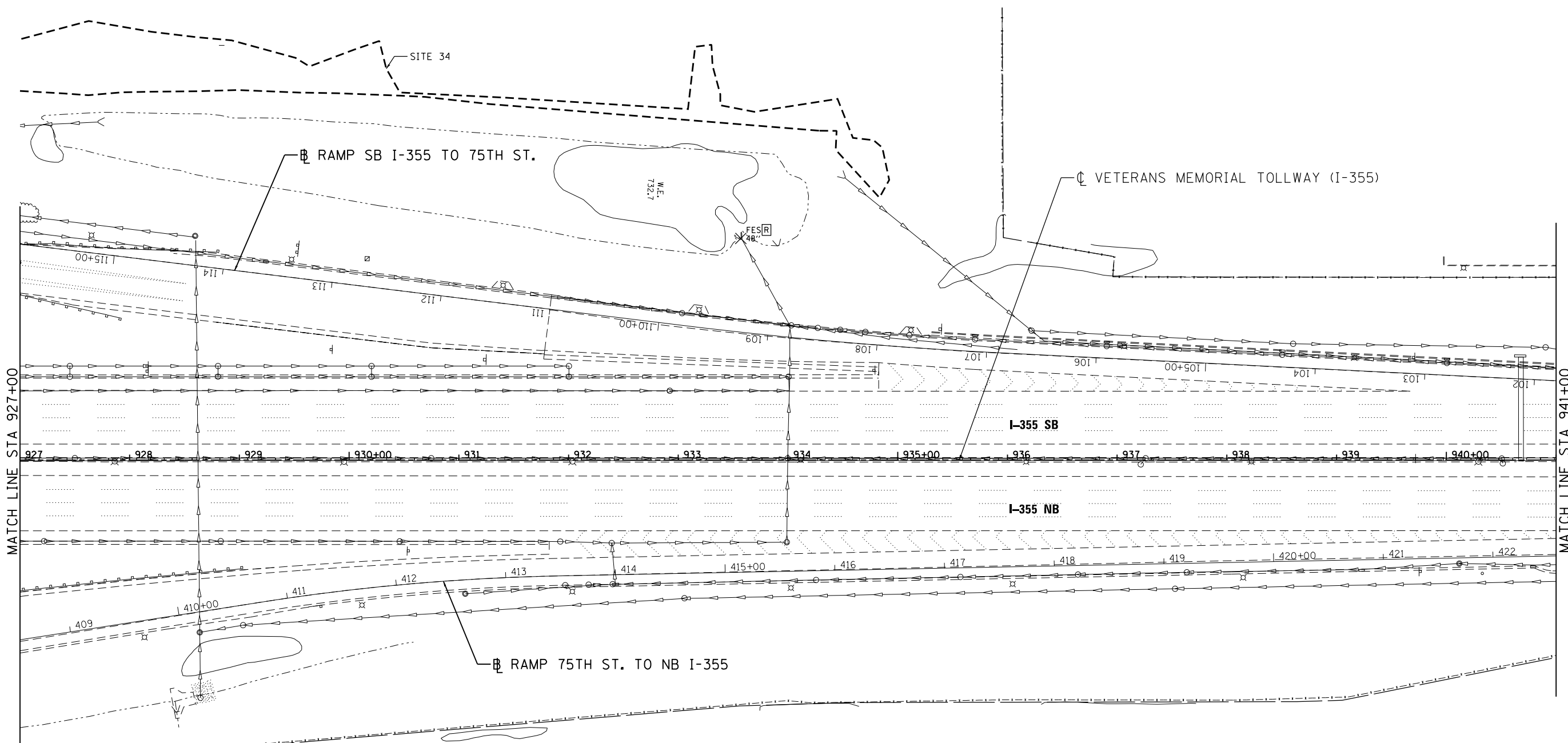
2im GROUP
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NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 913+00 - STA 927+00

SHT NO. DE24
 DRAWING NO.
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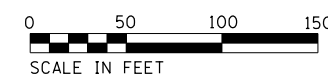
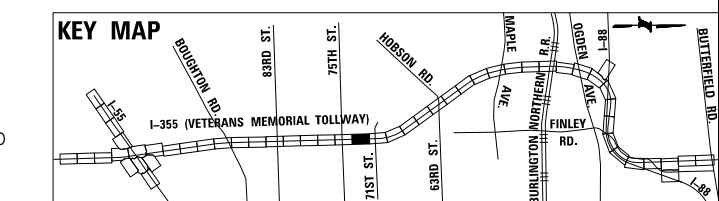
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CONCRETE HEADWALL REMOVAL (50104400)	⊗ HW [R]
LINEAR REMOVAL ITEM	---
OUTLET	➔
ROADSIDE DITCH	- - - -
VEGETATION	~~~~~
DETENTION POND	▭
WATERS OF THE U.S.	▭
WETLAND	- - - -

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REVISIONS	
NO.	DESCRIPTION

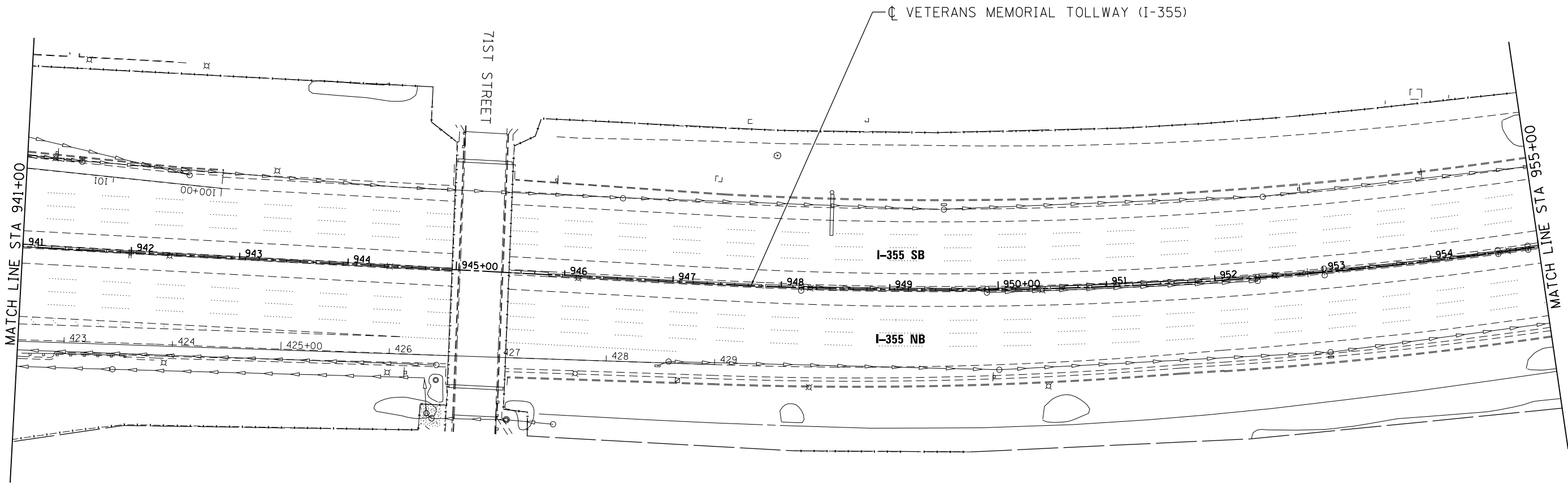


CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 927+00 - STA 941+00

SHT NO. DE25
 DRAWING NO.
 504 OF 1517



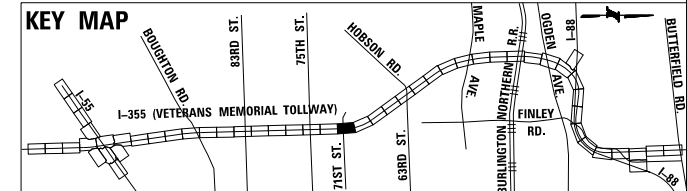
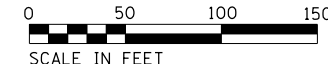
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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	
REMOVE CONCRETE END SECTION (X5010523)	
CONCRETE HEADWALL REMOVAL (50104400)	
LINEAR REMOVAL ITEM	
OUTLET	
ROADSIDE DITCH	
VEGETATION	
DETENTION POND	
WATERS OF THE U.S.	
WETLAND	



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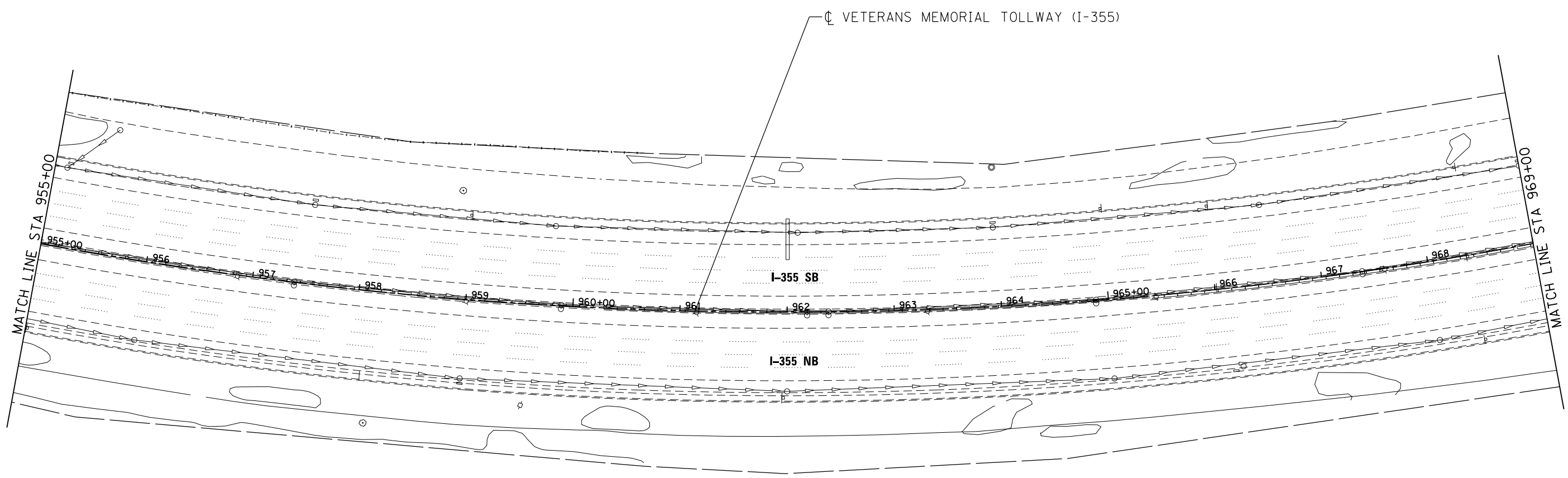
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CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
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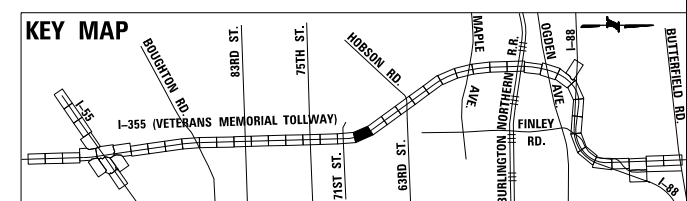
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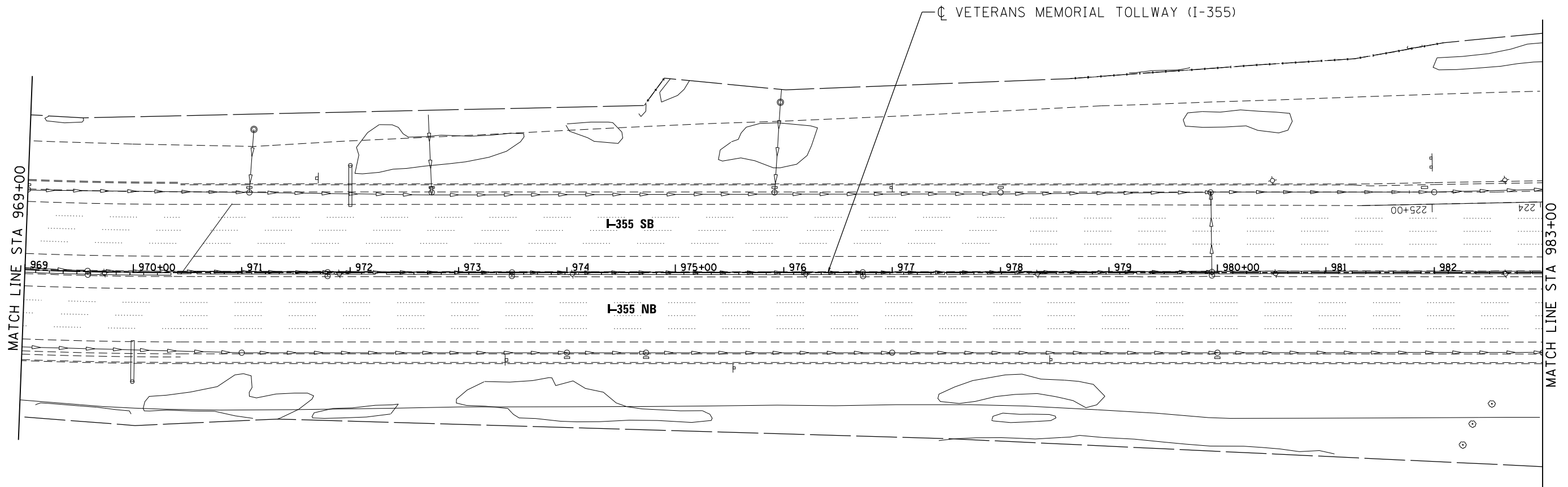
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
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CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 955+00 - STA 969+00




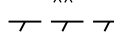

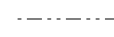
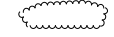


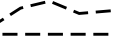
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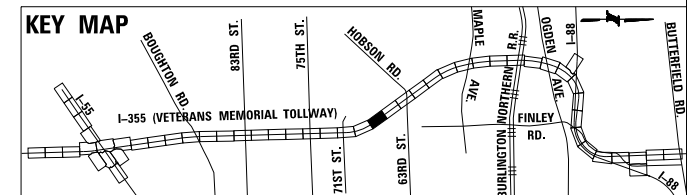
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DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050) 
- REMOVE CONCRETE END SECTION (X5010523) 
- CONCRETE HEADWALL REMOVAL (50104400) 
- LINEAR REMOVAL ITEM 
- OUTLET 
- ROADSIDE DITCH 
- VEGETATION 
- DETENTION POND 
- WATERS OF THE U.S. 
- WETLAND 



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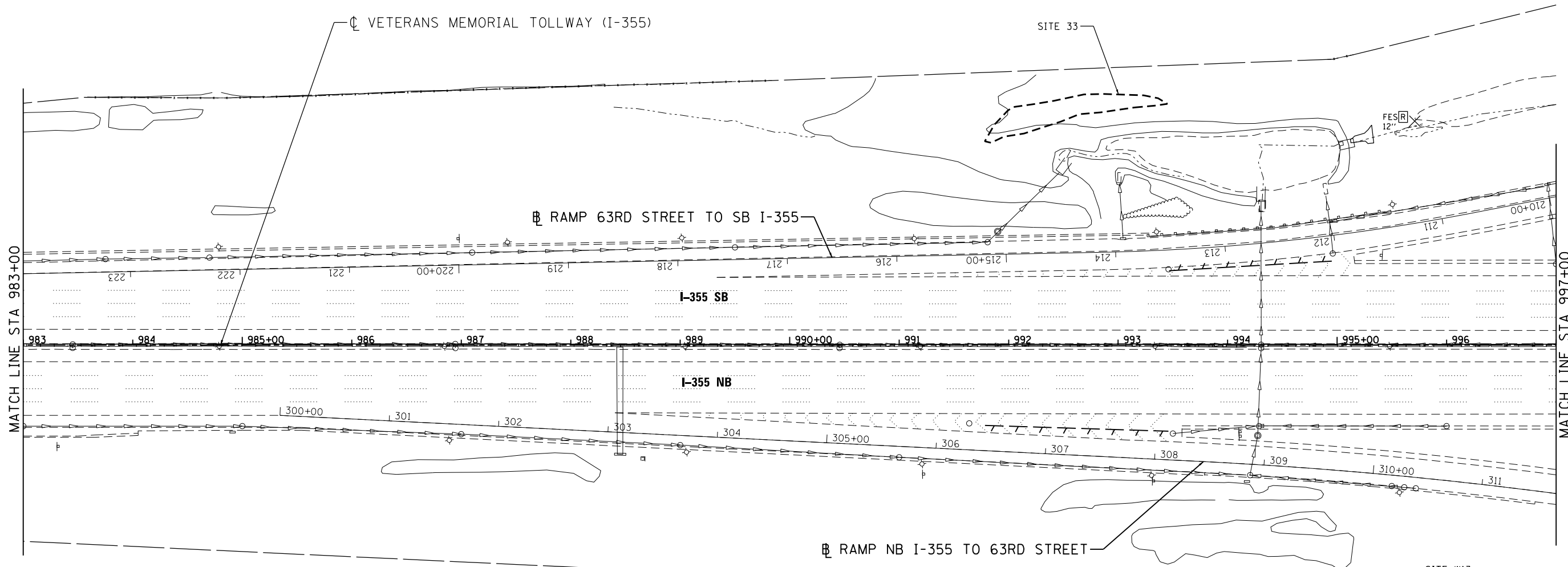
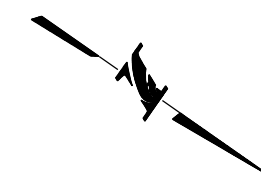


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REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 969+00 - STA 983+00

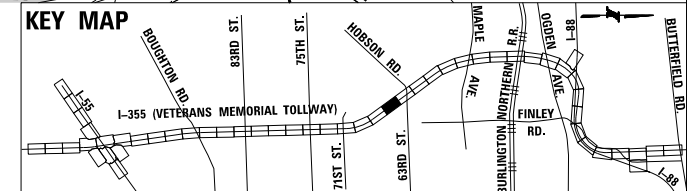
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 DRAWING NO.
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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	⊗ CB [R]
REMOVE CONCRETE END SECTION (X5010523)	⊗ FES [R] XX''
CONCRETE HEADWALL REMOVAL (50104400)	⊗ HW [R] XX''
LINEAR REMOVAL ITEM	— — — — —
OUTLET	➔
ROADSIDE DITCH	- - - - -
VEGETATION	⊞
DETENTION POND	⊞
WATERS OF THE U.S.	⊞
WETLAND	⊞



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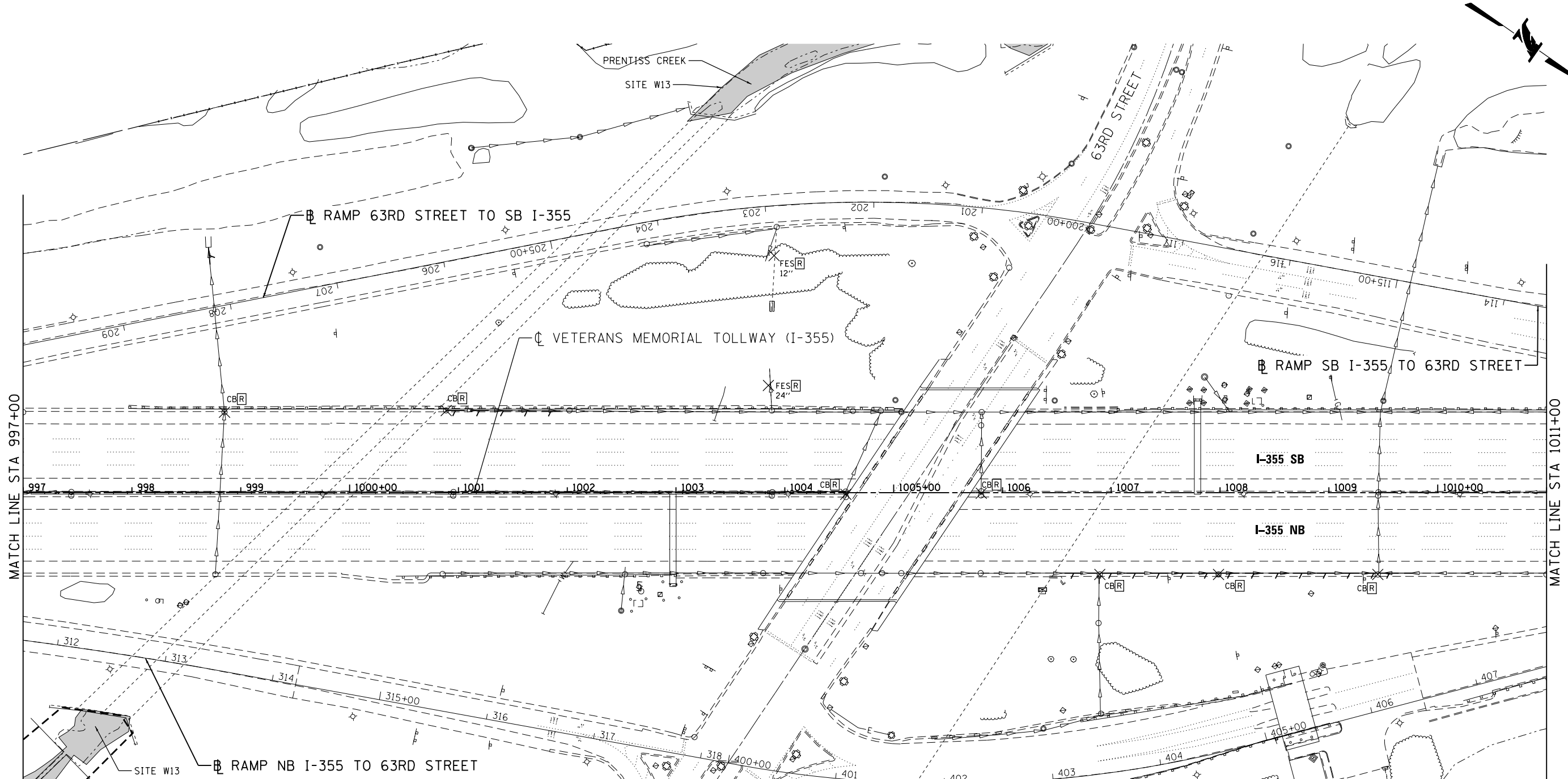
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 983+00 - STA 997+00

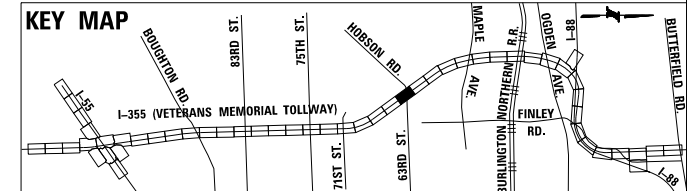
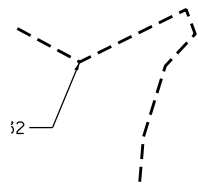
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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	✕ CB[R]
REMOVE CONCRETE END SECTION (X5010523)	✕ FES[R]
CONCRETE HEADWALL REMOVAL (50104400)	✕ HW[R]
LINEAR REMOVAL ITEM	— — — — —
OUTLET	➔
ROADSIDE DITCH	- - - - -
VEGETATION	⊖
DETENTION POND	⊖
WATERS OF THE U.S.	⊖
WETLAND	⊖



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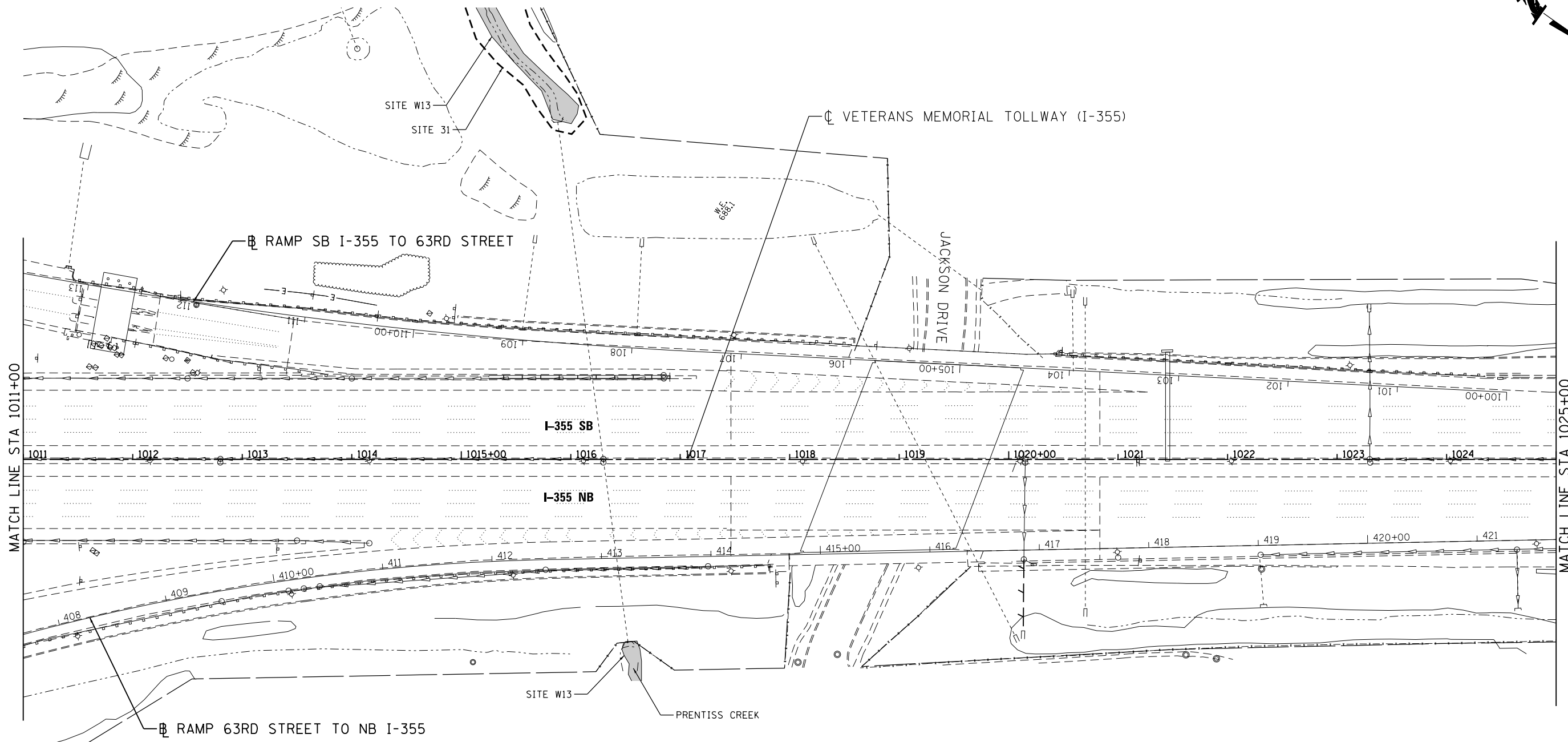
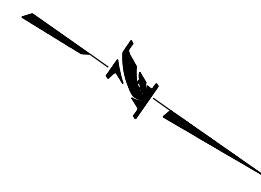
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NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 997+00 - STA 1011+00

SHT NO. DE30
 DRAWING NO.
 509 OF 1517



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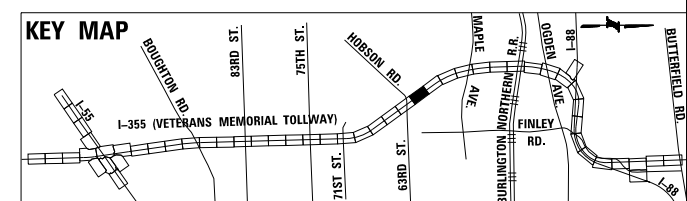
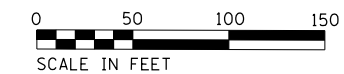
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LINEAR REMOVAL ITEM	
OUTLET	
ROADSIDE DITCH	
VEGETATION	
DETENTION POND	
WATERS OF THE U.S.	
WETLAND	

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 ILLINOIS 60515

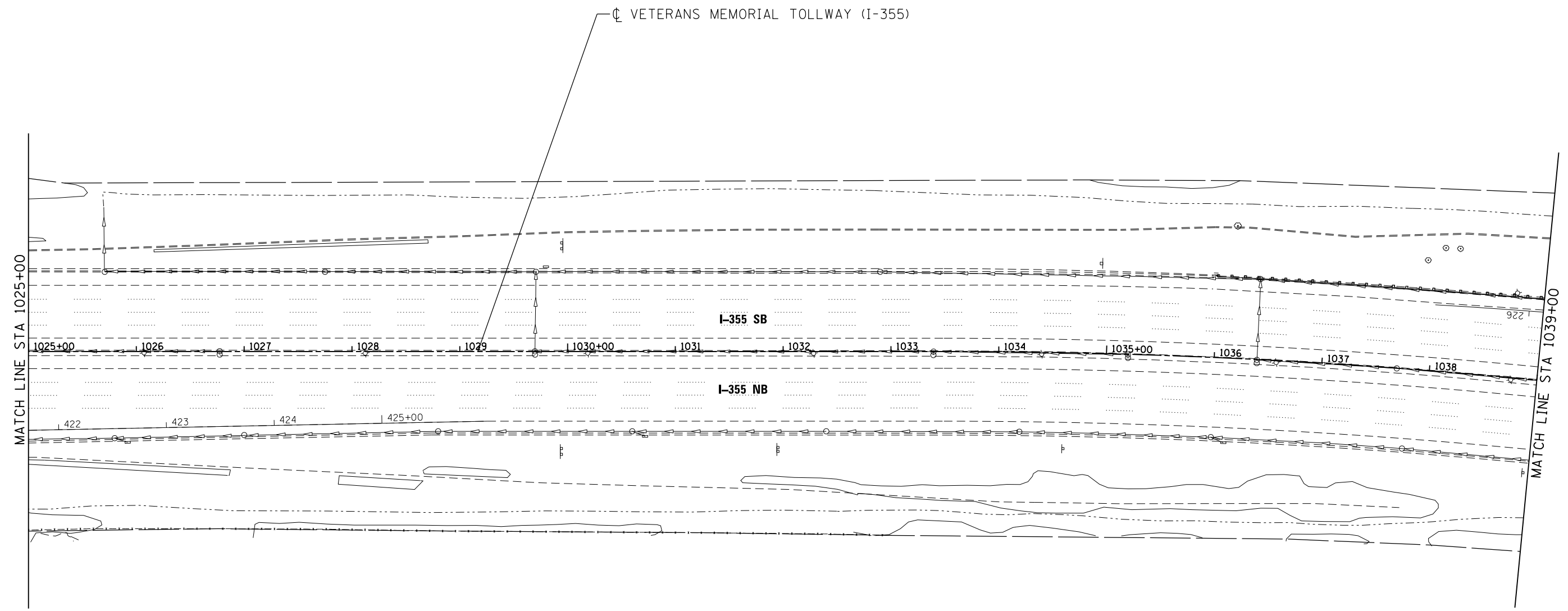
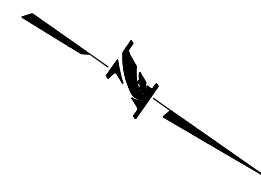
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CONTRACT NO. RR-16-4255
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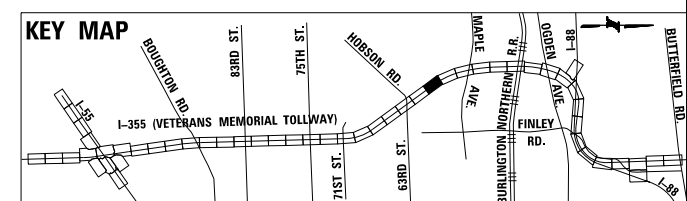
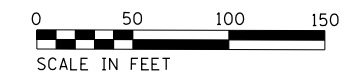
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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	
REMOVE CONCRETE END SECTION (X5010523)	
CONCRETE HEADWALL REMOVAL (50104400)	
LINEAR REMOVAL ITEM	
OUTLET	
ROADSIDE DITCH	
VEGETATION	
DETENTION POND	
WATERS OF THE U.S.	
WETLAND	



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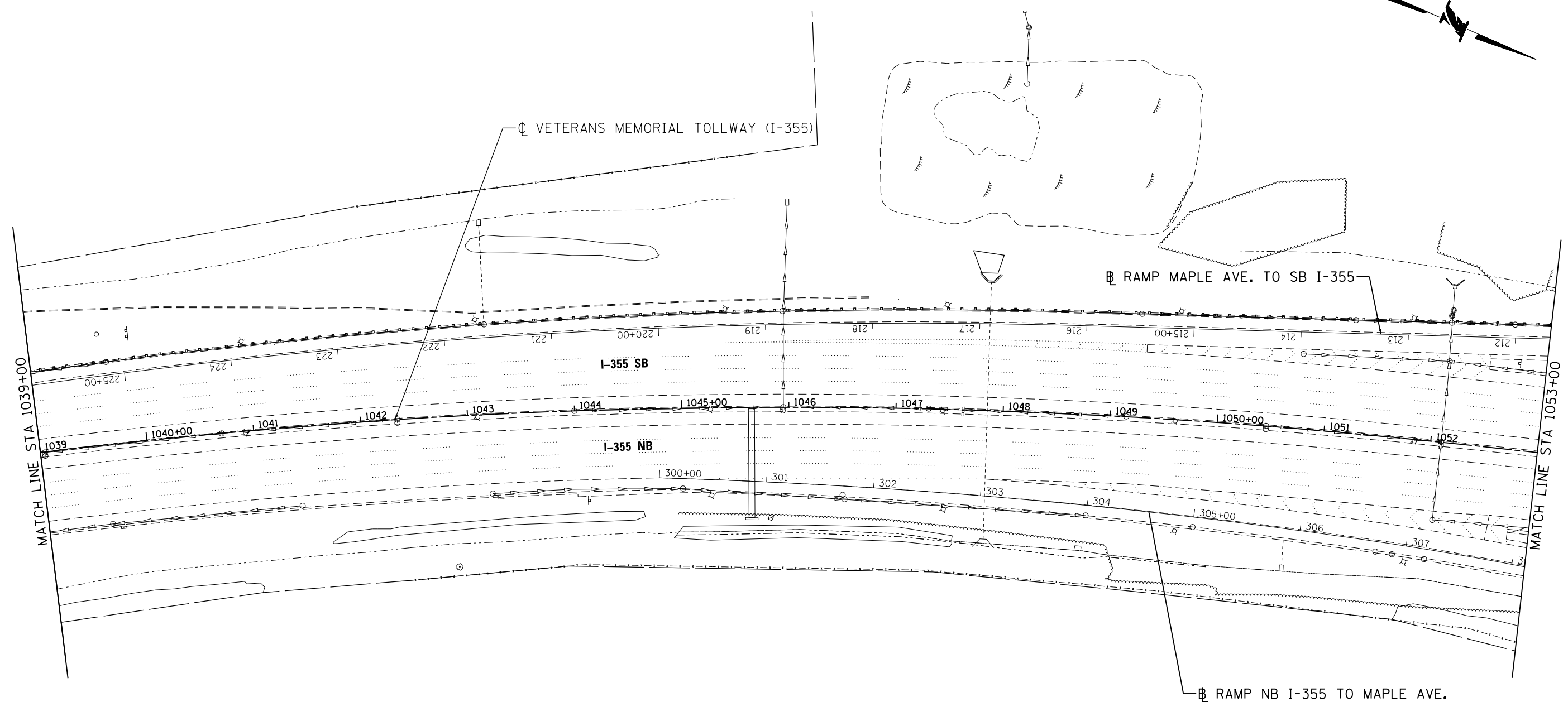
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
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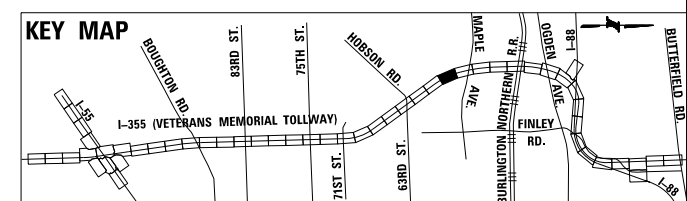
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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	⊗ CB [R]
REMOVE CONCRETE END SECTION (X5010523)	⊗ FES [R] XX''
CONCRETE HEADWALL REMOVAL (50104400)	⊗ HW [R] XX''
LINEAR REMOVAL ITEM	— — — — —
OUTLET	➔
ROADSIDE DITCH	- - - - -
VEGETATION	⊞
DETENTION POND	⊞
WATERS OF THE U.S.	⊞
WETLAND	⊞



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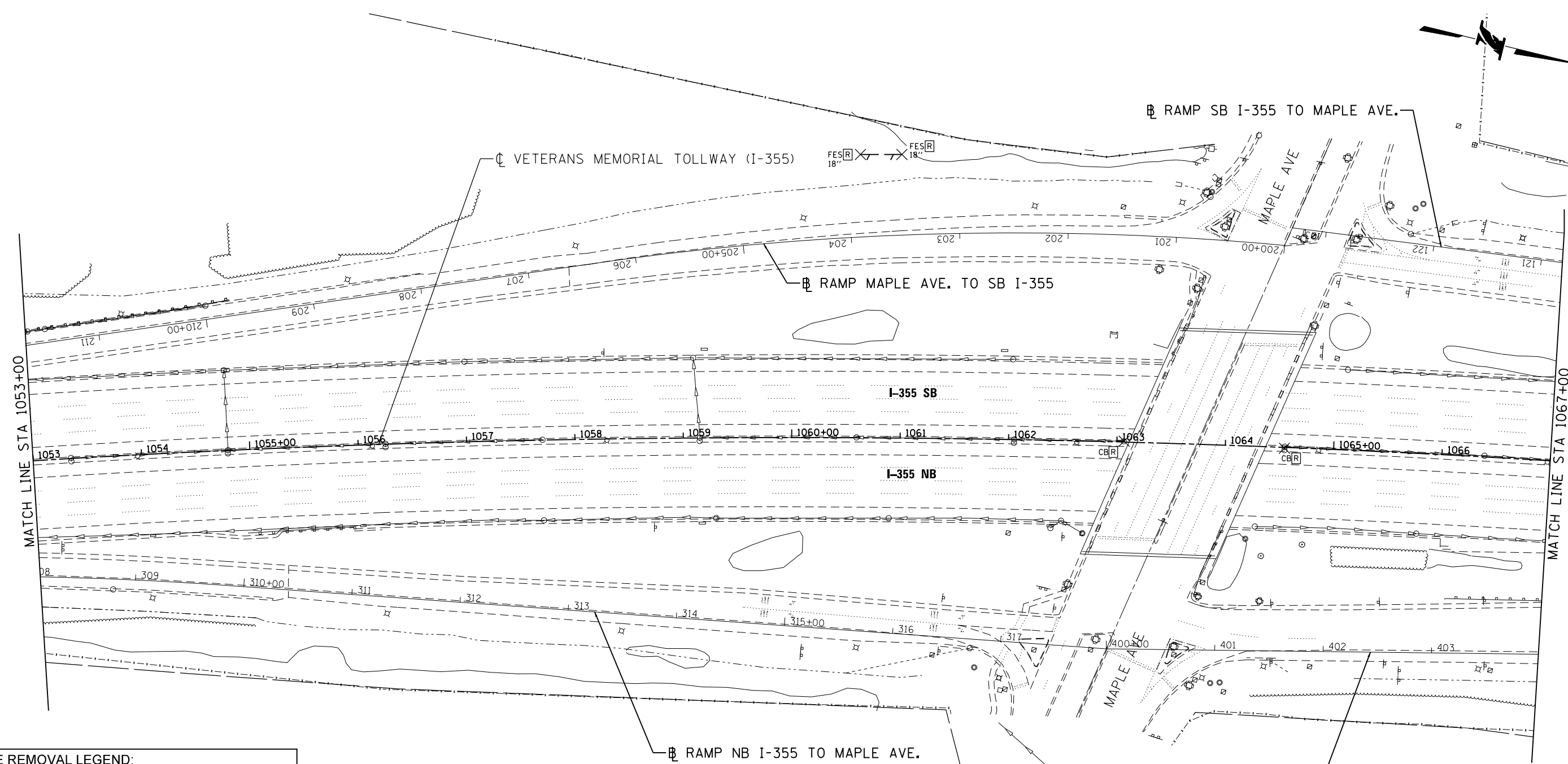
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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 DOWNERS GROVE,
 ILLINOIS 60515

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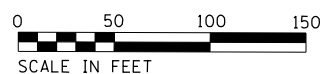
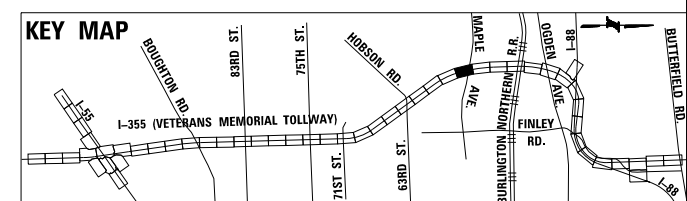
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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	⊗ CB [R]
REMOVE CONCRETE END SECTION (X5010523)	⊗ FES [R]
CONCRETE HEADWALL REMOVAL (50104400)	⊗ HW [R]
LINEAR REMOVAL ITEM	--- ---
OUTLET	→
ROADSIDE DITCH	--- ---
VEGETATION	⊞
DETENTION POND	⊞
WATERS OF THE U.S.	⊞
WETLAND	⊞



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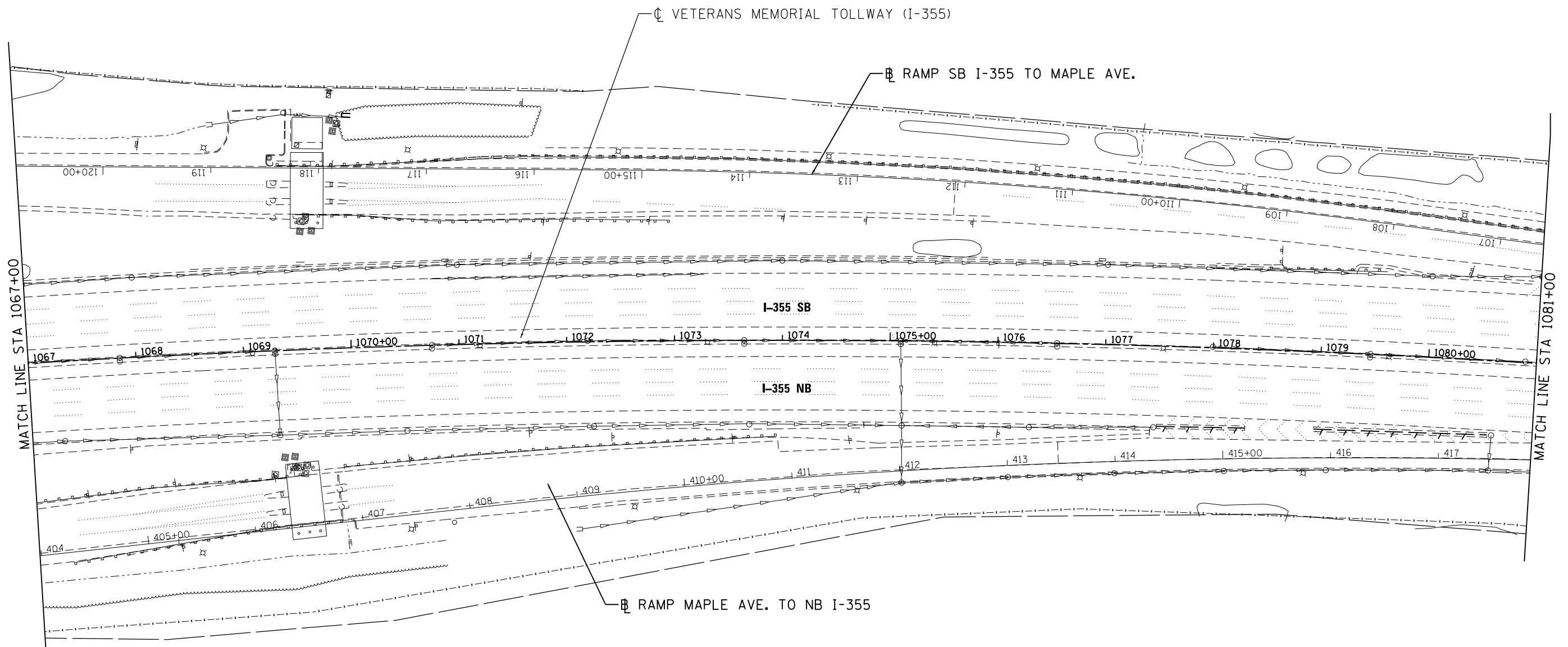


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 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1053+00 - STA 1067+00

SHT NO. DE34
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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	✕ CB [R]
REMOVE CONCRETE END SECTION (X5010523)	✕ FES [R] XX''
CONCRETE HEADWALL REMOVAL (50104400)	✕ HW [R] XX''
LINEAR REMOVAL ITEM	--- ---
OUTLET	→
ROADSIDE DITCH	-----
VEGETATION	~~~~~
DETENTION POND	~~~~~
WATERS OF THE U.S.	~~~~~
WETLAND	~~~~~

DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

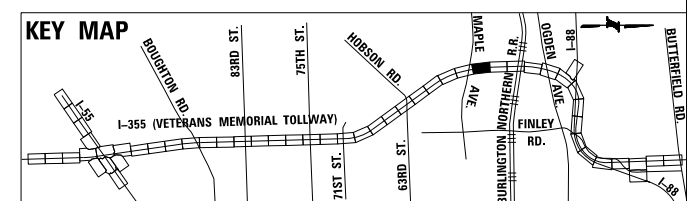
2im GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

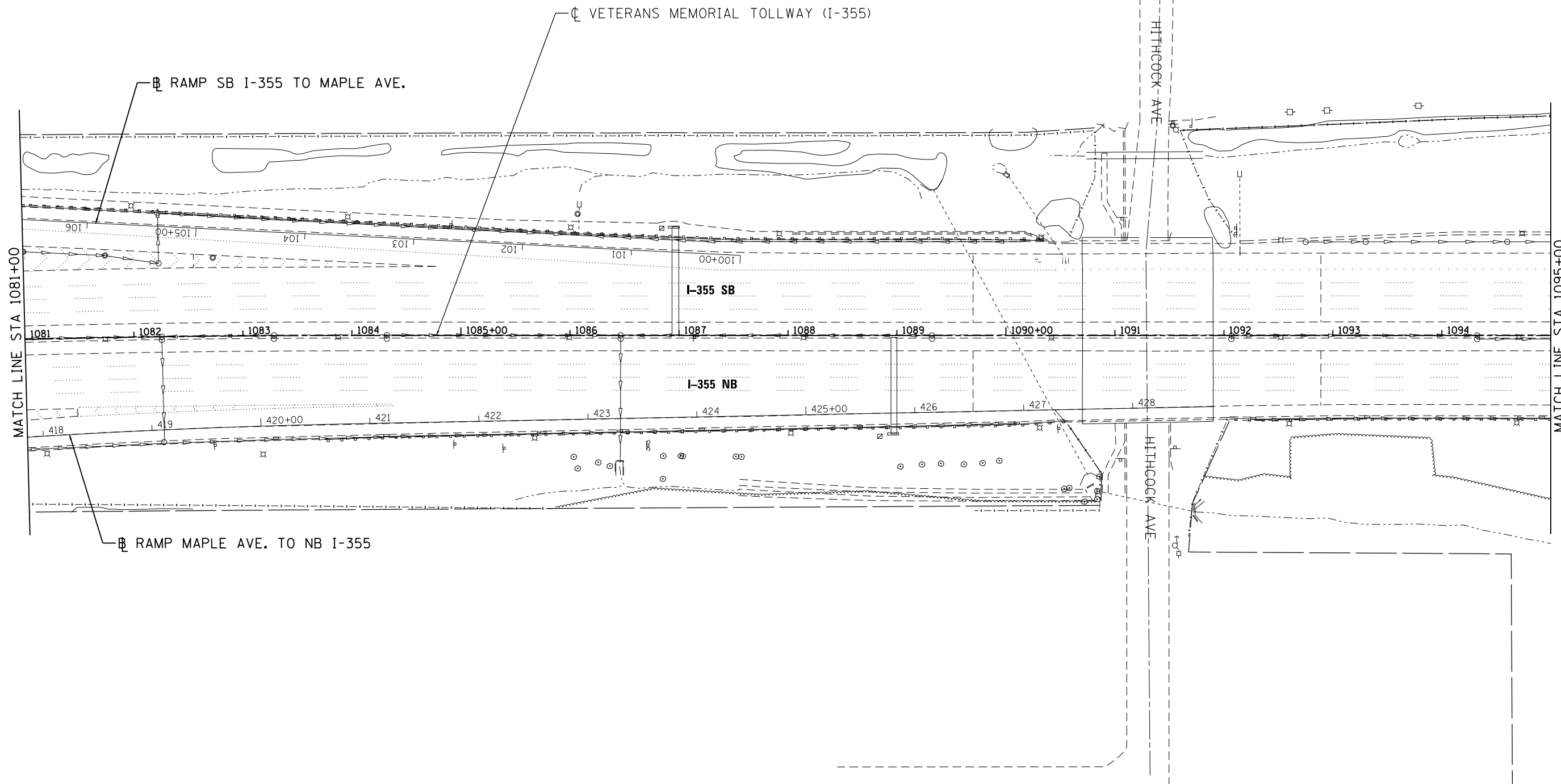
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1067+00 - STA 1081+00

SHT NO. DE35
 DRAWING NO.
 514 OF 1517

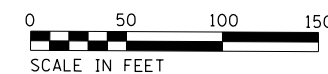
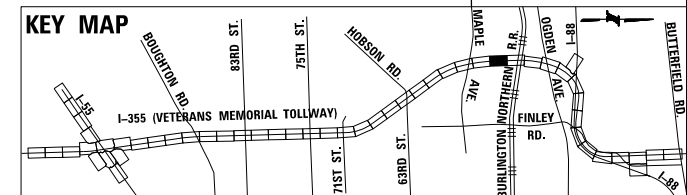


NO DRAINAGE WORK
SHOWN ON THIS SHEET



MATCH LINE STA 1081+00

MATCH LINE STA 1095+00



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 Suite 350
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 DOWNERS GROVE,
 ILLINOIS 60515

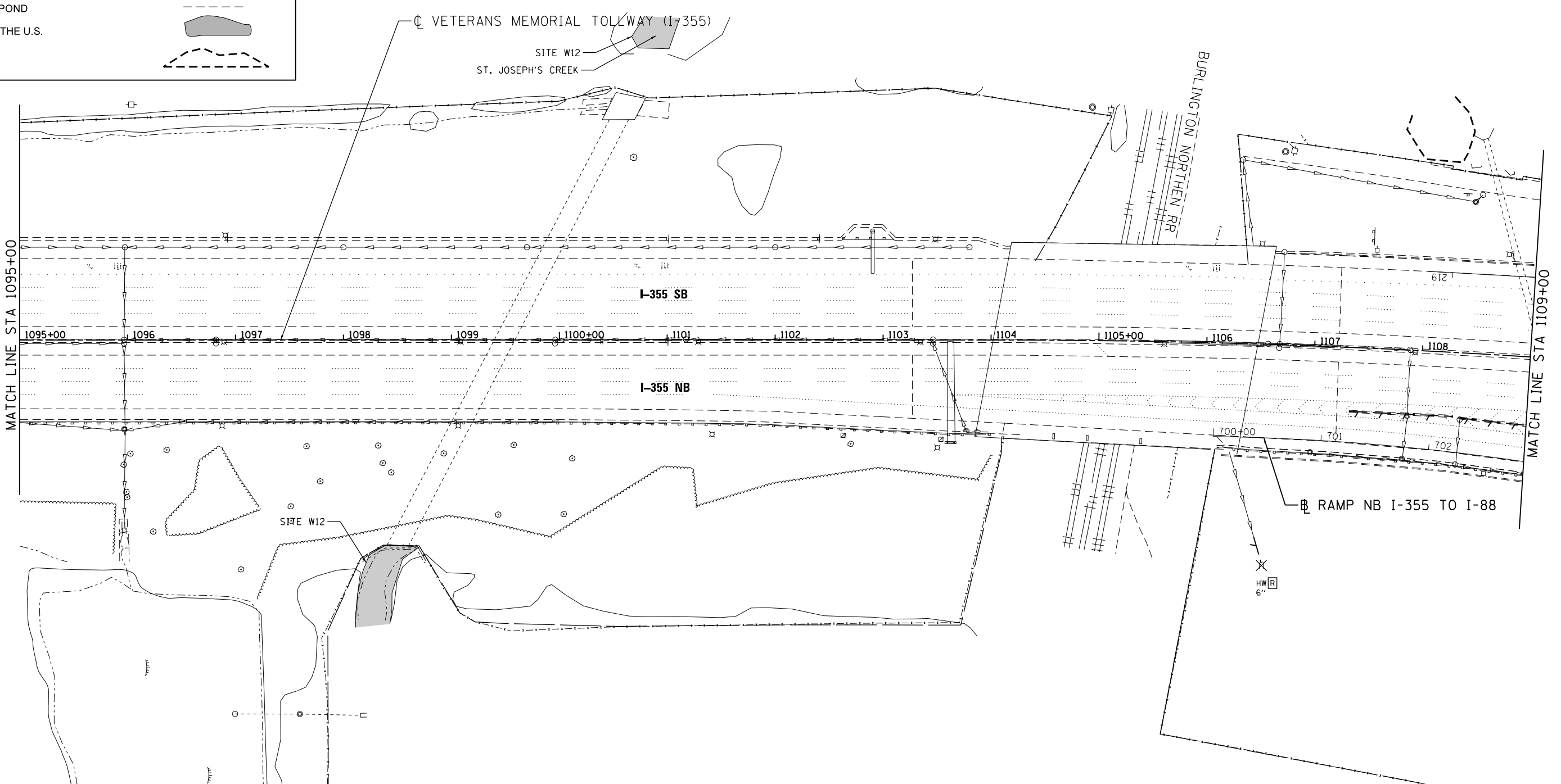
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1081+00 - STA 1095+00

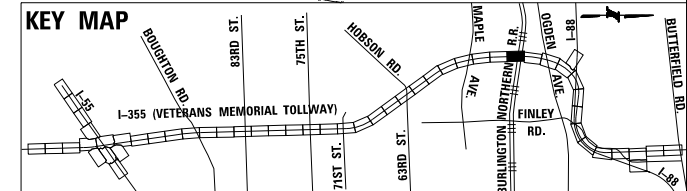
SHT NO. DE36
 DRAWING NO.
 515 OF 1517

DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050)
- REMOVE CONCRETE END SECTION (X5010523)
- CONCRETE HEADWALL REMOVAL (50104400)
- LINEAR REMOVAL ITEM
- OUTLET
- ROADSIDE DITCH
- VEGETATION
- DETENTION POND
- WATERS OF THE U.S.
- WETLAND



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DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

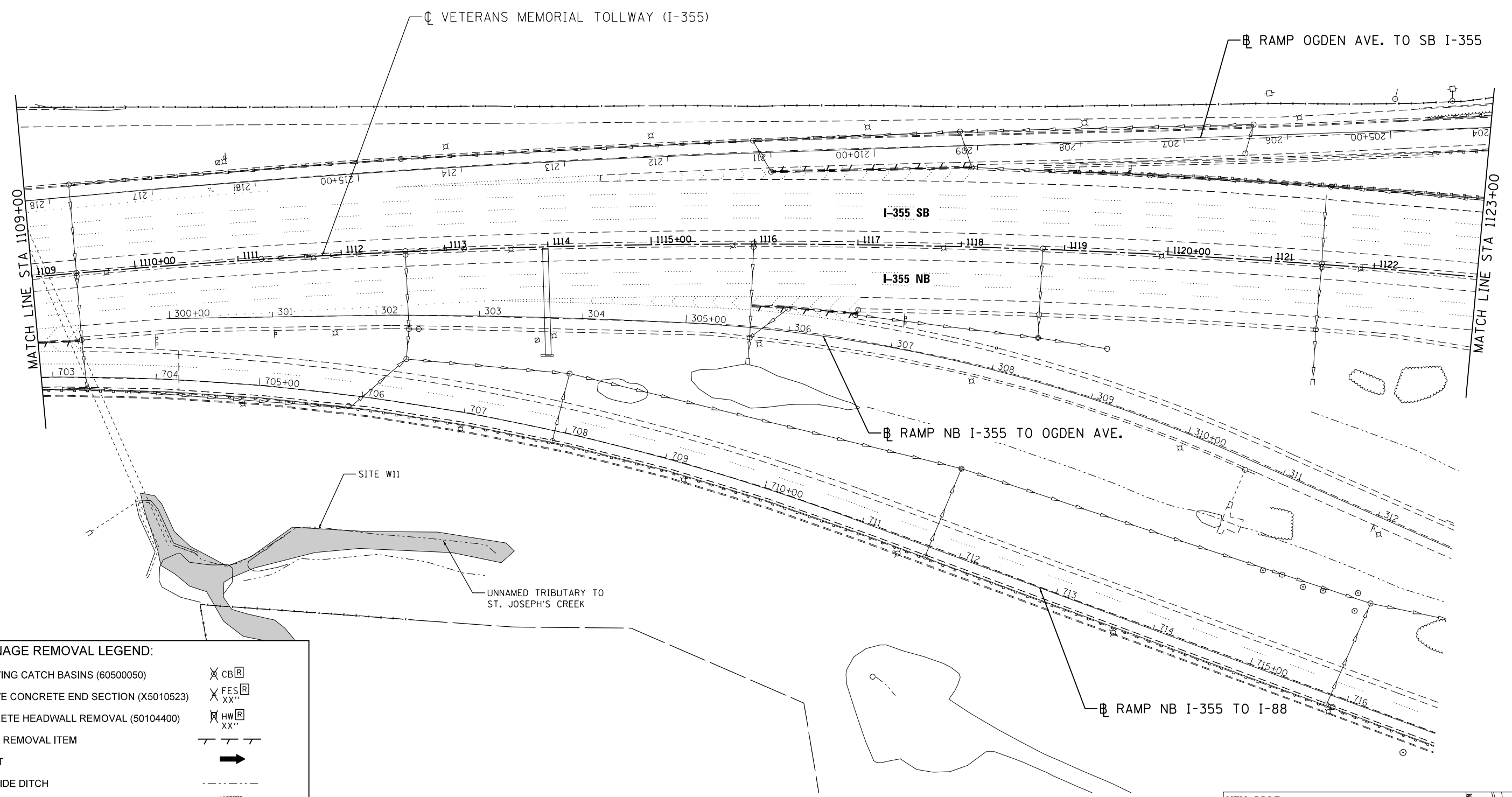
2im
 GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1095+00 - STA 1109+00

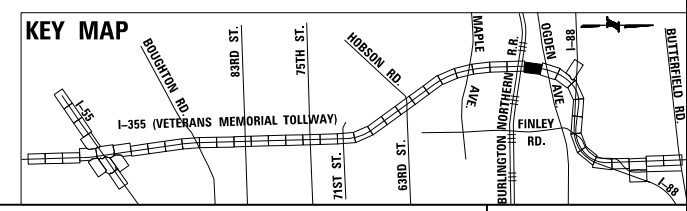
SHT NO. DE37
 DRAWING NO.
 516 OF 1517



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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	⊗ CB[R]
REMOVE CONCRETE END SECTION (X5010523)	⊗ FES[XX]''
CONCRETE HEADWALL REMOVAL (50104400)	⊗ HW[XX]''
LINEAR REMOVAL ITEM	— — — — —
OUTLET	➔
ROADSIDE DITCH	- - - - -
VEGETATION	⬭
DETENTION POND	⬭
WATERS OF THE U.S.	⬭
WETLAND	⬭



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 CHECKED BY JM DATE 3/11/2018

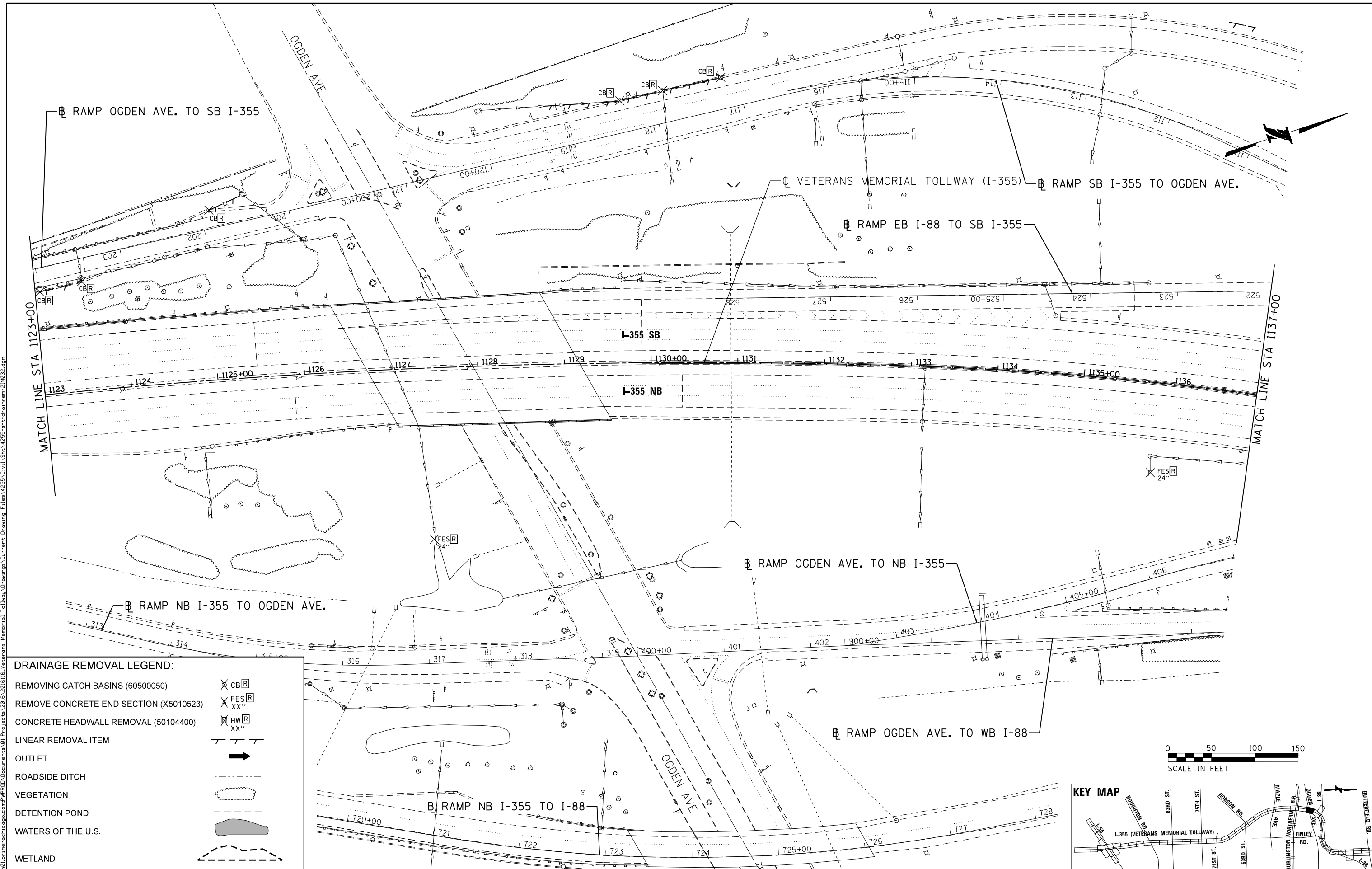
2im GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1109+00 - STA 1123+00

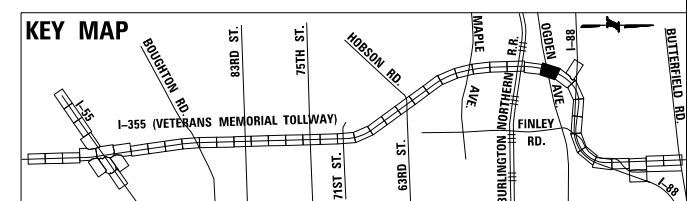
SHT NO. DE38
 DRAWING NO.
 517 OF 1517



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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	CB[R]
REMOVE CONCRETE END SECTION (X5010523)	FES[R] XX''
CONCRETE HEADWALL REMOVAL (50104400)	HW[R] XX''
LINEAR REMOVAL ITEM	---
OUTLET	→
ROADSIDE DITCH	---
VEGETATION	~~~~~
DETENTION POND	~~~~~
WATERS OF THE U.S.	~~~~~
WETLAND	~~~~~



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

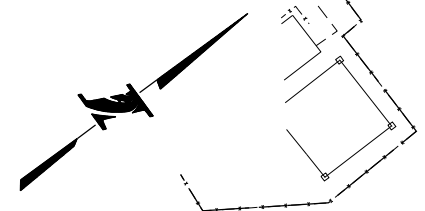
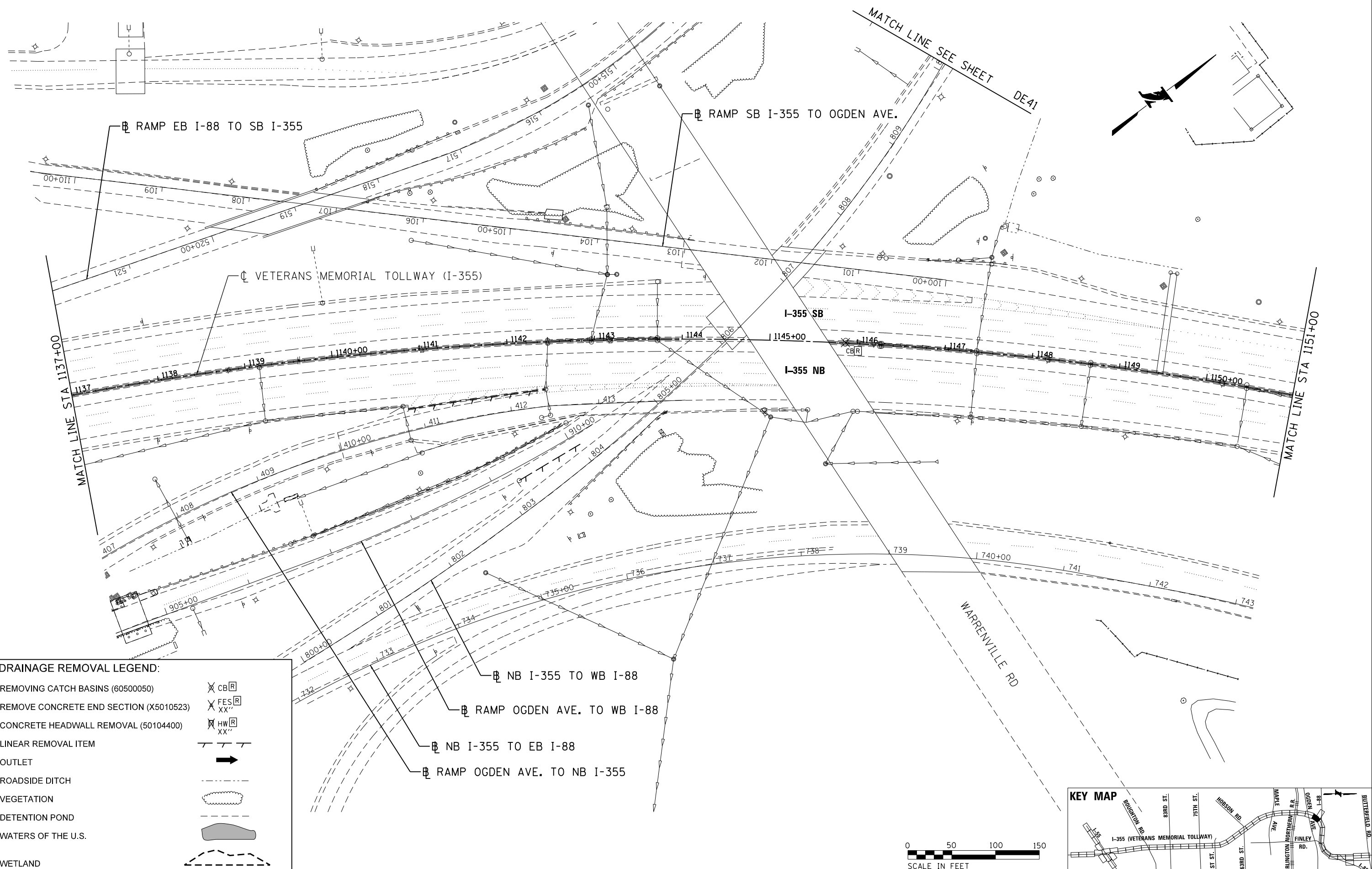


NO.	DATE	REVISIONS	
		DESCRIPTION	

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1123+00 - STA 1137+00

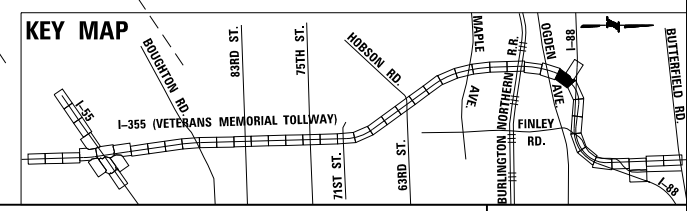
SHT NO. DE39
 DRAWING NO.
 518 OF 1517

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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	⊗ CB [R]
REMOVE CONCRETE END SECTION (X5010523)	⊗ FES [R]
CONCRETE HEADWALL REMOVAL (50104400)	⊗ HW [R]
LINEAR REMOVAL ITEM	--- [R]
OUTLET	→
ROADSIDE DITCH	---
VEGETATION	⊕
DETENTION POND	⊖
WATERS OF THE U.S.	⊙
WETLAND	⊘



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

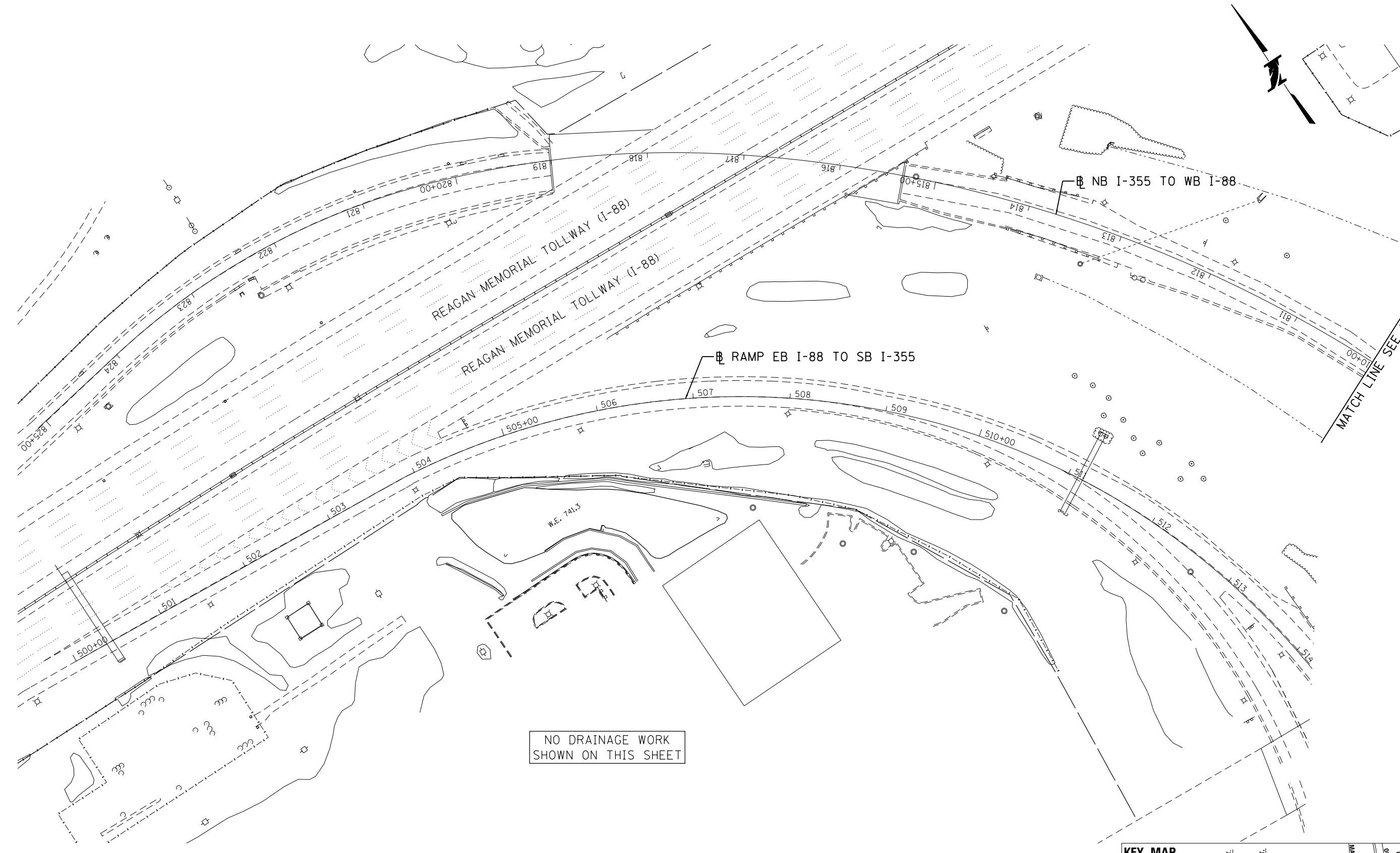
2im GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

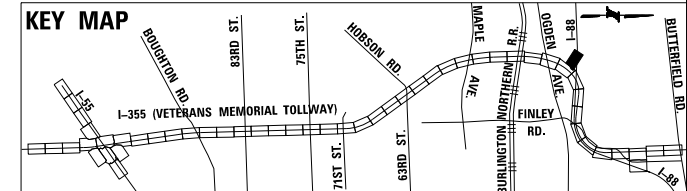
CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1137+00 - STA 1151+00
 SHT NO. DE40
 DRAWING NO. 519 OF 1517

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NO DRAINAGE WORK
SHOWN ON THIS SHEET

MATCH LINE SEE SHEET DE40



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2im
 GROUP
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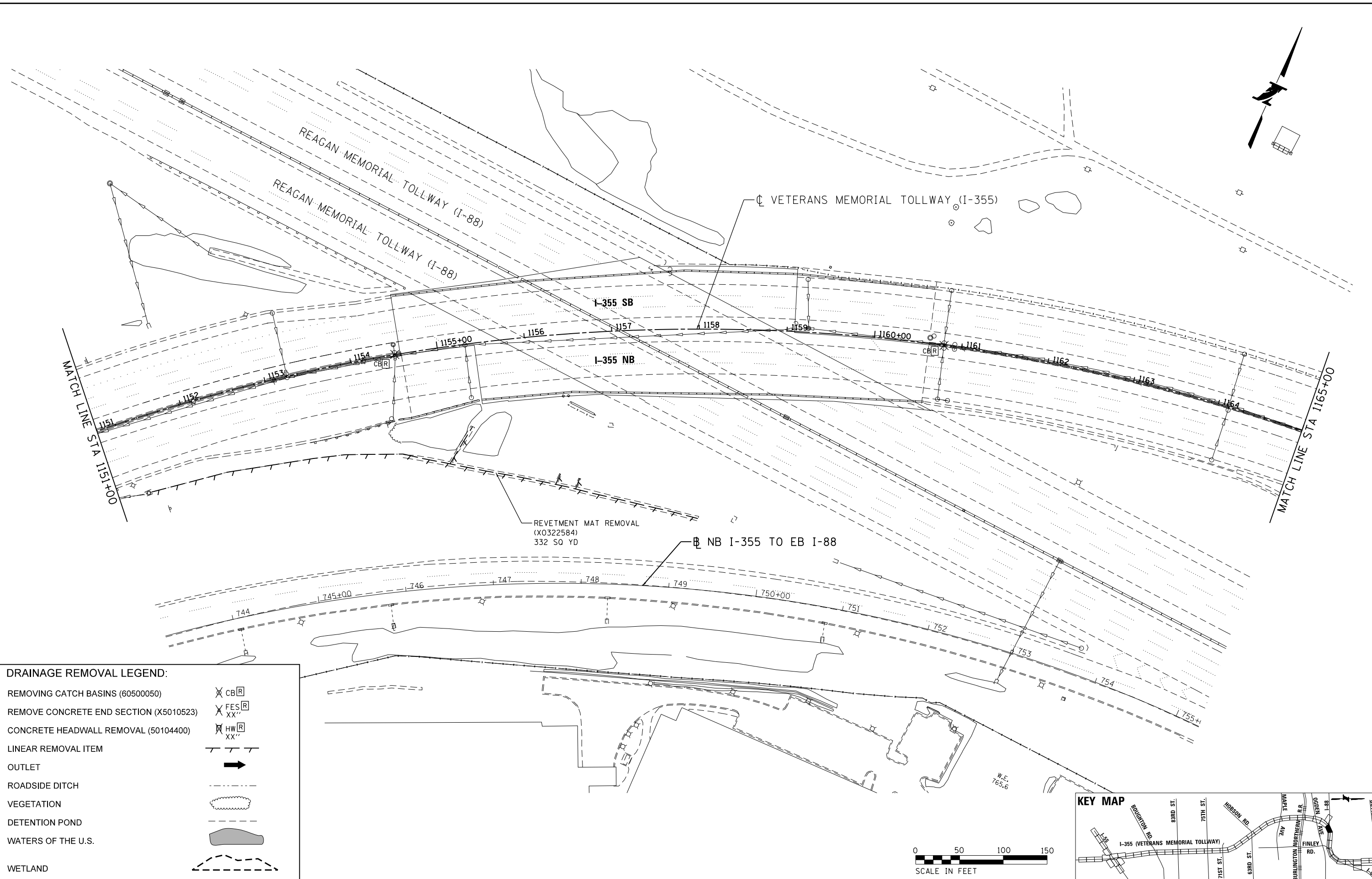
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 I-355 TO I-88

SHT NO. DE41
 DRAWING NO.
 520 OF 1517

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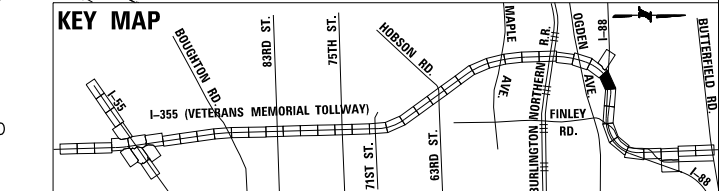
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REMOVE CONCRETE END SECTION (X5010523)	⊗ FES [R]
CONCRETE HEADWALL REMOVAL (50104400)	⊗ HW [R]
LINEAR REMOVAL ITEM	--- ---
OUTLET	➔
ROADSIDE DITCH	- - - - -
VEGETATION	~~~~~
DETENTION POND	▭
WATERS OF THE U.S.	▭
WETLAND	▭

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 2IM Group, LLC
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 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

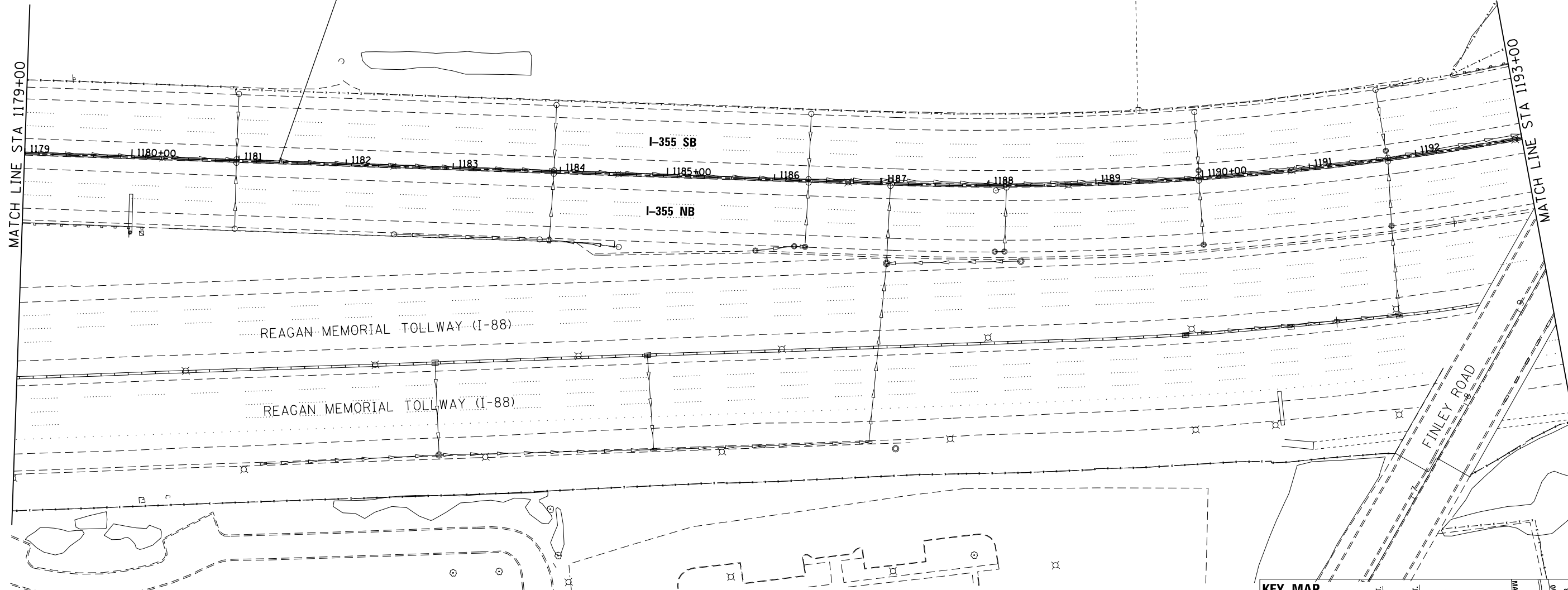


CONTRACT NO. RR-16-4255 SHT NO. DE42
 EXISTING DRAINAGE & REMOVAL PLAN DRAWING NO. 521 OF 1517
 STA 1151+00 - STA 1165+00



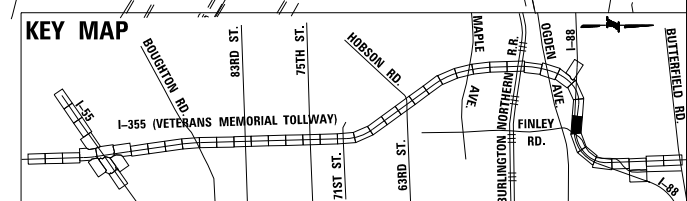
NO DRAINAGE WORK
SHOWN ON THIS SHEET

VETERANS MEMORIAL TOLLWAY (I-355)



MATCH LINE STA 1179+00

MATCH LINE STA 1193+00



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118 South Clinton St.
Suite 350
Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

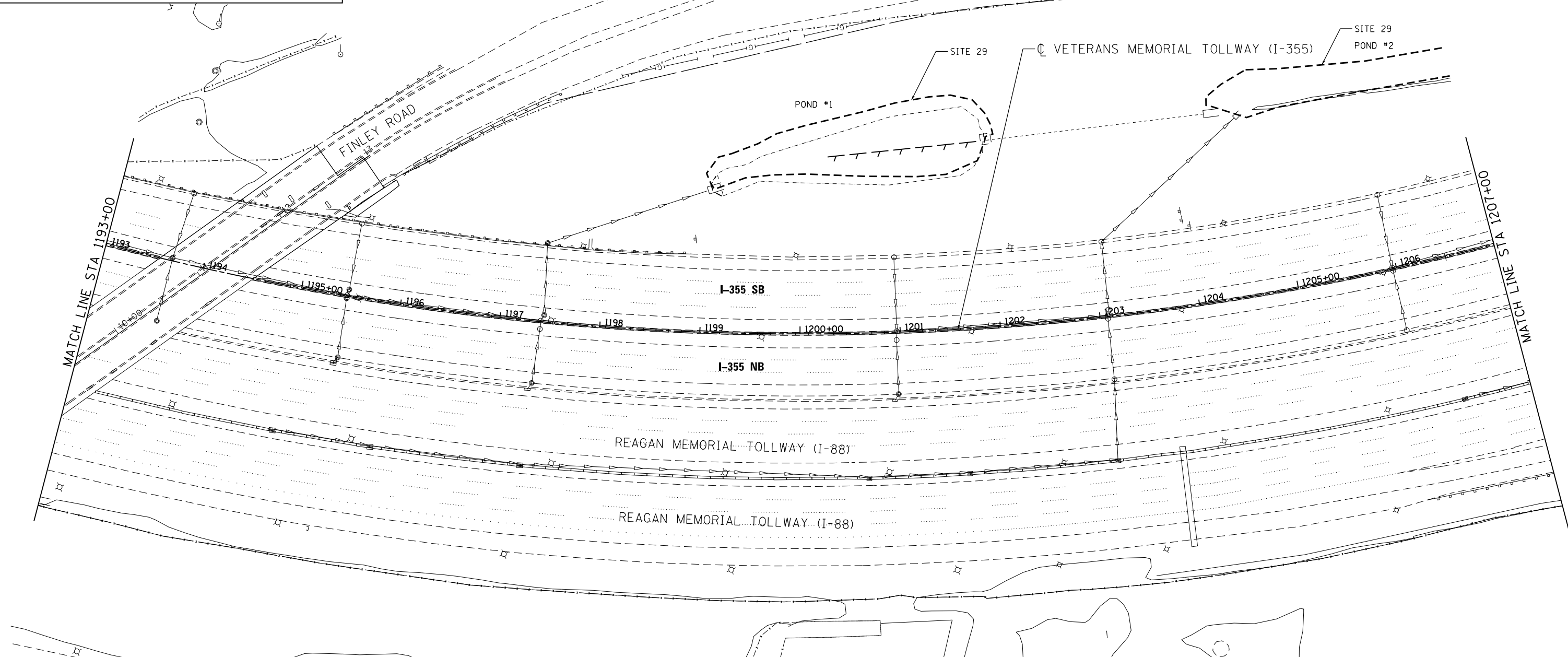
REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
EXISTING DRAINAGE & REMOVAL PLAN
STA 1179+00 - STA 1193+00

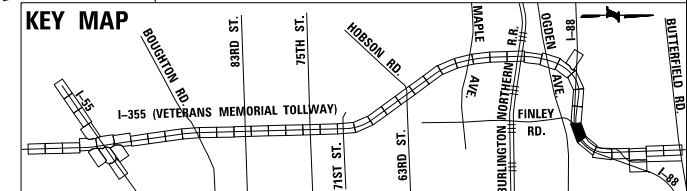
SHT NO. DE44
DRAWING NO.
523 OF 1517

DRAINAGE REMOVAL LEGEND:

- REMOVING CATCH BASINS (60500050) ✕ CB [R]
- REMOVE CONCRETE END SECTION (X5010523) ✕ FES [R]
- CONCRETE HEADWALL REMOVAL (50104400) ✕ HW [R]
- LINEAR REMOVAL ITEM - - - - -
- OUTLET →
- ROADSIDE DITCH - - - - -
- VEGETATION [Wavy Line]
- DETENTION POND [Dashed Outline]
- WATERS OF THE U.S. [Solid Shaded Area]
- WETLAND [Dashed Outline]



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


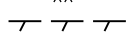

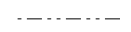
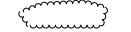


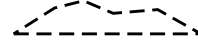
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

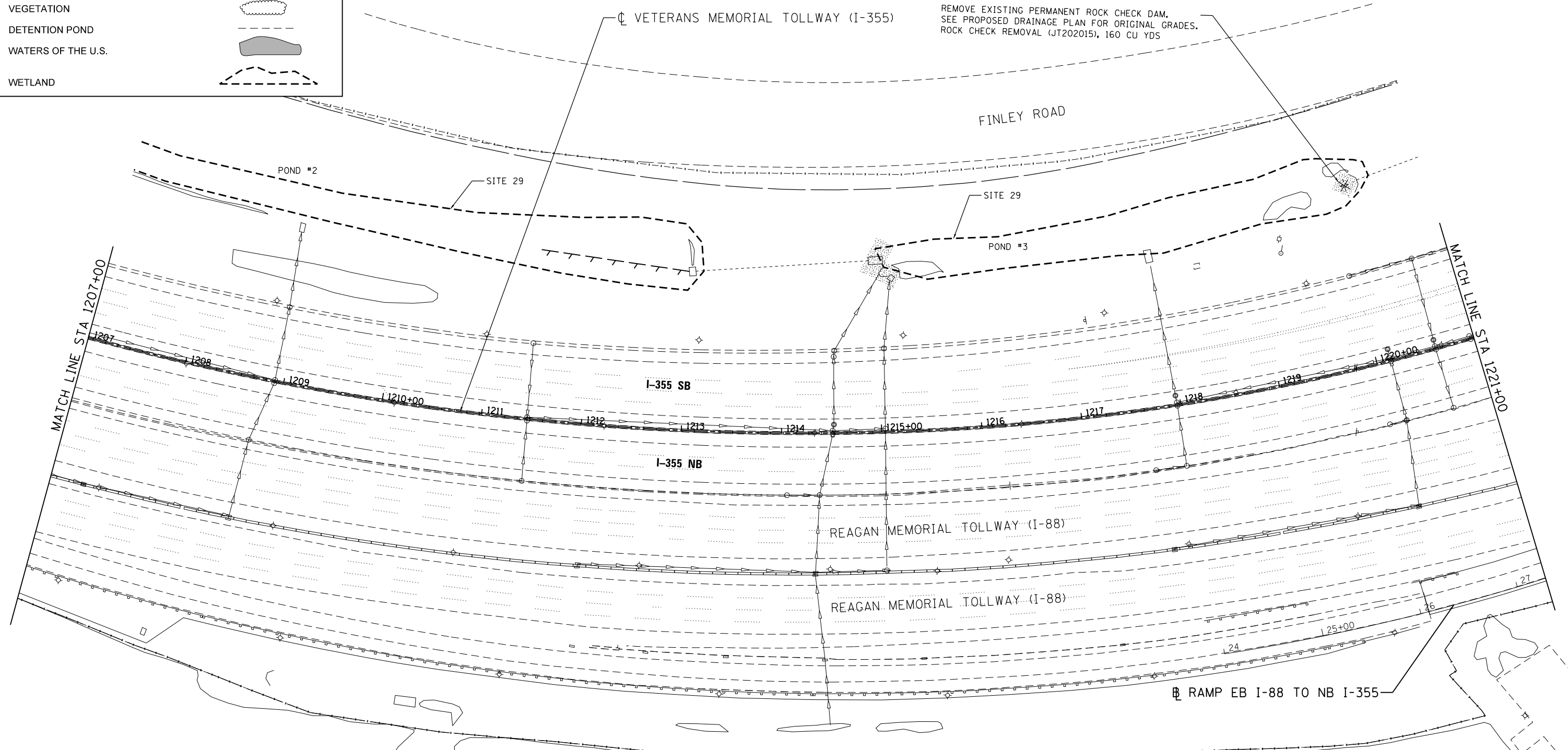
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1193+00 - STA 1207+00

SHT NO. DE45
 DRAWING NO.
 524 OF 1517

DRAINAGE REMOVAL LEGEND:

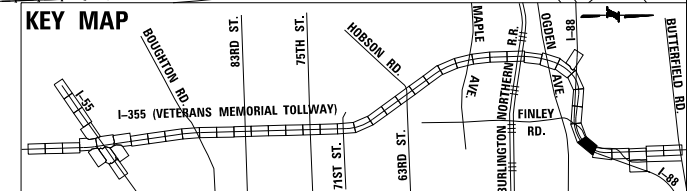
- REMOVING CATCH BASINS (60500050) 
- REMOVE CONCRETE END SECTION (X5010523) 
- CONCRETE HEADWALL REMOVAL (50104400) 
- LINEAR REMOVAL ITEM 
- OUTLET 
- ROADSIDE DITCH 
- VEGETATION 
- DETENTION POND 
- WATERS OF THE U.S. 
- WETLAND 



REMOVE EXISTING PERMANENT ROCK CHECK DAM.
SEE PROPOSED DRAINAGE PLAN FOR ORIGINAL GRADES.
ROCK CHECK REMOVAL (JT202015), 160 CU YDS

MATCH LINE STA 1207+00

MATCH LINE STA 1221+00



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Suite 350
Chicago, IL 60661



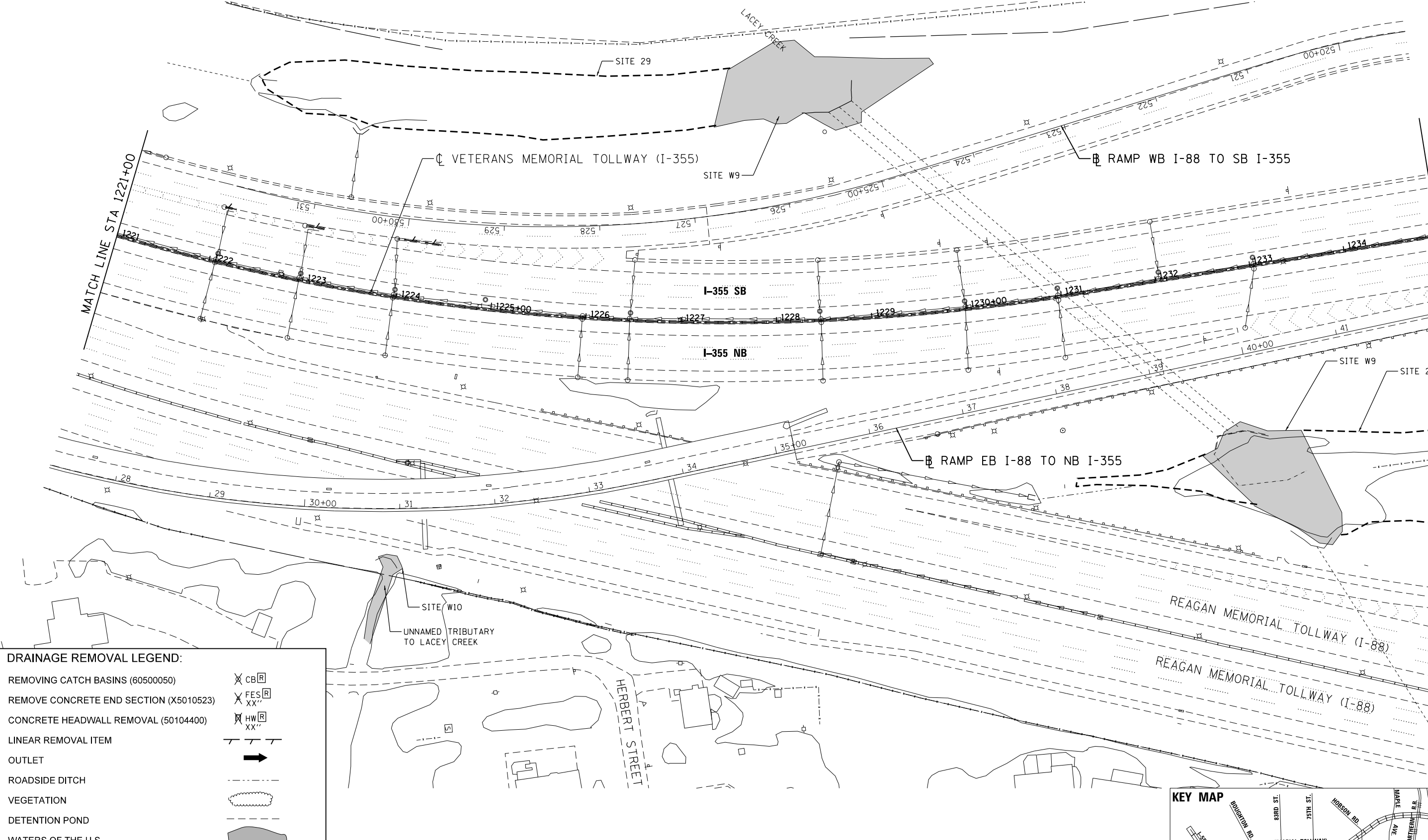
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
EXISTING DRAINAGE & REMOVAL PLAN
STA 1207+00 - STA 1221+00

SHT NO. DE46
DRAWING NO.
525 OF 1517

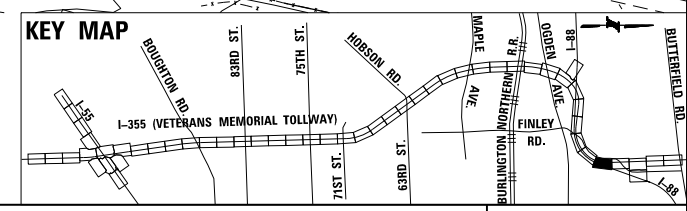
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DRAINAGE REMOVAL LEGEND:

REMOVING CATCH BASINS (60500050)	⊗ CB [R]
REMOVE CONCRETE END SECTION (X5010523)	⊗ FES [R]
CONCRETE HEADWALL REMOVAL (50104400)	⊗ HW [R]
LINEAR REMOVAL ITEM	⊗ [R]
OUTLET	➔
ROADSIDE DITCH	— — — — —
VEGETATION	(dotted pattern)
DETENTION POND	(cloud pattern)
WATERS OF THE U.S.	(blue shaded area)
WETLAND	(dashed line pattern)



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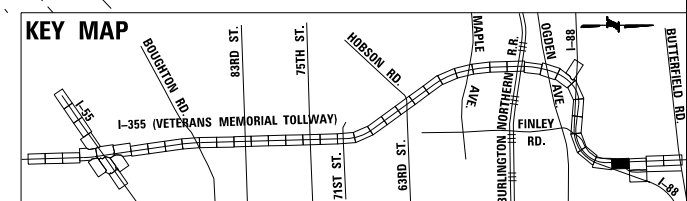
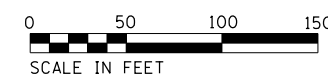
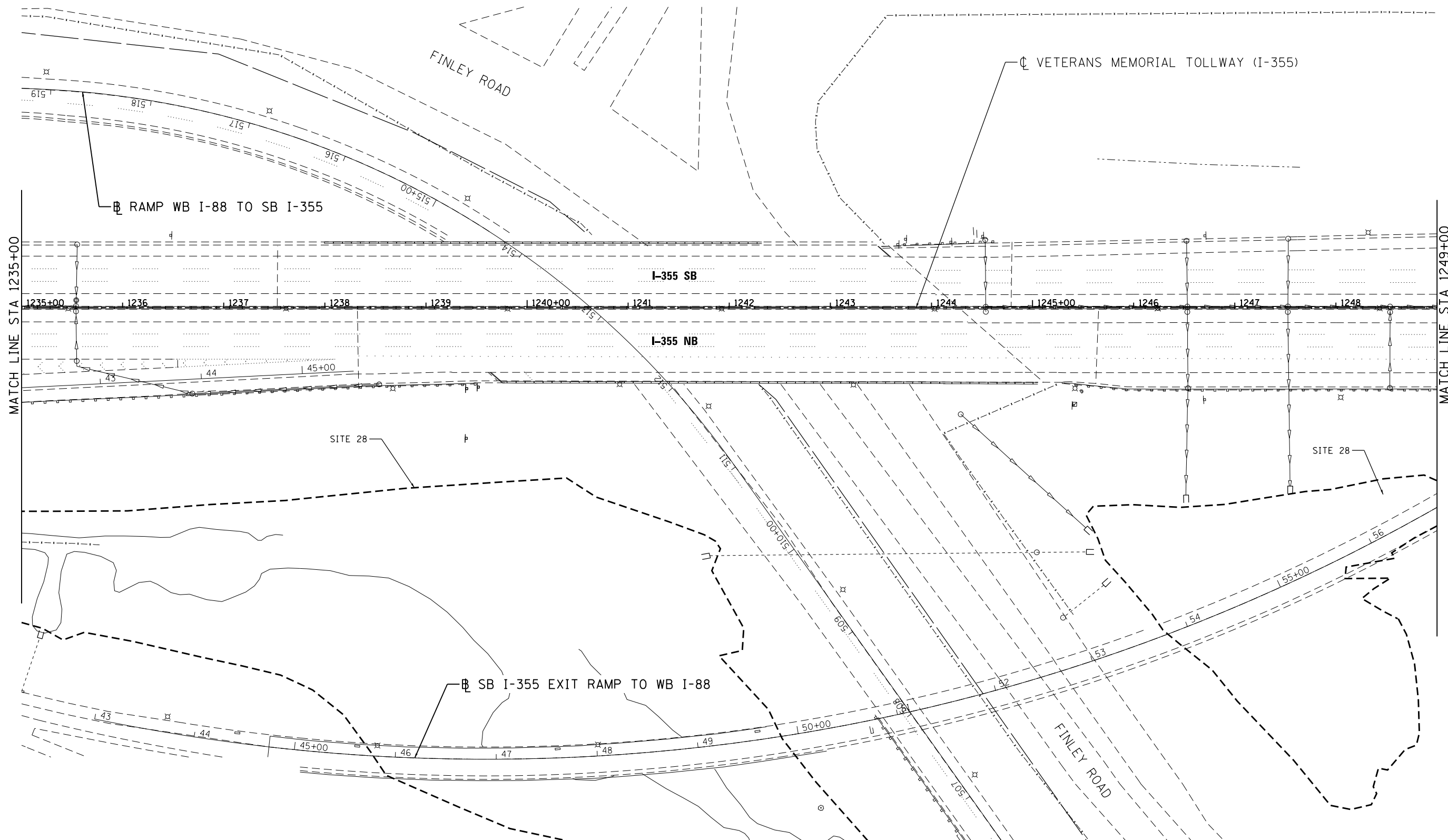
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1221+00 - STA 1235+00

SHT NO. DE47
 DRAWING NO.
 526 OF 1517

NO DRAINAGE WORK
SHOWN ON THIS SHEET



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DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

2im
 GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

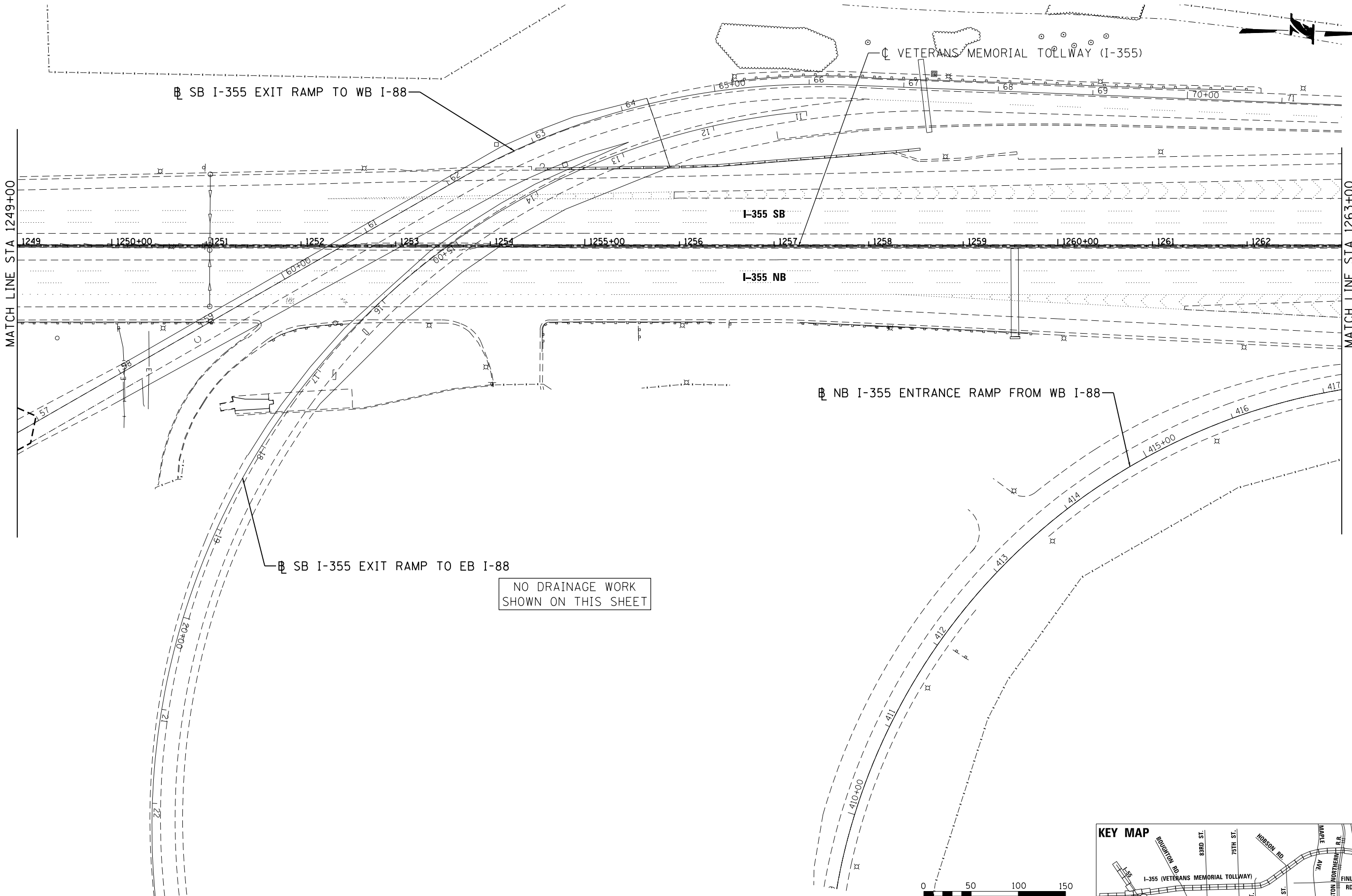
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

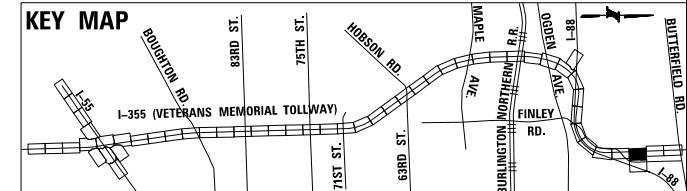
CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1235+00 - STA 1249+00

SHT NO. DE48
 DRAWING NO.
 527 OF 1517

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NO DRAINAGE WORK
SHOWN ON THIS SHEET



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 CHECKED BY JM DATE 3/11/2018

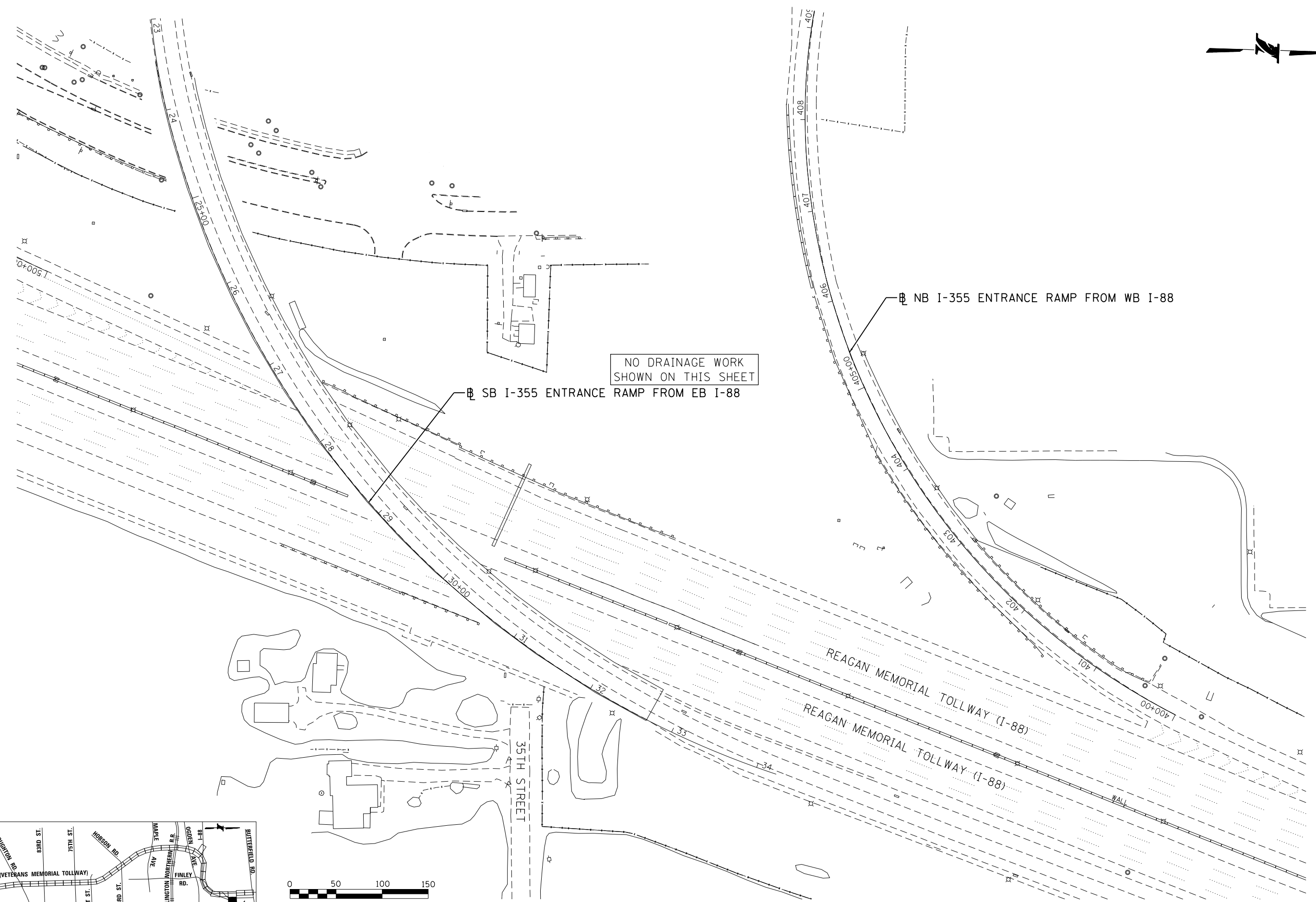
2im
 GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1249+00 - STA 1263+00

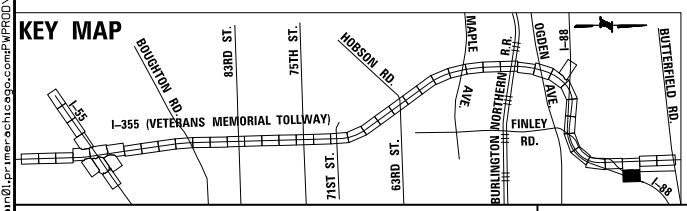
SHT NO. DE49
 DRAWING NO.
 528 OF 1517



NO DRAINAGE WORK SHOWN ON THIS SHEET

SB I-355 ENTRANCE RAMP FROM EB I-88

NB I-355 ENTRANCE RAMP FROM WB I-88



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2IM Group, LLC
118 South Clinton St.
Suite 350
Chicago, IL 60661

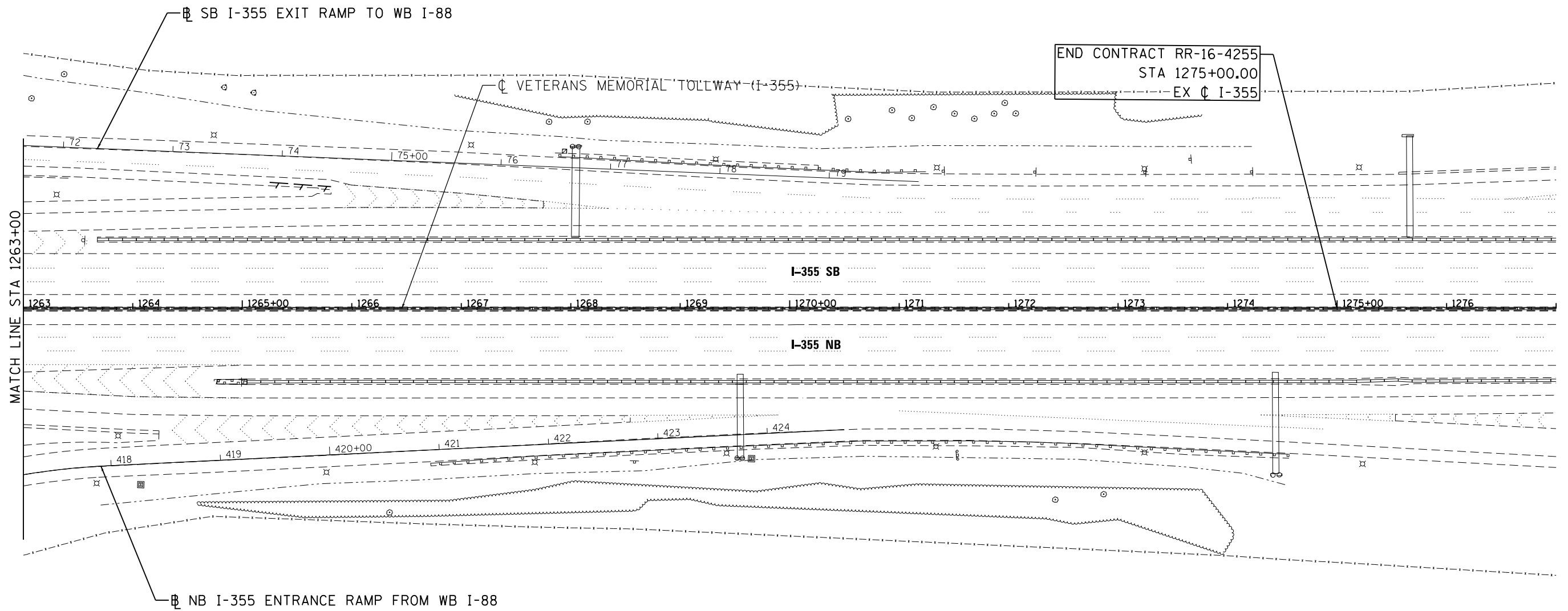
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO.		REVISIONS	
NO.	DATE	DESCRIPTION	

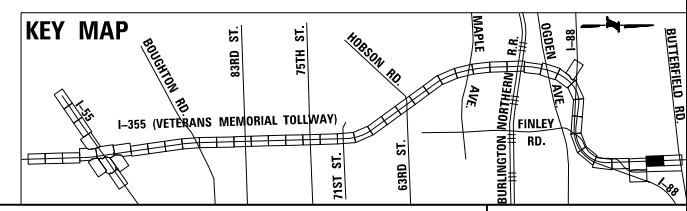
CONTRACT NO. RR-16-4255
EXISTING DRAINAGE & REMOVAL PLAN
I-355 TO I-88

SHT NO. DE50
DRAWING NO.
529 OF 1517

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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EXISTING DRAINAGE & REMOVAL PLAN
 STA 1263+00 - STA 1277+00

SHT NO. DE51
 DRAWING NO.
 530 OF 1517

DRAINAGE STRUCTURE REMOVAL SCHEDULE

SHEET NUMBER	ALIGNMENT	STATION	OFFSET	STRUCTURE TYPE	PAY ITEM NUMBER
DE04	NB I-355 TO NB I-55	311+86	132' LT	CONCRETE HEADWALL	50104400
DE04	I-355	743+97	172' RT	CONCRETE HEADWALL	50104400
DE04	NB I-55 TO NB I-355	812+51	57' RT	CONCRETE HEADWALL	50104400
DE05	SB I-355 TO NB I-55	128+01	21' LT	CATCH BASIN	60500050
DE05	SB I-355 TO NB I-55	128+02	54' LT	CONCRETE HEADWALL	50104400
DE05	SB I-355 TO NB I-55	130+40	73' LT	CONCRETE HEADWALL	50104400
DE05	SB I-355 TO NB I-55	130+42	21' LT	CATCH BASIN	60500050
DE05	SB I-355 TO SB I-55	619+81	23' RT	CONCRETE END SECTION	X5010523
DE05	SB I-355 TO SB I-55	620+89	87' LT	CONCRETE END SECTION	X5010523
DE05	SB I-355 TO SB I-55	620+93	31' RT	CONCRETE HEADWALL	50104400
DE13	SB I-355 TO SB I-55	602+95	140' RT	CONCRETE END SECTION	X5010523
DE13	SB I-355 TO SB I-55	606+69	132' RT	CONCRETE END SECTION	X5010523
DE17	BOUGHTON TO SB I-355	208+89	44' RT	CONCRETE END SECTION	X5010523
DE17	I-355	819+71	105' RT	CONCRETE END SECTION	X5010523
DE17	I-355	823+26	105' RT	CONCRETE END SECTION	X5010523
DE17	I-355	823+36	105' RT	CONCRETE END SECTION	X5010523
DE17	I-355	823+49	106' RT	CONCRETE END SECTION	X5010523
DE19	I-355	855+91	253' LT	CONCRETE END SECTION	X5010523
DE20	I-355	862+00	158' LT	CONCRETE END SECTION	X5010523
DE22	I-355	888+50	155' RT	CONCRETE END SECTION	X5010523
DE24	I-355	925+89	0	CATCH BASIN	60500050
DE25	SB I-355 TO 75TH	109+33	84' RT	CONCRETE END SECTION	X5010523
DE29	63RD TO SB I-355	211+00	89' RT	CONCRETE END SECTION	X5010523
DE30	63RD TO SB I-355	203+04	50' LT	CONCRETE END SECTION	X5010523

SHEET NUMBER	ALIGNMENT	STATION	OFFSET	STRUCTURE TYPE	PAY ITEM NUMBER
DE30	I-355	998+85	74' LT	CATCH BASIN	60500050
DE30	I-355	1000+89	75' LT	CATCH BASIN	60500050
DE30	I-355	1003+86	112' LT	CONCRETE END SECTION	X5010523
DE30	I-355	1004+56	0	CATCH BASIN	60500050
DE30	I-355	1005+80	0	CATCH BASIN	60500050
DE30	I-355	1006+89	75' RT	CATCH BASIN	60500050
DE30	I-355	1007+99	75' RT	CATCH BASIN	60500050
DE30	I-355	1009+45	75' RT	CATCH BASIN	60500050
DE34	MAPLE TO SB I-355	203+45	51' RT	CONCRETE END SECTION	X5010523
DE34	MAPLE TO SB I-355	203+77	49' RT	CONCRETE END SECTION	X5010523
DE34	I-355	1063+07	0	CATCH BASIN	60500050
DE34	I-355	1064+55	0	CATCH BASIN	60500050
DE37	NB I-355 TO I-88	700+46	118' RT	CONCRETE HEADWALL	50104400
DE39	SB I-355 TO OGDEN	117+18	36' RT	CATCH BASIN	60500050
DE39	SB I-355 TO OGDEN	117+87	37' RT	CATCH BASIN	60500050
DE39	SB I-355 TO OGDEN	118+38	37' RT	CATCH BASIN	60500050
DE39	OGDEN TO SB I-355	201+90	21' RT	CATCH BASIN	60500050
DE39	OGDEN TO SB I-355	203+51	26' LT	CATCH BASIN	60500050
DE39	OGDEN TO SB I-355	204+03	27' LT	CATCH BASIN	60500050
DE39	I-355	1127+44	204' RT	CONCRETE END SECTION	X5010523
DE39	I-355	1135+87	103' RT	CONCRETE END SECTION	X5010523
DE40	I-355	1145+86	0	CATCH BASIN	60500050
DE42	I-355	1154+51	0	CATCH BASIN	60500050
DE42	I-355	1160+80	0	CATCH BASIN	60500050

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DRAWN BY **KP** DATE **3/11/2018**
 CHECKED BY **JM** DATE **3/11/2018**



REVISIONS	
NO.	DATE DESCRIPTION

CONTRACT NO. **RR-16-4255**
**DRAINAGE STRUCTURE
 REMOVAL SCHEDULE**

SHT NO. **DE52**
 DRAWING NO.
531 OF 1517

PIPE REMOVAL SCHEDULE

SHEET NUMBER	ALIGNMENT	FROM		TO		SIZE	LENGTH (FT)	MATERIAL	PAY ITEM NUMBER
		STATION	OFFSET	STATION	OFFSET				
DE04	NB I-355 TO NB I-55	310+81	101' LT	311+83	131' LT	18"	119	RCP	55100900
DE04	I-355	743+96	66' RT	743+97	172' RT	18"	102	CMP	55100900
DE05	SB I-355 TO NB I-55	128+01	21' LT	128+02	54' LT	12"	35	RCCP	55100500
DE05	SB I-355 TO NB I-55	130+42	21' LT	130+40	73' LT	12"	54	RCCP	55100500
DE05	NB I-355 TO SB I-55	902+40	11' RT	902+56	126' RT	18"	119	CMP	55100900
DE10	NB I-355 TO SB I-55	908+40	12' RT	908+34	52' RT	12"	40	CMP	55100500
DE12	NB I-355 TO SB I-55	905+40	12' RT	905+28	86' RT	12"	74	CMP	55100500
DE22	I-355	888+88	154' RT	889+18	147' RT	12"	31	RCP	55100500
DE30	63RD TO SB I-355	208+11	39' RT	208+10	55' RT	15"	16	RCCP	55100700
DE30	I-355	1000+89	76' LT	1001+94	75' LT	12"	111	RCP	55100500
DE30	I-355	1004+50	1' LT	1004+56	1' LT	18"	6	RCP	55100900
DE30	I-355	1006+55	74' RT	1006+89	76' RT	30"	31	RCP	55101400
DE30	I-355	1006+89	76' RT	1006+89	83' RT	24"	7	RCP	55101200
DE30	I-355	1006+89	76' RT	1007+99	74' RT	30"	105	RCP	55101400
DE30	I-355	1007+99	74' RT	1009+46	75' RT	36"	142	RCP	55101600
DE30	I-355	1009+46	75' RT	1009+79	74' RT	24"	29	RCP	55101200
DE31	63RD TO NB I-355	416+86	8' RT	416+84	74' RT	18"	91	RCCP	55100900
DE34	MAPLE TO SB I-355	203+46	51' RT	203+79	49' RT	18"	34	CMP	55100900
DE34	I-355	1063+00	1' LT	1063+06	1' LT	12"	6	RCP	55100500
DE34	I-355	1064+55	1' LT	1064+61	1' LT	15"	6	RCP	55100700
DE37	NB I-355 TO I-88	700+39	92' RT	700+47	118' RT	6"	25	PVC	55100200
DE39	SB I-355 TO OGDEN	111+56	136' RT	111+85	129' RT	12"	23	CMP	55100500
DE39	SB I-355 TO OGDEN	117+87	37' RT	117+18	36' RT	12"	65	RCP	55100500
DE39	SB I-355 TO OGDEN	118+38	37' RT	117+87	37' RT	12"	46	RCP	55100500
DE39	SB I-355 TO OGDEN	119+27	51' RT	118+38	37' RT	15"	86	RCP	55100700
DE39	OGDEN TO SB I-355	201+90	21' RT	201+47	30' RT	12"	43	RCP	55100500
DE39	OGDEN TO SB I-355	203+51	21' LT	203+51	26' LT	12"	5	RCP	55100500
DE39	OGDEN TO SB I-355	203+51	26' LT	204+03	27' LT	12"	50	RCP	55100500
DE42	I-355	1154+45	1' RT	1154+51	1' RT	30"	6	RCP	55101400
DE42	I-355	1160+79	1' LT	1160+85	1' LT	30"	6	RCP	55101400

SLOTTED DRAIN REMOVAL (J1551010)

SHEET NUMBER	ALIGNMENT	FROM		TO		LENGTH (FT)
		STATION	OFFSET	STATION	OFFSET	
DE29	I-355	991+78	73' RT	993+46	79' RT	168
DE29	I-355	993+42	68' LT	994+95	77' LT	151
DE35	I-355	1077+49	74' RT	1078+32	73' RT	82
DE35	I-355	1078+96	72' RT	1080+58	69' RT	161
DE37	I-355	1107+34	59' RT	1108+31	59' RT	96
DE37	I-355	1108+37	60' RT	1109+00	65' RT	63
DE38	I-355	1109+00	64' RT	1109+40	65' RT	40
DE38	I-355	1115+98	60' RT	1117+00	67' RT	102
DE38	I-355	1116+16	70' LT	1118+08	77' LT	194
DE40	I-355	1140+82	67' RT	1142+41	54' RT	157
DE40	NB I-355 TO WB I-88	803+21	33' LT	804+02	24' LT	81
DE47	I-355	1222+04	58' LT	1222+16	59' LT	12
DE47	I-355	1222+93	58' LT	1223+12	58' LT	19
DE47	I-355	1223+93	61' LT	1224+39	61' LT	45
DE51	I-355	1265+25	115' LT	1265+81	111' LT	57

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DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 REMOVAL SCHEDULES

SHT NO. DE53
 DRAWING NO.
 532 OF 1517

DRAINAGE GENERAL NOTES

- A. CONNECTION OF PROPOSED STORM SEWERS AND PROPOSED END TREATMENTS TO EXISTING DRAINAGE STRUCTURES WILL BE INCLUDED IN THE COST OF THE STORM SEWER PAY ITEMS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- B. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCLUDED IN THE CONTRACT.
- C. THE CONTRACTOR SHALL VERIFY DRAINAGE STRUCTURE DATA IN FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING STORM SEWER WERE DETERMINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEY. THE INVERTS AND LOCATIONS OF THE PROPOSED DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENTS SHALL BE AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK IS TO BE INCLUDED IN THE UNIT PRICES OF THE ITEMS TO BE INSTALLED, REPAIRED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- D. STATIONING AND OFFSET OF CATCH BASINS, INLETS, AND MANHOLES ARE TO CENTER OF THE LID OR GRATE.
- E. STATIONING AND OFFSET OF HEADWALLS ARE PER ILLINOIS TOLLWAY STANDARD DRAWINGS.
- F. SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE INCLUDES CLEANING AND REGRADING, PLACING TOPSOIL AND SEEDING AND FERTILIZATION. LIMIT OF SETTLEMENT TO BE PAID FOR EXTENDS UP TO 5' FROM THE STRUCTURE. SEE SHEET DR54 .
- G. CONTRACTOR SHALL OBTAIN KEY FROM THE TOLLWAY MAINTENANCE SUPERVISOR TO ACCESS GATE FOR DRAINAGE WORK AT STA. 801+00(LT) AND STA. 1105+50(RT).
- H. ALL MATERIAL DREDGED UNDER CHANNEL EXCAVATION (20300100), MATERIAL REMOVED FROM DETENTION BASINS UNDER EARTH EXCAVATION (20200100) AND MATERIAL REMOVED AS ROCK CHECK DAM REMOVAL (JT202015) SHALL BE USED AS EMBANKMENT FILL SOUTH OF I-55 AS SHOWN ON THE PLANS. SEE SPECIAL PROVISIONS, PLANS AND CROSS SECTIONS.
- I. EXISTING ELEVATIONS FOR GRADING AND SHAPING DITCHES ARE PROVIDED FROM LIDAR AERAIL SURVEY, CONTRACTOR TO FILED VERIFY ELEVATIONS PRIOR TO BEGINNING WORK.

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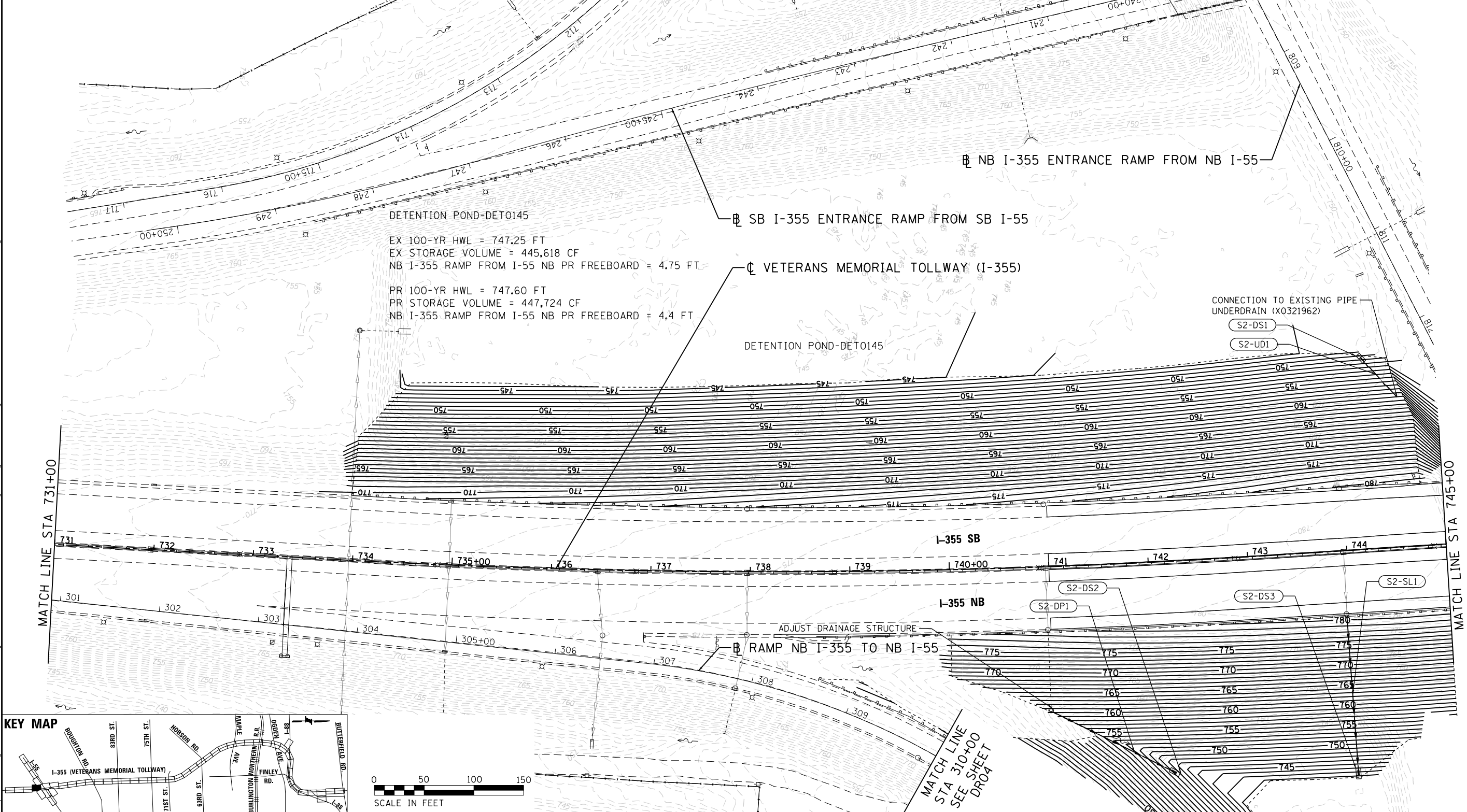


REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255	SHT NO. DR01
DRAINAGE GENERAL NOTES	DRAWING NO. 533 OF 1517

DRAINAGE LEGEND:

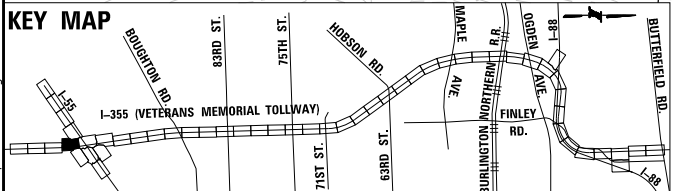
EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED		CS
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.		
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND		
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT		
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT		
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY		
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY		
EXISTING CULVERT								



DETO145
 EX 100-YR HWL = 747.25 FT
 EX STORAGE VOLUME = 445,618 CF
 NB I-355 RAMP FROM I-55 NB PR FREEBOARD = 4.75 FT
 PR 100-YR HWL = 747.60 FT
 PR STORAGE VOLUME = 447,724 CF
 NB I-355 RAMP FROM I-55 NB PR FREEBOARD = 4.4 FT

MATCH LINE STA 731+00

MATCH LINE STA 745+00



DRAWN BY KP DATE 3/11/2018
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 2700 OGDEN AVENUE
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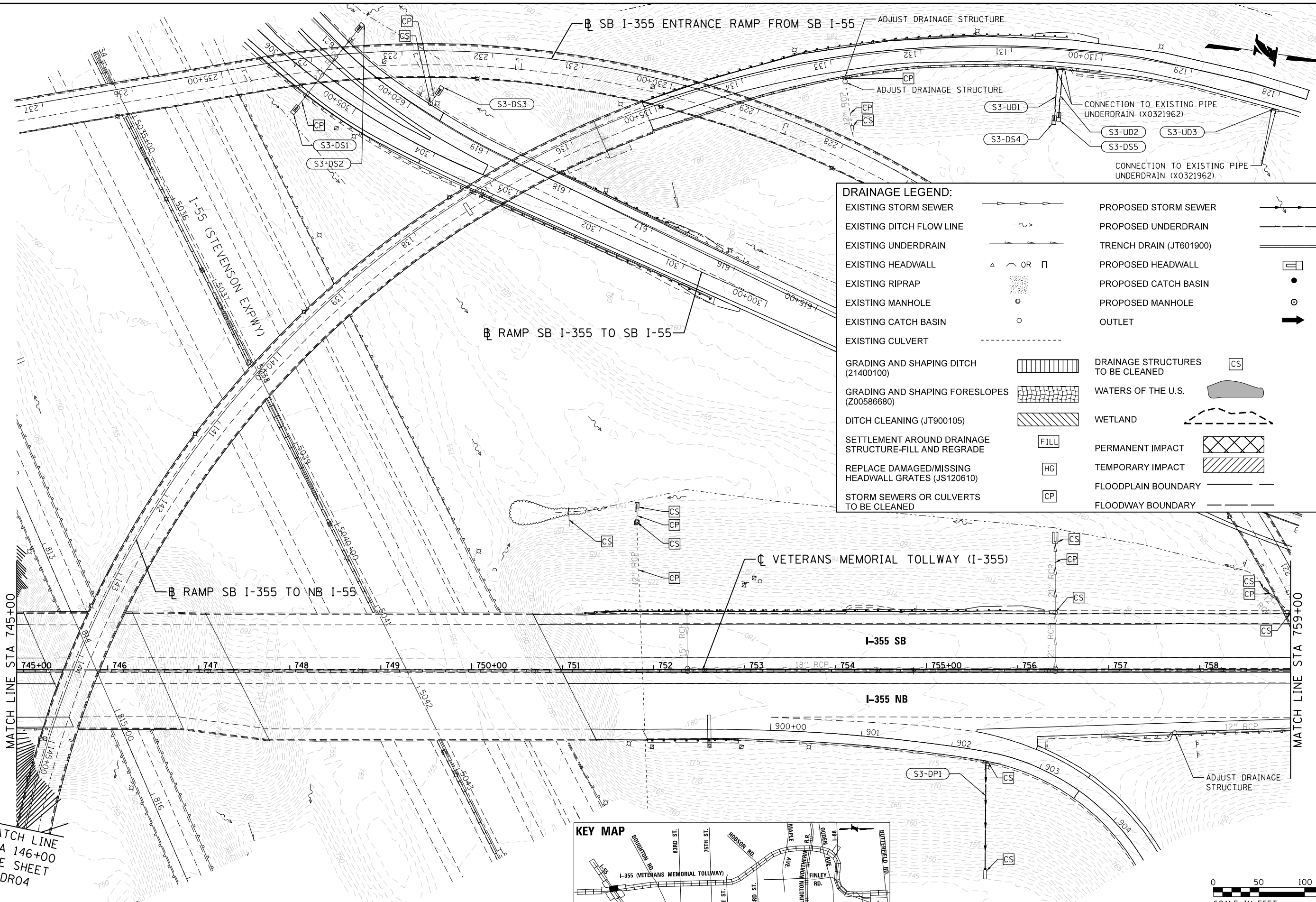
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NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 731+00 - STA 745+00

SHT NO. DR02
 DRAWING NO.
 534 OF 1517

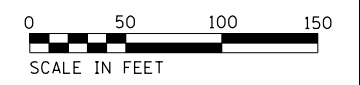
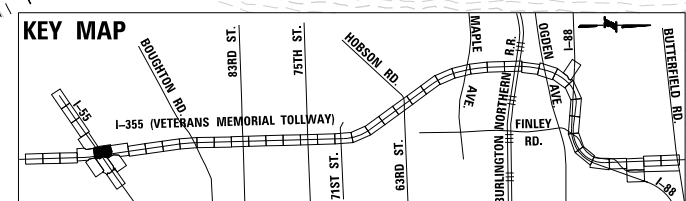
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DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)	
EXISTING HEADWALL		PROPOSED HEADWALL	
EXISTING RIPRAP		PROPOSED CATCH BASIN	
EXISTING MANHOLE		PROPOSED MANHOLE	
EXISTING CATCH BASIN		OUTLET	
EXISTING CULVERT			
GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
GRADING AND SHAPING FORESLOPES (200586680)		WATERS OF THE U.S.	
DITCH CLEANING (JT900105)		WETLAND	
SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
		FLOODWAY BOUNDARY	



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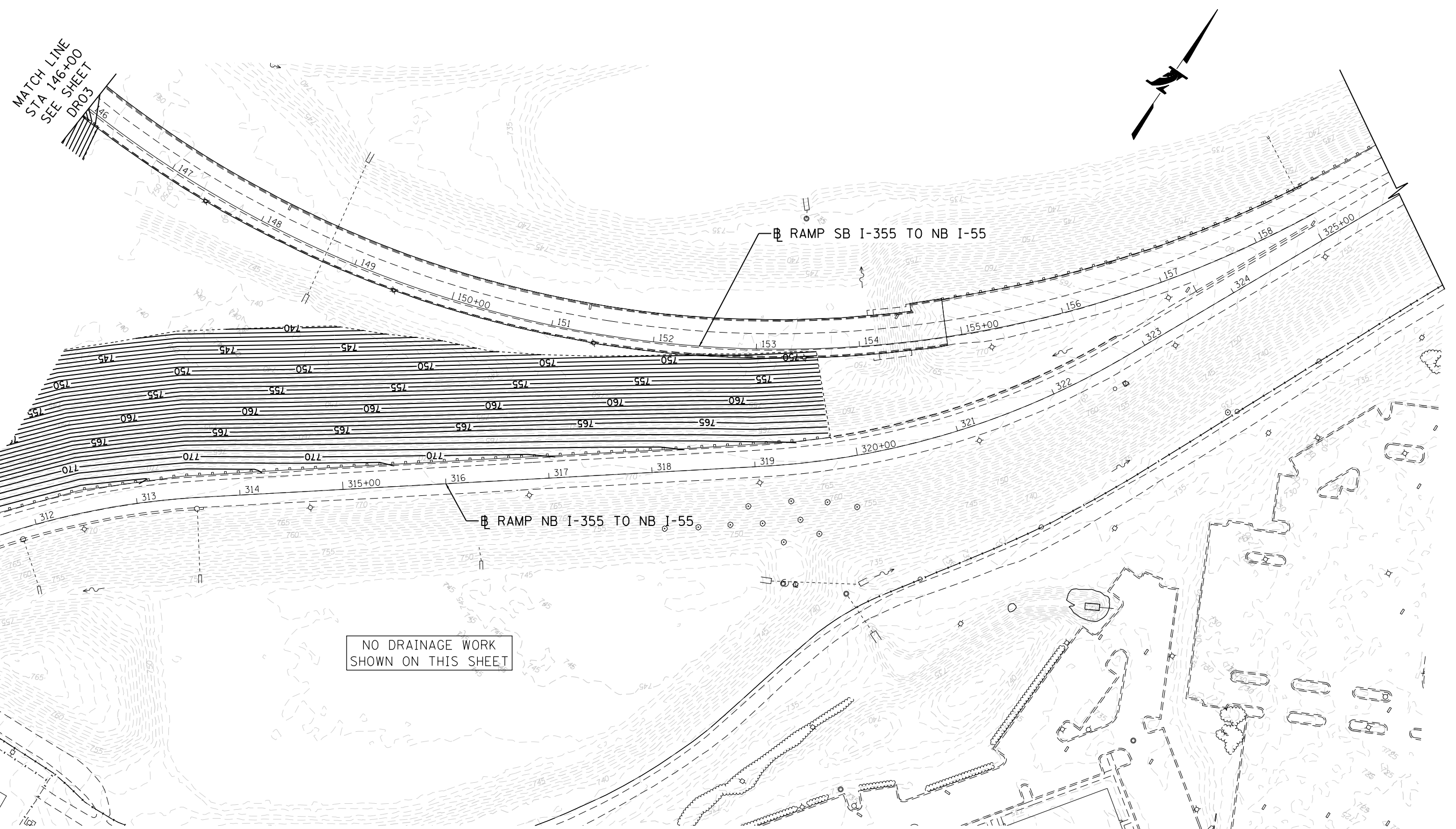


THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
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REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 745+00 - STA 759+00

SHT NO. DR03
 DRAWING NO.
 535 OF 1517



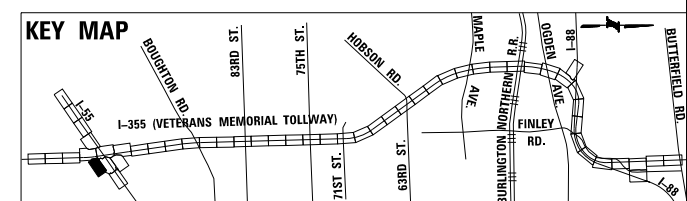
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DRAINAGE LEGEND:

- | | | | |
|--------------------------|--|-------------------------|--|
| EXISTING STORM SEWER | | PROPOSED STORM SEWER | |
| EXISTING DITCH FLOW LINE | | PROPOSED UNDERDRAIN | |
| EXISTING UNDERDRAIN | | TRENCH DRAIN (JT601900) | |
| EXISTING HEADWALL | | PROPOSED HEADWALL | |
| EXISTING RIPRAP | | PROPOSED CATCH BASIN | |
| EXISTING MANHOLE | | PROPOSED MANHOLE | |
| EXISTING CATCH BASIN | | OUTLET | |
| EXISTING CULVERT | | | |

- | | |
|---|--|
| GRADING AND SHAPING DITCH (21400100) | |
| GRADING AND SHAPING FORESLOPES (Z00586680) | |
| DITCH CLEANING (JT900105) | |
| SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE | |
| REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610) | |
| STORM SEWERS OR CULVERTS TO BE CLEANED | |

- | | | |
|-----------------------------------|--|----|
| DRAINAGE STRUCTURES TO BE CLEANED | | CS |
| WATERS OF THE U.S. | | |
| WETLAND | | |
| PERMANENT IMPACT | | |
| TEMPORARY IMPACT | | |
| FLOODPLAIN BOUNDARY | | |
| FLOODWAY BOUNDARY | | |



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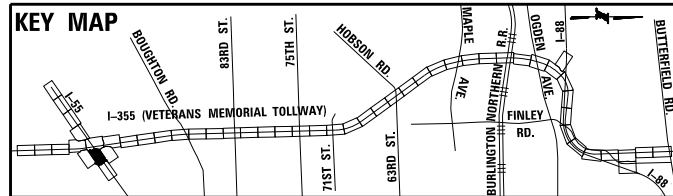
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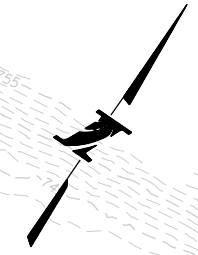
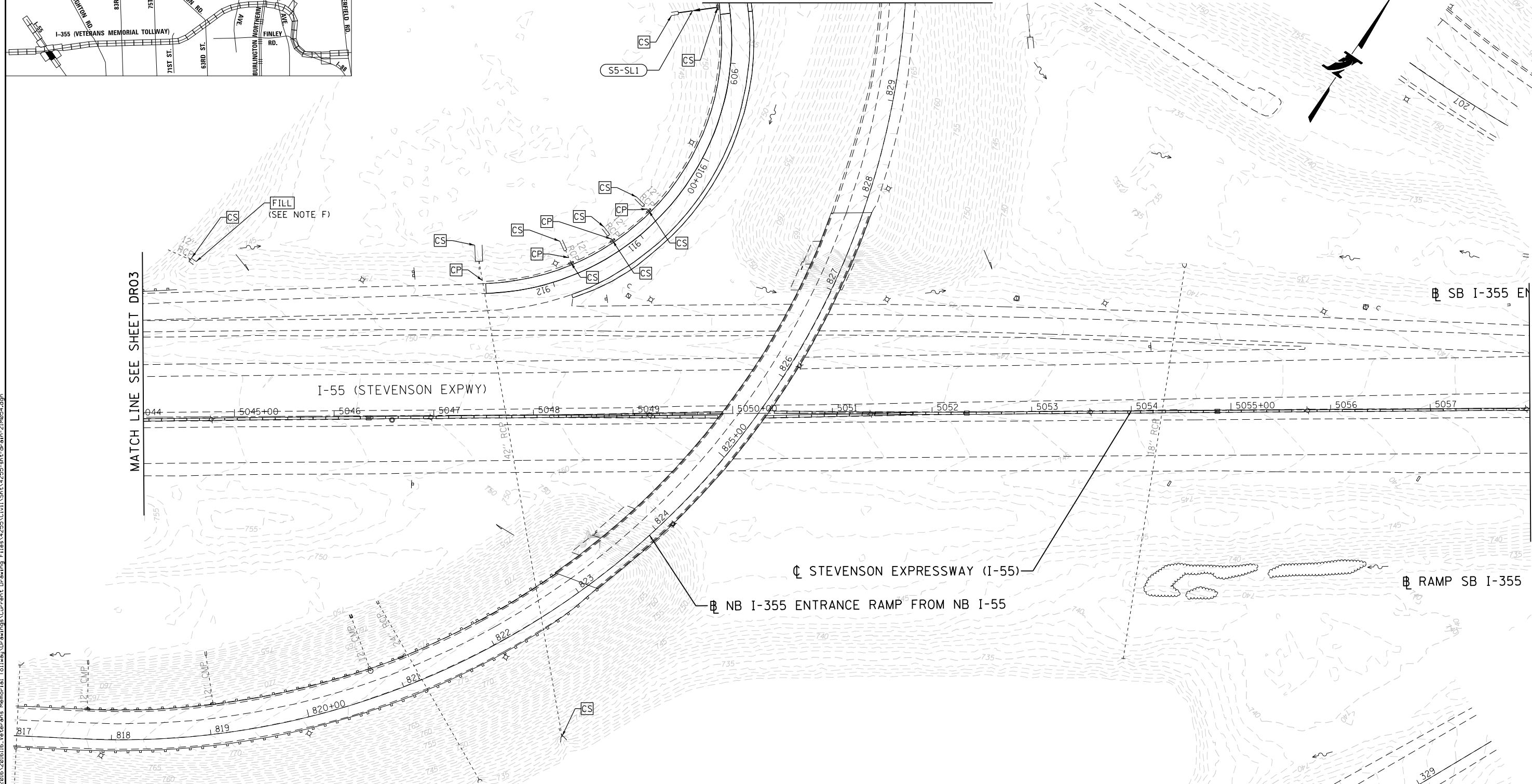
REVISIONS	
NO.	DATE DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 I-55

SHT NO. DR04
 DRAWING NO.
 536 OF 1517



MATCH LINE SEE SHEET DR07



DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)	
EXISTING HEADWALL		PROPOSED HEADWALL	
EXISTING RIPRAP		PROPOSED CATCH BASIN	
EXISTING MANHOLE		PROPOSED MANHOLE	
EXISTING CATCH BASIN		OUTLET	
EXISTING CULVERT			

GRADING AND SHAPING DITCH (21400100)	
GRADING AND SHAPING FORESLOPES (Z00586680)	
DITCH CLEANING (JT900105)	
SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE	
REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)	
STORM SEWERS OR CULVERTS TO BE CLEANED	

	DRAINAGE STRUCTURES TO BE CLEANED	CS
	WATERS OF THE U.S.	
	WETLAND	
	PERMANENT IMPACT	
	TEMPORARY IMPACT	
	FLOODPLAIN BOUNDARY	
	FLOODWAY BOUNDARY	

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 DOWNERS GROVE,
 ILLINOIS 60515

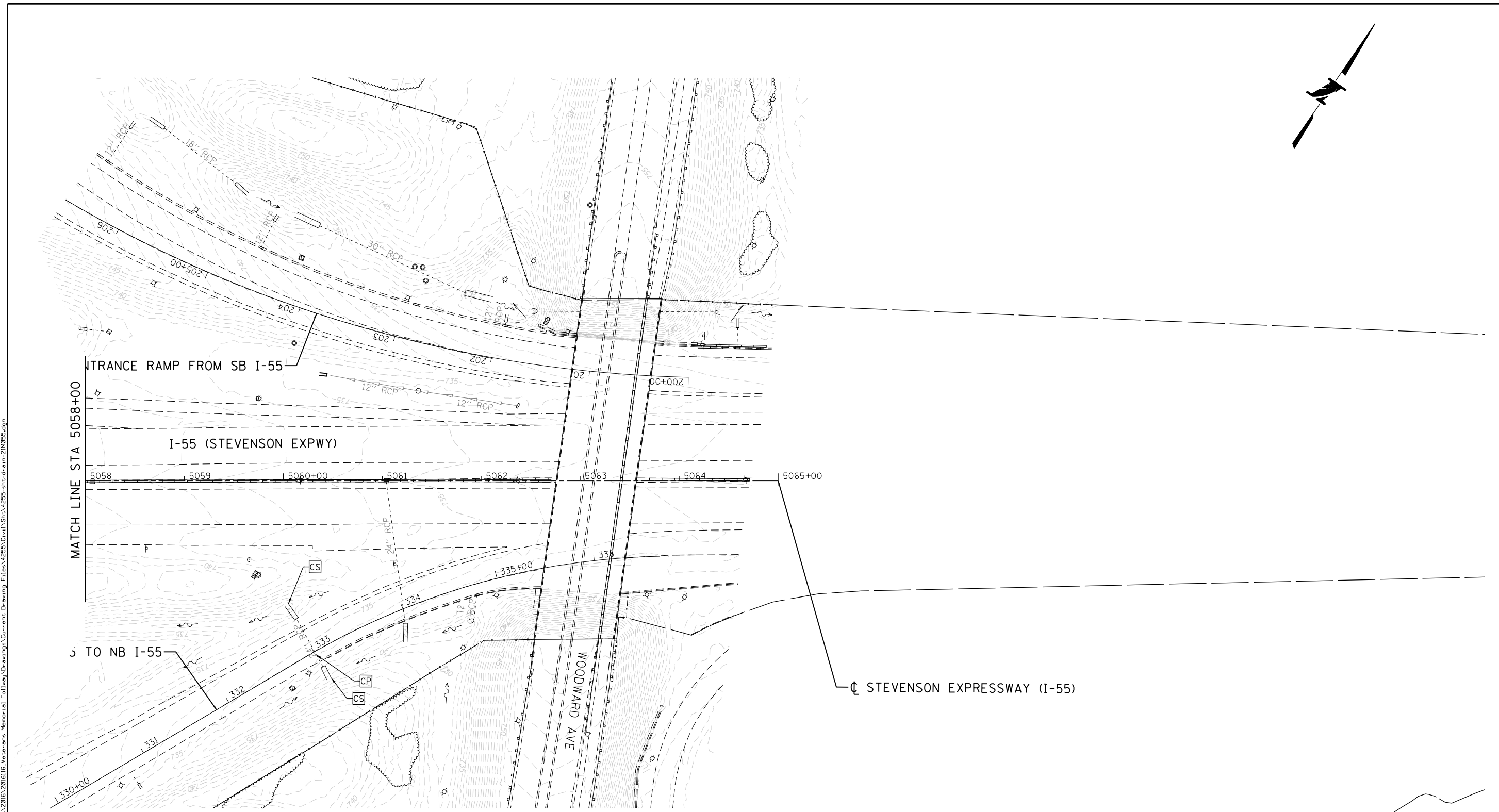
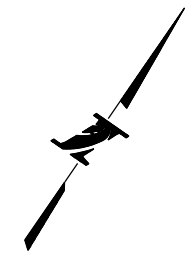
REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 I-55

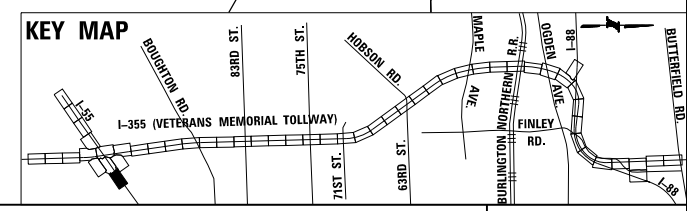
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 DRAWING NO.
 537 OF 1517



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DRAINAGE LEGEND:							
EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



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 CHECKED BY JM DATE 3/11/2018



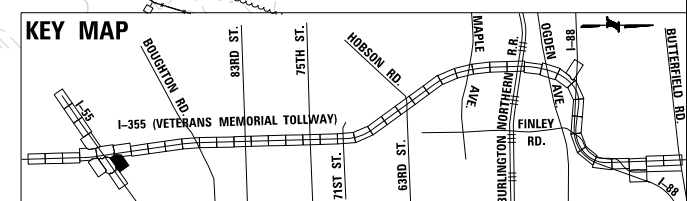
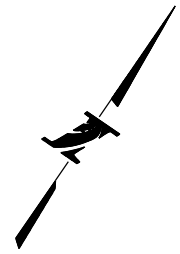
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 I-55
 SHT NO. DR06
 DRAWING NO.
 538 OF 1517

DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



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 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

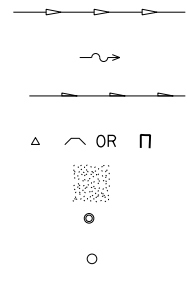
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

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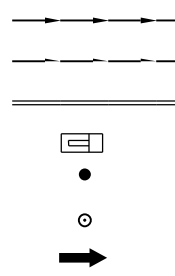
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 PROPOSED DRAINAGE PLAN
 I-55

SHT NO. DR07
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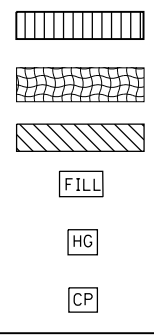
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 EXISTING STORM SEWER
 EXISTING DITCH FLOW LINE
 EXISTING UNDERDRAIN
 EXISTING HEADWALL
 EXISTING RIPRAP
 EXISTING MANHOLE
 EXISTING CATCH BASIN
 EXISTING CULVERT



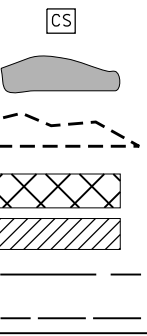
PROPOSED STORM SEWER
 PROPOSED UNDERDRAIN
 TRENCH DRAIN (JT601900)
 PROPOSED HEADWALL
 PROPOSED CATCH BASIN
 PROPOSED MANHOLE
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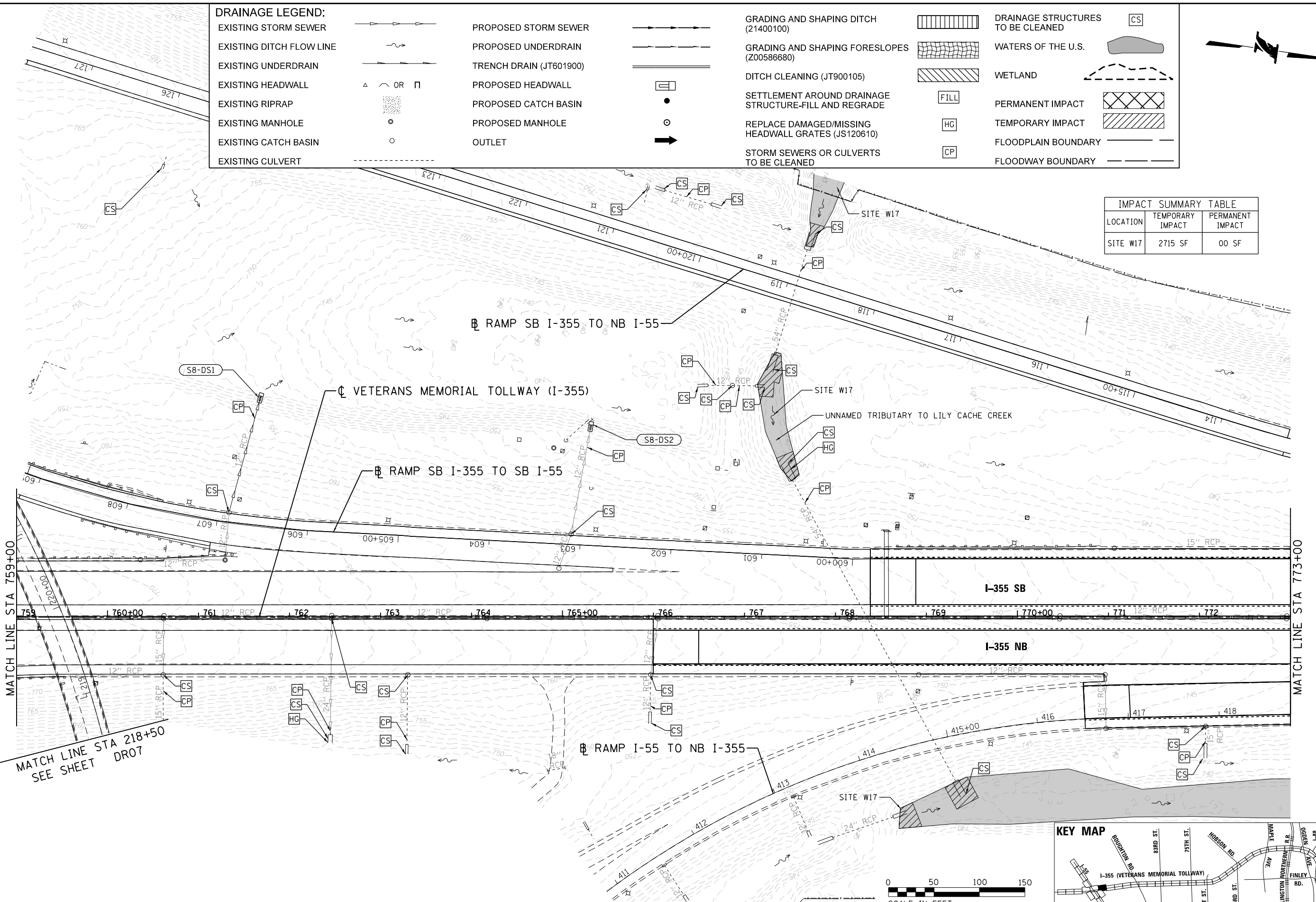
GRADING AND SHAPING DITCH (21400100)
 GRADING AND SHAPING FORESLOPES (Z00586680)
 DITCH CLEANING (JT900105)
 SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE
 REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)
 STORM SEWERS OR CULVERTS TO BE CLEANED



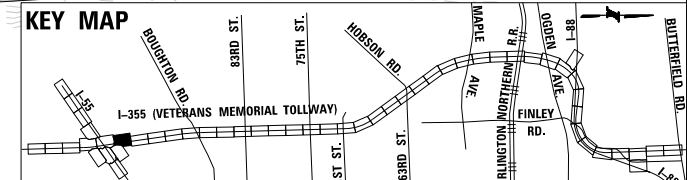
DRAINAGE STRUCTURES TO BE CLEANED
 WATERS OF THE U.S.
 WETLAND
 PERMANENT IMPACT
 TEMPORARY IMPACT
 FLOODPLAIN BOUNDARY
 FLOODWAY BOUNDARY



IMPACT SUMMARY TABLE		
LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
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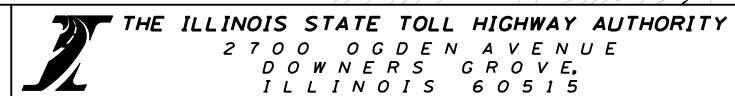
MATCH LINE STA 218+50
 SEE SHEET DRO7



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 Suite 350
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 DOWNERS GROVE,
 ILLINOIS 60515

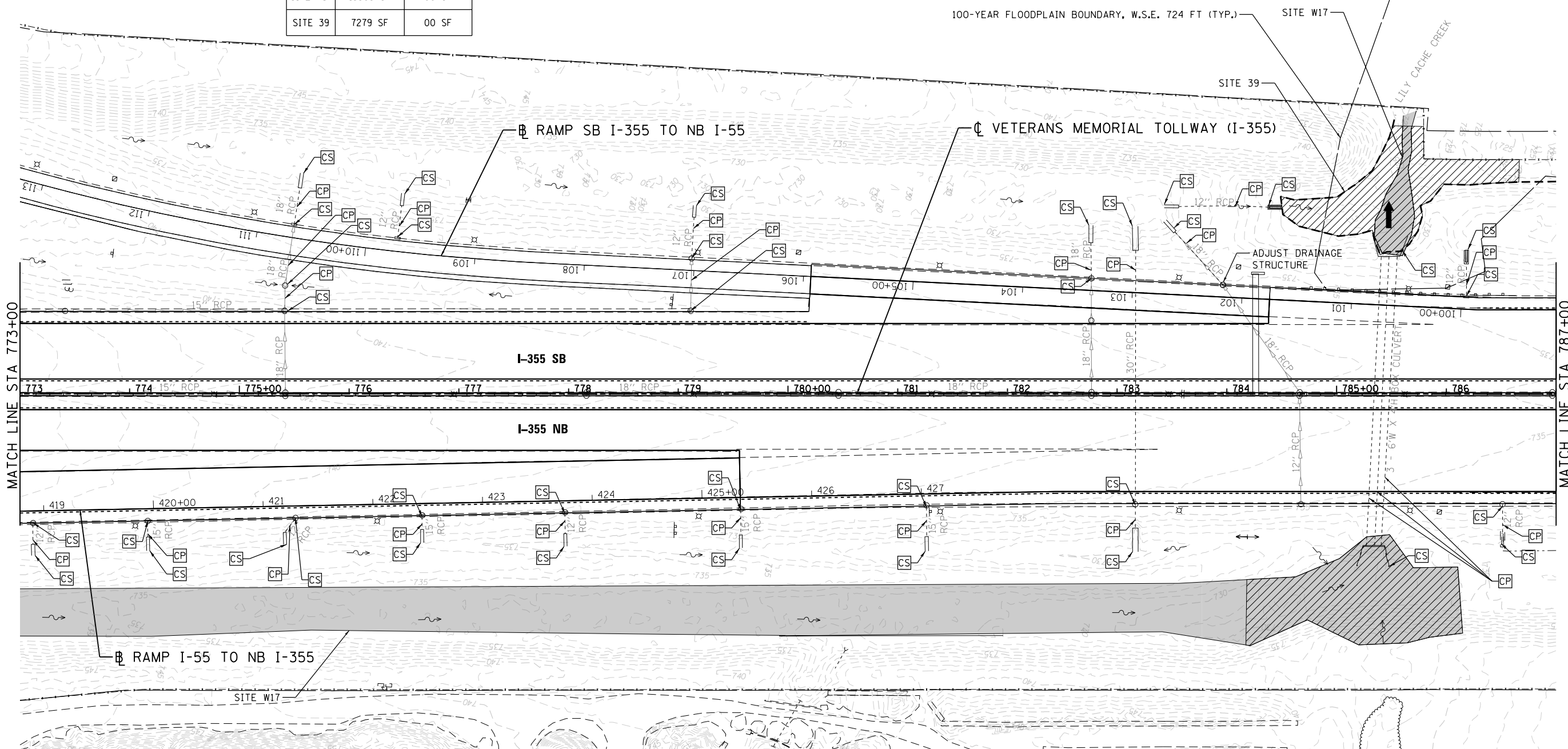
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 759+00 - STA 773+00

SHT NO. DRO8
 DRAWING NO.
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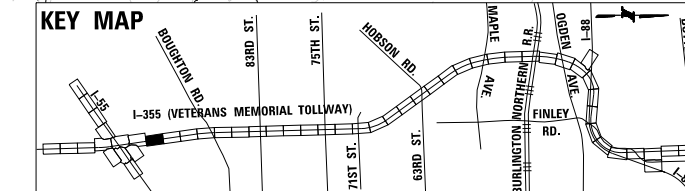
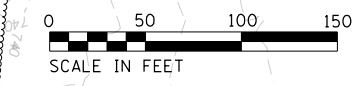
IMPACT SUMMARY TABLE		
LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
SITE W17	15503 SF	00 SF
SITE 39	7279 SF	00 SF



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DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



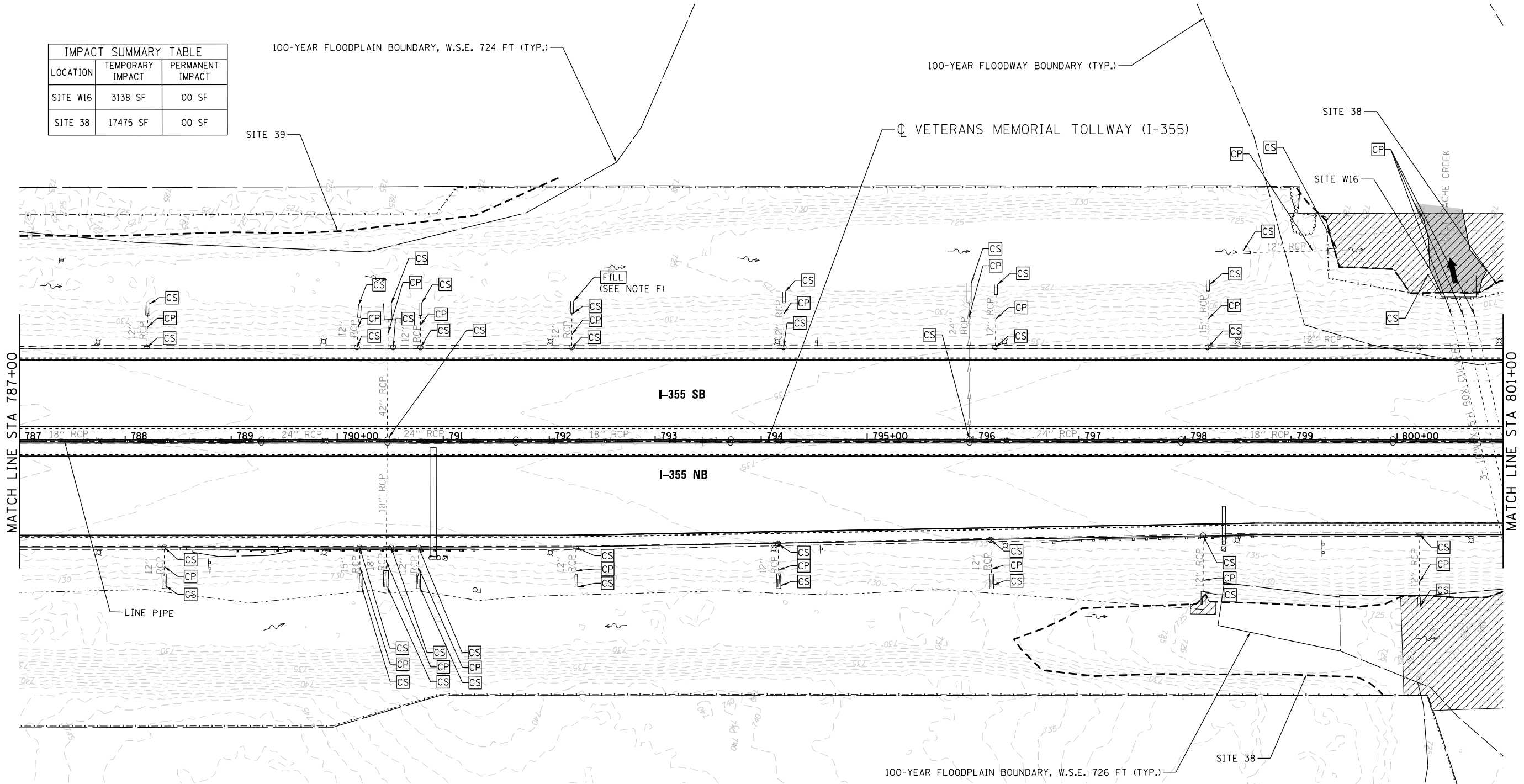
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
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CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 773+00 - STA 787+00
 SHT NO. DR09
 DRAWING NO. 541 OF 1517

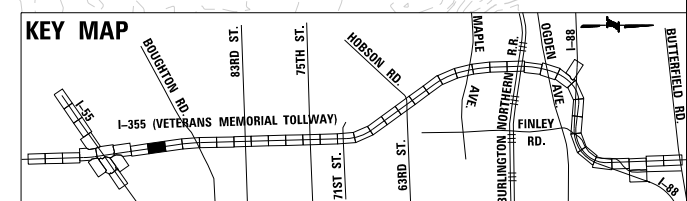
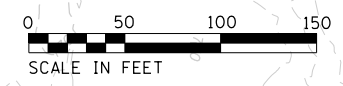


IMPACT SUMMARY TABLE		
LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
SITE W16	3138 SF	00 SF
SITE 38	17475 SF	00 SF



DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



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 118 South Clinton St.
 Suite 350
 Chicago, IL 60661



2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		DESCRIPTION
NO.	DATE	

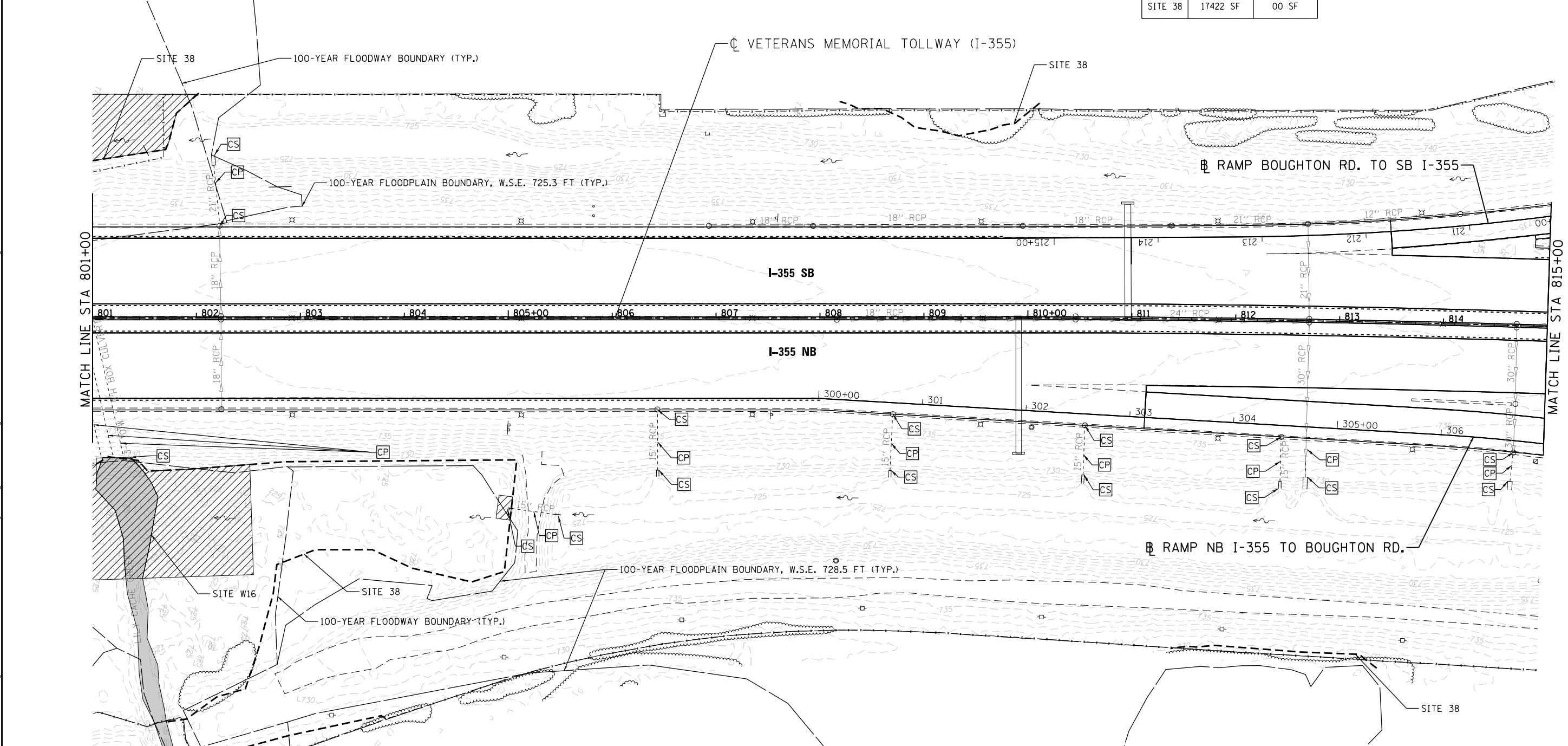
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 STA 787+00 - STA 801+00
 SHT NO. DR10
 DRAWING NO.
 542 OF 1517

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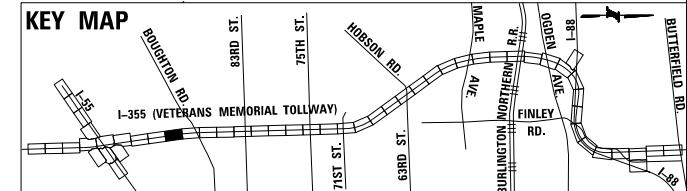
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EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							

IMPACT SUMMARY TABLE

LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
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SITE 38	17422 SF	00 SF



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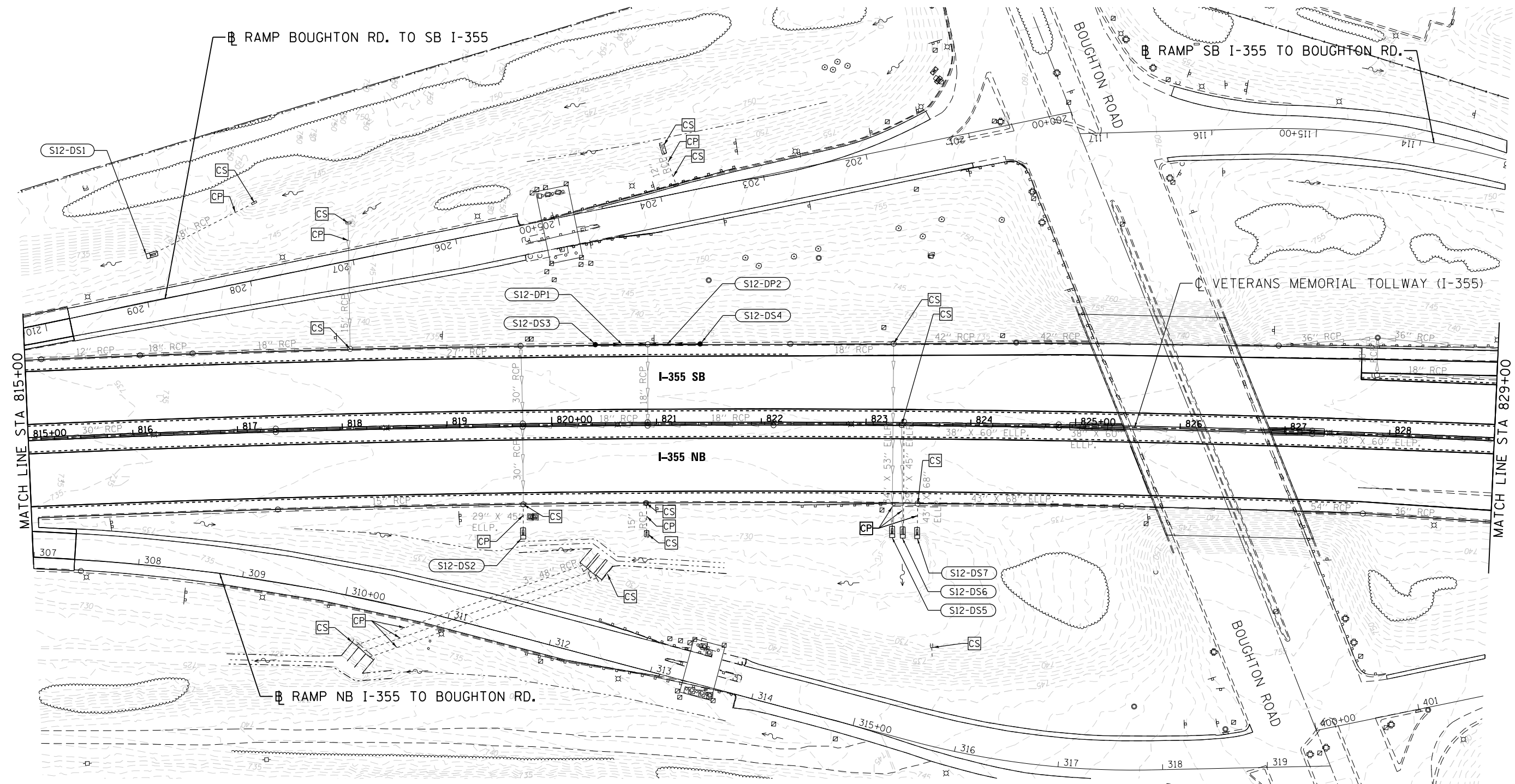


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 CHECKED BY JM DATE 3/11/2018



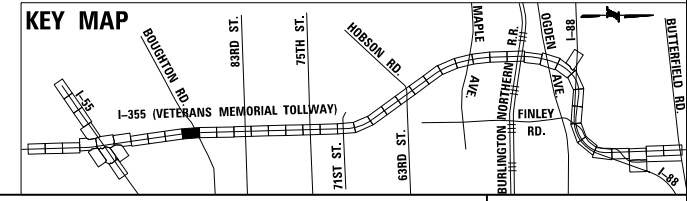
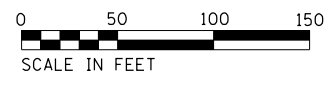
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NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 801+00 - STA 815+00
 SHT NO. DR11
 DRAWING NO. 543 OF 1517



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DRAINAGE LEGEND:							
EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



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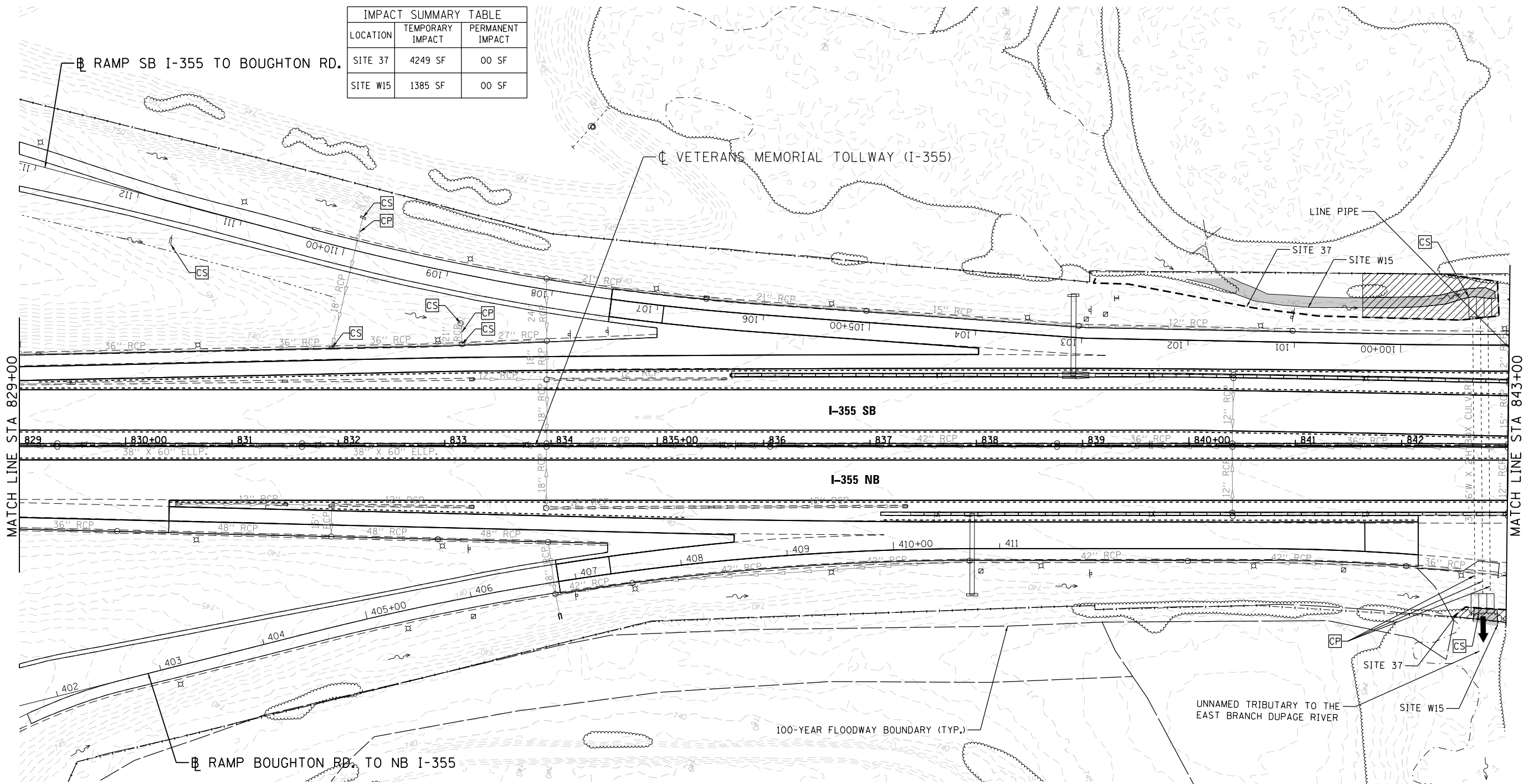


REVISIONS		DESCRIPTION
NO.	DATE	

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 815+00 - STA 829+00
 SHT NO. DR12
 DRAWING NO.
 544 OF 1517



IMPACT SUMMARY TABLE		
LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
SITE 37	4249 SF	00 SF
SITE W15	1385 SF	00 SF



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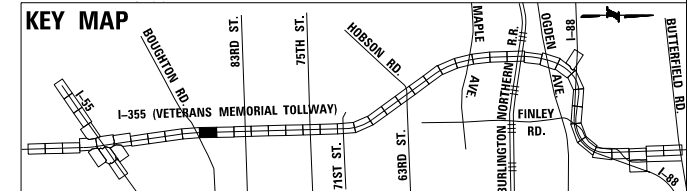
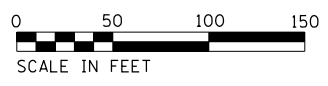
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EXISTING DITCH FLOW LINE	
EXISTING UNDERDRAIN	
EXISTING HEADWALL	
EXISTING RIPRAP	
EXISTING MANHOLE	
EXISTING CATCH BASIN	
EXISTING CULVERT	

PROPOSED STORM SEWER	
PROPOSED UNDERDRAIN	
TRENCH DRAIN (JT601900)	
PROPOSED HEADWALL	
PROPOSED CATCH BASIN	
PROPOSED MANHOLE	
OUTLET	

GRADING AND SHAPING DITCH (21400100)	
GRADING AND SHAPING FORESLOPES (Z00586680)	
DITCH CLEANING (JT900105)	
SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE	
REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)	
STORM SEWERS OR CULVERTS TO BE CLEANED	

DRAINAGE STRUCTURES TO BE CLEANED	
WATERS OF THE U.S.	
WETLAND	
PERMANENT IMPACT	
TEMPORARY IMPACT	
FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	

	CS
	CP
	CP



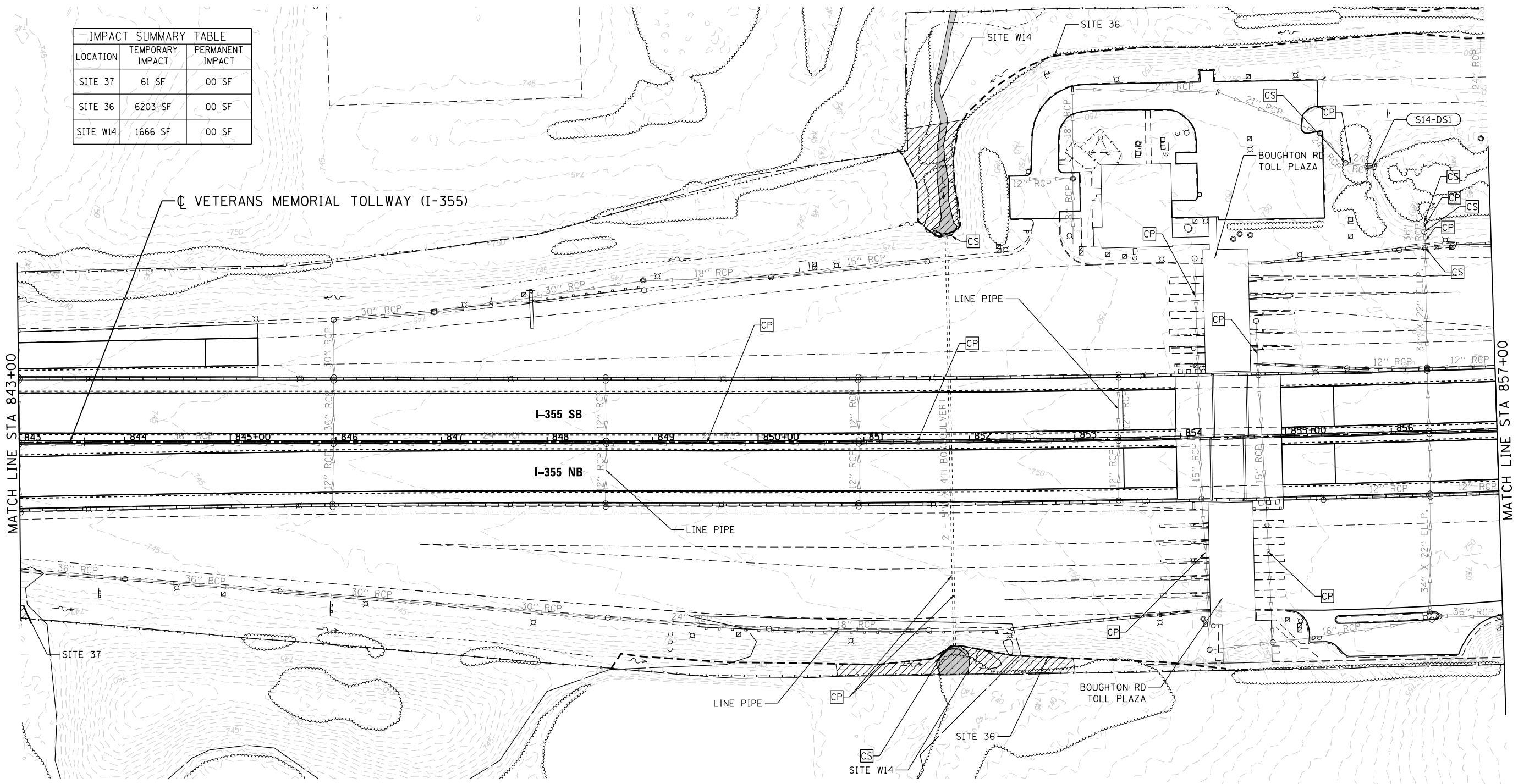
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 CHECKED BY JM DATE 3/11/2018



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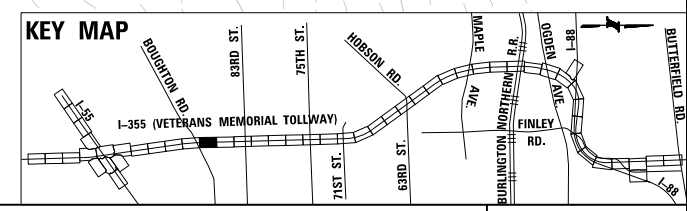
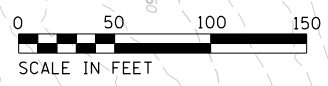
CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 829+00 - STA 843+00
 SHT NO. DR13
 DRAWING NO.
 545 OF 1517

IMPACT SUMMARY TABLE		
LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
SITE 37	61 SF	00 SF
SITE 36	6203 SF	00 SF
SITE W14	1666 SF	00 SF



DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



DRAWN BY KP DATE 3/11/2018
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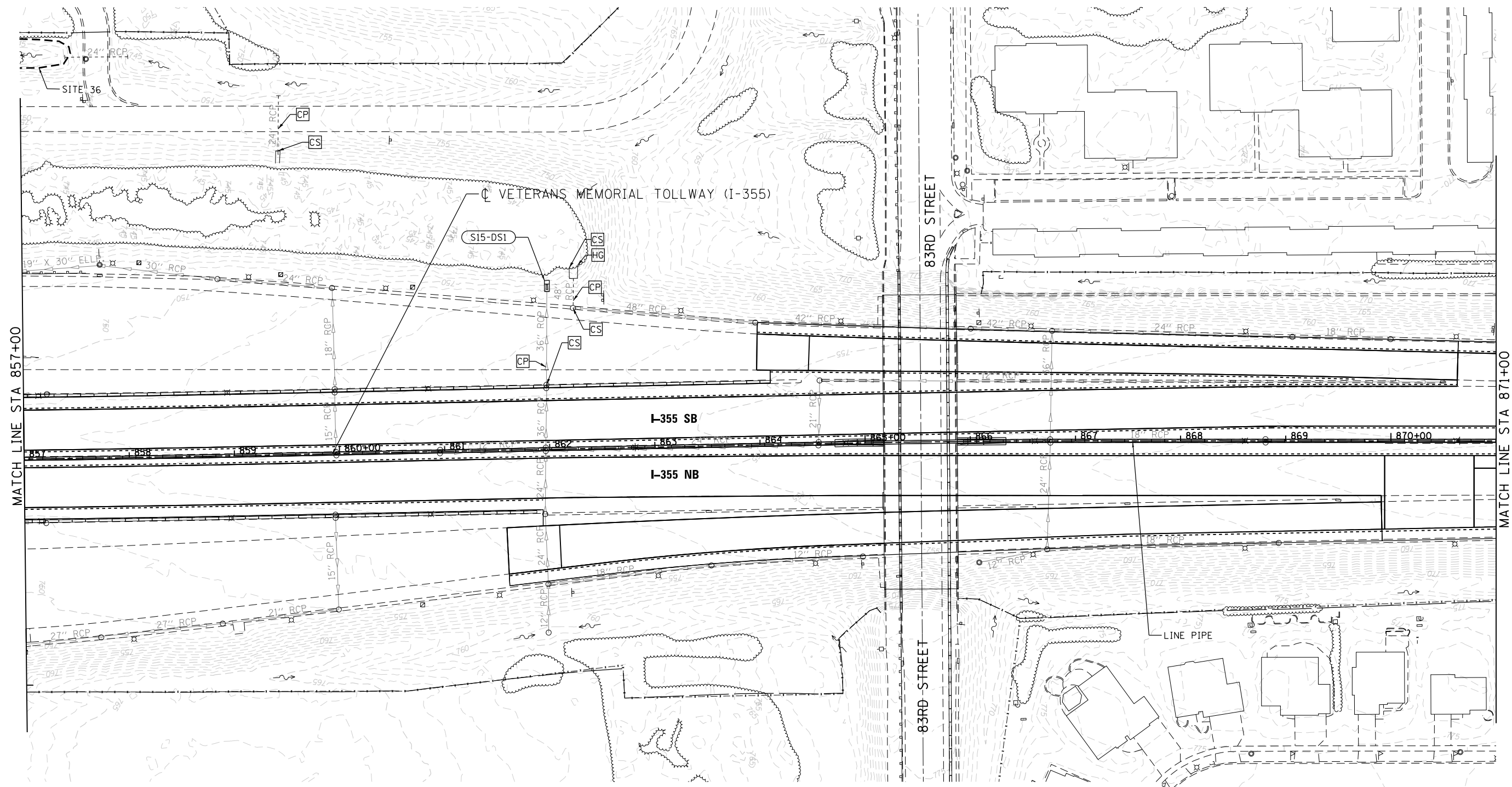
2im Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661



2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 843+00 - STA 857+00
 SHT NO. DR14
 DRAWING NO. 546 OF 1517



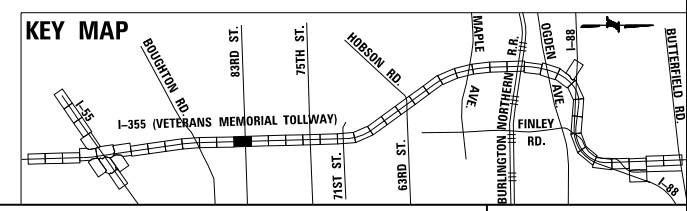
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DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)	
EXISTING HEADWALL		PROPOSED HEADWALL	
EXISTING RIPRAP		PROPOSED CATCH BASIN	
EXISTING MANHOLE		PROPOSED MANHOLE	
EXISTING CATCH BASIN		OUTLET	
EXISTING CULVERT			

GRADING AND SHAPING DITCH (21400100)	
GRADING AND SHAPING FORESLOPES (Z00586680)	
DITCH CLEANING (JT900105)	
SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE	
REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)	
STORM SEWERS OR CULVERTS TO BE CLEANED	

DRAINAGE STRUCTURES TO BE CLEANED		CS
WATERS OF THE U.S.		
WETLAND		
PERMANENT IMPACT		
TEMPORARY IMPACT		
FLOODPLAIN BOUNDARY		
FLOODWAY BOUNDARY		



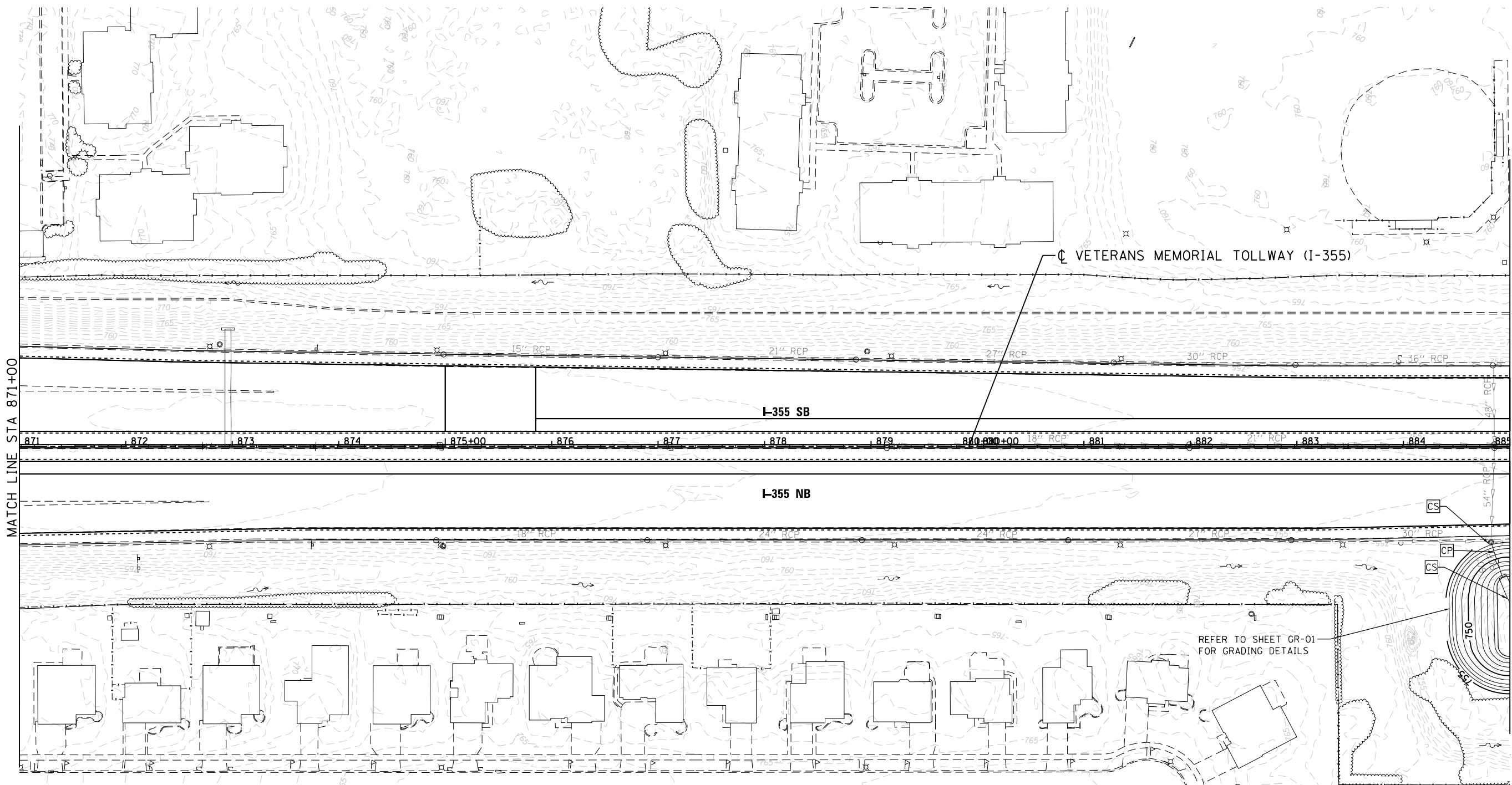
DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 857+00 - STA 871+00

SHT NO. DR15
 DRAWING NO.
 547 OF 1517



MATCH LINE STA 871+00

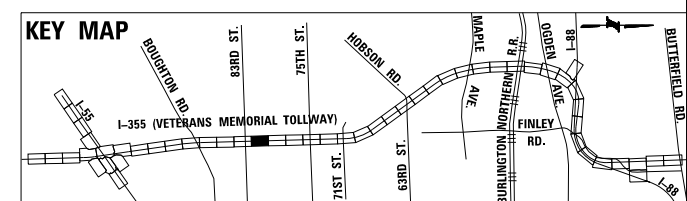
MATCH LINE STA 885+00

DRAINAGE LEGEND:

- | | | | |
|--------------------------|--|-------------------------|--|
| EXISTING STORM SEWER | | PROPOSED STORM SEWER | |
| EXISTING DITCH FLOW LINE | | PROPOSED UNDERDRAIN | |
| EXISTING UNDERDRAIN | | TRENCH DRAIN (JT601900) | |
| EXISTING HEADWALL | | PROPOSED HEADWALL | |
| EXISTING RIPRAP | | PROPOSED CATCH BASIN | |
| EXISTING MANHOLE | | PROPOSED MANHOLE | |
| EXISTING CATCH BASIN | | OUTLET | |
| EXISTING CULVERT | | | |

- | | |
|---|--|
| GRADING AND SHAPING DITCH (21400100) | |
| GRADING AND SHAPING FORESLOPES (Z00586680) | |
| DITCH CLEANING (JT900105) | |
| SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE | |
| REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610) | |
| STORM SEWERS OR CULVERTS TO BE CLEANED | |

- | | | |
|-----------------------------------|--|----|
| DRAINAGE STRUCTURES TO BE CLEANED | | CS |
| WATERS OF THE U.S. | | |
| WETLAND | | |
| FILL | | |
| HG | | |
| CP | | |
| PERMANENT IMPACT | | |
| TEMPORARY IMPACT | | |
| FLOODPLAIN BOUNDARY | | |
| FLOODWAY BOUNDARY | | |



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



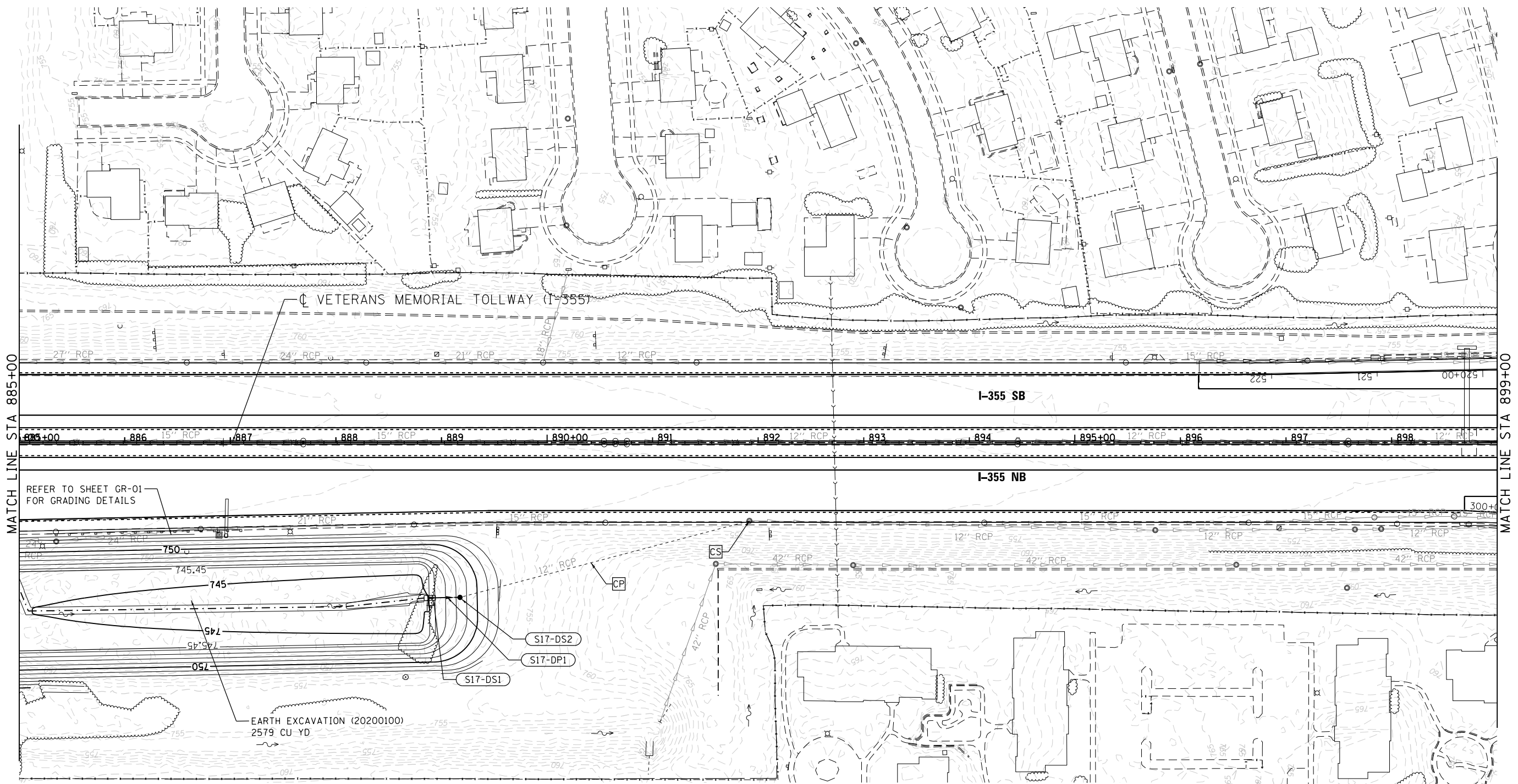
2im Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661



2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255	SHT NO. DR16
PROPOSED DRAINAGE PLAN	DRAWING NO.
STA 871+00 - STA 885+00	548 OF 1517



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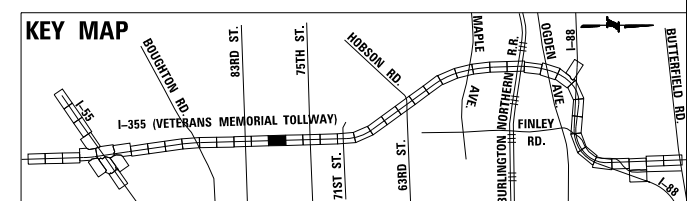
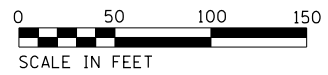
DRAINAGE LEGEND:

- EXISTING STORM SEWER
- EXISTING DITCH FLOW LINE
- EXISTING UNDERDRAIN
- EXISTING HEADWALL
- EXISTING RIPRAP
- EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING CULVERT

- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- TRENCH DRAIN (JT601900)
- PROPOSED HEADWALL
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- OUTLET

- GRADING AND SHAPING DITCH (21400100)
- GRADING AND SHAPING FORESLOPES (Z00586680)
- DITCH CLEANING (JT900105)
- SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE
- REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)
- STORM SEWERS OR CULVERTS TO BE CLEANED

- DRAINAGE STRUCTURES TO BE CLEANED
- WATERS OF THE U.S.
- WETLAND
- PERMANENT IMPACT
- TEMPORARY IMPACT
- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



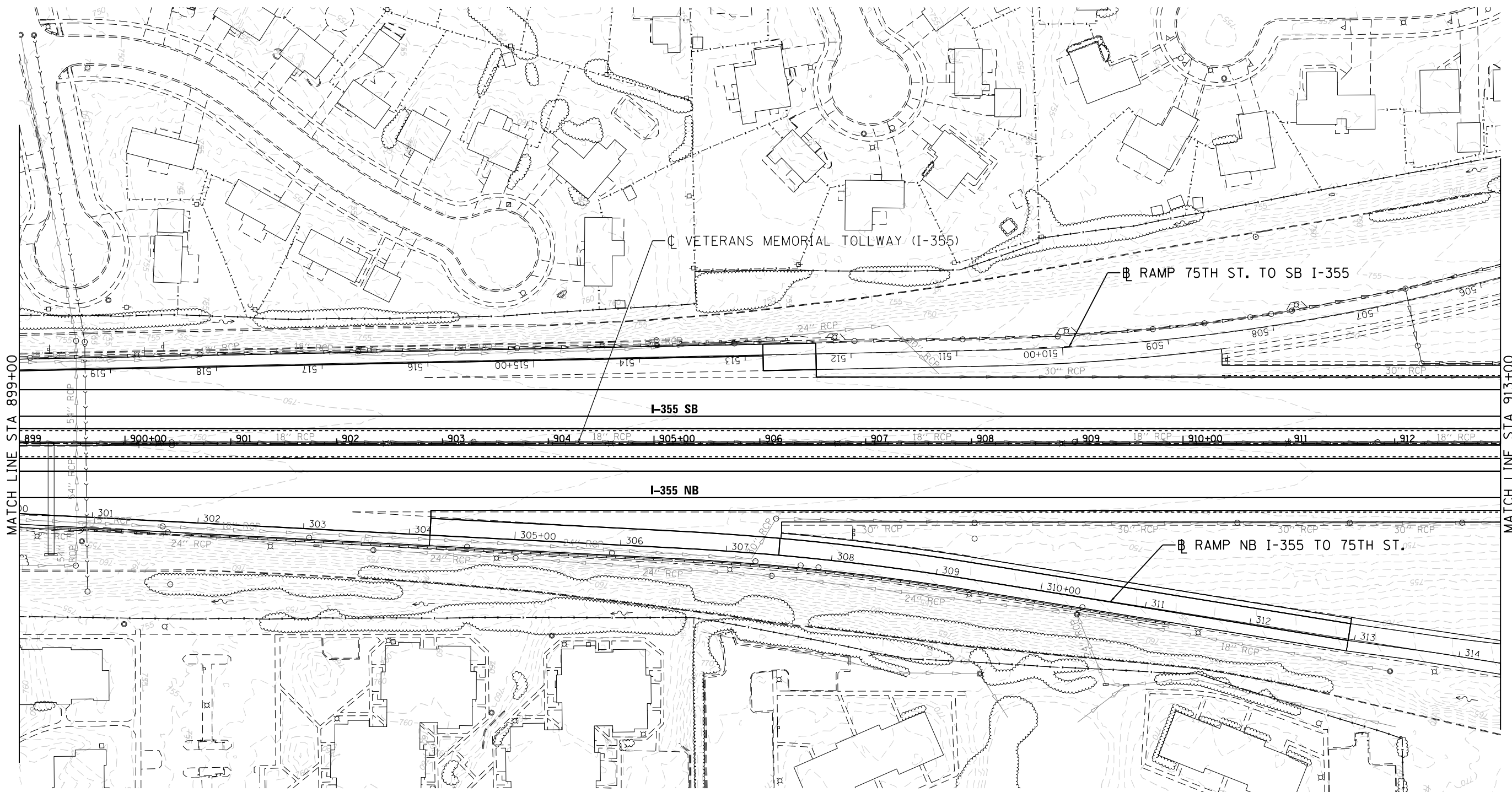
2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661



2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

NO.		DATE		REVISIONS DESCRIPTION	

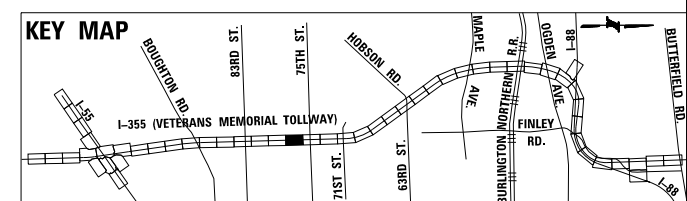
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 PROPOSED DRAINAGE PLAN
 STA 885+00 - STA 899+00
 SHT NO. DR17
 DRAWING NO. 549 OF 1517



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DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED		CS
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.		
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND		
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT		
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT		
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY		
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY		
EXISTING CULVERT								



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 CHECKED BY JM DATE 3/11/2018



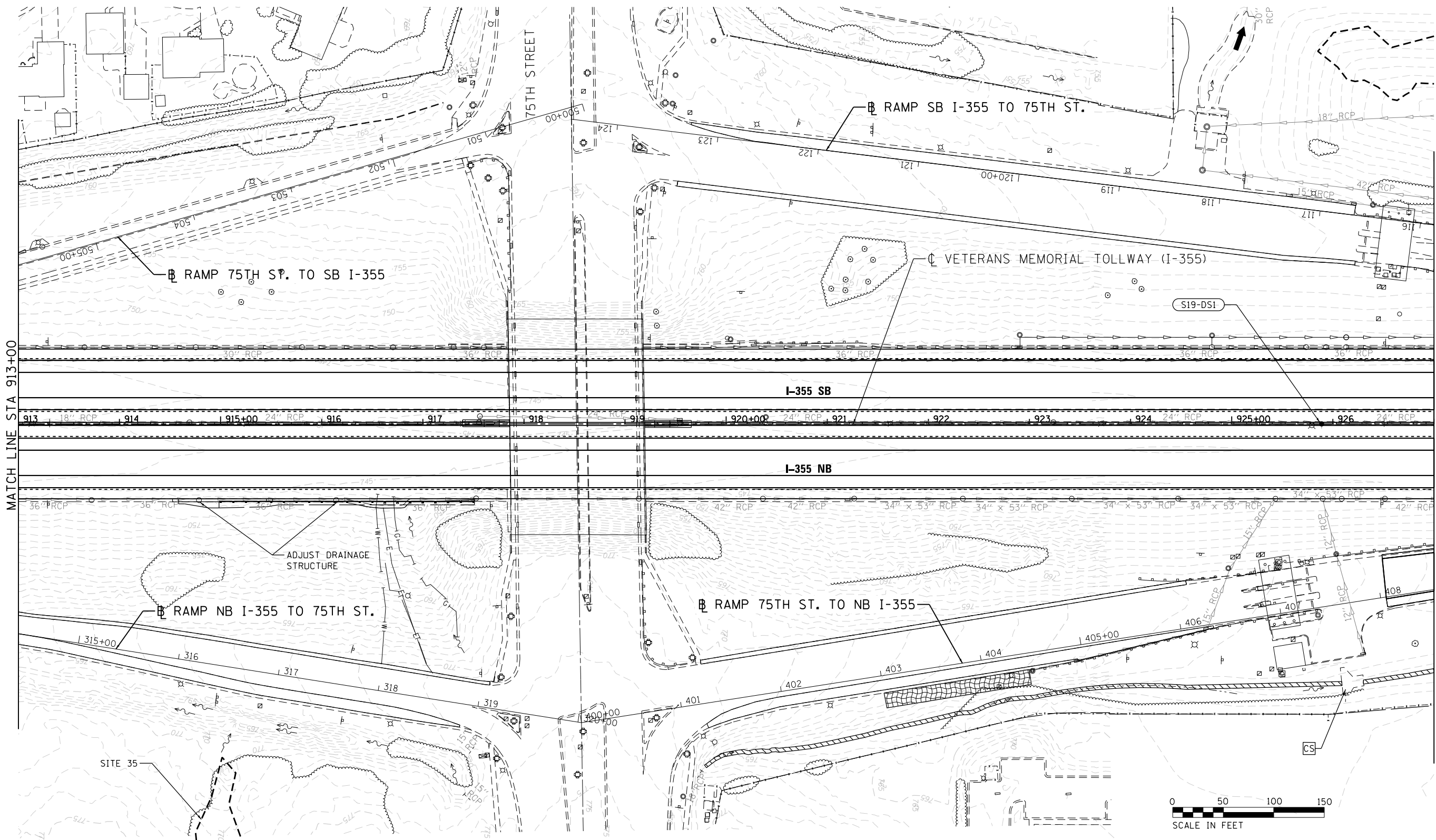
2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661



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 DOWNERS GROVE,
 ILLINOIS 60515

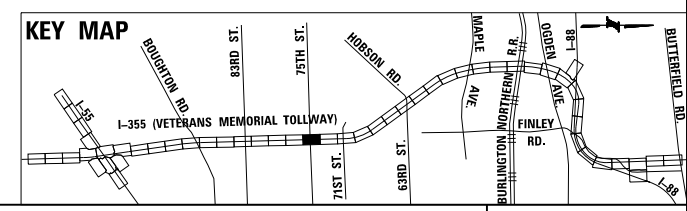
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NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 899+00 - STA 913+00
 SHT NO. DR18
 DRAWING NO.
 550 OF 1517



MATCH LINE STA 913+00

MATCH LINE STA 927+00



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CHECKED BY JM DATE 3/11/2018

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118 South Clinton St.
Suite 350
Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

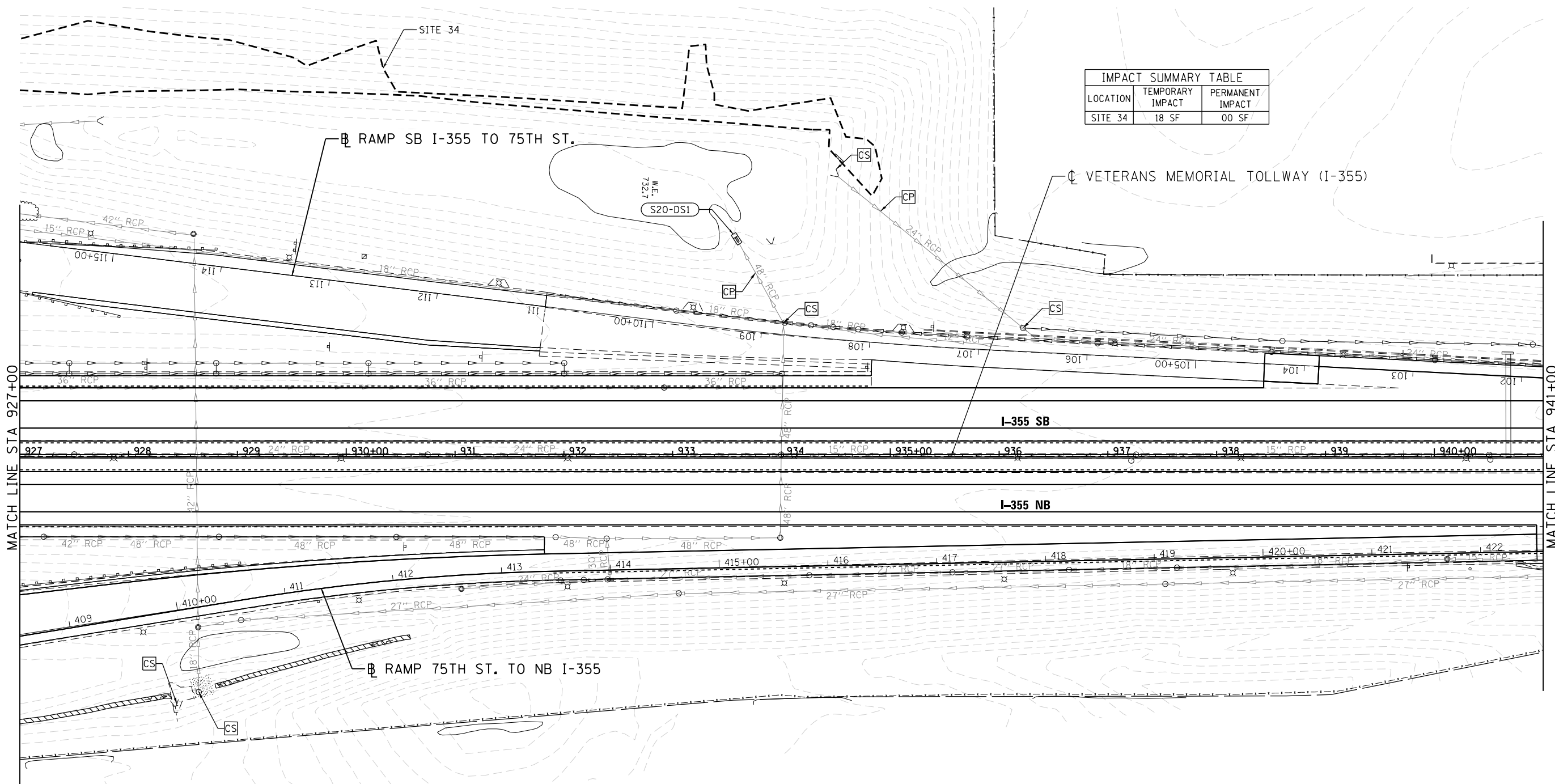
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NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
PROPOSED DRAINAGE PLAN
STA 913+00 - STA 927+00

SHT NO. DR19
DRAWING NO.
551 OF 1517



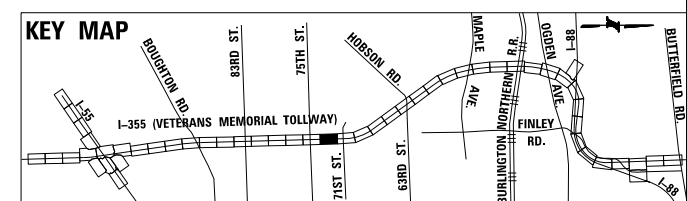
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DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



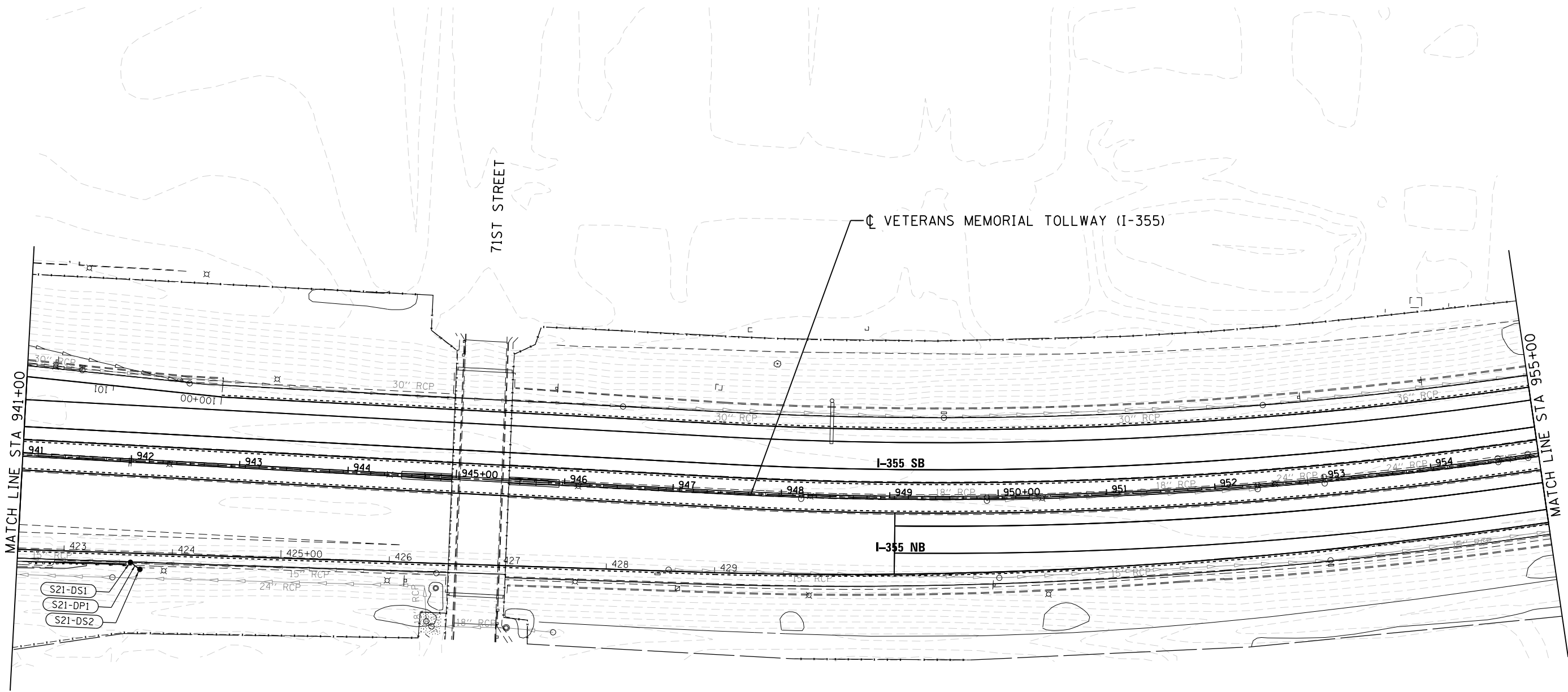
2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661



2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

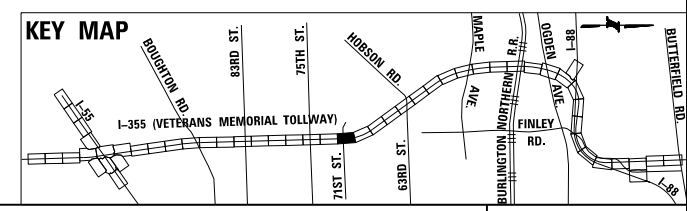
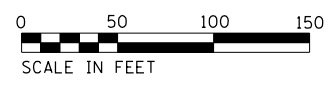
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 PROPOSED DRAINAGE PLAN
 STA 927+00 - STA 941+00
 SHT NO. DR20
 DRAWING NO. 552 OF 1517



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DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



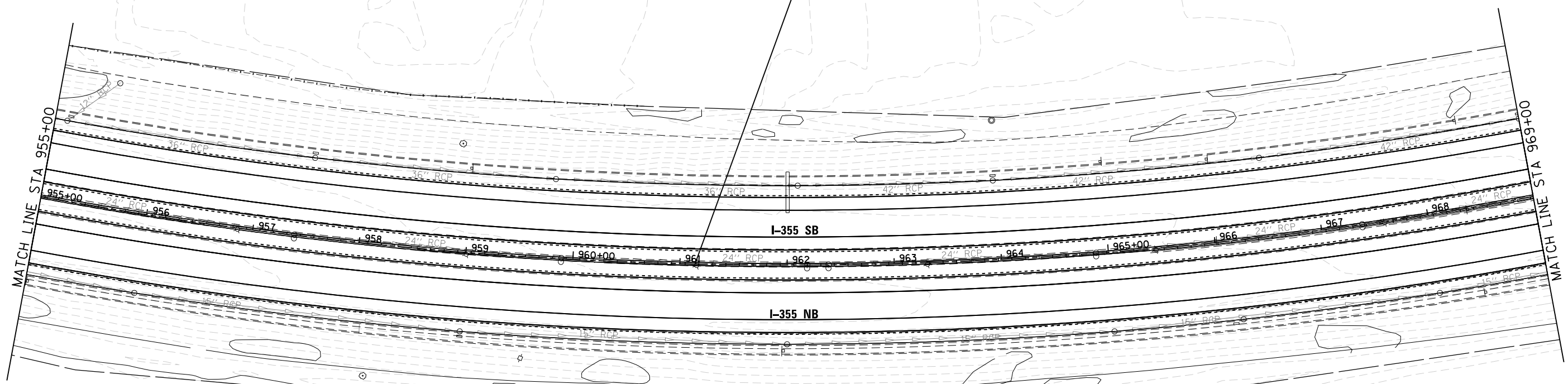
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 941+00 - STA 955+00
 SHT NO. DR21
 DRAWING NO. 553 OF 1517



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SHOWN ON THIS SHEET

VETERANS MEMORIAL TOLLWAY (I-355)



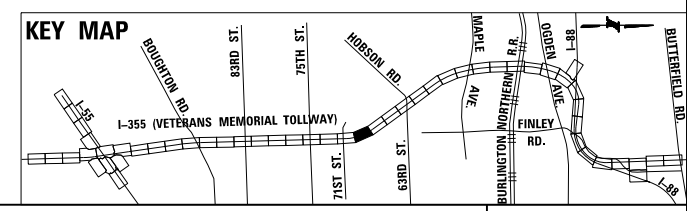
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- EXISTING STORM SEWER
- EXISTING DITCH FLOW LINE
- EXISTING UNDERDRAIN
- EXISTING HEADWALL
- EXISTING RIPRAP
- EXISTING MANHOLE
- EXISTING CATCH BASIN
- EXISTING CULVERT

- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- TRENCH DRAIN (JT601900)
- PROPOSED HEADWALL
- PROPOSED CATCH BASIN
- PROPOSED MANHOLE
- OUTLET

- GRADING AND SHAPING DITCH (21400100)
- GRADING AND SHAPING FORESLOPES (Z00586680)
- DITCH CLEANING (JT900105)
- SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE
- REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)
- STORM SEWERS OR CULVERTS TO BE CLEANED

- DRAINAGE STRUCTURES TO BE CLEANED
- WATERS OF THE U.S.
- WETLAND
- PERMANENT IMPACT
- TEMPORARY IMPACT
- FLOODPLAIN BOUNDARY
- FLOODWAY BOUNDARY



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

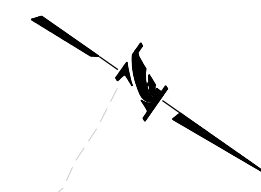


THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 955+00 - STA 969+00

SHT NO. DR22
 DRAWING NO.
 554 OF 1517

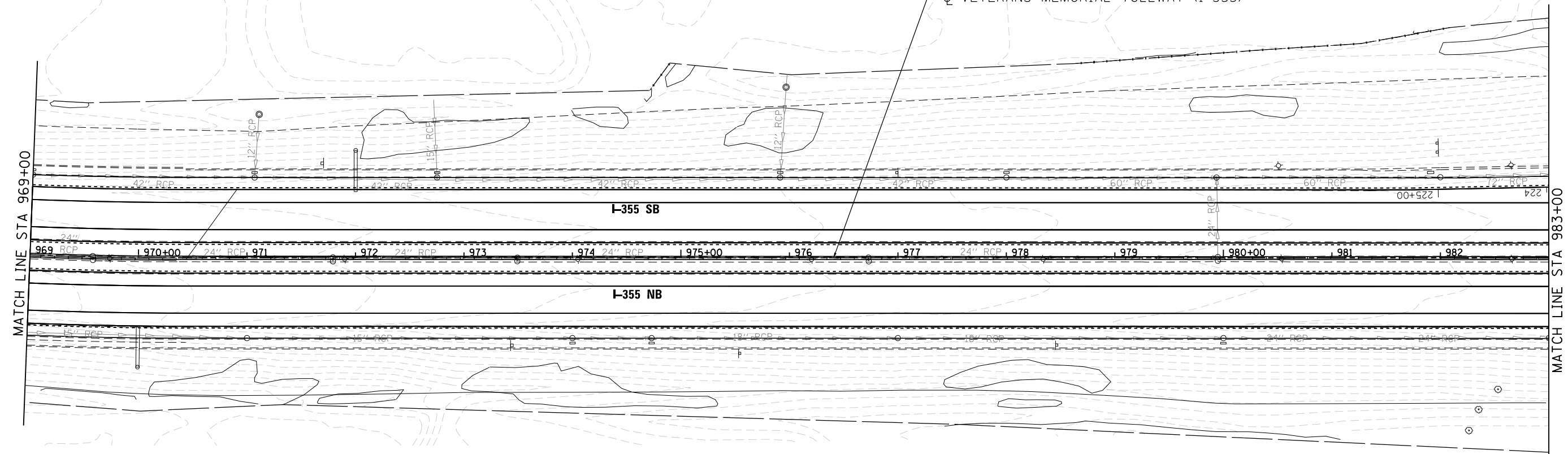


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VETERANS MEMORIAL TOLLWAY (I-355)

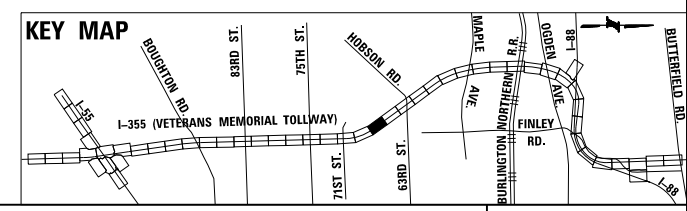
MATCH LINE STA 969+00

MATCH LINE STA 983+00



DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



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CHECKED BY JM DATE 3/11/2018



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118 South Clinton St.
Suite 350
Chicago, IL 60661



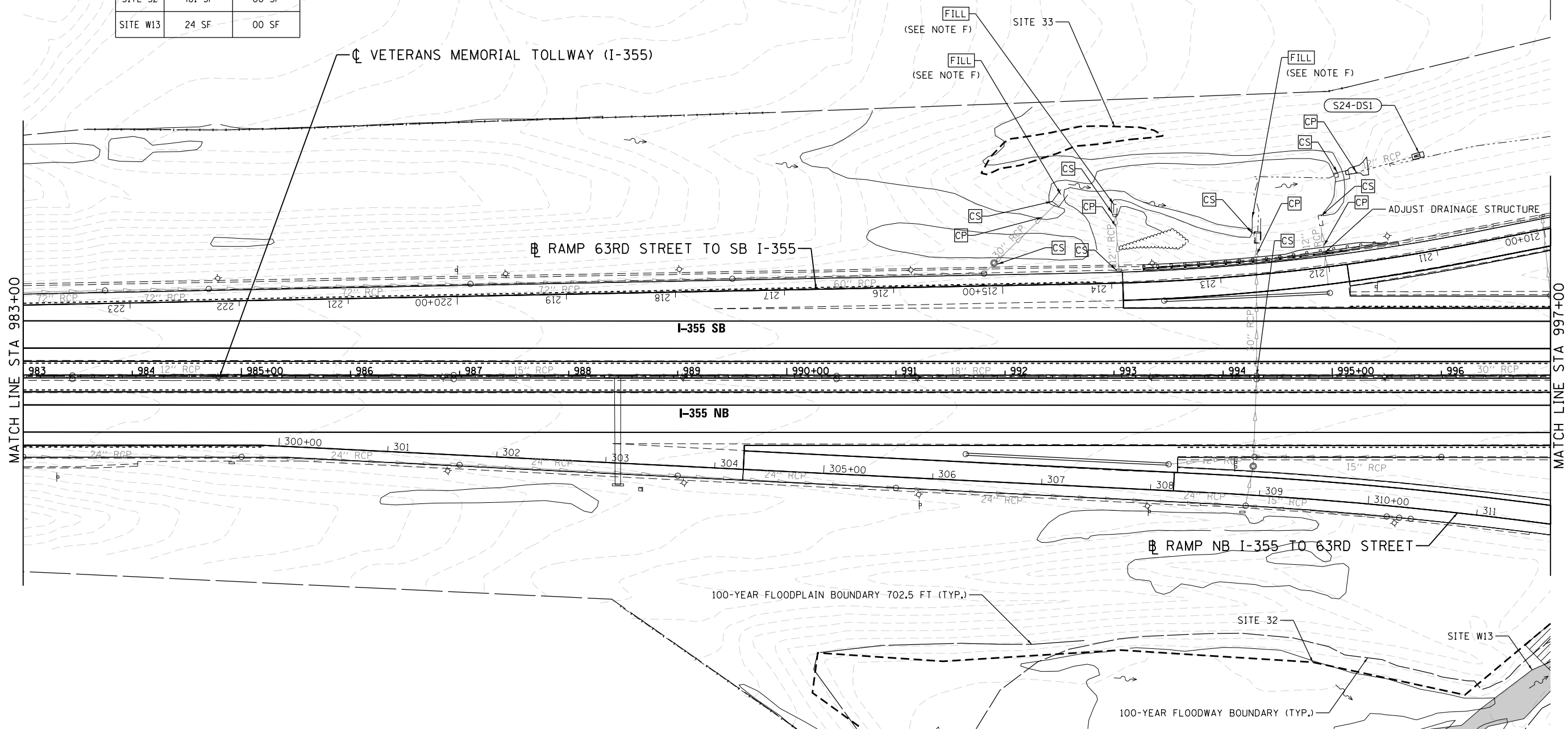
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

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PROPOSED DRAINAGE PLAN
STA 969+00 - STA 983+00
SHT NO. DR23
DRAWING NO. 555 OF 1517

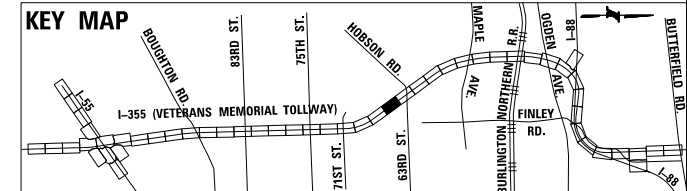
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IMPACT SUMMARY TABLE		
LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
SITE 32	481 SF	00 SF
SITE W13	24 SF	00 SF



DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



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 118 South Clinton St.
 Suite 350
 Chicago, IL 60661



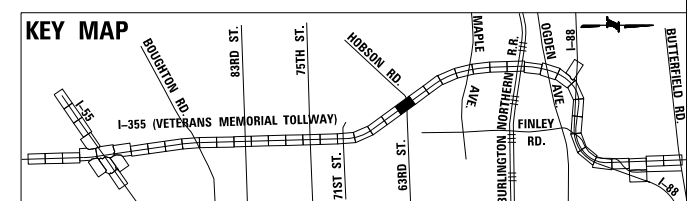
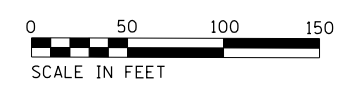
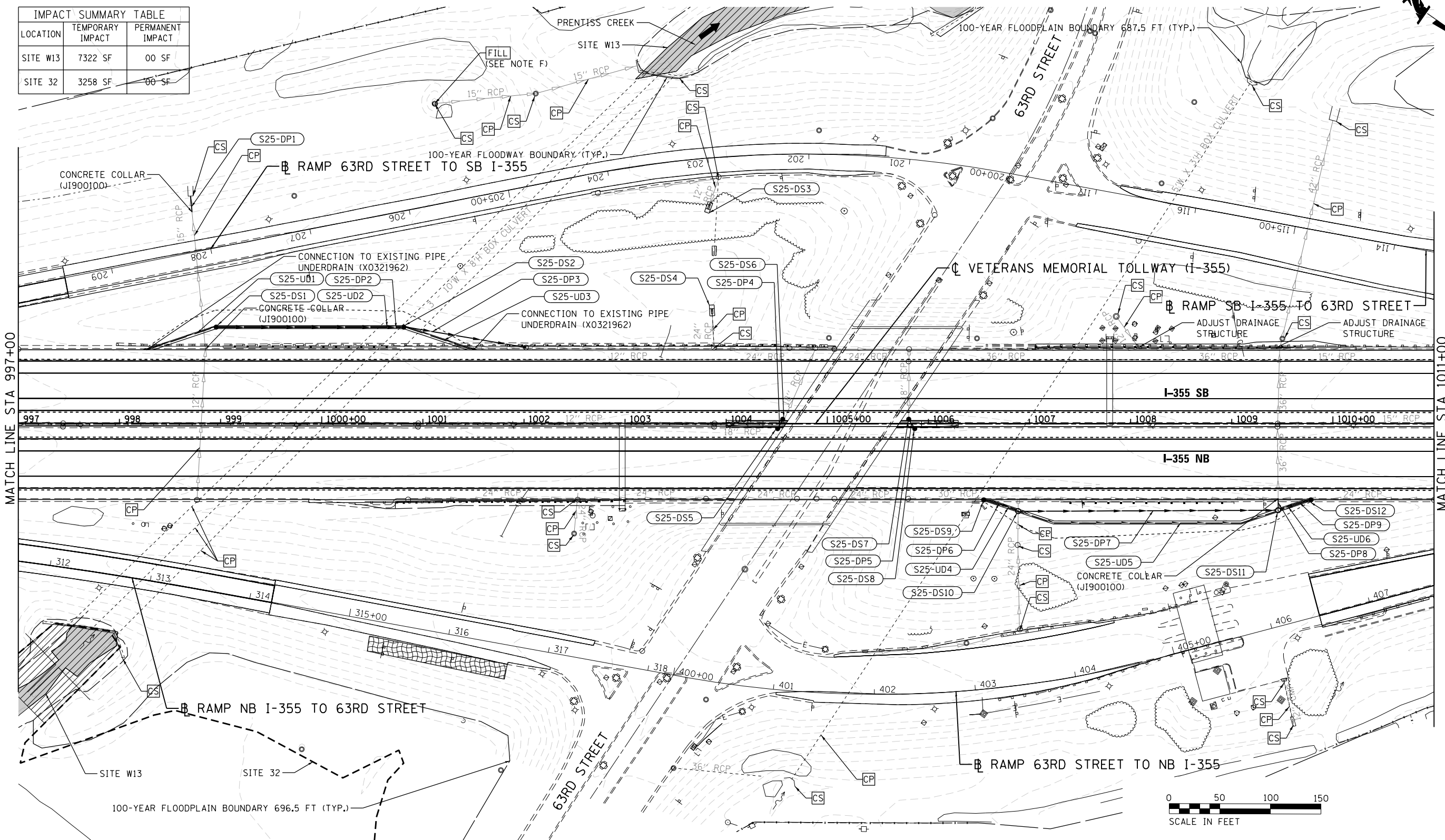
2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 983+00 - STA 997+00
 SHT NO. DR24
 DRAWING NO. 556 OF 1517

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IMPACT SUMMARY TABLE		
LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
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SITE 32	3258 SF	00 SF



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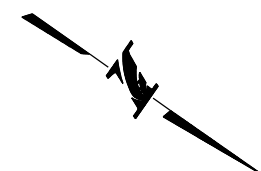
2im
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

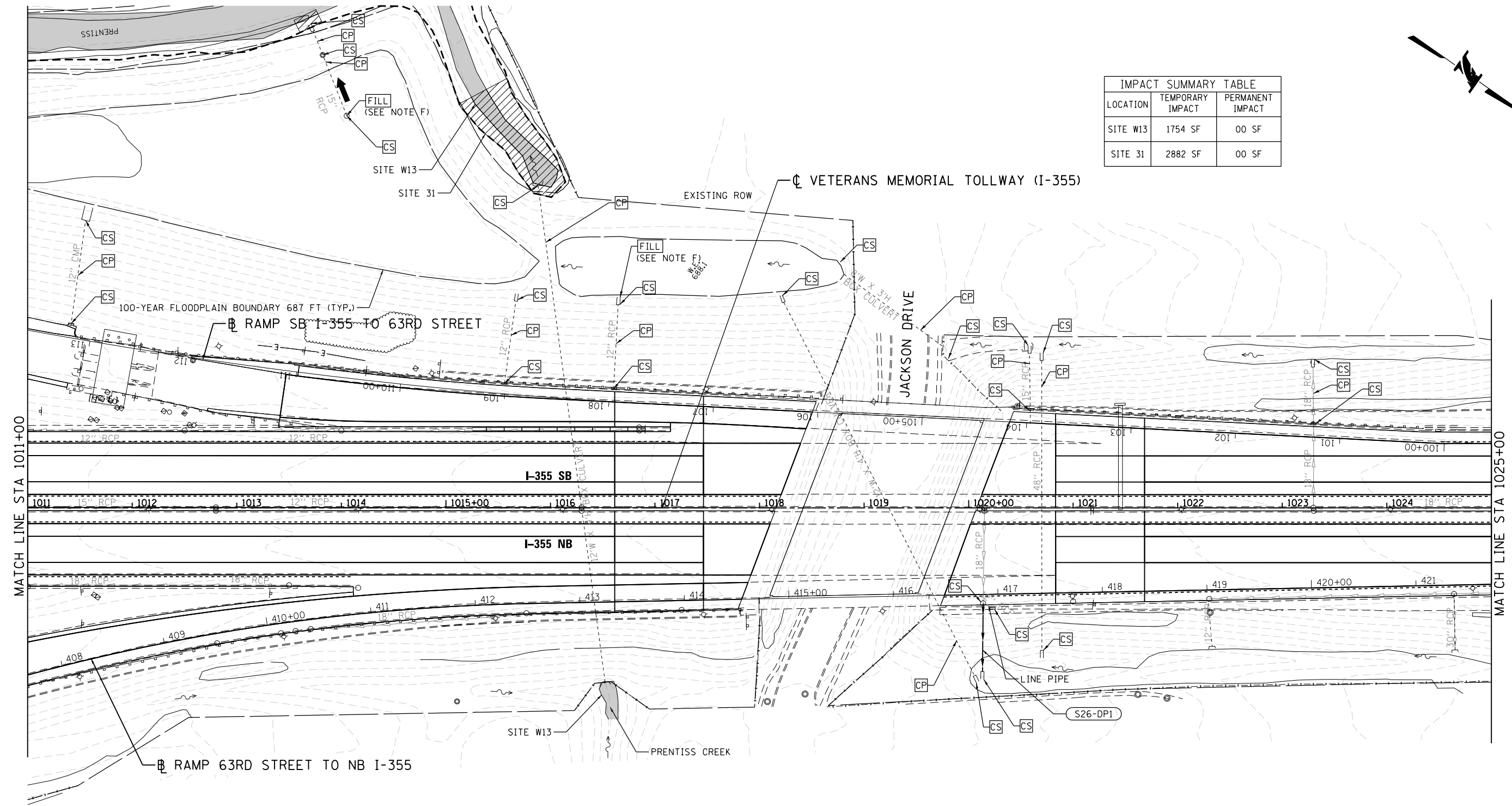
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NO.	DATE	DESCRIPTION	

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 997+00 - STA 1011+00

SHT NO. DR25
 DRAWING NO.
 557 OF 1517



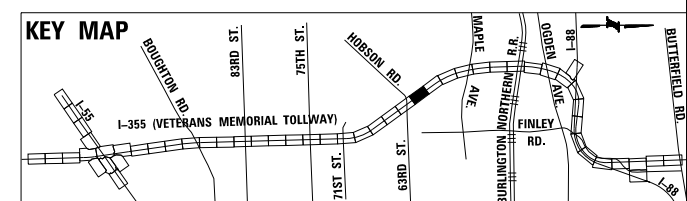
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LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
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SITE 31	2882 SF	00 SF



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DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED		CS
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.		
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND		
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT		
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT		
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY		
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY		
EXISTING CULVERT								

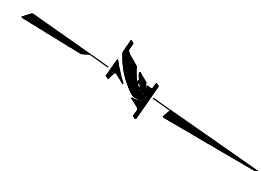


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CHECKED BY	JM	DATE	3/11/2018



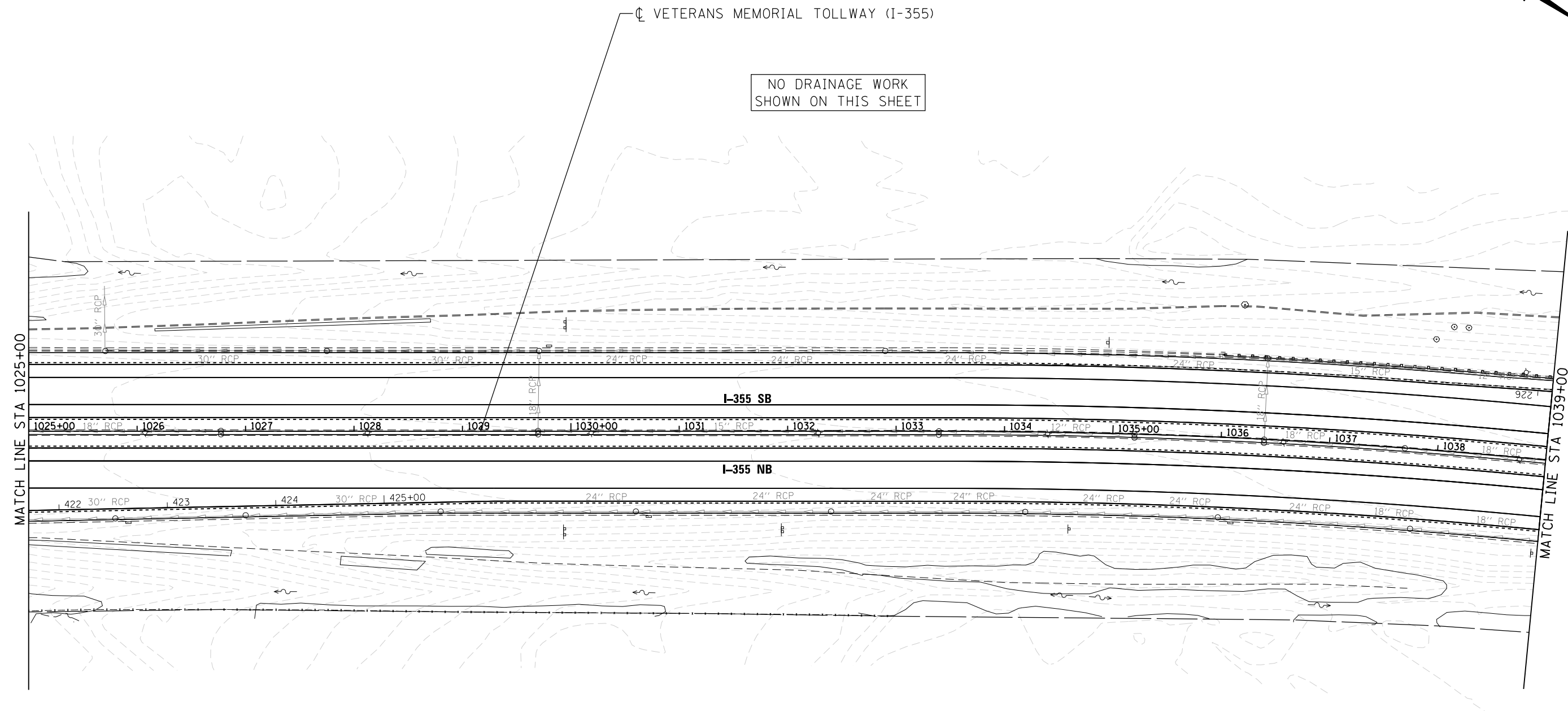
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255	SHT NO. DR26
PROPOSED DRAINAGE PLAN	DRAWING NO. 558
STA 1011+00 - STA 1025+00	OF 1517



VETERANS MEMORIAL TOLLWAY (I-355)

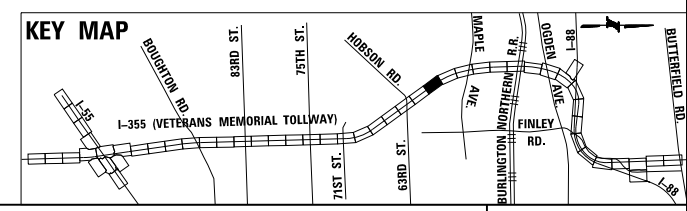
NO DRAINAGE WORK
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DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

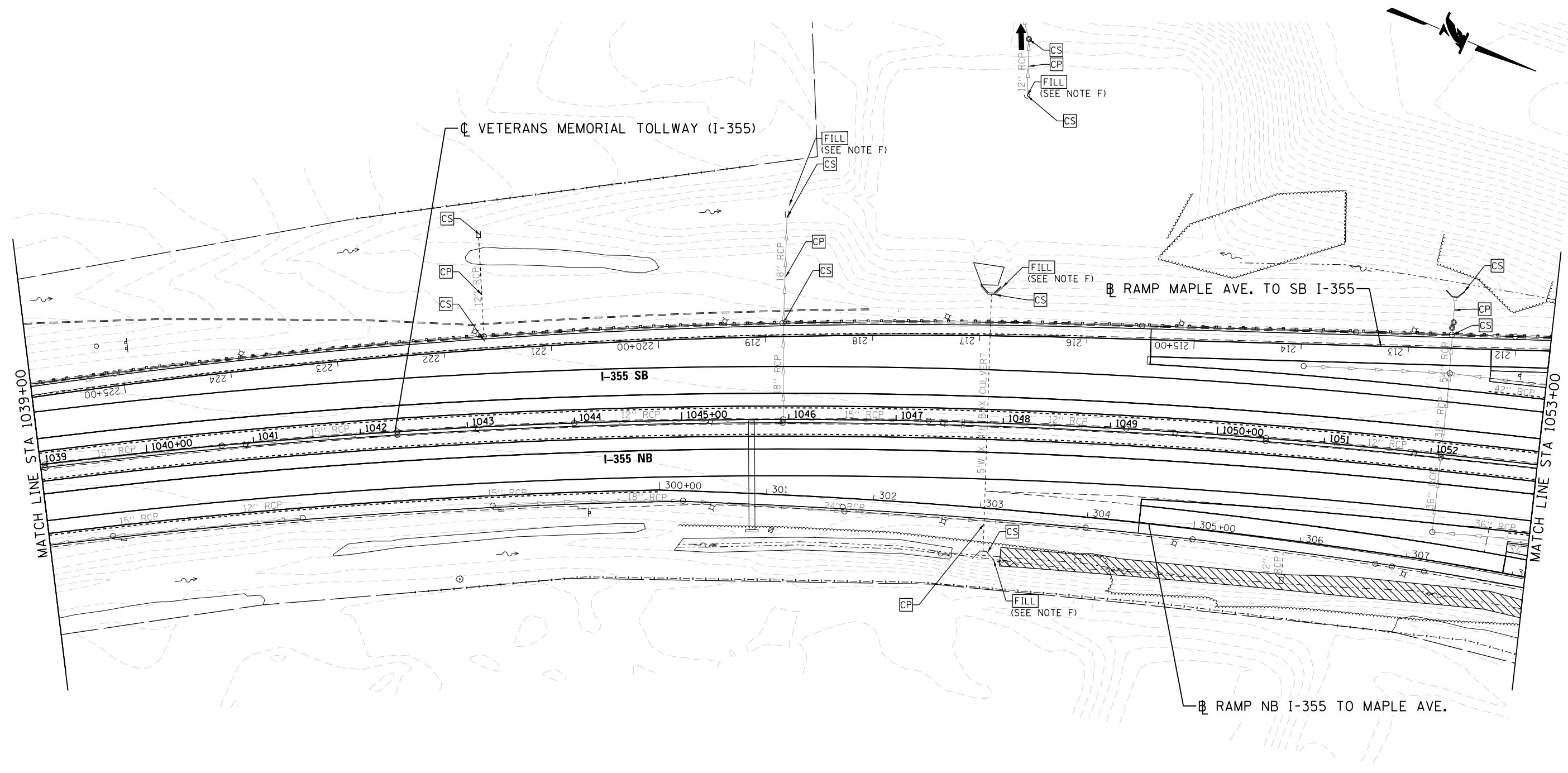


REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1025+00 - STA 1039+00

SHT NO. DR27
 DRAWING NO.
 559 OF 1517

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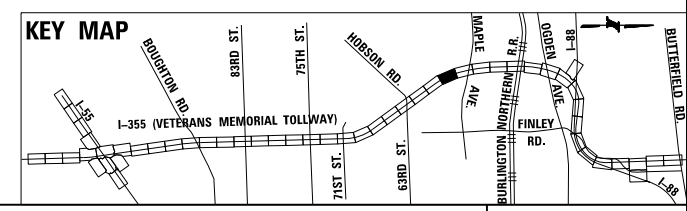


DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)	
EXISTING HEADWALL		PROPOSED HEADWALL	
EXISTING RIPRAP		PROPOSED CATCH BASIN	
EXISTING MANHOLE		PROPOSED MANHOLE	
EXISTING CATCH BASIN		OUTLET	
EXISTING CULVERT			

GRADING AND SHAPING DITCH (21400100)	
GRADING AND SHAPING FORESLOPES (Z00586680)	
DITCH CLEANING (JT900105)	
SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE	
REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)	
STORM SEWERS OR CULVERTS TO BE CLEANED	

	DRAINAGE STRUCTURES TO BE CLEANED	CS
	WATERS OF THE U.S.	
	WETLAND	
	PERMANENT IMPACT	
	TEMPORARY IMPACT	
	FLOODPLAIN BOUNDARY	
	FLOODWAY BOUNDARY	



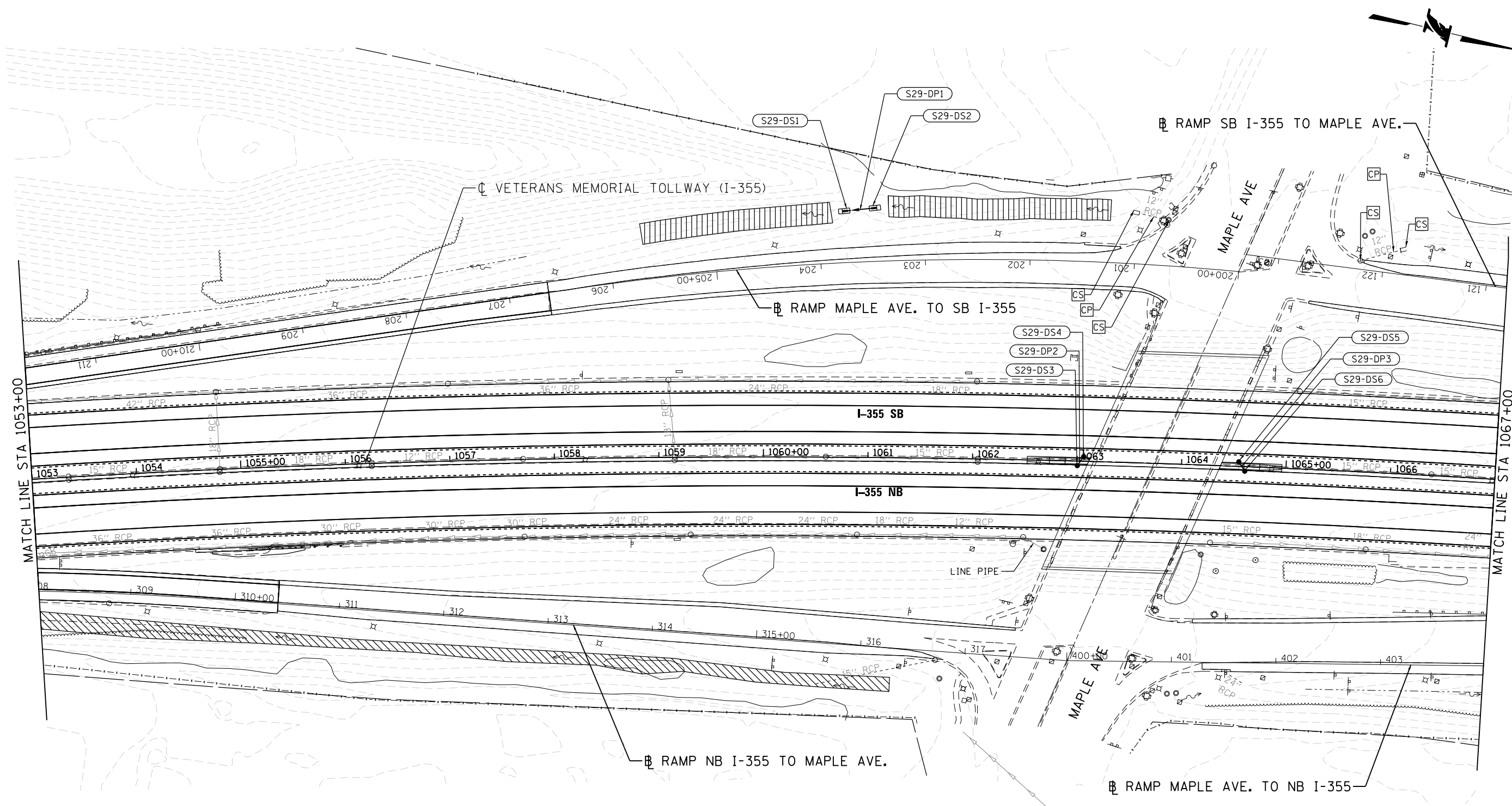
DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1039+00 - STA 1053+00
 SHT NO. DR28
 DRAWING NO. 560 OF 1517

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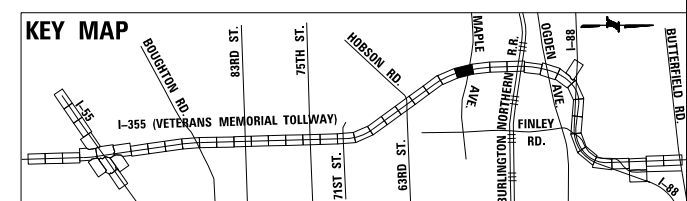
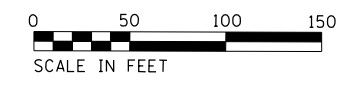
DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)	
EXISTING HEADWALL		PROPOSED HEADWALL	
EXISTING RIPRAP		PROPOSED CATCH BASIN	
EXISTING MANHOLE		PROPOSED MANHOLE	
EXISTING CATCH BASIN		OUTLET	
EXISTING CULVERT			

GRADING AND SHAPING DITCH (21400100)	
GRADING AND SHAPING FORESLOPES (Z00586680)	
DITCH CLEANING (JT900105)	
SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE	
REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)	
STORM SEWERS OR CULVERTS TO BE CLEANED	

	DRAINAGE STRUCTURES TO BE CLEANED
	WATERS OF THE U.S.
	WETLAND
	PERMANENT IMPACT
	TEMPORARY IMPACT
	FLOODPLAIN BOUNDARY
	FLOODWAY BOUNDARY

	CS
	S29-DP
	S29-DS
	FILL
	HG
	CP

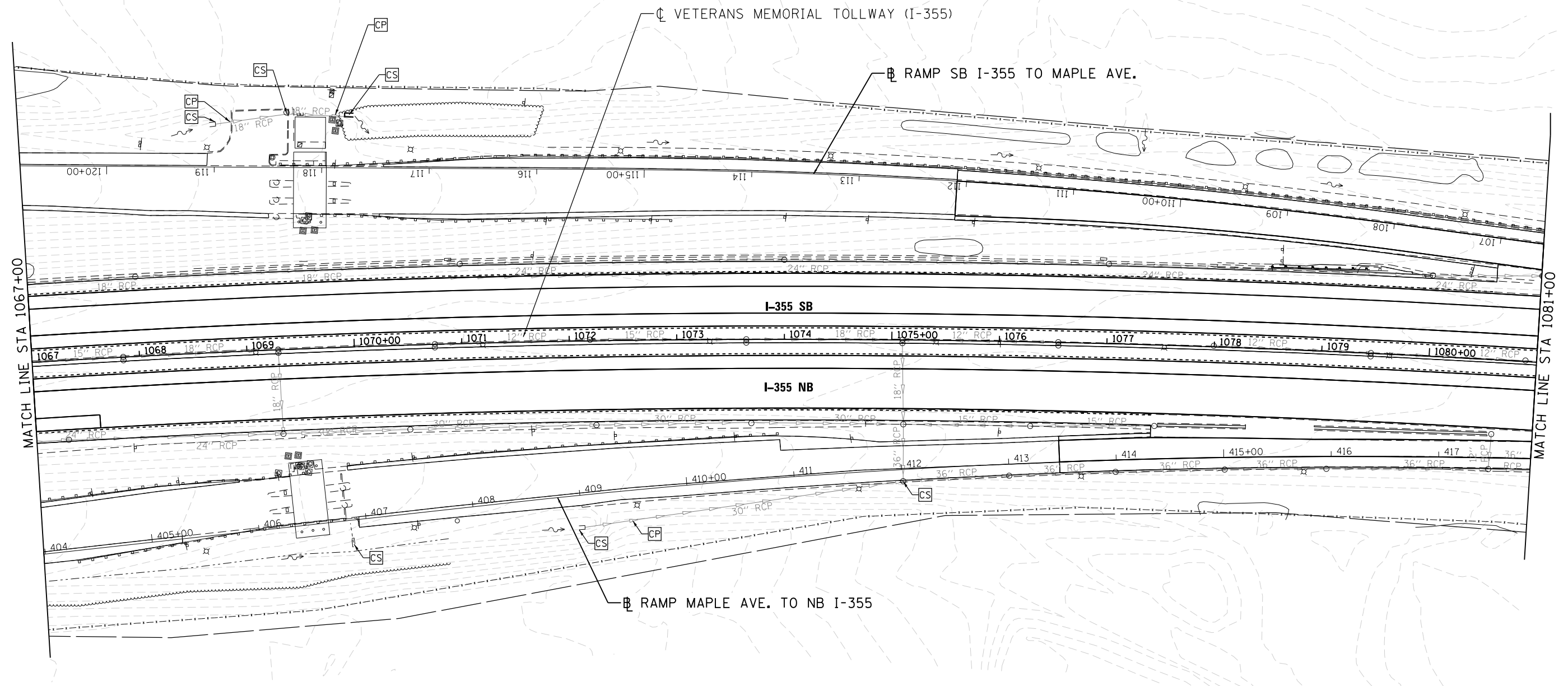


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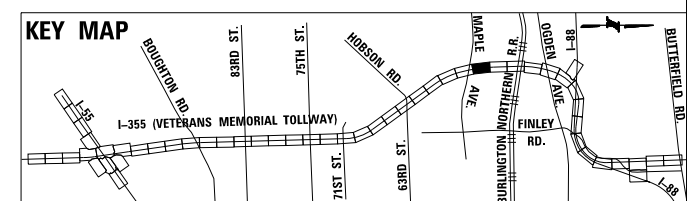
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NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1053+00 - STA 1067+00
 SHT NO. DR29
 DRAWING NO. 561 OF 1517



DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							

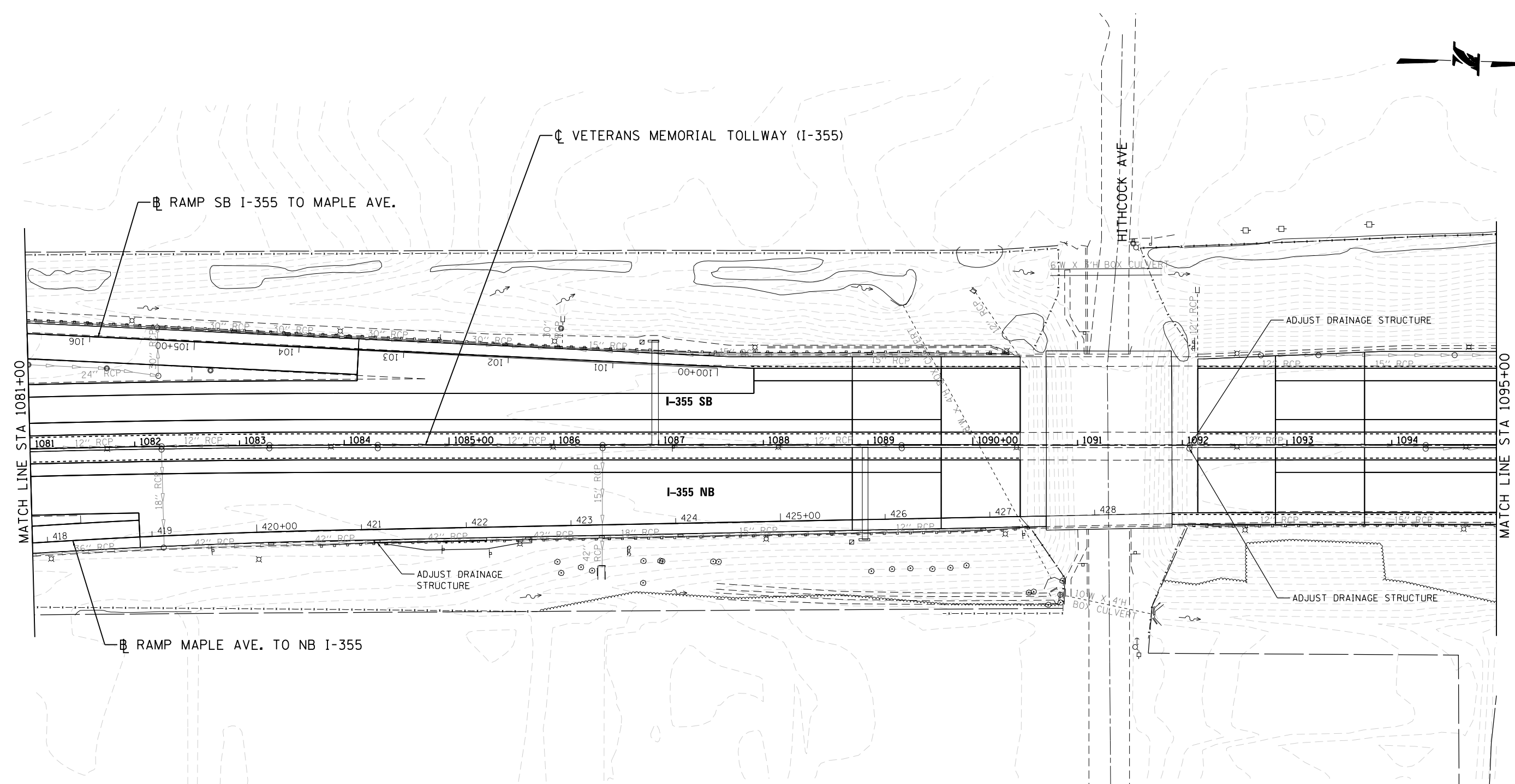
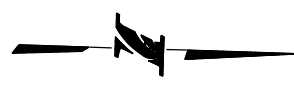


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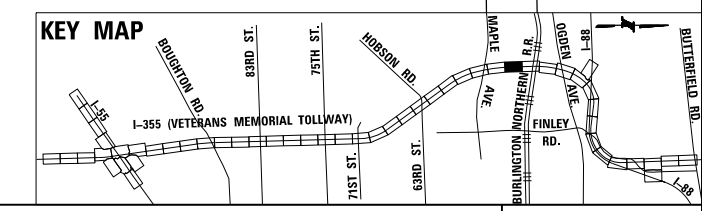
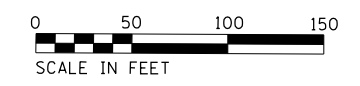
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NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1067+00 - STA 1081+00
 SHT NO. DR30
 DRAWING NO. 562 OF 1517



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DRAINAGE LEGEND:							
EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

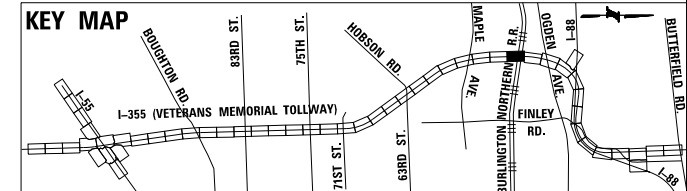
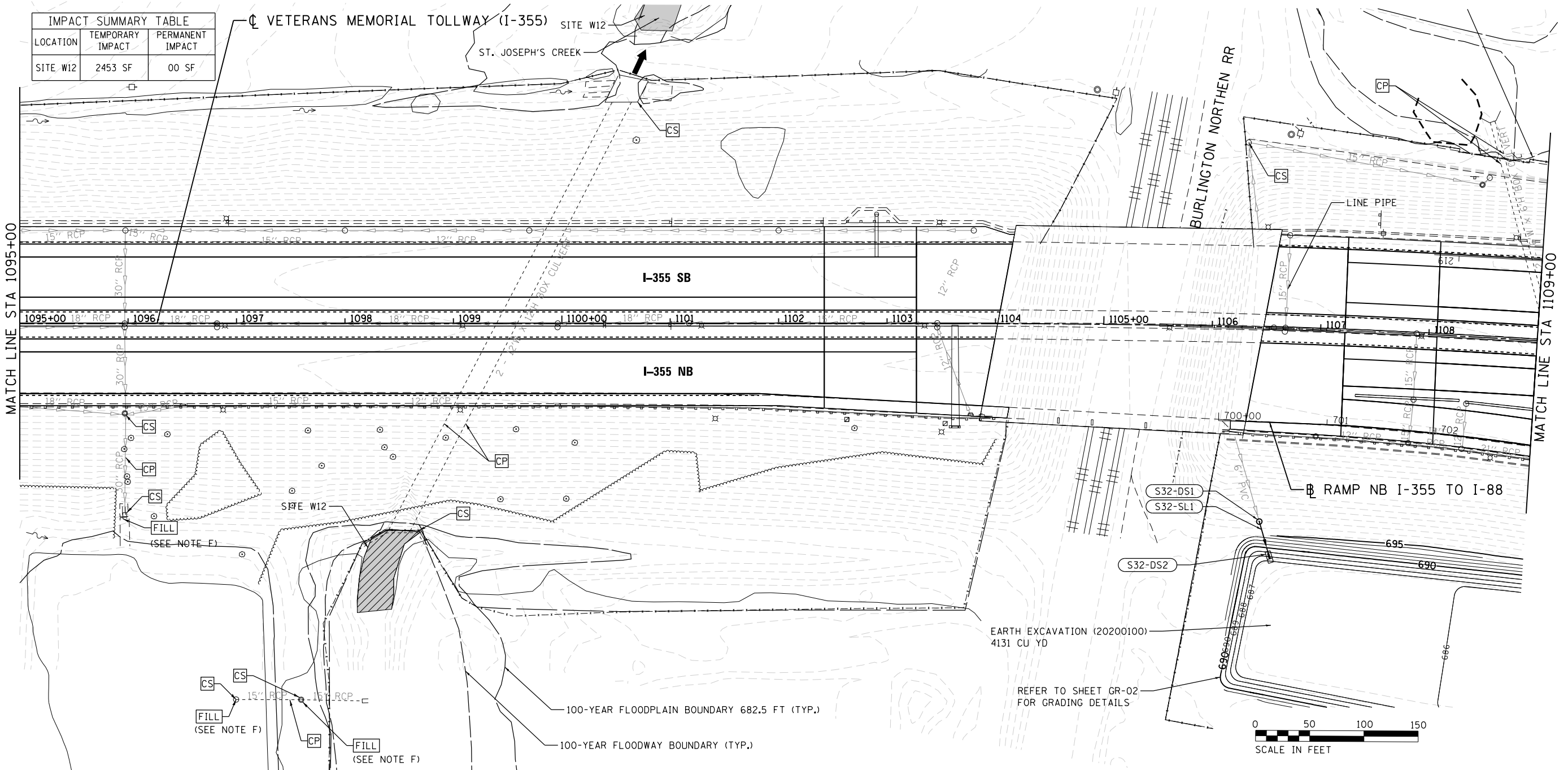


REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1081+00 - STA 1095+00
 SHT NO. DR31
 DRAWING NO. 563 OF 1517

DRAINAGE LEGEND:							
EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							

IMPACT SUMMARY TABLE		
LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
SITE W12	2453 SF	00 SF



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 Drawn by: KP
 Checked by: JM
 Date: 3/11/2018

DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018

2im GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

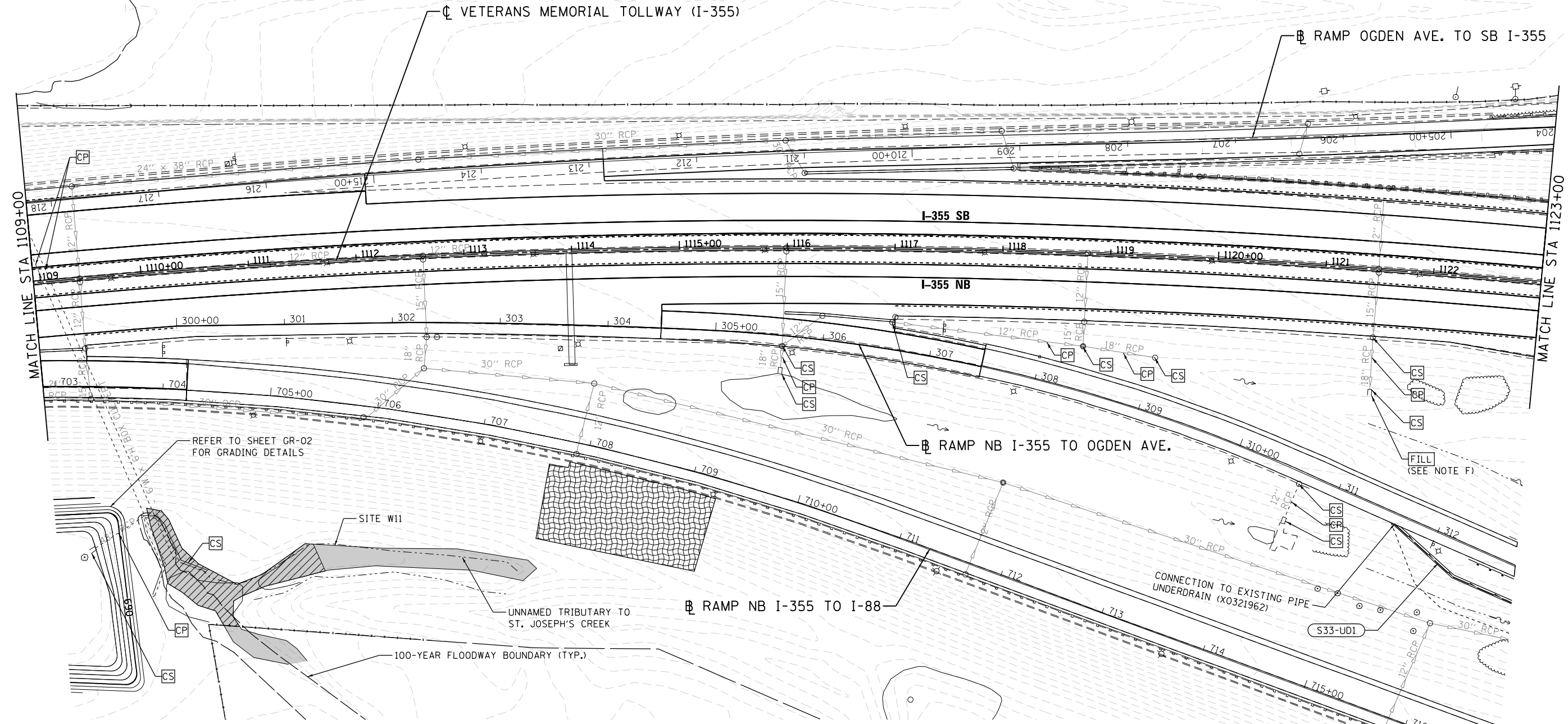
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 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

NO.	DATE	REVISIONS	
		DESCRIPTION	

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1095+00 - STA 1109+00
 SHT NO. DR32
 DRAWING NO.
 564 OF 1517



IMPACT SUMMARY TABLE		
LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
SITE W11	4755 SF	00 SF



REFER TO SHEET GR-02 FOR GRADING DETAILS

SITE W11

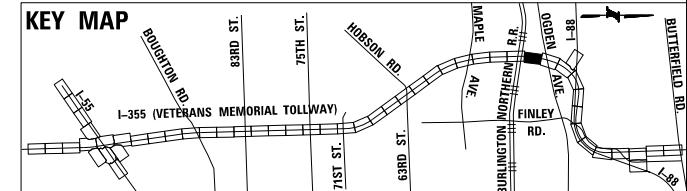
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100-YEAR FLOODWAY BOUNDARY (TYP.)

CONNECTION TO EXISTING PIPE UNDERDRAIN (X0321962)

DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



DRAWN BY KP DATE 3/11/2018
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2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661



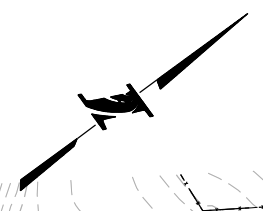
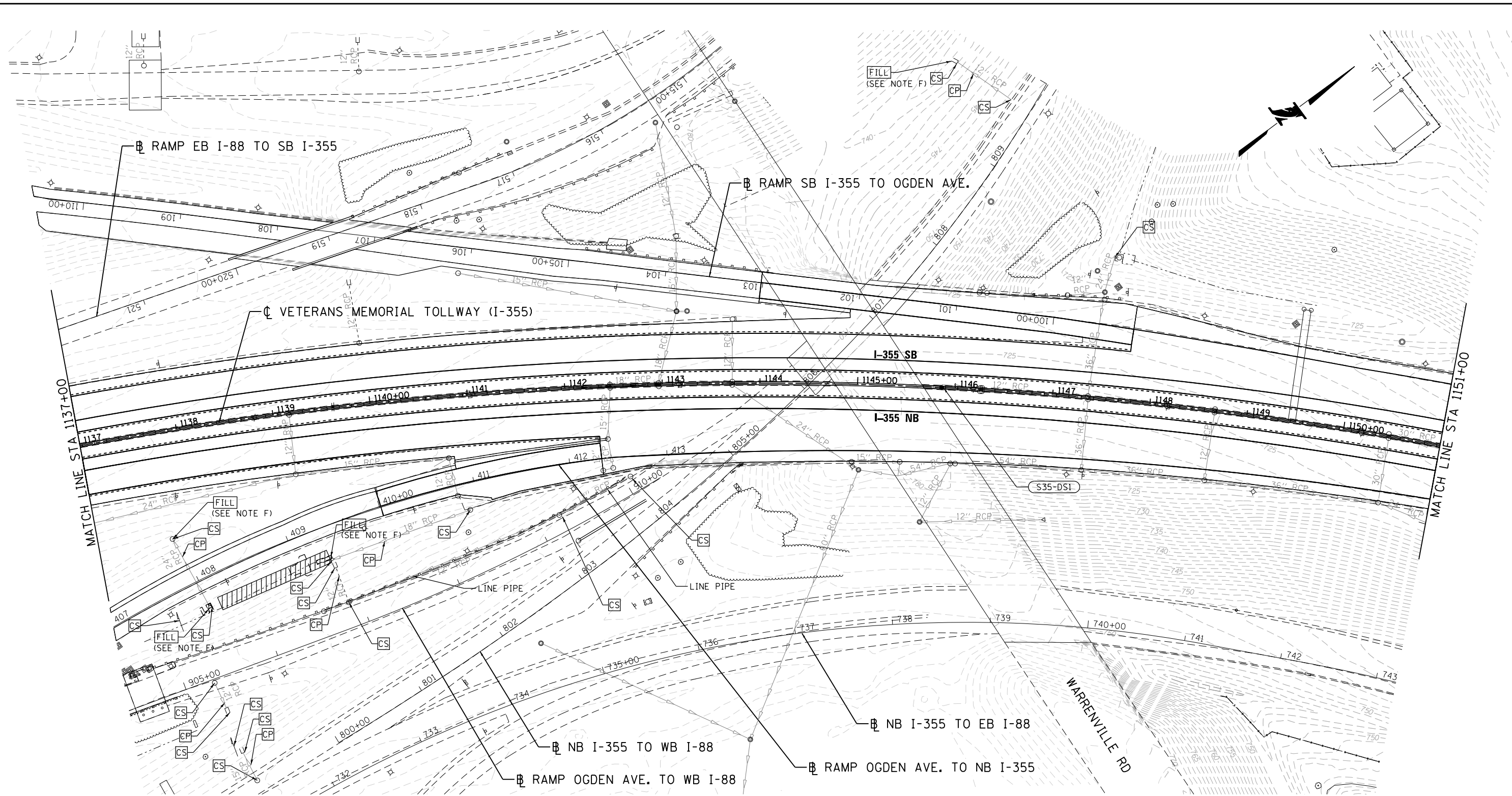
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 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1109+00 - STA 1123+00
 SHT NO. DR33
 DRAWING NO. 565 OF 1517

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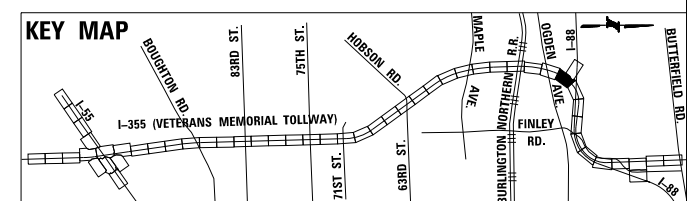
DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)	
EXISTING HEADWALL		PROPOSED HEADWALL	
EXISTING RIPRAP		PROPOSED CATCH BASIN	
EXISTING MANHOLE		PROPOSED MANHOLE	
EXISTING CATCH BASIN		OUTLET	
EXISTING CULVERT			

GRADING AND SHAPING DITCH (21400100)	
GRADING AND SHAPING FORESLOPES (Z00586680)	
DITCH CLEANING (JT900105)	
SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE	
REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)	
STORM SEWERS OR CULVERTS TO BE CLEANED	

DRAINAGE STRUCTURES TO BE CLEANED	
WATERS OF THE U.S.	
WETLAND	
FILL	
HG	
CP	

PERMANENT IMPACT	
TEMPORARY IMPACT	
FLOODPLAIN BOUNDARY	
FLOODWAY BOUNDARY	



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



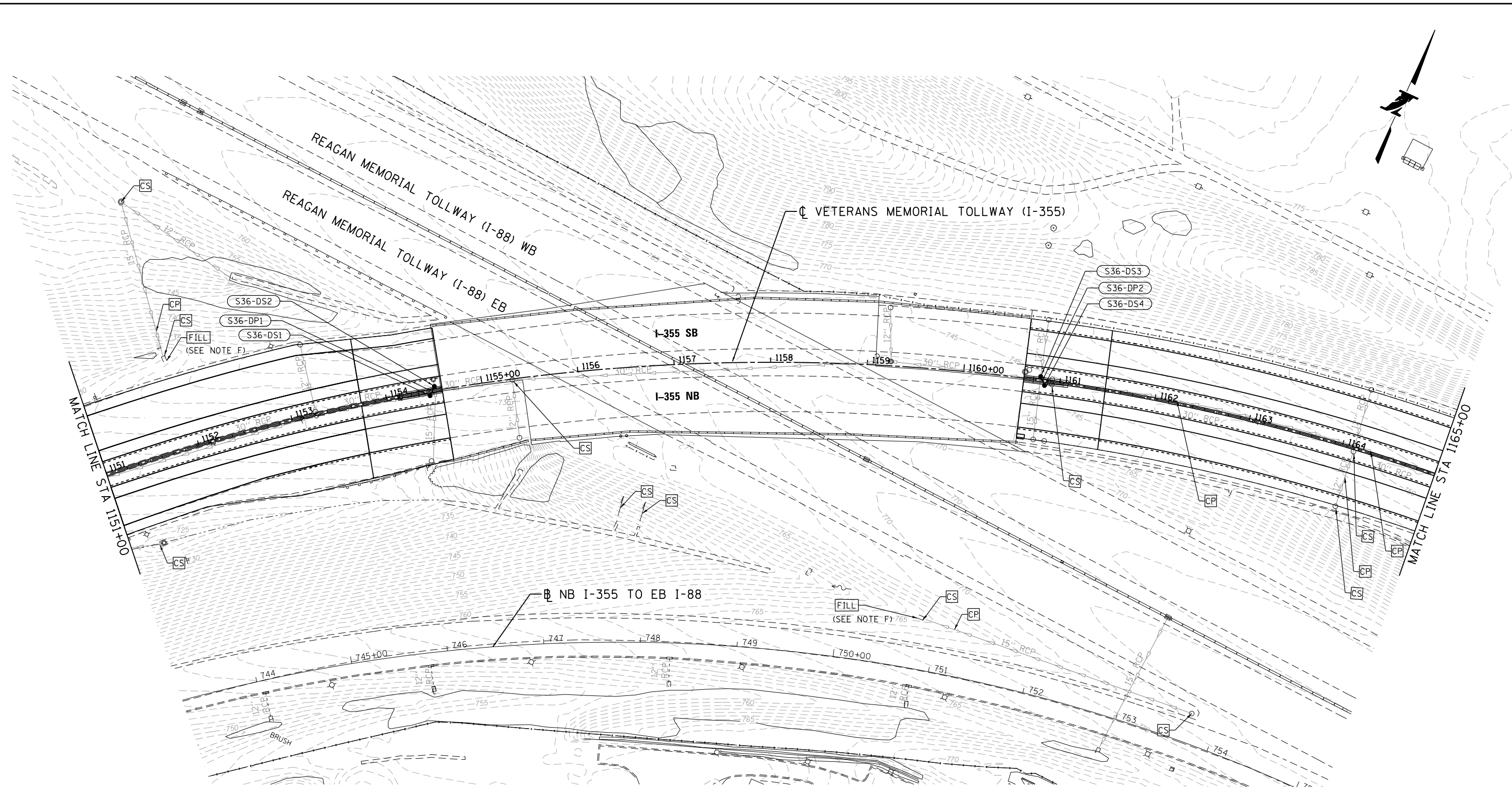
2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1137+00 - STA 1151+00
 SHT NO. DR35
 DRAWING NO. 567 OF 1517

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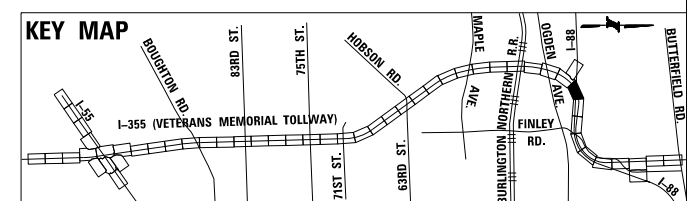
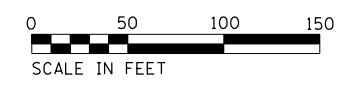
DRAINAGE LEGEND:

EXISTING STORM SEWER		PROPOSED STORM SEWER	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)	
EXISTING HEADWALL		PROPOSED HEADWALL	
EXISTING RIPRAP		PROPOSED CATCH BASIN	
EXISTING MANHOLE		PROPOSED MANHOLE	
EXISTING CATCH BASIN		OUTLET	
EXISTING CULVERT			

GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
DITCH CLEANING (JT900105)		WETLAND	
SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
		FLOODWAY BOUNDARY	

	CS
	CP
	FILL
	HG
	CP

	CS
	WATERS OF THE U.S.
	WETLAND
	PERMANENT IMPACT
	TEMPORARY IMPACT
	FLOODPLAIN BOUNDARY
	FLOODWAY BOUNDARY



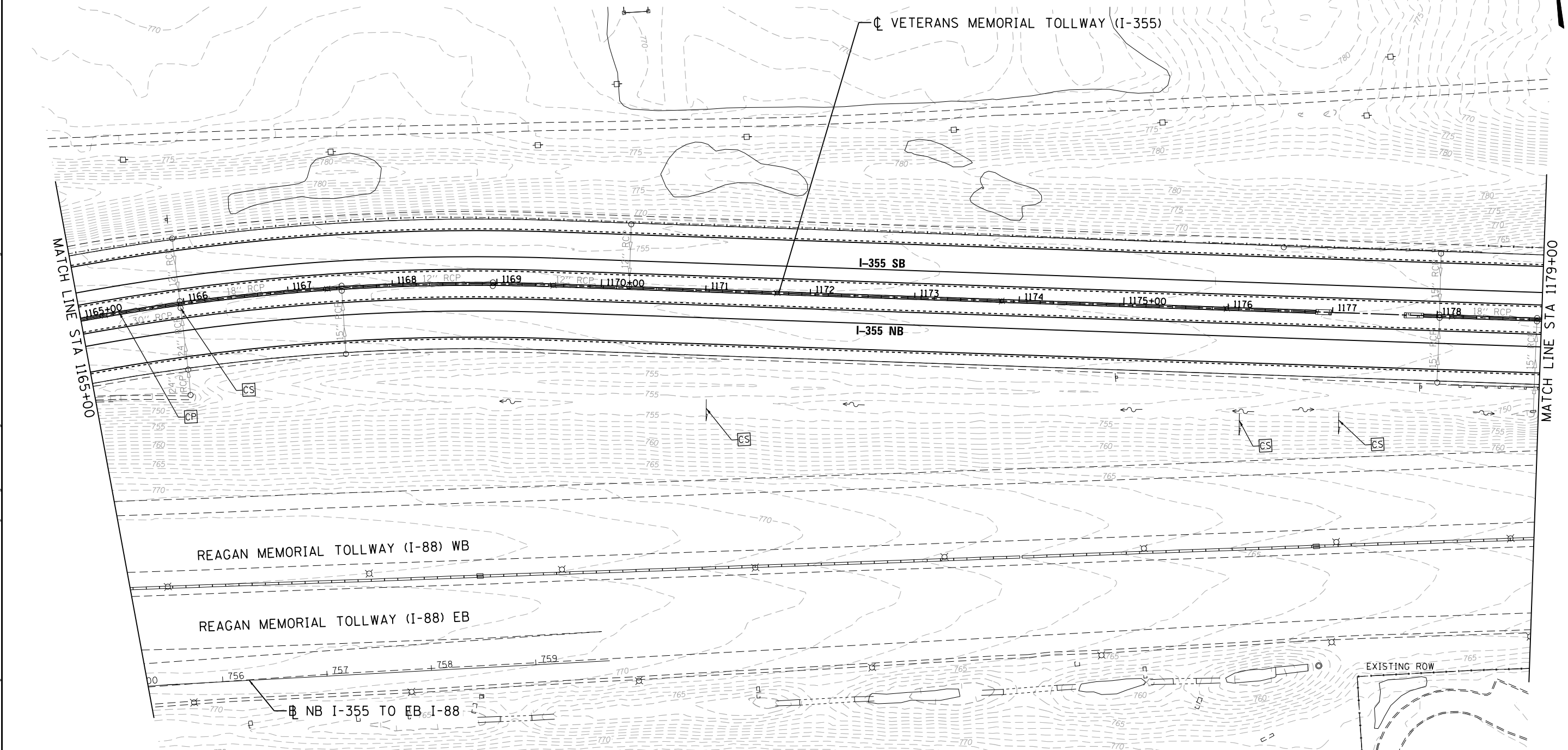
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REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1151+00 - STA 1165+00
 SHT NO. DR36
 DRAWING NO. 568 OF 1517

EXISTING STORM SEWER	PROPOSED STORM SEWER	GRADING AND SHAPING DITCH (21400100)	DRAINAGE STRUCTURES TO BE CLEANED
EXISTING DITCH FLOW LINE	PROPOSED UNDERDRAIN	GRADING AND SHAPING FORESLOPES (Z00586680)	WATERS OF THE U.S.
EXISTING UNDERDRAIN	TRENCH DRAIN (JT601900)	DITCH CLEANING (JT900105)	WETLAND
EXISTING HEADWALL	PROPOSED HEADWALL	SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE	PERMANENT IMPACT
EXISTING RIPRAP	PROPOSED CATCH BASIN	REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)	TEMPORARY IMPACT
EXISTING MANHOLE	PROPOSED MANHOLE	STORM SEWERS OR CULVERTS TO BE CLEANED	FLOODPLAIN BOUNDARY
EXISTING CATCH BASIN	OUTLET		FLOODWAY BOUNDARY



DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



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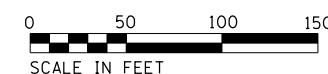
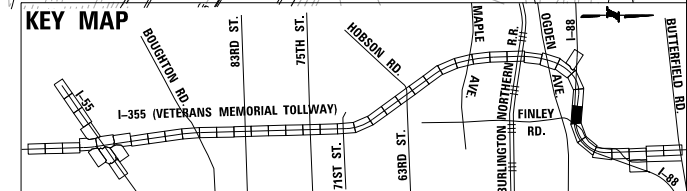
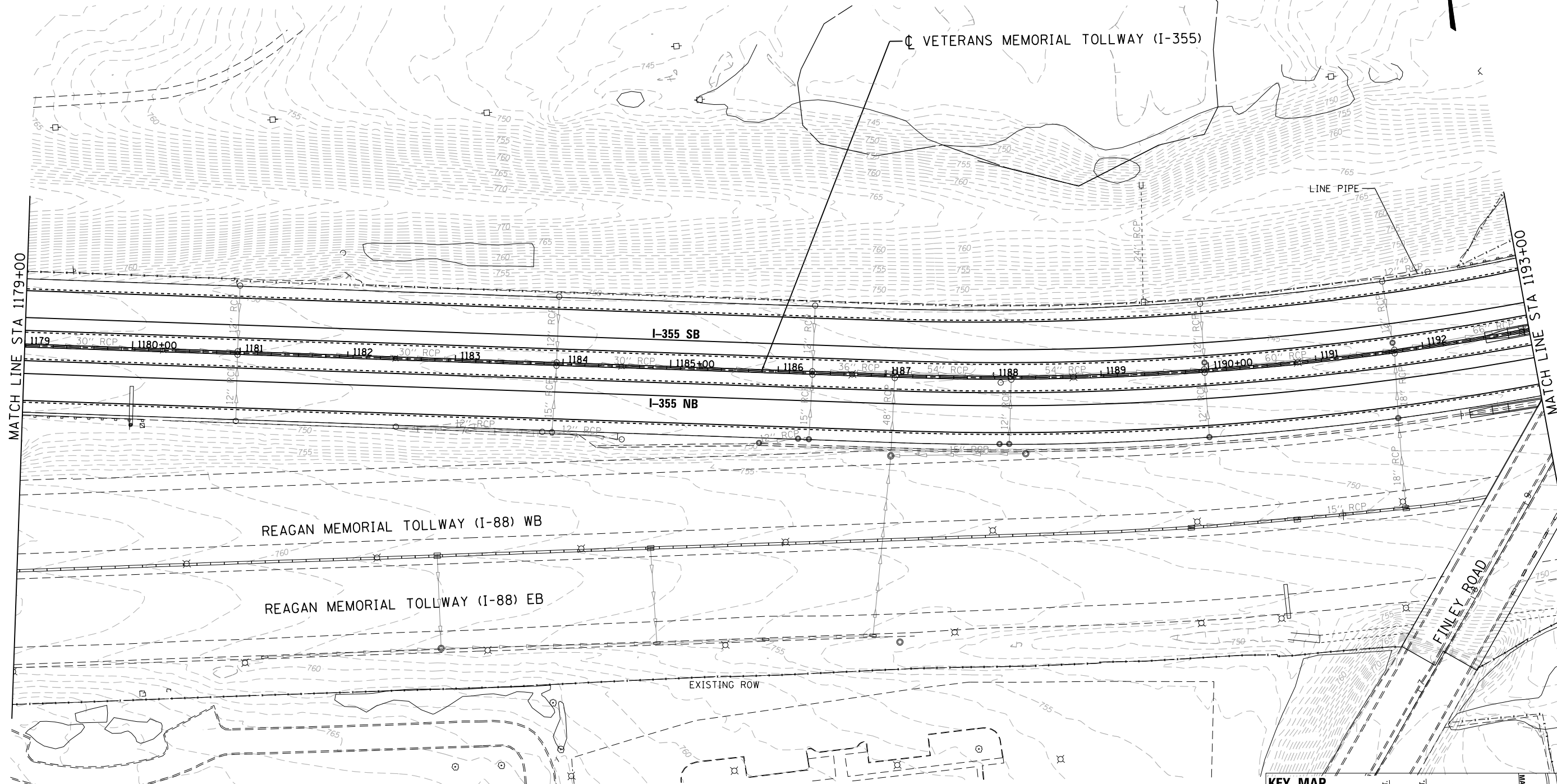
KEY MAP

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1165+00 - STA 1179+00

SHT NO. DR37
 DRAWING NO.
 569 OF 1517

DRAINAGE LEGEND:

EXISTING STORM SEWER	PROPOSED STORM SEWER	GRADING AND SHAPING DITCH (21400100)	DRAINAGE STRUCTURES TO BE CLEANED
EXISTING DITCH FLOW LINE	PROPOSED UNDERDRAIN	GRADING AND SHAPING FORESLOPES (Z00586680)	WATERS OF THE U.S.
EXISTING UNDERDRAIN	TRENCH DRAIN (JT601900)	DITCH CLEANING (JT900105)	WETLAND
EXISTING HEADWALL	PROPOSED HEADWALL	SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE	PERMANENT IMPACT
EXISTING RIPRAP	PROPOSED CATCH BASIN	REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)	TEMPORARY IMPACT
EXISTING MANHOLE	PROPOSED MANHOLE	STORM SEWERS OR CULVERTS TO BE CLEANED	FLOODPLAIN BOUNDARY
EXISTING CATCH BASIN	OUTLET		FLOODWAY BOUNDARY



DRAWN BY KP DATE 3/11/2018
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2im GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

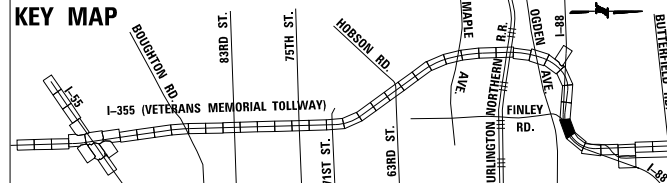
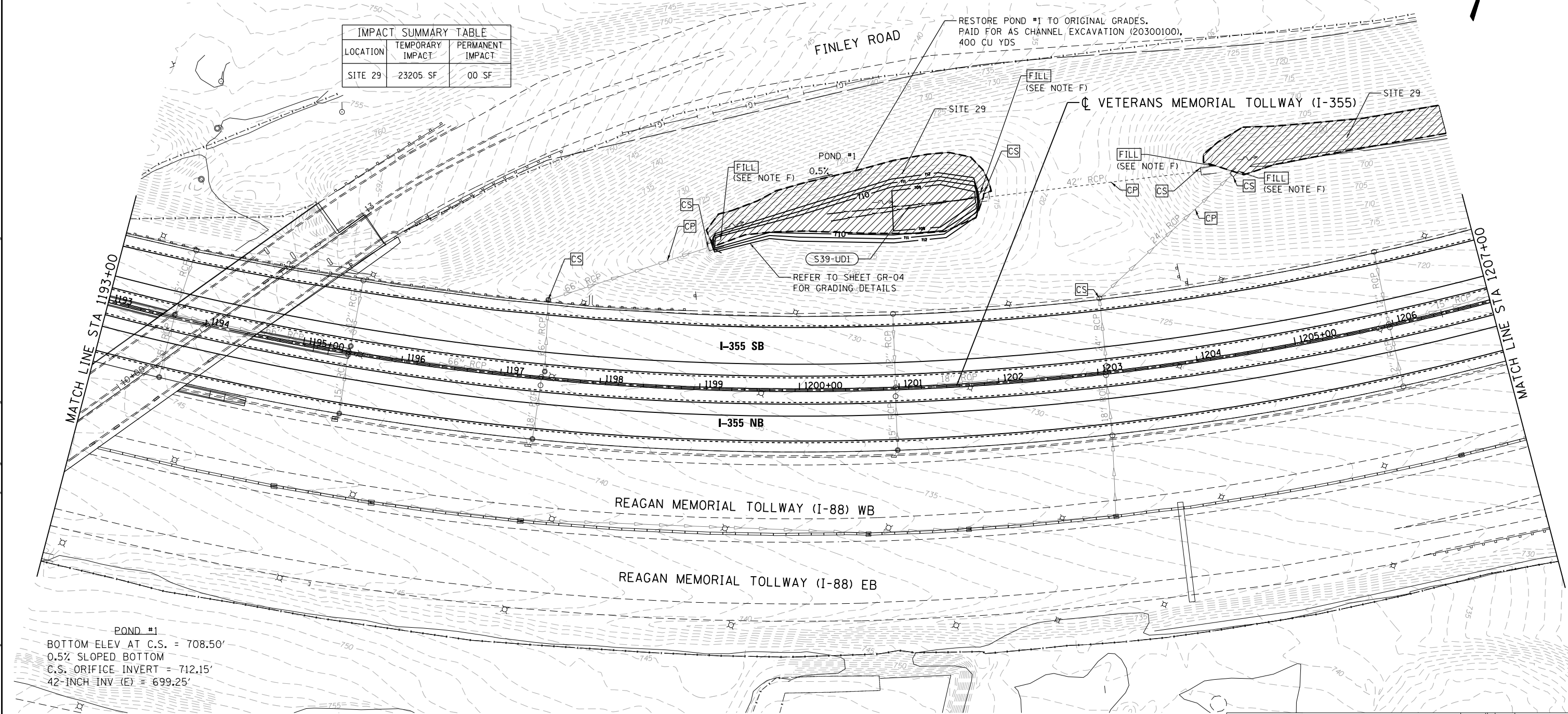
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 PROPOSED DRAINAGE PLAN
 STA 1179+00 - STA 1193+00
 SHT NO. DR38
 DRAWING NO. 570 OF 1517

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DRAINAGE LEGEND:

EXISTING STORM SEWER	PROPOSED STORM SEWER	GRADING AND SHAPING DITCH (21400100)	DRAINAGE STRUCTURES TO BE CLEANED
EXISTING DITCH FLOW LINE	PROPOSED UNDERDRAIN	GRADING AND SHAPING FORESLOPES (Z00586680)	WATERS OF THE U.S.
EXISTING UNDERDRAIN	TRENCH DRAIN (JT601900)	DITCH CLEANING (JT900105)	WETLAND
EXISTING HEADWALL	PROPOSED HEADWALL	SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE	PERMANENT IMPACT
EXISTING RIPRAP	PROPOSED CATCH BASIN	REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)	TEMPORARY IMPACT
EXISTING MANHOLE	PROPOSED MANHOLE	STORM SEWERS OR CULVERTS TO BE CLEANED	FLOODPLAIN BOUNDARY
EXISTING CATCH BASIN	OUTLET		FLOODWAY BOUNDARY

LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
SITE 29	23205 SF	00 SF



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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1193+00 - STA 1207+00

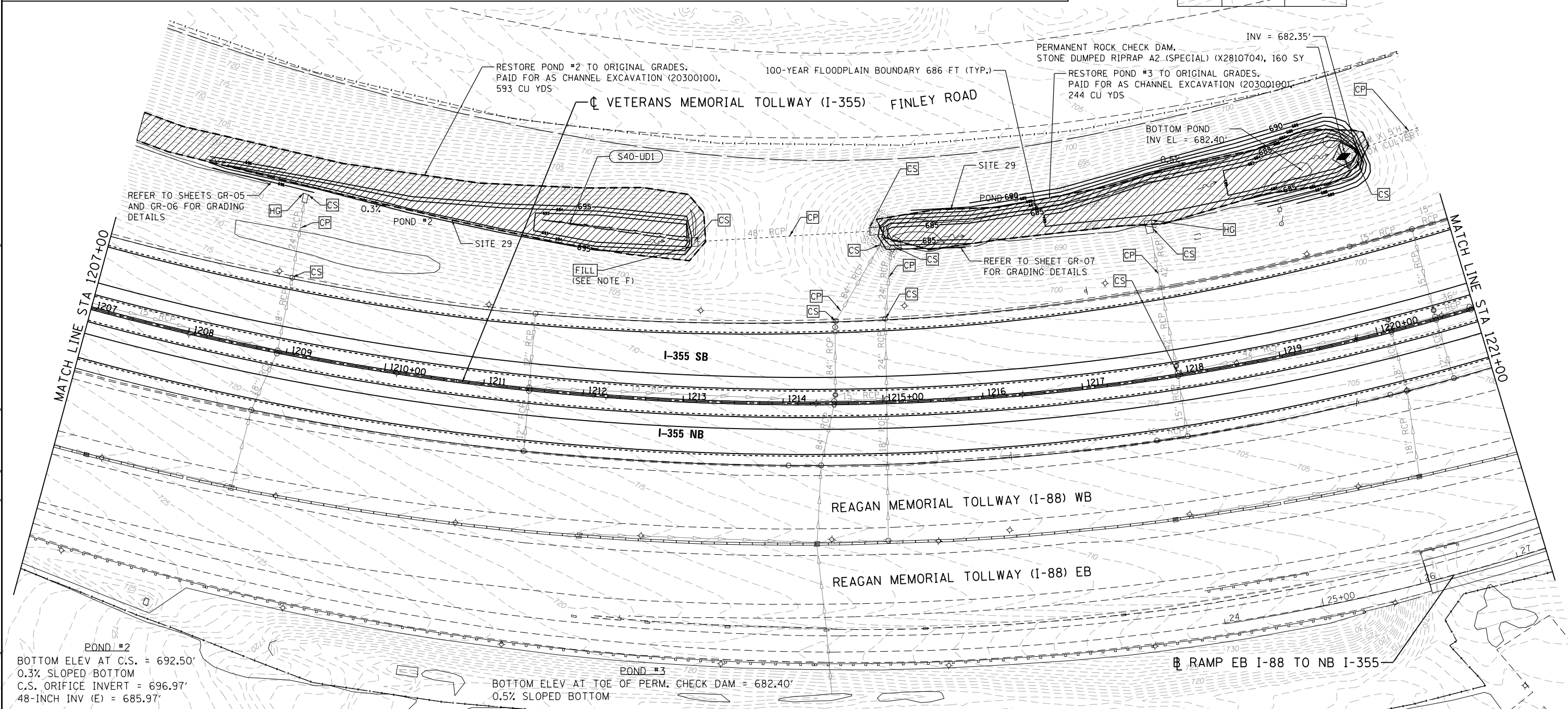
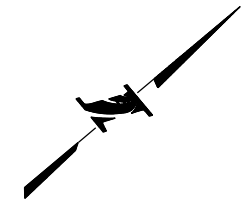
SHT NO. DR39
 DRAWING NO.
 571 OF 1517

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DRAINAGE LEGEND:

EXISTING STORM SEWER	PROPOSED STORM SEWER	GRADING AND SHAPING DITCH (21400100)	DRAINAGE STRUCTURES TO BE CLEANED
EXISTING DITCH FLOW LINE	PROPOSED UNDERDRAIN	GRADING AND SHAPING FORESLOPES (Z00586680)	WATERS OF THE U.S.
EXISTING UNDERDRAIN	TRENCH DRAIN (JT601900)	DITCH CLEANING (JT900105)	WETLAND
EXISTING HEADWALL	PROPOSED HEADWALL	SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE	PERMANENT IMPACT
EXISTING RIPRAP	PROPOSED CATCH BASIN	REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)	TEMPORARY IMPACT
EXISTING MANHOLE	PROPOSED MANHOLE	STORM SEWERS OR CULVERTS TO BE CLEANED	FLOODPLAIN BOUNDARY
EXISTING CATCH BASIN	OUTLET		FLOODWAY BOUNDARY

LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
SITE 29	44333 SF	367 SF



REFER TO SHEETS GR-05 AND GR-06 FOR GRADING DETAILS

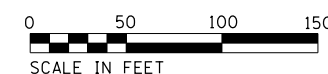
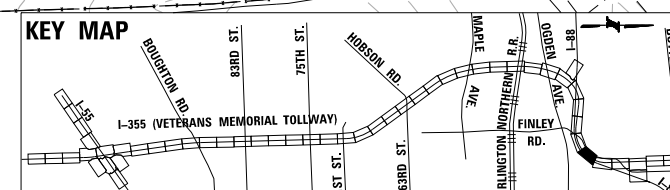
RESTORE POND #2 TO ORIGINAL GRADES. PAID FOR AS CHANNEL EXCAVATION (20300100), 593 CU YDS

PERMANENT ROCK CHECK DAM. STONE DUMPED RIPRAP A2 (SPECIAL) (X2810704), 160 SY

RESTORE POND #3 TO ORIGINAL GRADES. PAID FOR AS CHANNEL EXCAVATION (20300100), 244 CU YDS

POND #2
BOTTOM ELEV AT C.S. = 692.50'
0.3% SLOPED BOTTOM
C.S. ORIFICE INVERT = 696.97'
48-INCH INV (E) = 685.97'

POND #3
BOTTOM ELEV AT TOE OF PERM. CHECK DAM = 682.40'
0.5% SLOPED BOTTOM



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REVISIONS	
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CONTRACT NO. RR-16-4255
PROPOSED DRAINAGE PLAN
STA 1207+00 - STA 1221+00
SHT NO. DR40
DRAWING NO. 572 OF 1517

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IMPACT SUMMARY TABLE		
LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
SITE 29	29199 SF	00 SF
SITE W9	21659 SF	00 SF

STORM SEWERS TO BE CLEANED, BOX CULVERT, 6 FT. WIDTH, 90 FT (JT553B72)

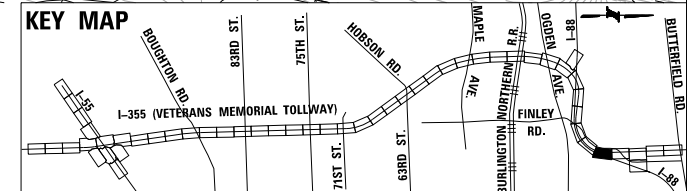
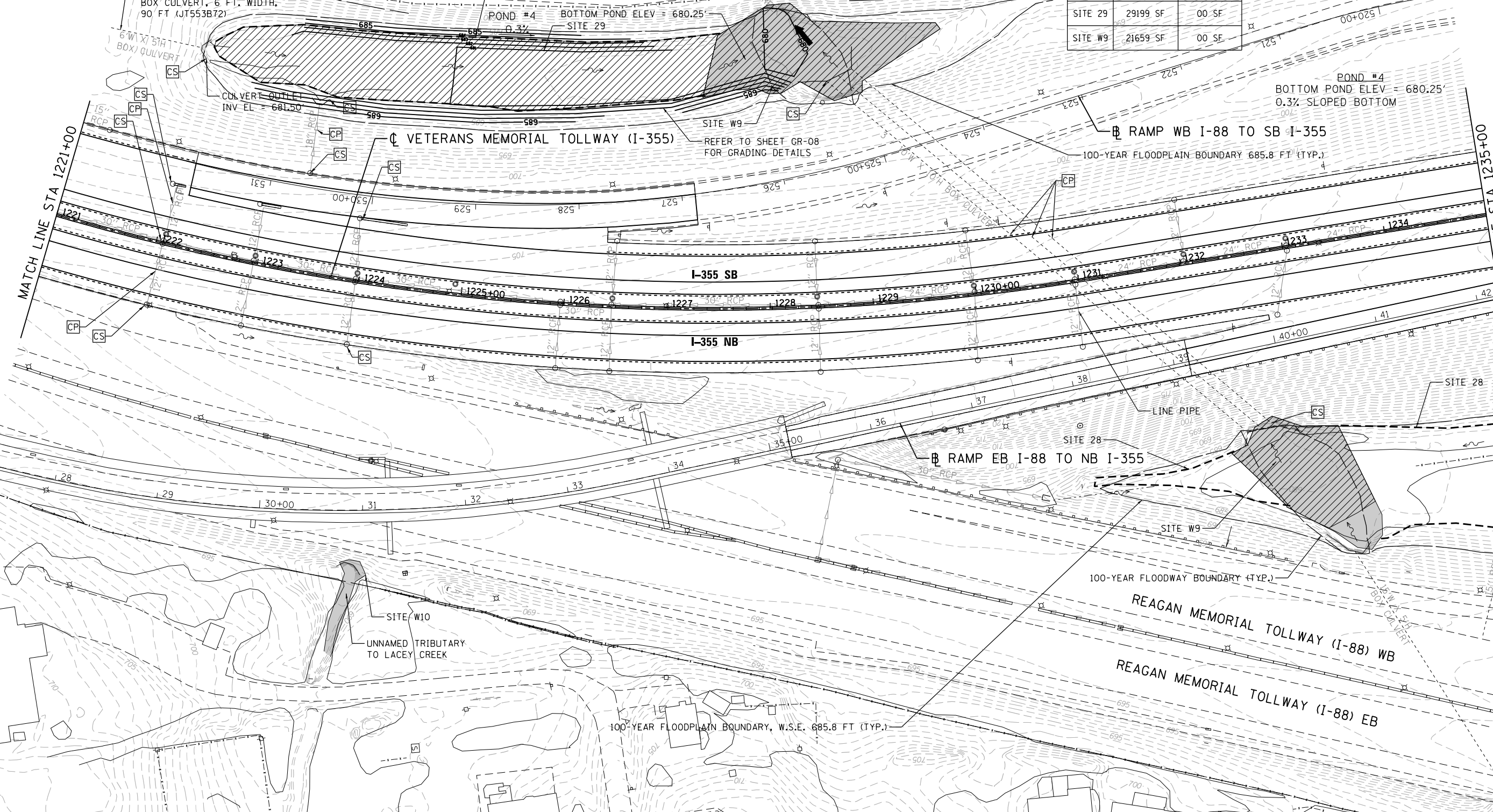
RESTORE POND #4 TO ORIGINAL GRADES, PAID FOR AS CHANNEL EXCAVATION (20300100), 833 CU YDS

POND #4 BOTTOM POND ELEV = 680.25' 0.3% SLOPED BOTTOM SITE 29

POND #4 BOTTOM POND ELEV = 680.25' 0.3% SLOPED BOTTOM

MATCH LINE STA 1221+00

MATCH LINE STA 1235+00



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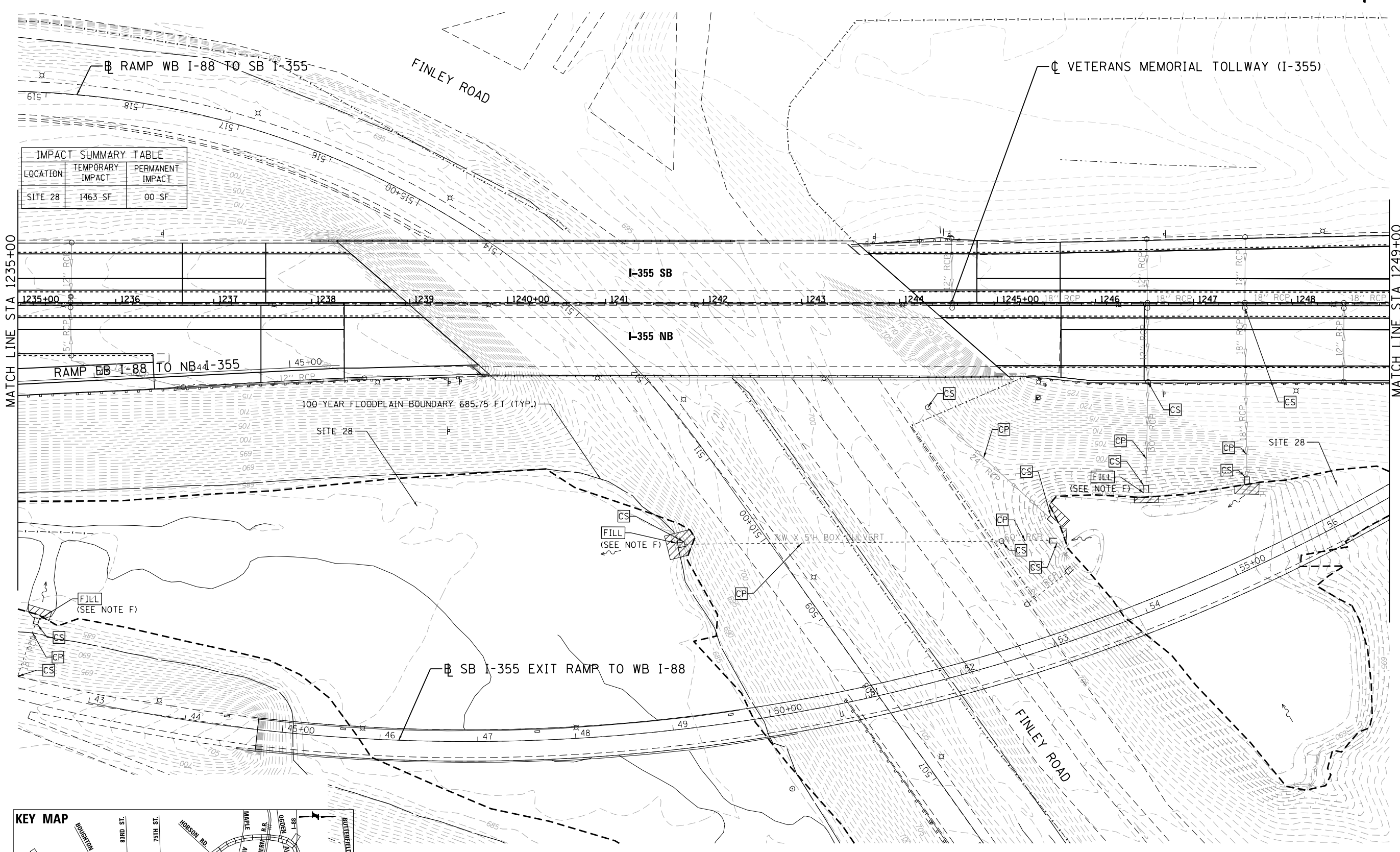
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1221+00 - STA 1235+00

SHT NO. DR41
 DRAWING NO.
 573 OF 1517

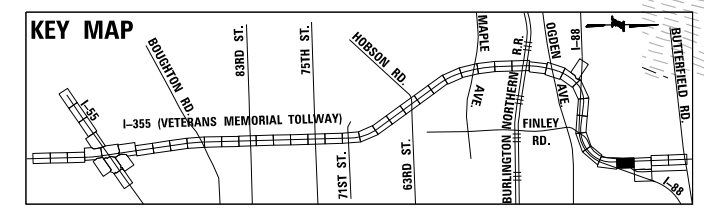
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IMPACT SUMMARY TABLE		
LOCATION	TEMPORARY IMPACT	PERMANENT IMPACT
SITE 28	1463 SF	00 SF

MATCH LINE STA 1235+00

MATCH LINE STA 1249+00



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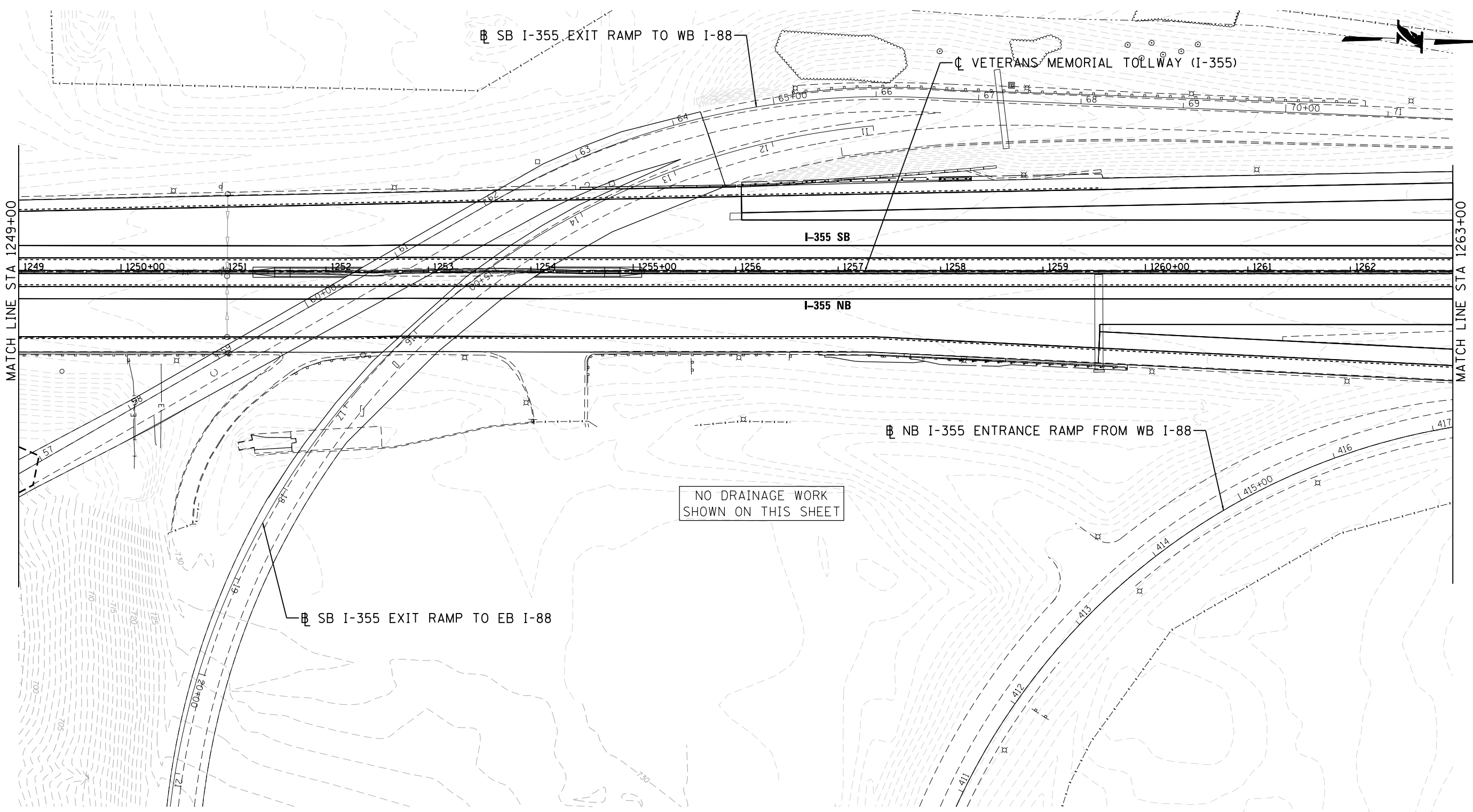
REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1235+00 - STA 1249+00

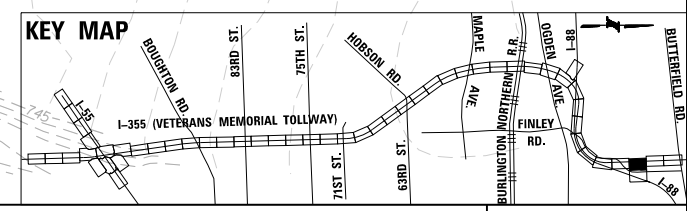
SHT NO. DR42
 DRAWING NO.
 574 OF 1517

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DRAINAGE LEGEND:							
EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



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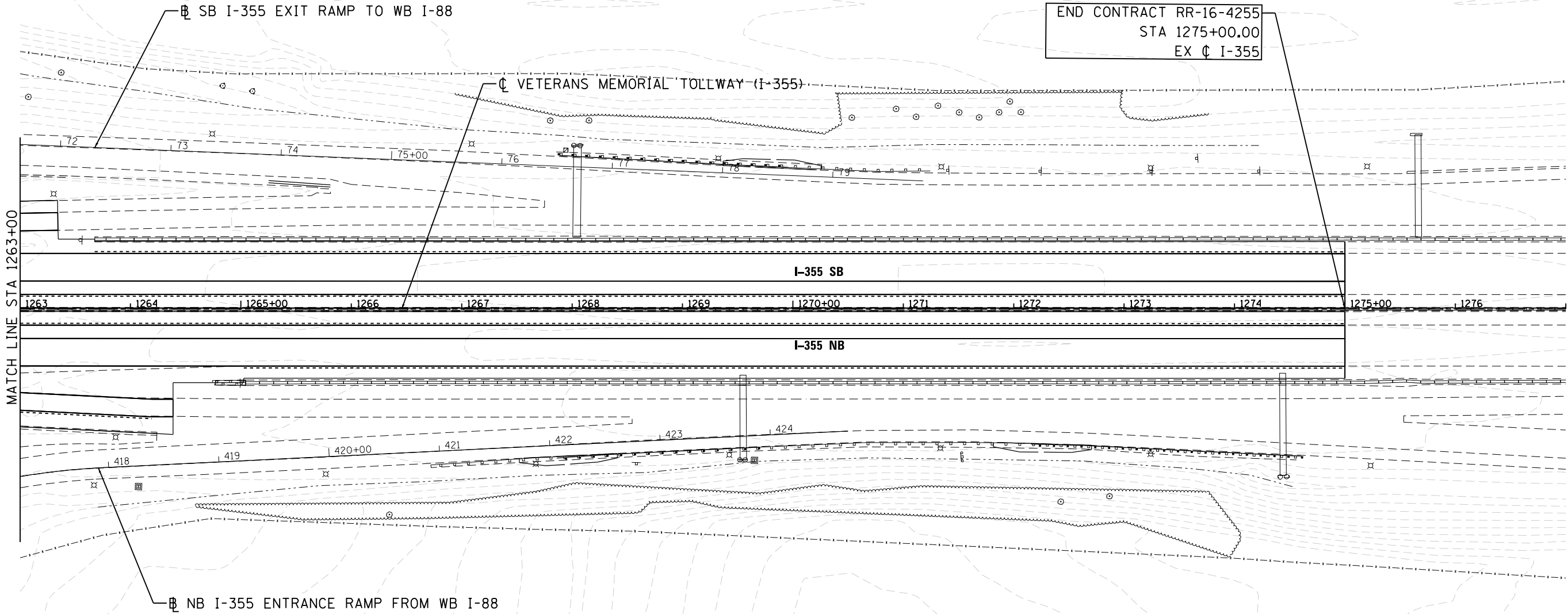
REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1249+00 - STA 1263+00

SHT NO. DR43
 DRAWING NO. 575 OF 1517

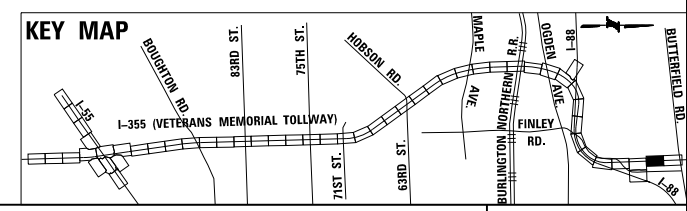


END CONTRACT RR-16-4255
 STA 1275+00.00
 EX C I-355



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DRAINAGE LEGEND:		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING STORM SEWER		PROPOSED STORM SEWER		GRADING AND SHAPING DITCH (21400100)		DRAINAGE STRUCTURES TO BE CLEANED	
EXISTING DITCH FLOW LINE		PROPOSED UNDERDRAIN		GRADING AND SHAPING FORESLOPES (Z00586680)		WATERS OF THE U.S.	
EXISTING UNDERDRAIN		TRENCH DRAIN (JT601900)		DITCH CLEANING (JT900105)		WETLAND	
EXISTING HEADWALL		PROPOSED HEADWALL		SETTLEMENT AROUND DRAINAGE STRUCTURE-FILL AND REGRADE		PERMANENT IMPACT	
EXISTING RIPRAP		PROPOSED CATCH BASIN		REPLACE DAMAGED/MISSING HEADWALL GRATES (JS120610)		TEMPORARY IMPACT	
EXISTING MANHOLE		PROPOSED MANHOLE		STORM SEWERS OR CULVERTS TO BE CLEANED		FLOODPLAIN BOUNDARY	
EXISTING CATCH BASIN		OUTLET				FLOODWAY BOUNDARY	
EXISTING CULVERT							



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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		DESCRIPTION
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CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE PLAN
 STA 1263+00 - STA 1277+00

SHT NO. DR44
 DRAWING NO.
 576 OF 1517

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	SHEET NUMBER	ALIGNMENT	STATION	OFFSET	STRUCTURE TYPE	FRAME AND GRATE	RIM (FT)	INVERT (FT)				PAY ITEM NUMBER	
								N	S	E	W		
S2-DS1	DR02	I-355	744+26	193' LT	SLOPED HEADWALL TYPE III, 6" 1:4				748.50				J1680130
S2-DS2	DR02	I-355	742+18	213' RT	SLOPED HEADWALL TYPE III, 18", 1:4				742.50				J1680133
S2-DS3	DR02	I-355	743+98	226' RT	SLOPED HEADWALL TYPE IV, 18", 1:4							741.65	J1680163
S3-DS1	DR03	SB I-355 TO SB I-55	620+89	87' LT	SLOPED HEADWALL TYPE III, 27", 1:4							MATCH EX.	J1680136
S3-DS2	DR03	SB I-355 TO SB I-55	620+97	30' RT	SLOPED HEADWALL TYPE III, 27", 1:6							MATCH EX.	J1680146
S3-DS3	DR03	SB I-355 TO SB I-55	619+81	23' RT	SLOPED HEADWALL TYPE III, 12", 1:3							MATCH EX.	J1680121
S3-DS4	DR03	SB I-355 TO NB I-55	130+44	78' LT	SLOPED HEADWALL TYPE III, 6", 1:4							669.50	J1680130
S3-DS5	DR03	SB I-355 TO NB I-55	130+39	75' LT	SLOPED HEADWALL TYPE III, 6", 1:4							669.50	J1680130
S8-DS1	DR08	SB I-355 TO SB I-55	606+69	132' RT	SLOPED HEADWALL TYPE III, 12", 1:3							MATCH EX.	J1680121
S8-DS2	DR08	SB I-355 TO SB I-55	602+95	140' RT	SLOPED HEADWALL TYPE III, 12", 1:3							MATCH EX.	J1680121
S12-DS1	DR12	BOUGHTON TO SB I-355	208+89	44' RT	SLOPED HEADWALL TYPE III, 18", 1:6				MATCH EX.				J1680143
S12-DS2	DR12	I-355	819+71	109' RT	HEADWALL TYPE III, PIPE ARCH 30", 1:4							MATCH EX.	J1680045
S12-DS3	DR12	I-355	820+42	76' LT	CATCH BASINS, TYPE G-3, TYPE G-3 FRAME AND GRATE	TYPE G-3	² 731.78	728.64					J1602120
S12-DS4	DR12	I-355	821+42	76' LT	CATCH BASINS, TYPE G-3, TYPE G-3 FRAME AND GRATE	TYPE G-3	² 731.78		728.64				J1602120
S12-DS5	DR12	I-355	823+26	108' RT	HEADWALL TYPE IV, PIPE ARCH 36", 1:4							MATCH EX.	J1680046
S12-DS6	DR12	I-355	823+36	109' RT	HEADWALL TYPE IV, PIPE ARCH 30", 1:4							MATCH EX.	J1680045
S12-DS7	DR12	I-355	823+49	109' RT	HEADWALL TYPE IV, PIPE ARCH 48", 1:4							MATCH EX.	J1680048
S14-DS1	DR14	I-355	855+91	253' LT	SLOPED HEADWALL TYPE III, 24", 1:6				MATCH EX.				J1680145
S15-DS1	DR15	I-355	862+00	161' LT	HEADWALL TYPE III, 36", 1:4							MATCH EX.	J1680020
S17-DS1	DR17	I-355	888+87	147' RT	SLOPED HEADWALL TYPE III, 12", 1:6			744.00					J1680141
S17-DS2	DR17	I-355	889+18	147' RT	CATCH BASIN, TYPE B	NEENAH FOUNDRY TYPE R-3455C OR EAST JORDAN IRON WORKS TYPE V5360-1	748.37	² 743.99	743.99				J1602010
S19-DS1	DR19	I-355	925+89	0' RT	DRAINAGE STRUCTURES, TYPE 6 WITH TWO TYPE 21A FRAME AND GRATE	TYPE 21A	¹ 742.82	² 737.52	² 737.52				J1602750
S20-DS1	DR20	SB I-355 TO 75TH	109+35	87' RT	HEADWALL TYPE III, 48", 1:4							MATCH EX.	J1680022
S21-DS1	DR21	75TH TO NB I-355	423+62	8' RT	DRAINAGE STRUCTURES, TYPE 4 WITH ONE TYPE 20A FRAME AND GRATE	TYPE 20A	¹ 746.93	752.71 (E) ² 746.93 (W)	² 746.93				J1602700
S21-DS2	DR21	75TH TO NB I-355	423+71	15' RT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	TYPE 1	¹ 756.74		752.74				60203805
S24-DS1	DR24	63RD TO SB I-355	211+00	89' RT	SLOPED HEADWALL TYPE III, 12", 1:6				MATCH EX.				J1680141
S25-DS1	DR25	I-355	998+96	96' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-3 FRAME AND GRATE	TYPE G-3	¹ 704.99	696.31					J1602183
S25-DS2	DR25	I-355	1000+81	96' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-3 FRAME AND GRATE	TYPE G-3	¹ 702.99	695.52	695.52				J1602183
S25-DS3	DR25	63RD TO SB I-355	203+04	50' LT	SLOPED HEADWALL TYPE III, 12", 1:3							MATCH EX.	J1680121
S25-DS4	DR25	I-355	1003+86	112' LT	SLOPED HEADWALL TYPE III, 24", 1:3							MATCH EX.	J1680125
S25-DS5	DR25	I-355	1004+51	5' RT	DRAINAGE STRUCTURES, TYPE 6 WITH ONE TYPE 21A FRAME AND GRATE	TYPE 21A	¹ 701.36	695.62	695.62				J1602710
S25-DS6	DR25	I-355	1004+56	5' LT	DRAINAGE STRUCTURES, TYPE 6 WITH ONE TYPE 21A FRAME AND GRATE	TYPE 21A	¹ 701.36		695.60			² 695.50	J1602710
S25-DS7	DR25	I-355	1005+80	5' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 21 FRAME AND GRATE	TYPE 21A	¹ 701.54	695.39				² 695.39	60201320
S25-DS8	DR25	I-355	1005+87	5' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 21 FRAME AND GRATE	TYPE 21A	¹ 701.54		695.40				60201320
S25-DS9	DR25	I-355	1006+55	75' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-3 FRAME AND GRATE	TYPE G-3	¹ 702.08	693.37	² 693.37				J1602183
S25-DS10	DR25	I-355	1006+89	86' RT	MANHOLE, TYPE A, 6 FT DIAMETER, TYPE G-3 FRAME AND GRATE	TYPE G-3	¹ 701.52	693.33	693.33	² 693.94			J1602332
S25-DS11	DR25	I-355	1009+46	85' RT	MANHOLE, TYPE A, 6 FT DIAMETER, TYPE G-3 FRAME AND GRATE	TYPE G-3	¹ 704.11	693.49	693.08			693.08	J1602332
S25-DS12	DR25	I-355	1009+78	75' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-3 FRAME AND GRATE	TYPE G-3	¹ 704.92	² 693.54	693.54				J1602183
S29-DS1	DR29	MAPLE TO SB I-355	203+45	51' RT	SLOPED HEADWALL TYPE III, 18", 1:3				MATCH EX.				J1680123

¹ Elevation is approximate and should be verified in field.

² Existing invert is approximate and should be verified in field.

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 CHECKED BY JM DATE 3/11/2018



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 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE STRUCTURE SCHEDULE 1 OF 2
 SHT NO. DR45
 DRAWING NO. 577 OF 1517

PROPOSED DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NUMBER	SHEET NUMBER	ALIGNMENT	STATION	OFFSET	STRUCTURE TYPE	FRAME AND GRATE	RIM (FT)	INVERT (FT)				PAY ITEM NUMBER
								N	S	E	W	
S29-DS2	DR29	MAPLE TO SB I-355	203+77	49' RT	SLOPED HEADWALL TYPE III, 18", 1:3			MATCH EX.				J1680123
S29-DS3	DR29	I-355	1063+00	4' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	TYPE 20A	¹ 730.22		² 726.00			60201310
S29-DS4	DR29	I-355	1063+06	4' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	TYPE 20A	¹ 730.22	725.99	² 725.99			60201310
S29-DS5	DR29	I-355	1064+55	4' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	TYPE 20A	¹ 729.53	² 724.37				60201310
S29-DS6	DR29	I-355	1064+61	4' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	TYPE 20A	¹ 729.53	724.38	724.38			60201310
S32-DS1	DR32	NB I-355 TO I-88	700+39	92' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	TYPE 1	¹ 700.00			694.70	² 696.26	60218400
S32-DS2	DR32	NB I-355 TO I-88	700+46	116' RT	SLOPED HEADWALL TYPE III, 12", 1:4						687.50	J1680131
S34-DS1	DR34	OGDEN TO SB I-355	204+02	22' LT	CATCH BASINS, TYPE G-2, TYPE G-2 FRAME AND GRATE	TYPE G-2	¹ 726.00	719.70				J1602115
S34-DS2	DR34	OGDEN TO SB I-355	201+90	11' RT	CATCH BASINS, TYPE G-2, TYPE G-2 FRAME AND GRATE	TYPE G-2	¹ 721.00	713.46				J1602115
S34-DS3	DR34	SB I-355 TO OGDEN	119+27	51' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-3 FRAME AND GRATE	TYPE G-3	¹ 718.53	713.15	² 713.15			J1602183
S34-DS4	DR34	SB I-355 TO OGDEN	118+38	58' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-3 FRAME AND GRATE	TYPE G-3	¹ 717.18	712.88	712.88			J1602183
S34-DS5	DR34	SB I-355 TO OGDEN	117+87	58' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-3 FRAME AND GRATE	TYPE G-3	¹ 717.18	712.73	712.73	712.08		J1602183
S34-DS6	DR34	SB I-355 TO OGDEN	117+18	58' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-3 FRAME AND GRATE	TYPE G-3	¹ 717.30		712.94			J1602183
S34-DS7	DR34	NB I-355 TO OGDEN	314+89	13' RT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE G-3 FRAME AND GRATE	TYPE G-3	¹ 725.75			721.75		J1602183
S34-DS8	DR34	NB I-355 TO OGDEN	314+89	34' RT	SLOPED HEADWALL TYPE III, 12", 1:3						720.95	J1680121
S34-DS9	DR34	I-355	1127+44	204' RT	SLOPED HEADWALL TYPE III, 24", 1:4						MATCH EX.	J1680135
S34-DS10	DR34	I-355	1135+87	103' RT	SLOPED HEADWALL TYPE III, 24", 1:3						MATCH EX.	J1680125
S34-DS11	DR34	SB I-355 TO OGDEN	111+88	129' RT	HEADWALL TYPE III, 18", 1:10			732.52				J1680030
S34-DS12	DR34	SB I-355 TO OGDEN	111+51	137' RT	HEADWALL TYPE III, 18", 1:10				733.52			J1680030
S35-DS1	DR35	I-355	1145+86	0' RT	DRAINAGE STRUCTURES, TYPE 6 WITH TWO TYPE 21A FRAME AND GRATE	TYPE 21A	¹ 723.59 (NB) ¹ 723.30 (SB)			² 718.78		J1602750
S36-DS1	DR36	I-355	1154+45	5' RT	DRAINAGE STRUCTURES, TYPE 4 WITH ONE TYPE 20A FRAME AND GRATE	TYPE 20A	¹ 733.65			724.45	² 724.45	J1602700
S36-DS2	DR36	I-355	1154+51	5' LT	DRAINAGE STRUCTURES, TYPE 4 WITH ONE TYPE 20A FRAME AND GRATE	TYPE 20A	¹ 733.65	² 727.14	² 725.96	² 725.72	724.46	J1602700
S36-DS3	DR36	I-355	1160+80	4' LT	DRAINAGE STRUCTURES, TYPE 4 WITH ONE TYPE 20A FRAME AND GRATE	TYPE 20A	¹ 744.53	² 737.69	² 737.69	736.92	² 736.72	J1602700
S36-DS4	DR36	I-355	1160+85	5' RT	DRAINAGE STRUCTURES, TYPE 4 WITH ONE TYPE 20A FRAME AND GRATE	TYPE 20A	¹ 744.53		² 736.93	736.93		J1602700

¹ Elevation is approximate and should be verified in field.

² Existing invert is approximate and should be verified in field.

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DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED DRAINAGE STRUCTURE
 SCHEDULE 2 OF 2

SHT NO. DR46
 DRAWING NO.
 578 OF 1517

PROPOSED PIPE SCHEDULE

PROPOSED UNDERDRAIN SCHEDULE

PIPE NUMBER	SHEET NUMBER	ALIGNMENT	FROM			TO			SIZE	LENGTH (FT)	SLOPE (%)	MATERIAL	TYPE	CLASS	PAY ITEM NUMBER	TRENCH BACKFILL (CU YD)
			STATION	OFFSET	INVERT (FT)	STATION	OFFSET	INVERT (FT)								
S2-DP1	DR02	I-355	740+99	144' RT	754.00	742+18	213' RT	742.50	18"	139	8.27	RCCP	2	A	550A0380	0.00
S3-DP1	DR03	NB I-355 TO SB I-55	902+40	11' RT	768.87	902+56	126' RT	759.90	18"	119	7.54	RCCP	2	A	550A0380	2.16
S12-DP1	DR12	NB I-355 TO SB I-55	820+42	76' LT	728.64	820+92	76' LT	728.48	15"	50	0.32	RCCP	2	A	550A0360	35.55
S12-DP2	DR12	NB I-355 TO SB I-55	821+42	76' LT	728.64	820+92	76' LT	728.48	15"	50	0.32	RCCP	2	A	550A0360	35.55
S17-DP1	DR17	I-355	888+87	147' RT	744.00	889+18	147' RT	743.99	12"	31	0.03	RCCP	2	A	550A0340	0.00
S21-DP1	DR21	75TH TO NB I-355	423+71	15' RT	752.74	423+62	15' RT	752.71	15"	9	0.32	RCCP	2	A	550A0360	6.40
S25-DP1	DR25	63RD TO SB I-355	208+11	39' RT	698.20	208+10	55' RT	698.00	15"	16	1.24	RCCP	2	A	550A0360	0.00
S25-DP2	DR25	I-355	998+96	96' LT	696.31	1000+81	96' LT	695.52	12"	181	0.44	RCCP	2	A	550A0340	125.98
S25-DP3	DR25	I-355	1000+81	96' LT	695.52	1002+02	76' LT	694.99	12"	121	0.44	RCCP	2	A	550A0340	4.18
S25-DP4	DR25	I-355	1004+51	5' RT	695.62	1004+56	5' LT	695.60	18"	2	0.78	RCCP	2	A	550A0380	1.44
S25-DP5	DR25	I-355	1005+87	5' RT	695.40	1005+80	5' LT	695.39	18"	2	0.26	RCCP	2	A	550A0380	1.44
S25-DP6	DR25	I-355	1006+89	75' RT	693.37	1006+89	86' RT	693.33	30"	32	0.13	RCCP	2	A	550A0430	22.59
S25-DP7	DR25	I-355	1006+89	86' RT	693.33	1009+46	85' RT	693.08	36"	253	0.10	RCCP	2	A	550A0450	169.00
S25-DP8	DR25	I-355	1009+46	85' RT	693.08	1009+46	74' RT	693.07	36"	9	0.10	RCCP	2	A	550A0450	6.01
S25-DP9	DR25	I-355	1009+78	75' RT	693.54	1009+46	85' RT	693.49	24"	30	0.17	RCCP	2	A	550A0410	21.69
S26-DP1	DR26	63RD TO NB I-355	416+86	8' RT	711.08	416+84	74' RT	702.9	18"	91	9.04	RCCP	2	A	550A0380	2.16
S29-DP1	DR29	MAPLE TO SB I-355	203+46	51' RT	742.97	203+79	49' RT	742.60	18"	34	1.09	RCCP	2	A	550A0380	0.00
S29-DP2	DR29	I-355	1063+00	4' RT	726.00	1063+06	4' LT	725.99	12"	2	0.44	RCCP	2	A	550A0340	1.39
S29-DP3	DR29	I-355	1064+61	4' RT	724.37	1064+55	4' LT	724.38	15"	2	0.32	RCCP	2	A	550A0360	1.42
S34-DP1	DR34	OGDEN TO SB I-355	204+02	22' LT	719.70	203+51	21' LT	719.48	12"	51	0.43	RCCP	2	A	550A0340	35.50
S34-DP2	DR34	OGDEN TO SB I-355	201+90	11' RT	713.46	201+47	30' RT	713.25	12"	47	0.45	RCCP	2	A	550A0340	4.18
S34-DP3	DR34	SB I-355 TO OGDEN	119+27	51' RT	713.15	118+38	58' RT	712.88	15"	85	0.32	RCCP	2	A	550A0360	60.44
S34-DP4	DR34	SB I-355 TO OGDEN	118+38	58' RT	712.88	117+87	58' RT	712.73	15"	46	0.32	RCCP	2	A	550A0360	32.71
S34-DP5	DR34	SB I-355 TO OGDEN	117+87	58' RT	712.08	117+87	34' RT	712.01	15"	22	0.32	RCCP	2	A	550A0360	15.64
S34-DP6	DR34	SB I-355 TO OGDEN	117+18	58' RT	712.94	117+87	58' RT	712.73	15"	65	0.32	RCCP	2	A	550A0360	46.22
S34-DP7	DR34	NB I-355 TO OGDEN	314+89	13' RT	721.75	314+89	34' RT	720.95	12"	21	3.84	RCCP	2	A	550A0340	2.09
S34-DP8	DR34	SB I-355 TO OGDEN	111+56	136' RT	733.52	111+85	129' RT	732.52	18"	23	4.35	RCCP	2	A	550A0380	0.00
S36-DP1	DR36	I-355	1154+45	5' RT	724.46	1154+51	5' LT	724.45	30"	2	0.75	RCCP	2	A	550A0430	1.41
S36-DP2	DR36	I-355	1160+85	5' RT	736.93	1160+80	4' LT	736.92	30"	2	0.67	RCCP	2	A	550A0430	1.41

PIPE NUMBER	SHEET NUMBER	ALIGNMENT	FROM		TO		SIZE	LENGTH (FT)	PAY ITEM NUMBER
			STATION	OFFSET	STATION	OFFSET			
S2-UD1	DR02	I-355	744+60	151' LT	744+26	193' LT	6"	54	J1601300
S3-UD1	DR03	SB I-355 TO NB I-55	130+49	21' LT	130+44	78' LT	6"	59	J1601300
S3-UD2	DR03	SB I-355 TO NB I-55	130+39	75' LT	130+39	21' LT	6"	55	J1601300
S3-UD3	DR03	SB I-355 TO NB I-55	128+03	20' LT	127+98	21' LT	6"	5	J1601320
S25-UD1	DR25	I-355	998+27	74' LT	998+96	96' LT	6"	73	J1601320
S25-UD2	DR25	I-355	998+96	96' LT	1000+81	96' LT	6"	181	J1601320
S25-UD3	DR25	I-355	1000+81	96' LT	1001+50	73' LT	6"	71	J1601320
S25-UD4	DR25	I-355	1006+55	75' RT	1006+89	86' RT	6"	36	J1601320
S25-UD5	DR25	I-355	1006+89	86' RT	1009+46	85' RT	6"	262	J1601320
S25-UD6	DR25	I-355	1009+78	75' RT	1009+46	85' RT	6"	29	J1601320
S33-UD1	DR33	NB I-355 TO OGDEN	311+60	9' RT	312+89	32' RT	6"	133	J1601320
S34-UD1	DR34	SB I-355 TO OGDEN	119+68	38' RT	119+27	51' RT	6"	41	J1601320
S34-UD2	DR34	SB I-355 TO OGDEN	119+27	51' RT	118+38	58' RT	6"	91	J1601320
S34-UD3	DR34	SB I-355 TO OGDEN	118+38	58' RT	117+87	58' RT	6"	46	J1601320
S34-UD4	DR34	SB I-355 TO OGDEN	117+18	58' RT	117+87	58' RT	6"	65	J1601320
S34-UD5	DR34	SB I-355 TO OGDEN	116+58	37' RT	117+18	58' RT	6"	64	J1601320
S34-UD6	DR34	NB I-355 TO OGDEN	312+89	32' RT	314+89	13' RT	6"	204	J1601320
S39-UD1	DR39	I-355	1200+34	170' LT	1201+93	187' LT	12"	150	60108212
S40-UD1	DR40	I-355	1211+41	170' LT	1213+01	163' LT	12"	150	60108212

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 CHECKED BY JM DATE 3/11/2018



REVISIONS	
NO.	DATE DESCRIPTION

CONTRACT NO. RR-16-4255
 PROPOSED PIPE AND UNDERDRAIN SCHEDULE

SHT NO. DR47
 DRAWING NO. 579 OF 1517

PIPE CLEANING SCHEDULE

Table with 8 columns: SHEET NUMBER, FROM (STATION, OFFSET), TO (STATION, OFFSET), SIZE, LENGTH (FT), PAY ITEM NUMBER. Rows include DR03, DR05, DR06, DR07, DR08, DR09, DR10.

Table with 8 columns: SHEET NUMBER, FROM (STATION, OFFSET), TO (STATION, OFFSET), SIZE, LENGTH (FT), PAY ITEM NUMBER. Rows include DR10, DR11, DR12, DR13, DR14, DR15, DR16, DR17, DR20, DR24.

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DRAWN BY KP DATE 3/11/2018
CHECKED BY JM DATE 3/11/2018



Table with 3 columns: NO., DATE, REVISIONS DESCRIPTION

CONTRACT NO. RR-16-4255
PIPE CLEANING SCHEDULE
1 OF 2
SHT NO. DR48
DRAWING NO. 580 OF 1517

DRAINAGE STRUCTURE CLEANING SCHEDULE

DRAINAGE STRUCTURE CLEANING SCHEDULE				
SHEET NUMBER	STATION	OFFSET	STRUCTURE TYPE	PAY ITEM NUMBER
DR35	803+23	65' LT	CB	60255410
DR35	804+05	52' LT	CB	60255410
DR35	809+67	23' LT	CB	60255410
DR35	809+71	90' LT	ES	X0325893
DR35	905+32	32' RT	ES	X0325893
DR35	905+30	4' RT	CB	60255410
DR35	906+87	64' LT	ES	X0325893
DR35	906+87	26' LT	CB	60255410
DR35	1147+55	146' LT	MH	Z0010614
DR36	750+85	53' LT	ES	X0325893
DR36	753+72	31' LT	CB	60255410
DR36	1151+35	86' RT	MH	Z0010614
DR36	1151+91	99' LT	ES	X0325893
DR36	1151+95	264' LT	MH	Z0010614
DR36	1155+32	1' RT	MI	Z0018500
DR36	1156+27	152' RT	UD	X0320157
DR36	1156+49	160' RT	UD	X0320157
DR36	1160+92	4' RT	MI	Z0018500
DR36	1164+11	63' RT	CB	60255410
DR36	1164+13	3' RT	MI	Z0018500
DR37	1165+96	4' RT	MI	Z0018500
DR37	1171+04	104' RT	UD	X0320157
DR37	1176+14	100' RT	UD	X0320157
DR37	1177+09	95' RT	UD	X0320157
DR39	1197+40	79' LT	MH	Z0010614
DR39	1199+03	141' LT	ES	X0325893
DR39	1202+00	186' LT	ES	X0325893
DR39	1203+10	75' LT	CB	60255410
DR39	1204+34	187' LT	ES	X0325893
DR39	1204+66	176' LT	ES	X0325893
DR40	1208+88	151' LT	ES	X0325893
DR40	1208+91	75' LT	CB	60255410

DRAINAGE STRUCTURE CLEANING SCHEDULE				
SHEET NUMBER	STATION	OFFSET	STRUCTURE TYPE	PAY ITEM NUMBER
DR40	1213+08	159' LT	ES	X0325893
DR40	1214+54	82' LT	CB	60255410
DR40	1214+92	171' LT	ES	X0325893
DR40	1215+02	158' LT	ES	X0325893
DR40	1215+05	83' LT	CB	60255410
DR40	1215+13	151' LT	ES	X0325893
DR40	1217+91	145' LT	ES	X0325893
DR40	1217+96	3' LT	MI	Z0018500
DR40	1220+27	183' LT	ES	X0325893
DR41	1221+98	193' LT	ES	X0325893
DR41	1222+02	58' LT	CB	60255410
DR41	1222+06	6' LT	MI	Z0018500
DR41	1222+06	62' RT	CB	60255410
DR41	1223+31	167' LT	ES	X0325893
DR41	1223+35	96' LT	CB	60255410
DR41	1223+92	61' LT	CB	60255410
DR41	1223+98	62' RT	CB	60255410
DR41	1228+79	223' LT	ES	X0325893
DR41	1232+50	167' RT	ES	X0325893
DR42	237+54	66' RT	ES	X0325893
DR42	237+59	10' RT	IN	Z0010615
DR42	1241+81	245' RT	ES	X0325893
DR42	1244+29	105' RT	CB	60255410
DR42	1245+04	242' RT	CB	60255410
DR42	1245+53	218' RT	ES	X0325893
DR42	1245+53	242' RT	ES	X0325893
DR42	1246+52	185' RT	ES	X0325893
DR42	1246+54	80' RT	CB	60255410
DR42	1247+52	4' RT	MI	Z0018500
DR42	1247+55	176' RT	ES	X0325893

LEGEND	
CB	CATCH BASINS TO BE CLEANED
IN	CLEANING EXISTING INLETS
MH	CLEANING EXISTING MANHOLE OR HANDHOLE
ES	CLEAN EXISTING END SECTION
UD	CLEANING UNDERDRAIN OUTLETS
MI	DRAINAGE STRUCTURES TO BE CLEANED

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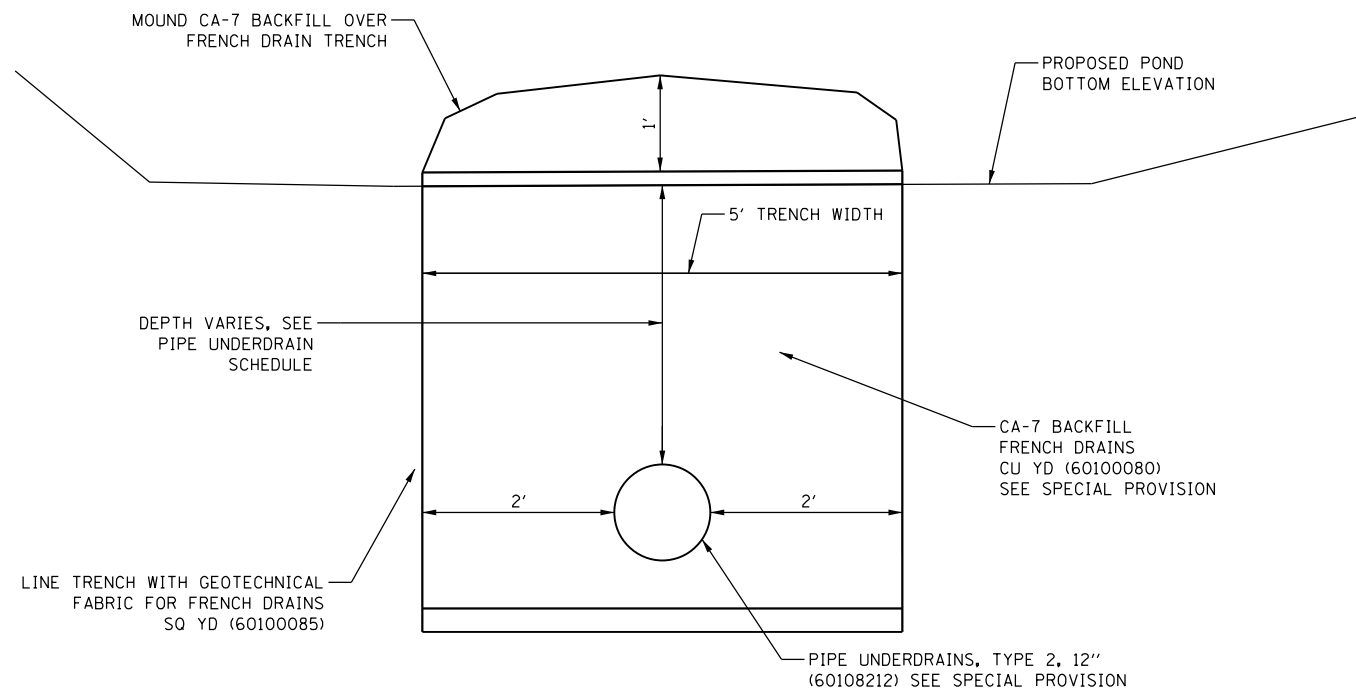

2im GROUP
 2IM Group, LLC
 118 South Clinton St.
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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
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NO.		REVISIONS	
NO.	DATE	DESCRIPTION	DESCRIPTION

CONTRACT NO. RR-16-4255
DRAINAGE STRUCTURE CLEANING SCHEDULE 3 OF 3

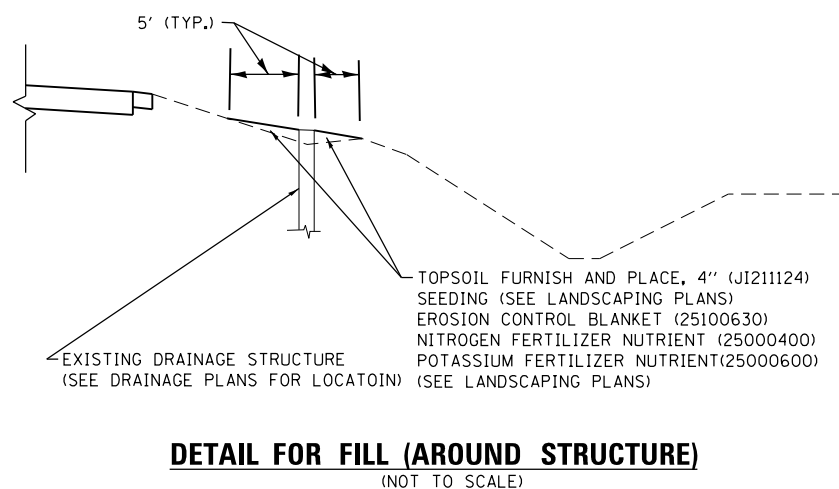
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DRAWING NO.
 584 OF 1517



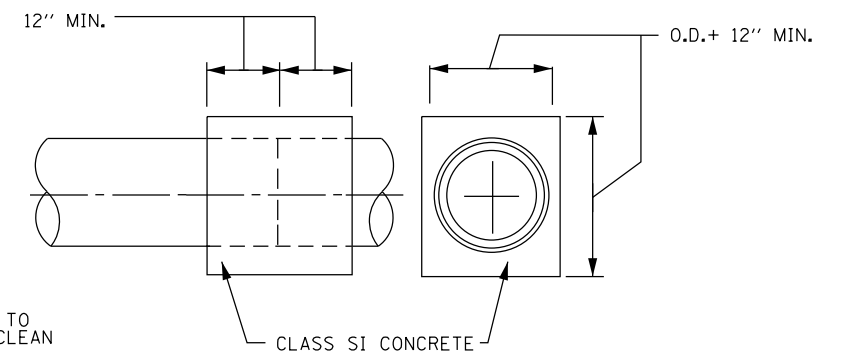
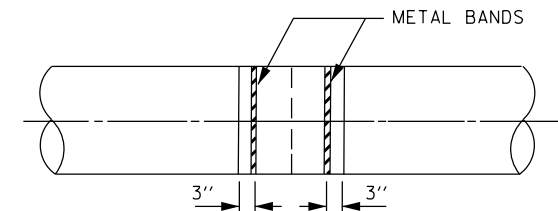
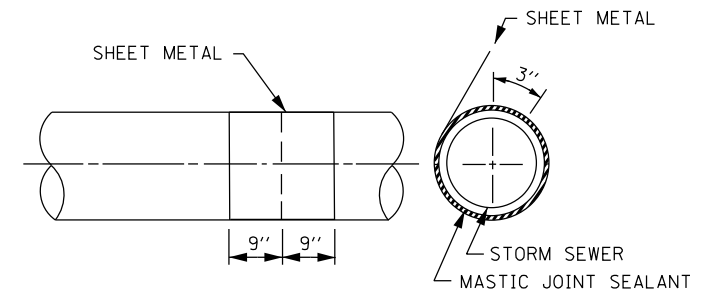
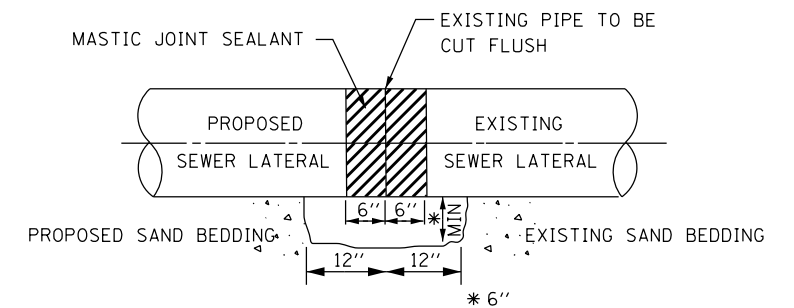
- NOTES:
1. CORE ±12" HOLE IN CONTROL STRUCTURE TO CONNECT UNDERDRAIN, INCIDENTAL TO FRENCH DRAIN CONSTRUCTION
 2. CAP PIPE UNDERDRAIN AT UPSTREAM END

PIPE UNDERDRAIN SCHEDULE:
 POND 1
 STA 1200+34, 169' LT, ELEV=702.25
 STA 1201+93, 187' LT, ELEV=703.75
 POND 2
 STA 1211+41, 170' LT, ELEV=687.00
 STA 1213+01, 163' LT, ELEV=688.50

FRENCH DRAIN DETAIL
 POND 1 AND POND 2



DETAIL FOR FILL (AROUND STRUCTURE)
 (NOT TO SCALE)



CONCRETE COLLAR DETAIL

- CONSTRUCTION SEQUENCE FOR CONCRETE COLLAR**
1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
 2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" OF EACH PIPE.
 3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM 12" X 6" DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
 4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" LONG.
 5. WRAP THE SHEET METAL AROUND THE PIPES. 9" CENTERED ON THE JOINT, STARTING AT THE TOP OF THE PIPE.
 6. LAP THE SHEET METAL AT LEAST 3" AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
 7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
 8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
 9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

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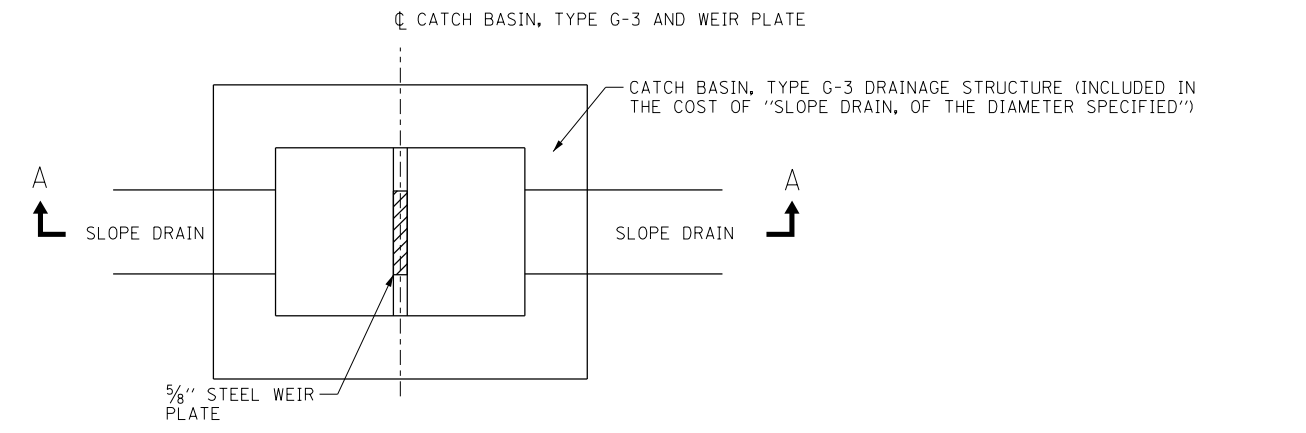
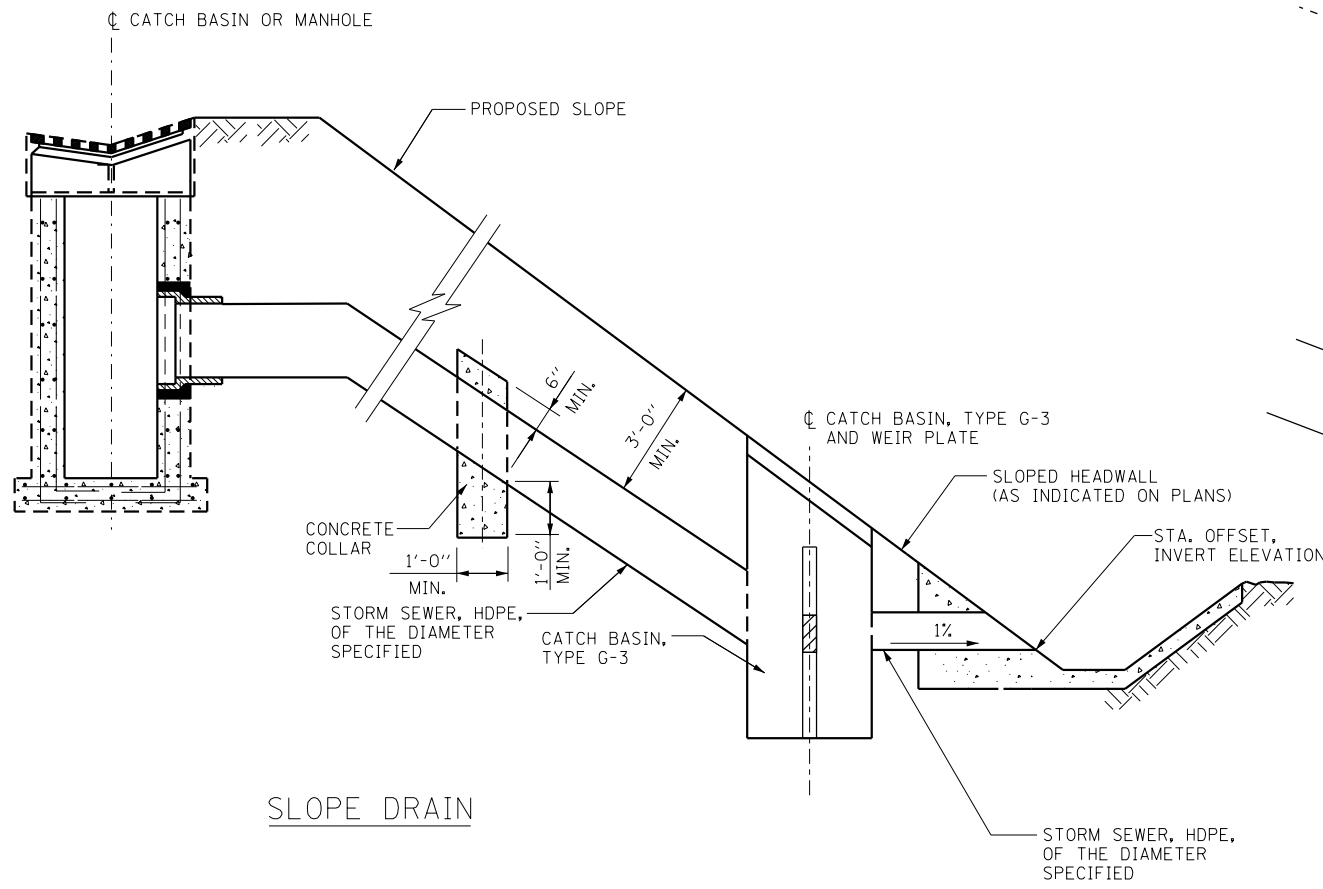
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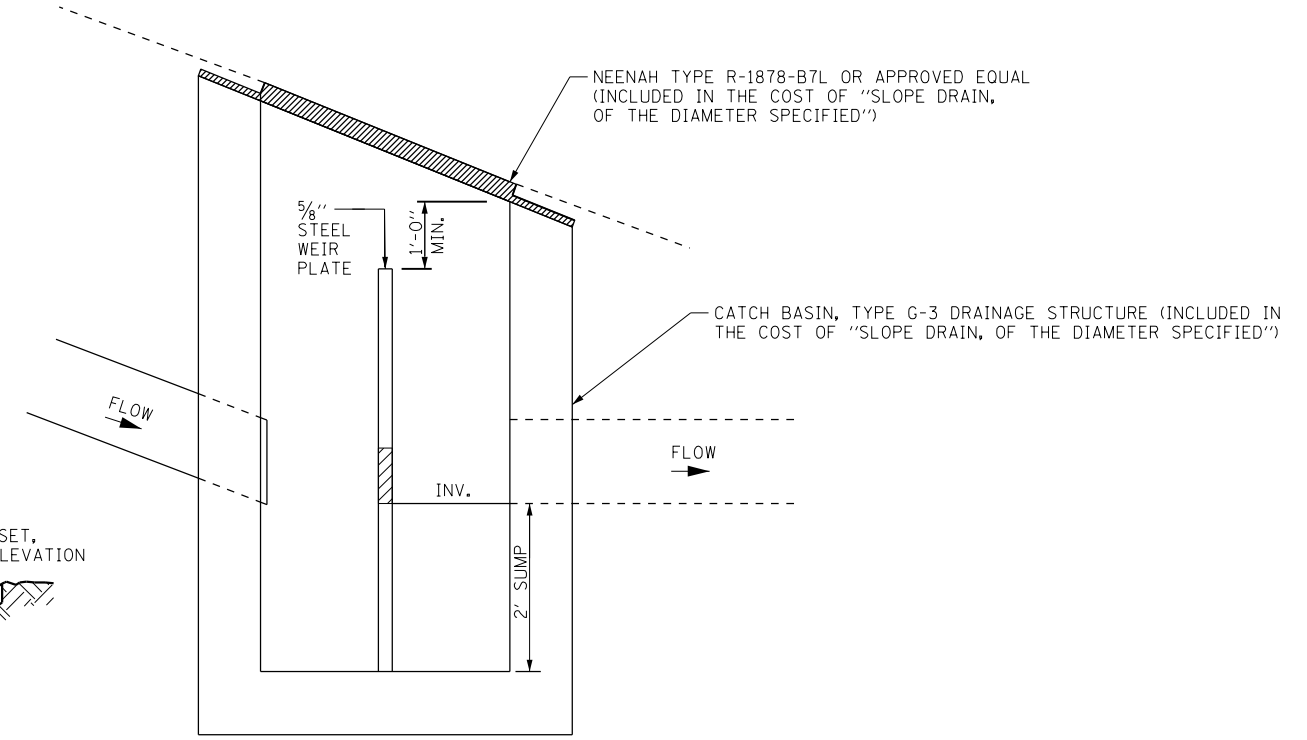
NO.		DATE	REVISIONS DESCRIPTION

CONTRACT NO. RR-16-4255	DR54
DRAINAGE DETAILS	DRAWING NO. 586 OF 1517

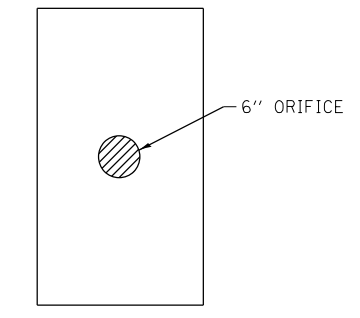
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**CATCH BASIN, TYPE G-3
DRAINAGE STRUCTURE PLAN**



SECTION A-A



WEIR PLATE DETAIL

- NOTES:**
1. THE STORM SEWER, CONCRETE COLLAR CATCH BASIN, TYPE G-3, WEIR PLATE AND FRAME, AND GRATE, SHALL BE INCLUDED IN THE COST OF SLOPE DRAIN OF THE DIAMETER SPECIFIED.
 2. SEE ILLINOIS TOLLWAY STANDARD B8 FOR DIMENSION OF CATCH BASIN, TYPE G-3 STRUCTURE.
 3. THE TOP OF THE CATCH BASIN, TYPE G-3 SHALL BE CUT IN THE FIELD TO MATCH THE PROPOSED EMBANKMENT SLOPE.
 4. THE CONTRACTOR HAS THE OPTION TO USE A CONCRETE RESTRICTOR PLATE THAT IS PRECAST WITHIN THE DRAINAGE STRUCTURE.

DRAIN NO.	SIZE	ALIGNMENT	CONC. COLLAR		CATCH BASIN, TYPE G-3			TOP OF WEIR PLATE ELEVATION	PAY ITEM NUMBER	TRENCH BACKFILL (CU YD)
			STATION	OFFSET	STATION	OFFSET	INV.			
S2-SL1	18"	I-355	743+98.00	137.00' RT	743+98.00	209.50' RT	741.82	745.07	J1601218	2.16
S5-SL1	12"	NB I-355 TO SB I-55	908+34.00	23.21' RT	908+34.00	35.92' RT	746.36	749.61	J1601212	2.09
S7-SL1	12"	NB I-355 TO SB I-55	905+28.00	40.21' RT	905+28.00	69.92' RT	747.15	750.40	J1601212	2.09
S32-SL1	12"	NB I-355 TO I-88	700+42.00	101.47' RT	700+45.00	110.84' RT	687.65	690.90	J1601212	0.00

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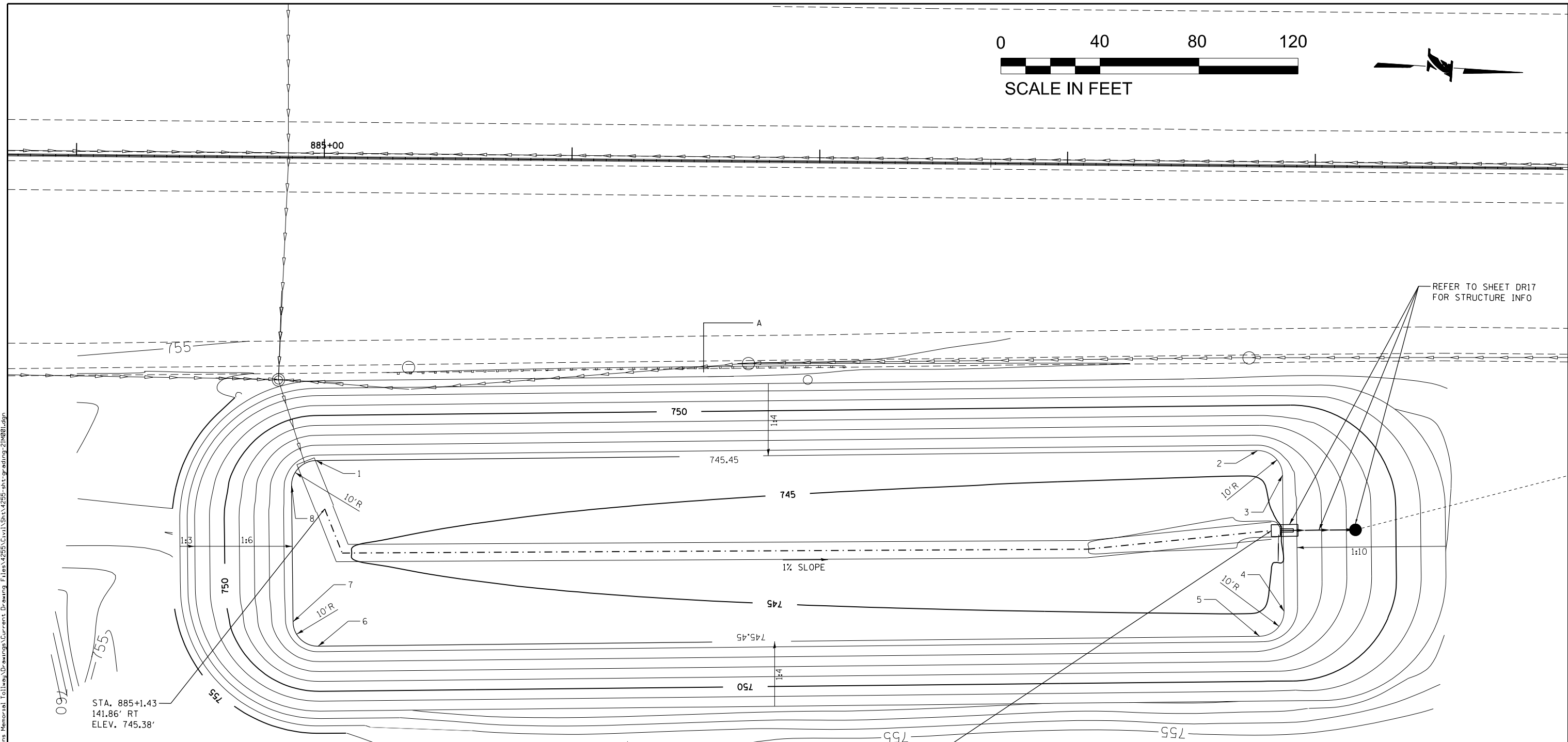
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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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REVISIONS		
NO.	DATE	DESCRIPTION

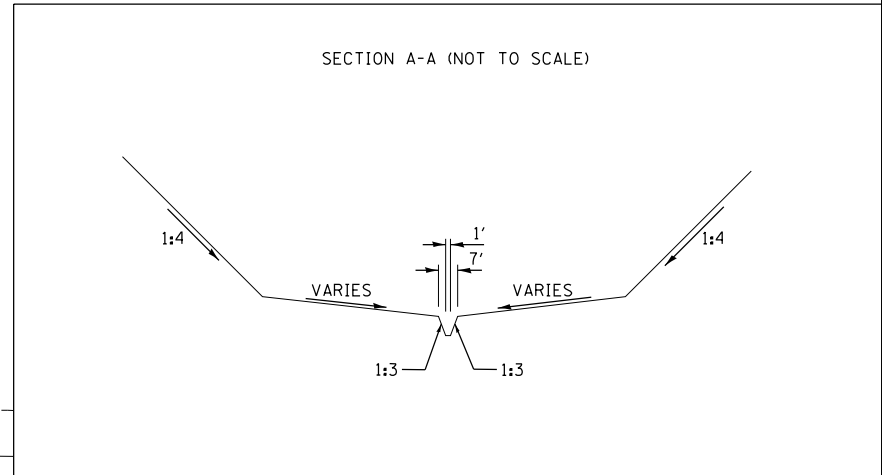
CONTRACT NO. RR-16-4255
 SLOPE DRAIN

SHT DR05
 DRAWING NO.
 587 OF 1517

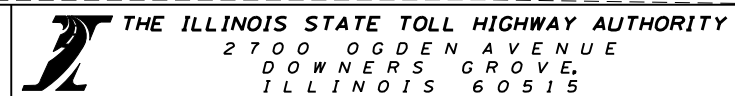


GRADING POINT NO.	STATION	OFFSET	ELEVATION
1	884+97.78	122.38	745.45
2	888+77.71	115.03	745.45
3	888+87.90	124.83	745.45
4	888+88.96	179.82	745.45
5	888+79.16	190.01	745.45
6	884+99.23	197.37	745.45
7	884+89.04	187.56	745.45
8	884+87.97	132.57	745.45

NOTE: BASIN WILL BE REGRADED TO ORIGINAL GRADE.
 PR STORAGE VOLUME = 124,146 CF
 PR 2-YR HWL = 745.59 FT
 PR 2-YR MAX RELEASE RATE = 2.49 CFS
 PR 100-YR HWL = 748.37 FT
 PR 100-YR MAX RELEASE RATE = 4.00 CFS

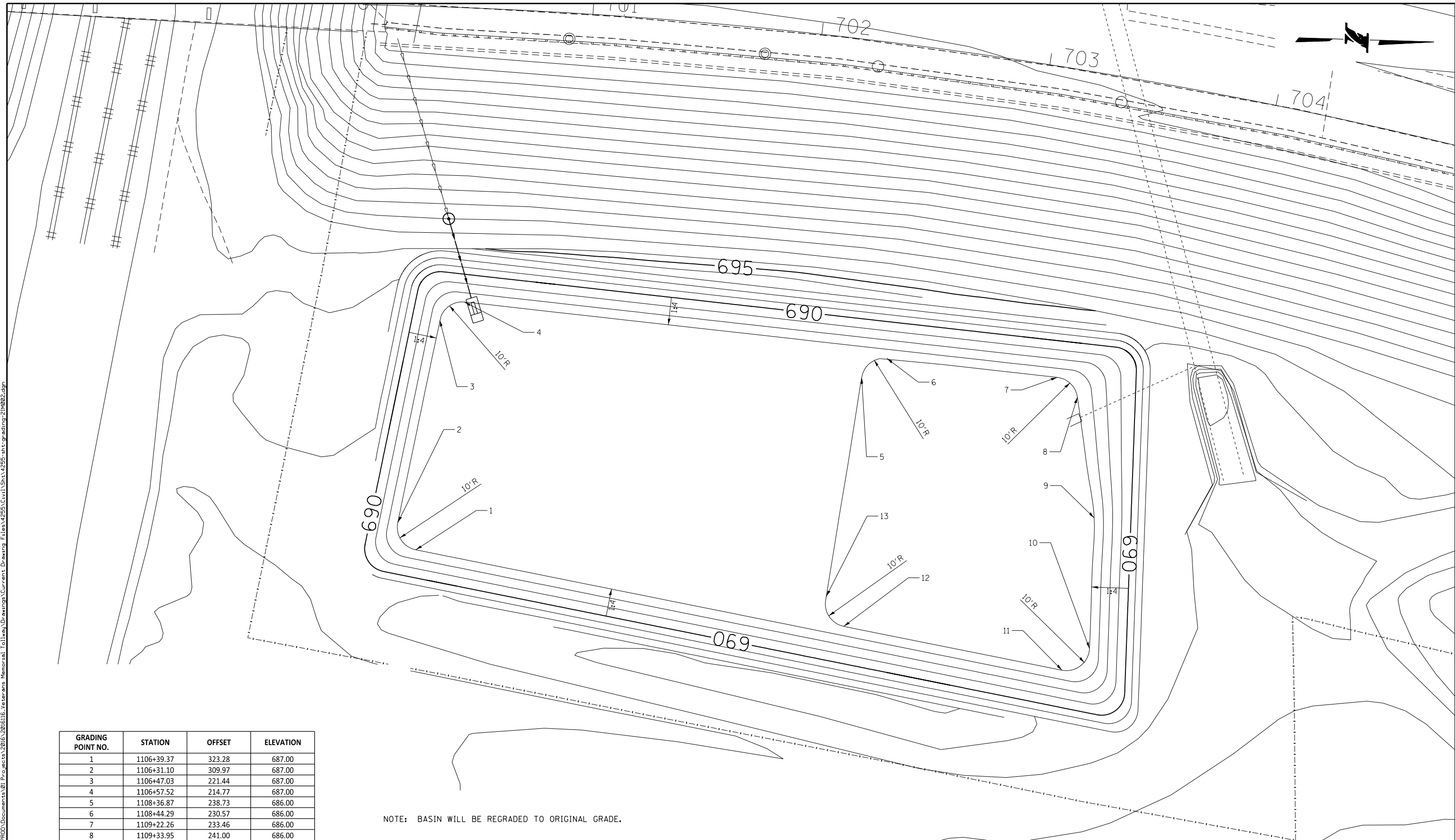


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 CHECKED BY JM DATE 3/11/2018



NO.	DATE	REVISIONS	
		DESCRIPTION	

CONTRACT NO. RR-16-4255
 GRADING PLAN
 SHT NO. GR-01
 DRAWING NO. 588 OF 1517



GRADING POINT NO.	STATION	OFFSET	ELEVATION
1	1106+39.37	323.28	687.00
2	1106+31.10	309.97	687.00
3	1106+47.03	221.44	687.00
4	1106+57.52	214.77	687.00
5	1108+36.87	238.73	686.00
6	1108+44.29	230.57	686.00
7	1109+22.26	233.46	686.00
8	1109+33.95	241.00	686.00
9	1109+45.98	296.50	686.00
10	1109+47.93	350.56	686.00
11	1109+36.15	350.48	686.00
12	1108+34.09	347.48	686.00
13	1108+26.57	338.99	686.00

NOTE: BASIN WILL BE REGRADED TO ORIGINAL GRADE.



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2im GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

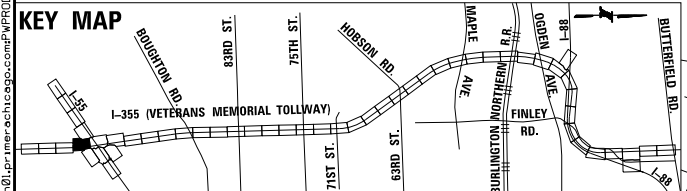
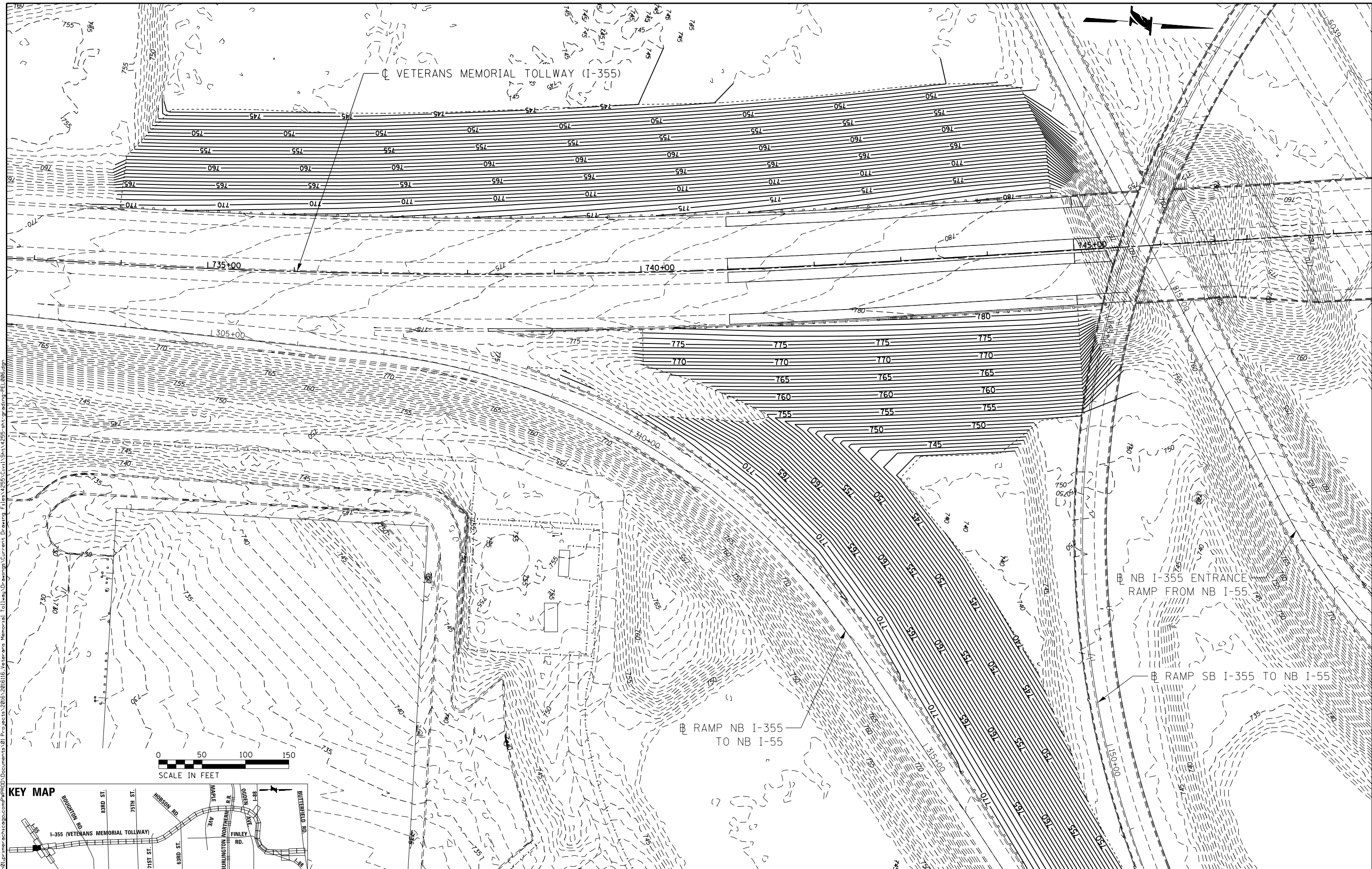
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DATE

CONTRACT NO. RR-16-4255
 GRADING PLAN

SHT NO. GR-02
 DRAWING NO.
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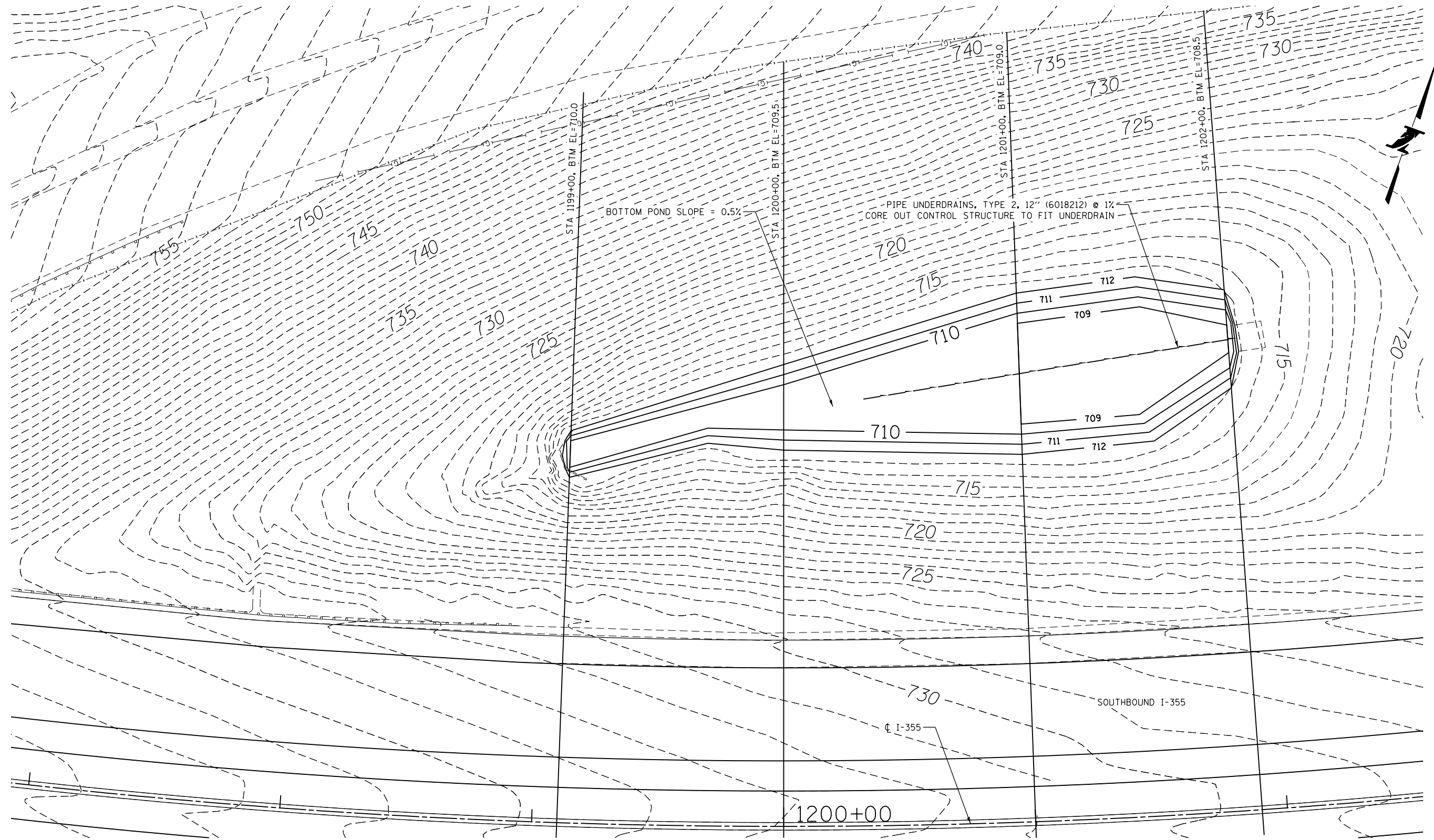
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 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
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CONTRACT NO. RR-16-4255
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GR-03
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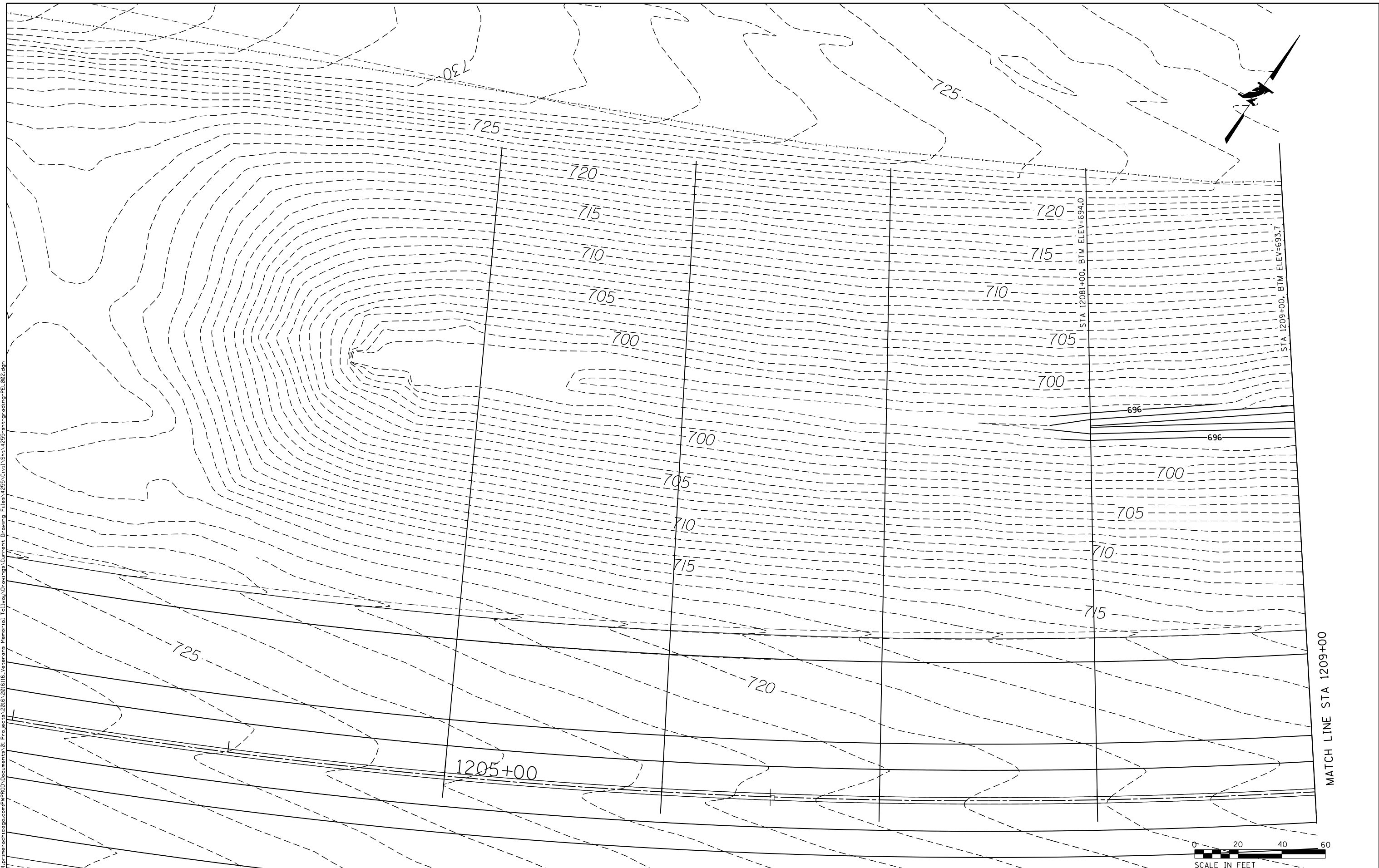
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CONTRACT NO. RR-16-4255
 GRADING PLAN
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GR-04
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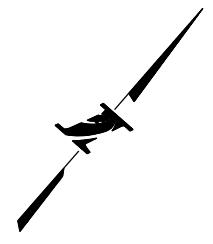
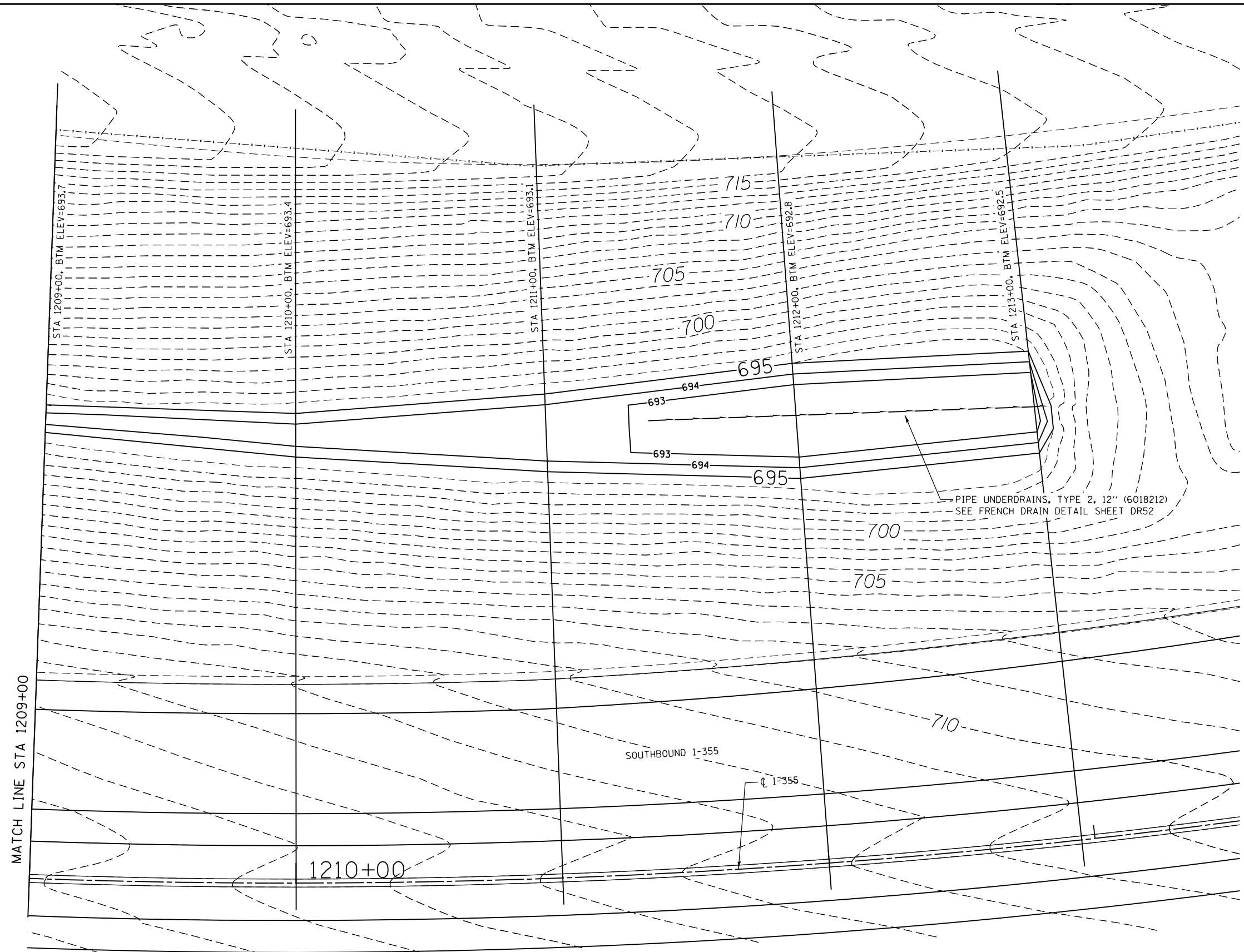
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GR-05
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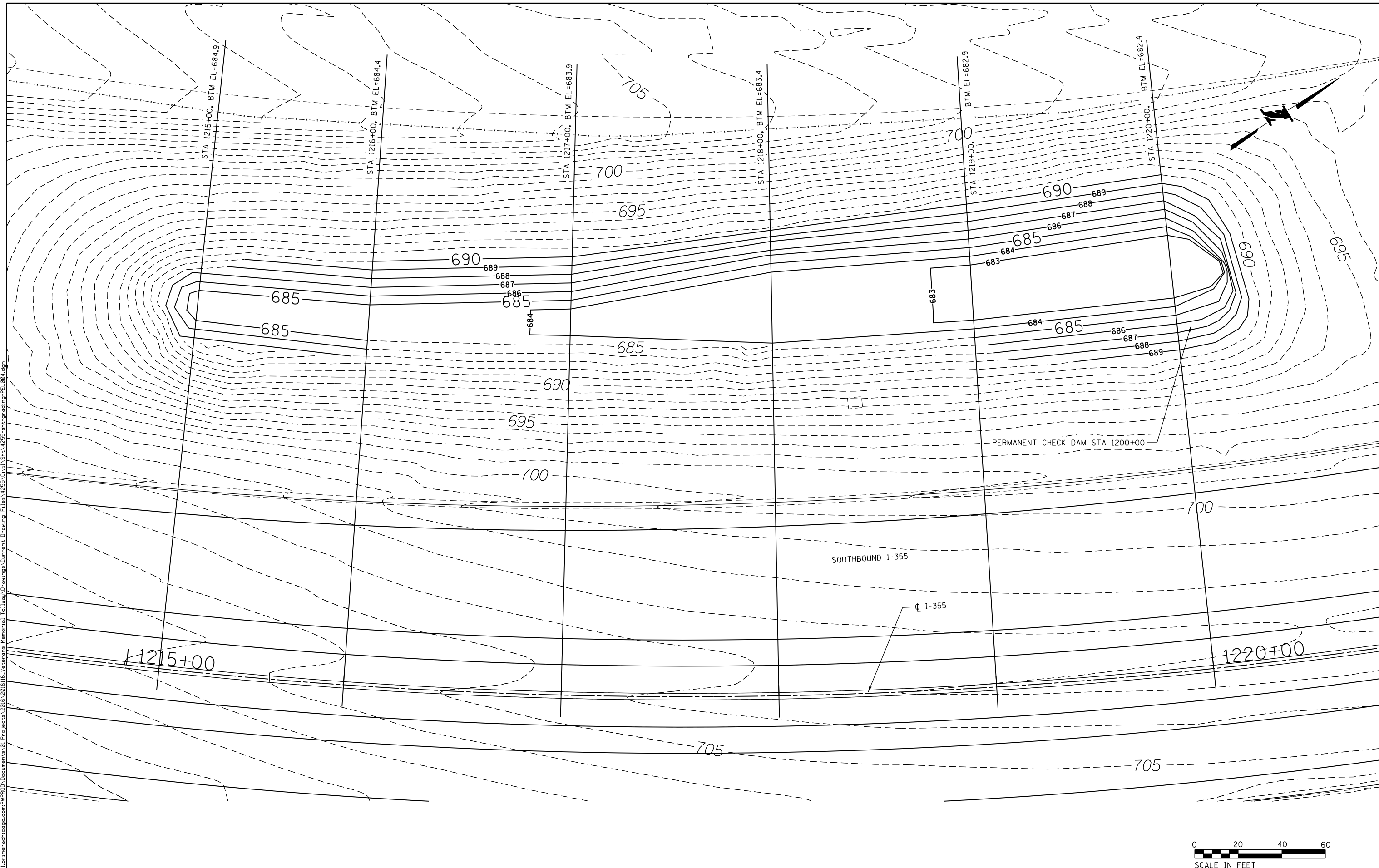


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GR-06
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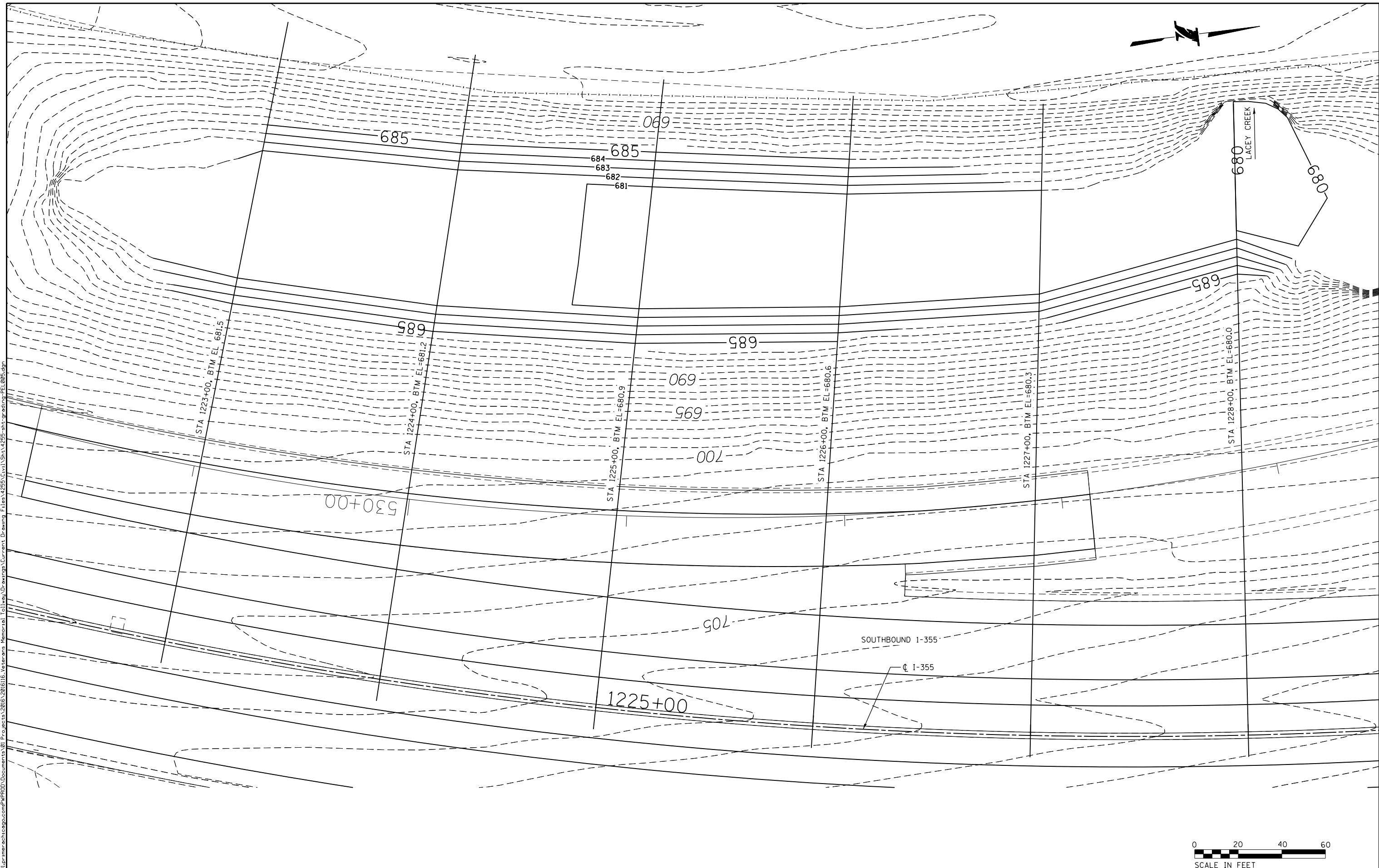
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

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CONTRACT NO. RR-16-4255
GRADING PLAN
POND 3

GR-07
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CONTRACT NO. RR-16-4255
GRADING PLAN
POND 4

GR-08
DRAWING NO.
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GENERAL NOTES

1. FOR EROSION AND SEDIMENT CONTROL GENERAL NOTES AND DETAILS, SEE ILLINOIS TOLLWAY STANDARD K1-06.
2. STOCKPILES OF SOIL SHALL NOT BE LOCATED IN THE FLOODPLAINS, RIPARIAN AREAS, VEGETATIVE FLOODPLAINS, WETLANDS OR WATERS OF THE U.S. SILT FENCE SHALL BE PLACED AROUND THE PERIMETER OF THE EARTH STOCKPILES. TEMPORARY EROSION CONTROL SEEDING SHALL BE PROVIDED AT ALL TEMPORARY STOCKPILES WITHIN 7 DAYS OF FORMATION OF THE STOCKPILE IF IT IS TO REMAIN INACTIVE FOR LONGER THAN 14 DAYS. STOCKPILES SHALL NOT BE LOCATED CLOSER THAN 25 FEET TO A PAVED ROADWAY OR 100 FEET TO A DRAINAGE CHANNEL.
3. SHOULD IT BE NECESSARY TO REMOVE ANY EROSION CONTROL DEVICES FOR CONSTRUCTION REASONS, THE CONTRACTOR SHALL FIRST OBTAIN PERMISSION AND SHALL REPAIR OR REPLACE THE REMOVED DEVICES THE SAME DAY. THE COST OF REMOVING AND REPLACING THE DEVICE SHALL BE INCIDENTAL TO THE CONTRACT.
4. TOPSOIL SHALL BE PLACED ON FINAL SLOPES THAT WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL SHALL NOT BE PLACED ON SURFACES THAT WILL BE PAVED IN THE FUTURE NOR ON TEMPORARILY STEEP SLOPES.
5. ALL STORM SEWER FACILITIES WITH OPEN LIDS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED OR FILTERED. ALL DRAINAGE STRUCTURES THAT HAVE OPEN LIDS IN PAVEMENT AREAS SHALL BE PROTECTED WITH FILTER FABRIC INLET PROTECTION (JS280210). ALL DRAINAGE STRUCTURES WITH OPEN LIDS IN UNPAVED AREAS SHALL BE PROTECTED WITH RECTANGULAR INLET PROTECTION (JS280180).
6. IN CASE OF CONFLICT BETWEEN EROSION CONTROL TABLES, EROSION CONTROL PLAN AND OVERVIEW DRAWINGS, CONTRACTOR SHALL NOTIFY ENGINEER AND RECEIVE CLARIFICATIONS BEFORE PROCEEDING WITH THE WORK.
7. PERMANENT SEEDING SHALL BE USED ON ALL DISTURBED AREAS TO THE MAXIMUM EXTENT POSSIBLE. A QUANTITY FOR TEMPORARY STABILIZATION WITH STRAW MULCH (JS280150) HAS ALSO BEEN PROVIDED ANTICIPATED DISTURBED AREAS AND TO BE USED AS REQUIRED.
8. WHEN PERMANENT LANDSCAPING IS NOT POSSIBLE, TEMPORARY STABILIZATION WITH STRAW MULCH (JS280150) SHALL BE USED FOR STABILIZATION.
9. TEMPORARY STABILIZATION WITH STRAW MULCH (JS280150) SHALL BE PROVIDED AT DISTURBED AREAS THAT CANNOT BE STABILIZED WITH PERMANENT VEGETATIVE MEASURES UNTIL A LATER DATE. THE ENGINEER MAY REQUIRE THE CRITICAL LOCATIONS BE SEEDED IMMEDIATELY AND THE CONTRACTOR SHALL SEED THESE AREAS WITHIN 48 HOURS OF SUCH DIRECTIVE TO ESTABLISH TEMPORARY COVER.
10. WHEN ORDERED BY THE ENGINEER, THE CONTRACTOR SHALL USE THE FOLLOWING METHOD TO ALLEVIATE DUST AND PREVENT A NUISANCE WITHIN THE LIMITS OF THE CONSTRUCTION SITE, DUST SHALL BE CONTROLLED BY THE UNIFORM APPLICATION OF SPRAYED WATER AND SHALL BE APPLIED ONLY WHEN DIRECTED BY THE ENGINEER, IN A MANNER MEETING HIS APPROVAL. CALCIUM CHLORIDE SHALL NOT BE USED FOR THIS PURPOSE. ALL EQUIPMENT USED FOR THIS WORK SHALL MEET WITH THE ENGINEER'S APPROVAL. THIS WORK SHALL CONSIST OF THE EXCLUSIVE CONTROL OF DUST RESULTING FROM CONSTRUCTION OPERATIONS AND IS NOT INTENDED FOR USE IN THE COMPACTION OF DUST EMBANKMENTS, AS SPECIFIED UNDER ARTICLE 205 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
11. ALL DISTURBED AREAS SHALL HAVE TEMPORARY STABILIZATION WITH STRAW MULCH AS PER NOTES 8 AND 9 OF ILLINOIS TOLLWAY STANDARD K1 DRAWING 1 OF 9.
12. ALL TEMPORARY STOCKPILES SHALL HAVE TEMPORARY STABILIZATION WITH STRAW MULCH AND SILT FENCE AT THE PERIMETER OF THE STOCKPILE.
13. ANY AREA THAT ARE DISTURBED DURING INSTALLATION AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES SHALL BE RESTORED AS PER EXISTING CONDITION. NOMINAL QUANTITY OF SEEDING AND EROSION CONTROL BLANKET IS SET ASIDE FOR RESTORATION OF DISTURBED AREA AND SHALL BE USED AS APPROVED BY ENGINEER.
14. CONTRACTOR TO PROVIDE STABILIZED CONSTRUCTION ENTRANCE AS PER ILLINOIS TOLLWAY STANDARD AT LOCATIONS APPROVED BY ENGINEER. A NOMINAL QUANTITY HAS BEEN PROVIDED FOR STABILIZED CONSTRUCTION ENTRANCE UNDER PAY ITEM JS280070.
15. SAME DAY STABILIZATION SHALL BE IMPLEMENTED AS OUTLINED IN THE ILLINIOS TOLLWAY SUPPLEMENTAL SPECIFICATION ARTICLES 280.15(C). SAME DAY STABILIZATION IS TO BE USED TO MINIMIZE EROSION AND MOVEMENT OF SOILS AT THOSE AREAS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER IN EROSION PRONE AREAS, OR AREAS WITHIN 100 FEET OF SURFACE WATERS, WETLANDS, OR OTHER ENVIRONMENTALLY SENSITIVE AREAS.
16. THE CONTRACTOR SHALL REFER TO SECTION 280.02 OF THE ILLINOIS TOLLWAY SUPPLEMENTAL SPECIFICATIONS FOR PENALTIES FOR NON-CONFORMANCE.
17. A NOMINAL QUANTITY FOR ITEM JS280051 RE-ERECT SILT FENCE HAS BEEN PROVIDED. RE-ERECTION OF SILT FENCE SHALL BE AS APPROVED AND DIRECTED BY THE ENGINEER.
18. THE EROSION AND SEDIMENT CONTROL SHOWN IN THE PLANS REPRESENT THE MINIMUM REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED BY THE ENGINEER OR REPRESENTATIVES OF REGULATORY OR PERMITTING AGENCIES. ANY EMERGENCY CONTROL MEASURES REQUESTED BY A REGULATORY OR PERMITTING AGENCY MUST BE INSTALLED IMMEDIATELY.

INSPECTION AND MAINTENANCE

1. THE CONTRACTOR AND ENGINEER MUST INSPECT DISTURBED AREAS, STORAGE AREAS, AND EROSION AND SEDIMENT CONTROL MEASURES AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A RAINFALL OF 0.5 INCHES OR MORE, OR A DISCHARGE DUE TO SNOW MELT OCCURS. INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS.
2. A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION. RETAIN RECORDS OF INSPECTIONS FOR REVIEW BY THE IEPA. SEE NPDES GENERAL PERMIT NO. ILR10 ISSUED BY THE ILLINOIS ENVIRONMENT PROTECTION AGENCY.
3. ADDITIONAL CONTROL MEASURES NEEDED OR CONTROLS NEEDING MODIFICATION AS A RESULT OF INSPECTIONS SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS OF THE INSPECTION.
4. ALL CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE GENERAL CONTRACTOR OR SUBCONTRACTOR. IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED WITHIN 24 HOURS OF THE INSPECTION REPORT.
5. SILT FENCE AND RECTANGULAR INLET PROTECTION - BUILT UP SEDIMENT SHALL BE REMOVED FROM FENCES WHEN IT HAS REACHED ONE HALF THE HEIGHT OF THE FENCE. FENCES WILL BE INSPECTED FOR DEPTH OF SEDIMENT AND TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. REPAIR FENCES AND POSTS AS NECESSARY.
6. DITCH CHECKS - INSPECT DITCH IF FLOW IS BEING IMPEDED BY SEDIMENT AND INSPECT STONE FOR EVIDENCE OF WASH OUT. REPLACE OR ADD STONE AS NECESSARY. BUILT UP SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED ONE HALF THE HEIGHT OF THE DAM OR DITCH CHECK. INSPECT FOR DEPTH OF SEDIMENT, TO SEE IF THE DEVICE IS EMBEDDED INTO THE GROUND AND IF STAKES ARE FIRMLY INTO THE GROUND.
7. STONE OUTLET STRUCTURE, INLET PROTECTION, CULVERT INLET PROTECTION - INSPECT FOR DEPTH OF SEDIMENT. SEDIMENT SHALL BE CLEANED OUT WHEN STRUCTURE IS 50% FULL AND ALSO AT THE END OF THE PROJECT. INSPECT RIP RAP FOR EVIDENCE OF WASHOUT. REPLACE OR ADD RIP RAP IF NECESSARY.
8. PERMANENT SEEDING AND MULCH - INSPECT SEEDED AREAS FOR BARE SPOTS, WASH OUTS, AND HEALTHY GROWTH. REPAIR BARE SPOTS AND WASHOUTS AS NECESSARY. PROVIDE MULCH FOR RE-SEEDED AREA.
9. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE - INSPECT FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING. REMOVE SEDIMENT AS NECESSARY.
10. STABILIZED CONSTRUCTION ENTRANCES - INSPECT ENTRANCES TO SEE IF SEDIMENT IS TRACKED ONTO ROAD. REPLACE OR ADD STONE AS NECESSARY.
11. FILTER FABRIC INLET PROTECTION - INSPECT FABRIC FOR TEARS AND REMOVE SEDIMENT WHEN FILTER IS ONE HALF FULL.
12. TEMPORARY RIP RAP AND AGGREGATE BERM - INSPECT RIP RAP FOR WASH OUT. REPAIR OR ADD RIP RAP AS NECESSARY.

WETLANDS AND WATERS OF THE U.S.

1. WETLAND AREAS OUTSIDE OF THE WORK ZONE ARE TO BE AVOIDED. IF THE CONTRACTOR SHOULD ENCROACH UPON ANY WETLAND AREA THAT IS NOT WITHIN THE CONSTRUCTION LIMITS AND/OR PERMITTED FOR IMPACT THROUGH THE USACE, THE CONTRACTOR IS SUBJECT TO FINES. CONTRACTOR SHALL NOTIFY RESIDENT ENGINEER IMMEDIATELY OF ANY WETLAND IMPACTS OUTSIDE OF THE WORK ZONE. IMPACT AREAS SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR WITH USACE COORDINATION.
2. ALL WETLANDS, WATERS OF THE U.S. AND OPEN WATER DETENTION FACILITIES ARE SUBJECT TO REVIEW AND APPROVAL BY RESOURCE AND REGULATORY AGENCIES. THOSE AGENCIES INCLUDE, BUT ARE NOT LIMITED TO THE ARMY CORPS OF ENGINEERS, THE ENVIRONMENTAL PROTECTION AGENCY, THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES, THE DUPAGE COUNTY STORMWATER MANAGEMENT AND THE COOK COUNTY DEPARTMENT OF ENVIRONMENTAL CONTROL.

DRAWN BY SA DATE 3/11/2018
 CHECKED BY AMB DATE 3/11/2018



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL AND LANDSCAPE
 GENERAL NOTES

SHT NO. EC01
 DRAWING NO.
 596 OF 1517

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TEMPORARY EROSION CONTROL SEQUENCE OF CONSTRUCTION

THE FOLLOWING EROSION CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO CLEARING AND GRADING.

1. INSTALL STABILIZED CONSTRUCTION ENTRANCES AT ALL LOCATIONS OF CONSTRUCTION INGRESS AND EGRESS TO ELIMINATE TRACKING OF SEDIMENT FROM CONSTRUCTION SITE INTO PUBLIC RIGHT-OF-WAYS. ALL STABILIZED CONSTRUCTION ENTRANCES MUST BE APPROVED BY THE ENGINEER.
2. ERECT SILT FENCES AS SHOWN ON THE EROSION CONTROL PLANS. INSTALL SUPER SILT FENCE FOR THE PROTECTION OF WETLANDS, WOUS AND OTHER SENSITIVE RECEPTORS WHERE NO INTRUSION IS TO OCCUR.
3. INSTALL CULVERT INLET PROTECTION AND ROCK CHECK DAMS AS SHOWN ON PLAN AND AS DIRECTED BY THE ENGINEER.
4. INSTALL TREE PROTECTION TO THE TREES SHOWN ON THE TEMPORARY EROSION CONTROL PLAN OR AS DIRECTED BY THE ENGINEER.
5. INSTALL RECTANGULAR INLET PROTECTION ON EXISTING OPEN LID STRUCTURES OUTSIDE THE PAVEMENT AREA AND FILTER FABRIC INLET PROTECTION ON EXISTING STRUCTURES WITHIN THE PAVED AREAS.

THE FOLLOWING EROSION CONTROL MEASURES ARE TO TAKE PLACE PRIOR TO MASS EARTHWORK.

1. INSTALL TEMPORARY DITCH CHECKS SHOWN ON PLANS IN EXISTING DITCHES BEFORE EARTHWORK IS TO BE CONDUCTED UPSTREAM.
2. INSTALL ROCK CHECK DAMS AND CULVERT INLET PROTECTION AT OUTLET LOCATIONS WHERE EXISTING DITCHES OUTLET INTO A CULVERT OR WATERS OF U.S.

THE FOLLOWING EROSION CONTROL MEASURES SHALL BE PROVIDED DURING CONSTRUCTION OF THE EMBANKMENTS AND STORM SEWER.

1. INSTALL TEMPORARY DITCH CHECKS IMMEDIATELY AFTER PROPOSED DITCH GRADING IS COMPLETE. DITCH CHECKS SHALL BE SPACED AS NOTED ON THE EROSION CONTROL PLANS.
2. INSTALL RECTANGULAR INLET AND PIPE PROTECTION, FILTER FABRIC INLET PROTECTION, AND CULVERT INLET PROTECTION AT ALL PROPOSED INLETS, CATCH BASINS AND UPSTREAM END OF CULVERTS IMMEDIATELY FOLLOWING CONSTRUCTION OF PROPOSED STORM SEWERS.

WITHIN 7 DAYS OF THE COMPLETION OF CLEARING OR GRADING OR WITHIN 14 DAYS OF LAST DISTURBANCE, THE FOLLOWING MEASURES SHALL BE ENFORCED.

1. PROVIDE TEMPORARY STABILIZATION WITH STRAW MULCH OVER DISTURBED AREAS WHERE NO FURTHER WORK IS TO OCCUR FOR 14 DAYS OR LONGER THAT CANNOT BE STABILIZED WITH PERMANENT VEGETATIVE MEASURES. THESE AREAS SHALL BE TREATED WITH PERMANENT VEGETATIVE COVER AT SOME FUTURE DATE.
2. PROVIDE PERMANENT SEEDING AND VEGETATION, AS SHOWN ON THE LANDSCAPE PLANS BEFORE REMOVAL OF THE TEMPORARY EROSION CONTROL MEASURES.

THE FOLLOWING MEASURES SHALL BE PROVIDED DURING THE CONTRACT ON AN AS NEEDED BASIS.

1. DUST CONTROL WATERING SHALL BE APPLIED TO CONTROL THE DUST RESULTING FROM CONSTRUCTION OPERATIONS.
2. STREET CLEANING AND SWEEPING SHALL BE PERFORMED ON EACH WORKDAY, AS REQUIRED AND DIRECTED AND APPROVED BY THE ENGINEER. COST FOR THIS WORK WILL BE INCIDENTAL TO THE CONTRACT.

LANDSCAPE

THE TREE LOCATIONS SHALL BE FLAGGED ON SITE AND LOCATIONS INSPECTED BY THE TOLLWAY LANDSCAPE ARCHITECT PRIOR TO DIGGING OR PLACING MATERIAL ON SITE.

IN-STREAM OR STREAMSIDE NOTES

1. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR CRITICAL THE PLAN WILL BE DESIGNED TO ALLOW FOR THE CONVEYANCE OF THE 2-YEAR PEAK FLOW PAST THE WORK AREA WITHOUT OVERTOPPING THE COFFERDAM. THE CORPS HAS THE DISCRETION TO REDUCE THIS REQUIREMENT IF DOCUMENTED BY THE APPLICANT TO BE INFEASIBLE OR UNNECESSARY.
5. WATER SHALL BE ISOLATED FROM THE IN-STREAM WORK AREA USING A COFFERDAM CONSTRUCTED OF NON-ERODIBLE MATERIALS (STEEL SHEETS, AQUA BARRIERS, RIP RAP AND GEOTEXTILE LINER, ETC.). EARTHEN COFFERDAMS ARE NOT PERMISSIBLE.
6. THE COFFERDAM MUST BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER FLOWING WATER AT ANY TIME. IF THE INSTALLATION OF THE COFFERDAM CANNOT BE COMPLETED FROM SHORE AND ACCESS IS NEEDED TO REACH THE AREA TO BE COFFERED, OTHER MEASURES, SUCH AS THE CONSTRUCTION OF A CAUSEWAY, WILL BE NECESSARY TO ENSURE THAT EQUIPMENT DOES NOT ENTER THE WATER. ONCE THE COFFERDAM IS IN PLACE AND THE ISOLATED AREA IS DEWATERED, EQUIPMENT MAY ENTER THE COFFERED AREA TO PERFORM THE REQUIRED WORK.
7. IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT-LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES.
8. DURING DEWATERING OF THE COFFERED WORK AREA, ALL SEDIMENT-LADEN WATER MUST BE FILTERED TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS SYSTEMS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED IN THE PLAN. DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY.
9. THE AREA FROM THE TOE TO THE TOP OF THE SIDE SLOPE SHALL BE TEMPORARILY STABILIZED DURING CONSTRUCTION TO REDUCE THE POTENTIAL FOR EROSION. ALL AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO PROPOSED CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS.
10. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE TOLLWAY. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR SHALL SUBMIT AN IN-STREAM WORK PLAN (ISWP) TO THE COMMISSIONER & USACE FOR APPROVAL. THE ISWP MUST BE APPROVED IN WRITING BY THE RESIDENT ENGINEER AND USACE PRIOR TO THE COMMENCEMENT OF IN STREAM WORK. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR INCLUDING REQUIRED BMP'S NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS AND TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE COST OF STORM SEWERS TO BE CLEANED, BOX CULVERT, OF THE SIZE SPECIFIED.
11. THE ISWP, INSTALLATION AND MAINTENANCE OF BEST MANAGEMENT PRACTICES (BMP'S) SPECIFIED IN THE ISWP ARE NOT MEASURED FOR PAYMENT BUT IS INCLUDED IN THE COST OF THE CULVERT CLEANING.

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CHECKED BY	AMB	DATE	3/11/2018

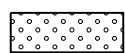
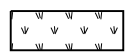
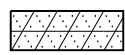












REVISIONS		
NO.	DATE	DESCRIPTION










CONTRACT NO. RR-16-4255
EROSION CONTROL AND LANDSCAPE GENERAL NOTES

SHT NO. EC02
DRAWING NO. 597 OF 1517

LEGEND:

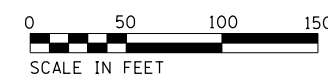
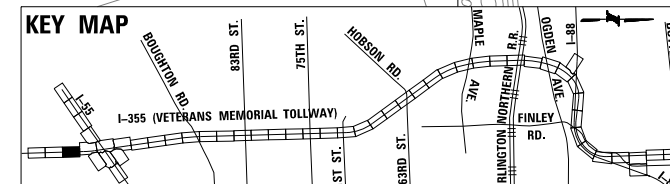
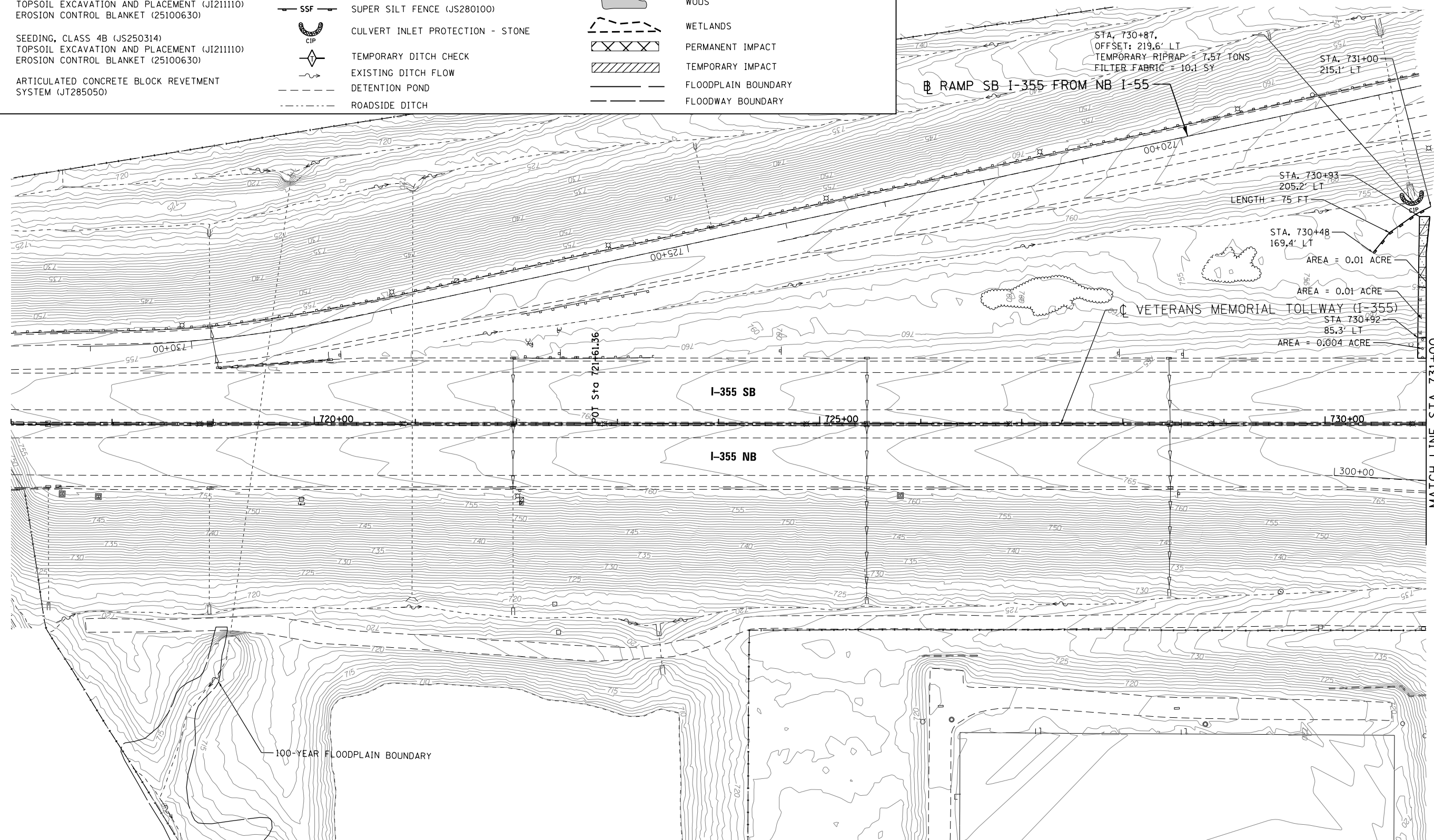
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TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630)
-  SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630)
-  SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630)
-  ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050)

-  FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210)
-  RECTANGULAR INLET PROTECTION (JS280180)
-  SILT FENCE (JS280050)
-  SUPER SILT FENCE (JS280100)
-  CULVERT INLET PROTECTION - STONE
CIP
-  TEMPORARY DITCH CHECK
-  EXISTING DITCH FLOW
-  DETENTION POND
-  ROADSIDE DITCH

-  STABILIZED CONSTRUCTION ENTRANCE
-  TREE
-  NON-ERODIBLE COFFERDAM
-  WOU
-  WETLANDS
-  PERMANENT IMPACT
-  TEMPORARY IMPACT
-  FLOODPLAIN BOUNDARY
-  FLOODWAY BOUNDARY

NOTES:

1. FOR EROSION CONTROL AND LANDSCAPING SCHEDULES, SEE SHEETS EC47 AND EC48.
2. TABLE HAS BEEN PROVIDED ON SHEETS TO SHOW LOCATIONS OF PROPOSED SUPERSILT FENCE.



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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

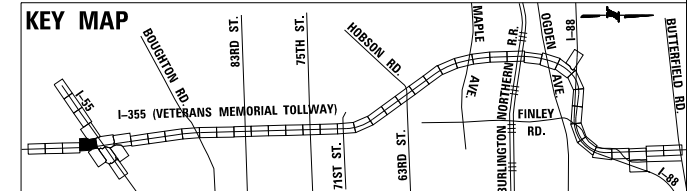
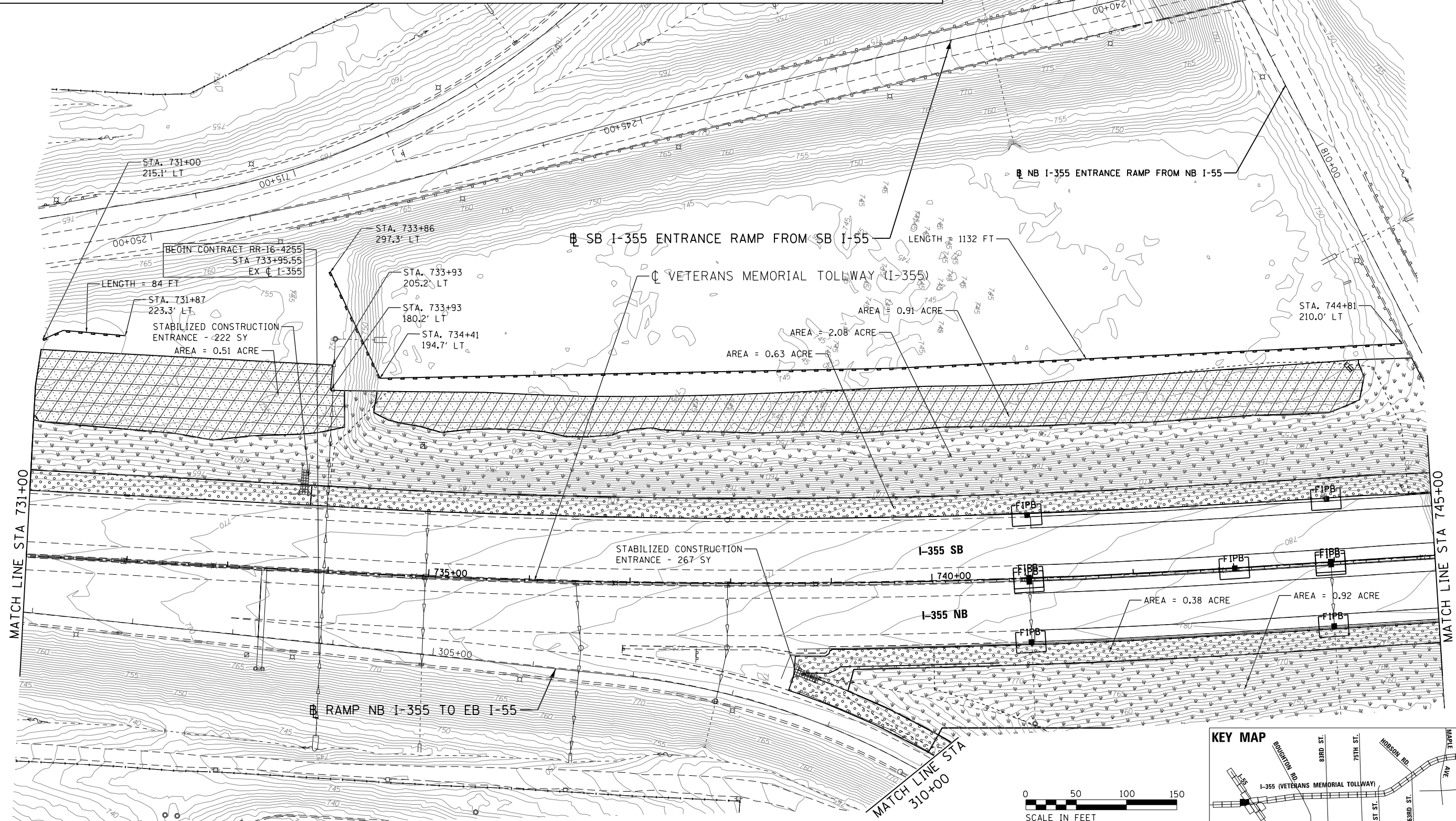
CONTRACT NO. RR-16-4255
EROSION CONTROL & LANDSCAPE PLAN
STA. 717+00 - STA. 731+00

SHT NO. EC03
DRAWING NO.
598 OF 1517

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LEGEND:

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|--|--|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220) | | FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | SEEDING, CLASS 4F (JS250318) | | SUPER SILT FENCE (JS280100) | | WOU |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | EROSION CONTROL BLANKET (25100630) | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | SEEDING, CLASS 4B (JS250314) | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | EROSION CONTROL BLANKET (25100630) | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |
| | ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050) | | | | |



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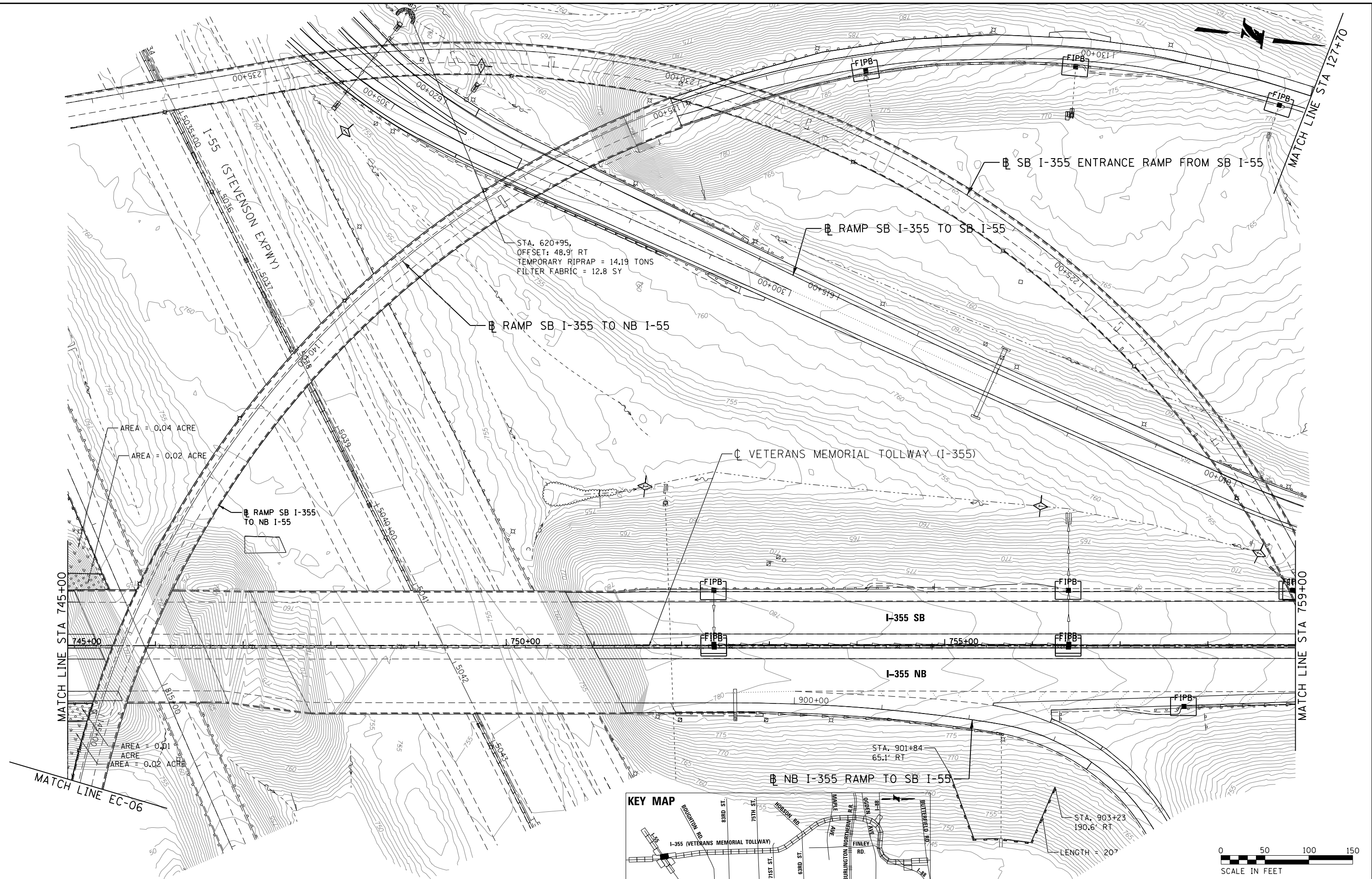
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 731+00 - STA 745+00

SHT NO. EC04
 DRAWING NO.
 599 OF 1517

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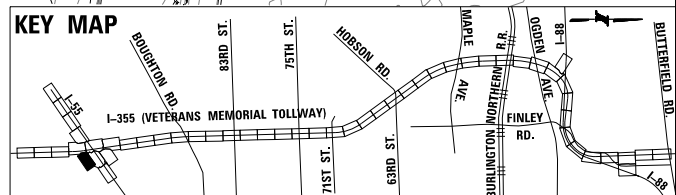
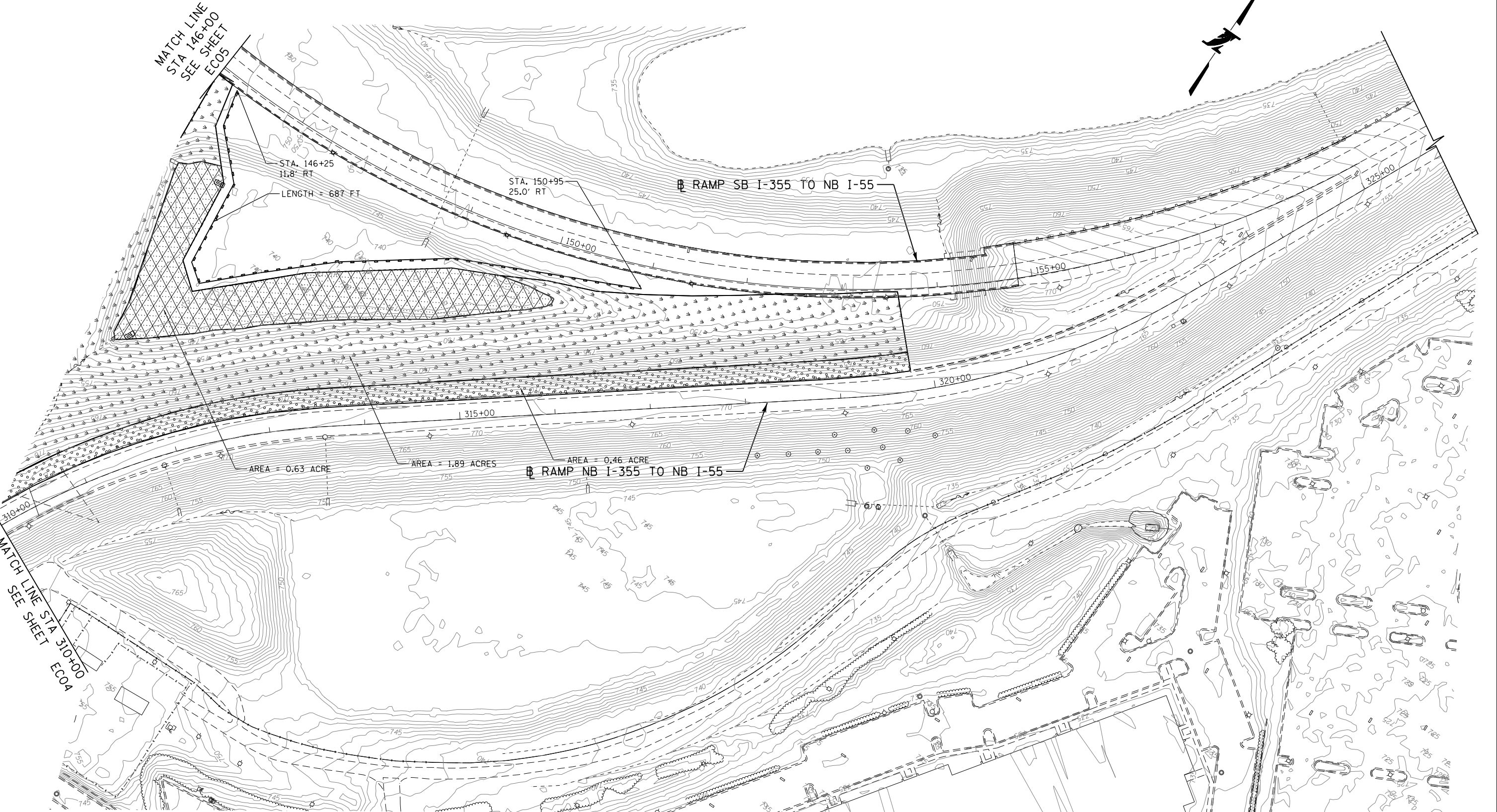
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 745+00 - STA 759+00

SHT NO. EC05
 DRAWING NO.
 600 OF 1517

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REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
EROSION CONTROL & LANDSCAPE PLAN
I-55

SHT NO. EC06
DRAWING NO.
601 OF 1517

MATCH LINE SEE SHEET EC09

NO EROSION CONTROL WORK SHOWN ON THIS SHEET

Ø NB I-355 RAMP TO SB I-55

I-55 (STEVENSON EXPWY)

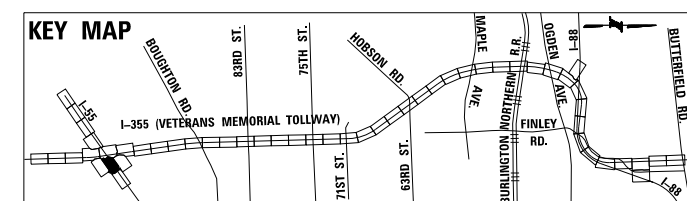
Ø NB I-355 ENTRANCE RAMP FROM NB I-55

MATCH LINE SEE SHEET EC05

MATCH LINE STA 5058+00

5044 5045+00 5046 5047 5048 5049 5050+00 5051 5052 5053 5054 5055+00 5056 5057

820+00



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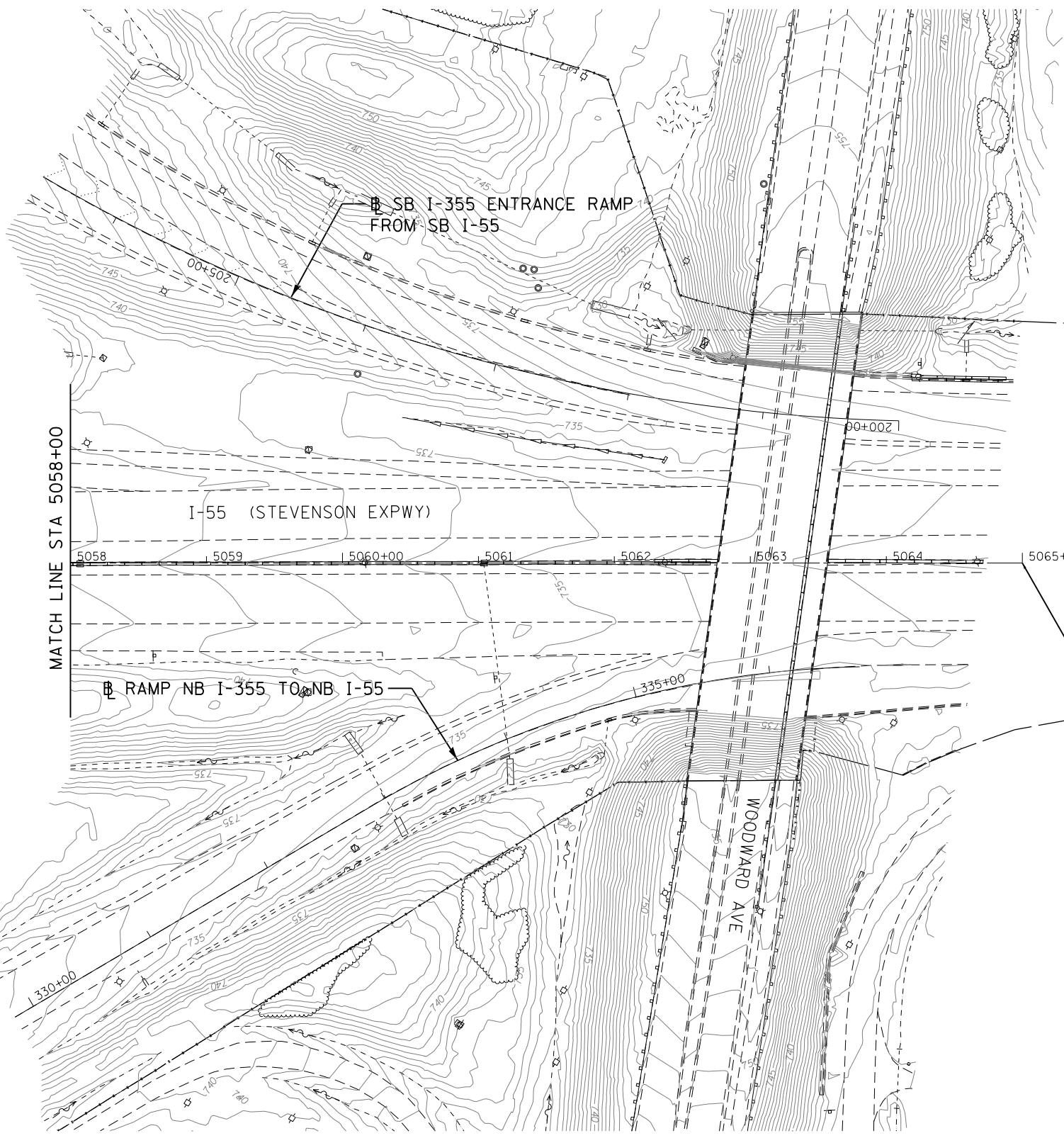
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
EROSION CONTROL & LANDSCAPE PLAN
I-55

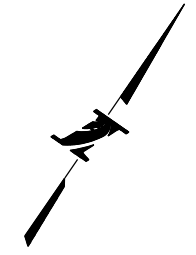
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DRAWING NO.
602 OF 1517

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NO EROSION CONTROL WORK
SHOWN ON THIS SHEET



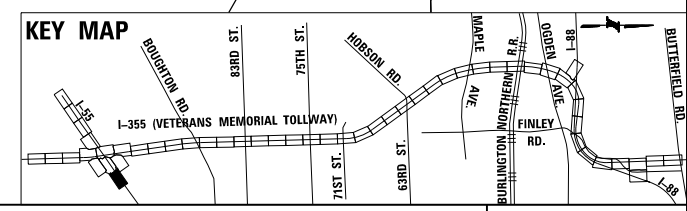
MATCH LINE STA 5058+00

I-55 (STEVENSON EXPWY)

RAMP NB I-355 TO NB I-55

WOODWARD AVE

STEVENSON EXPRESSWAY (I-55)



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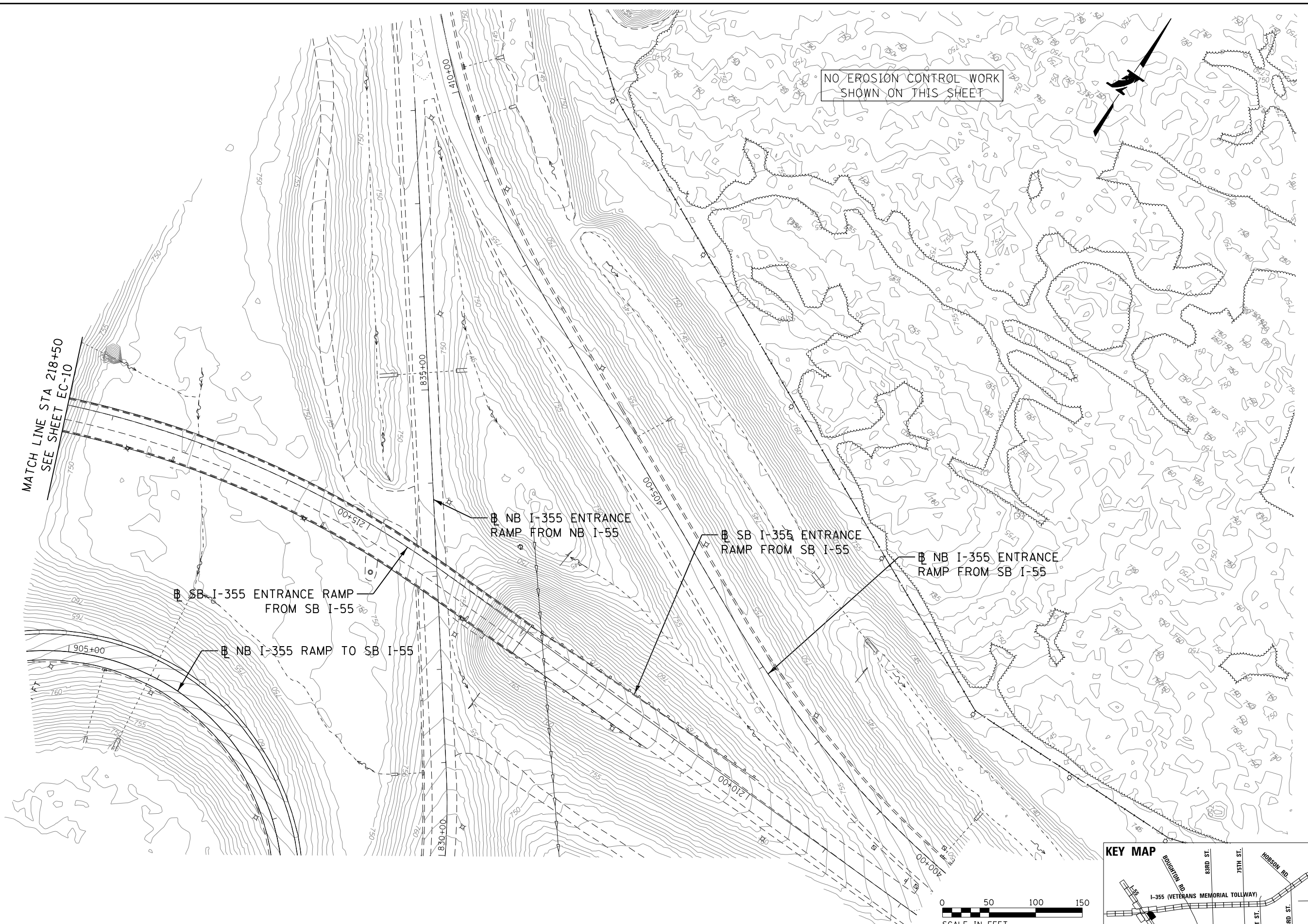
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 I-55

SHT NO. EC08
 DRAWING NO.
 603 OF 1517

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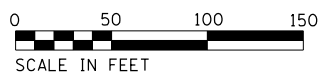
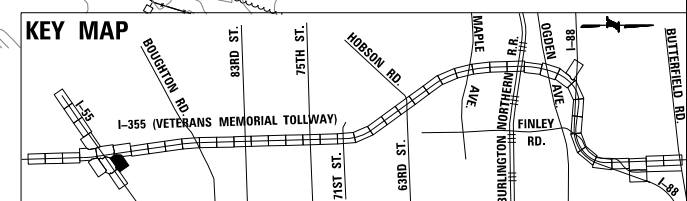


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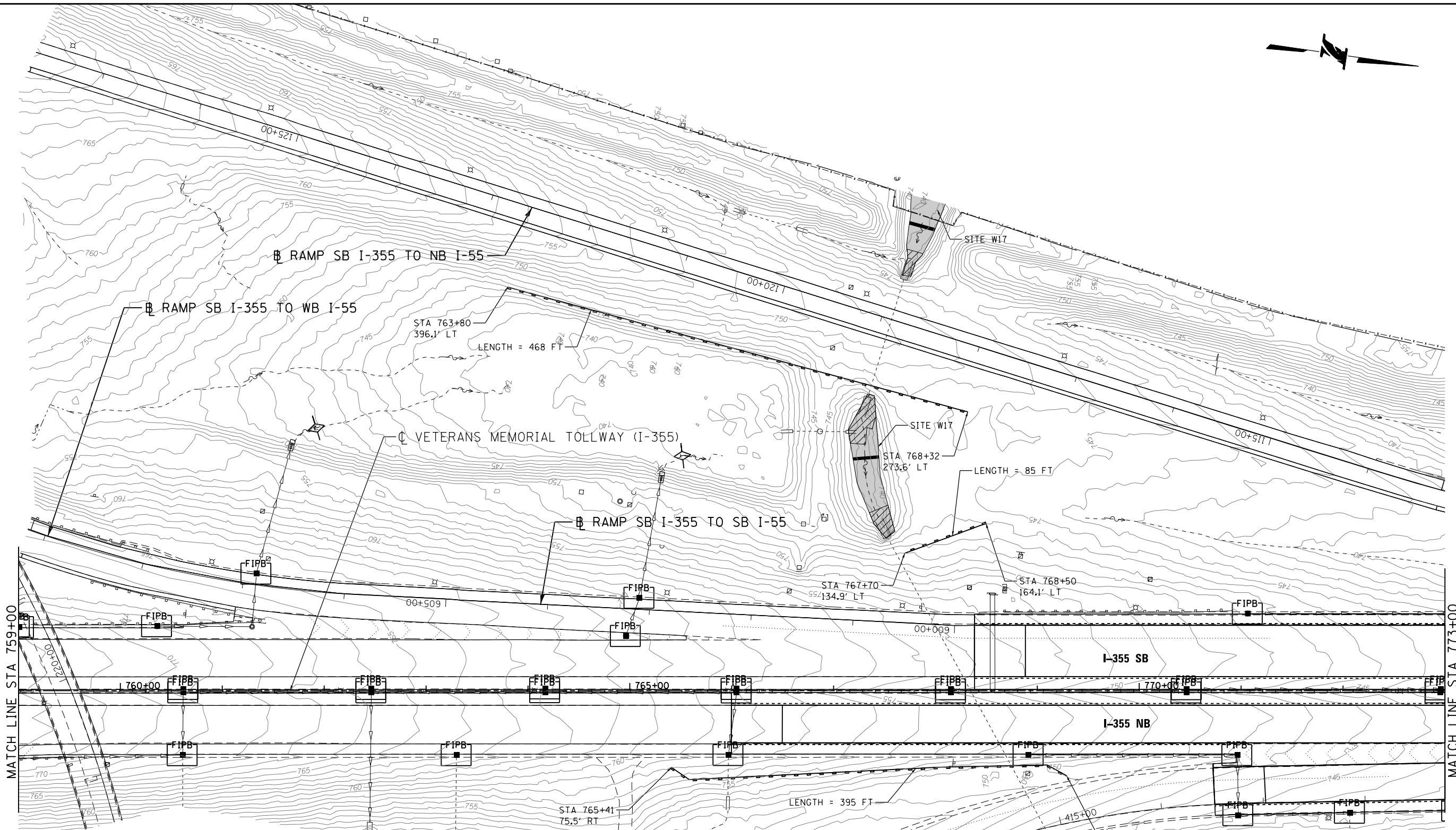
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

NO.	DATE	REVISIONS	
			DESCRIPTION



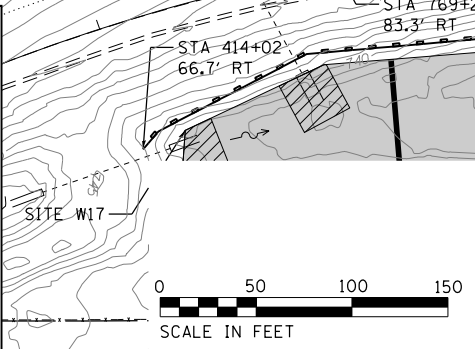
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 EROSION CONTROL & LANDSCAPE PLAN
 I-55

SHT NO. EC09
 DRAWING NO.
 604 OF 1517

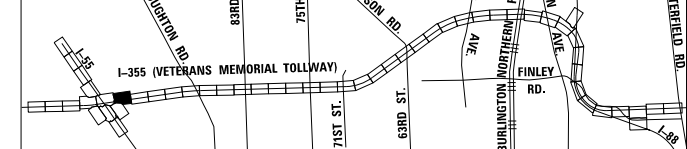


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| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FIPB FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RIP RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SSF SUPER SILT FENCE (JS280100) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | CIP CULVERT INLET PROTECTION - STONE | | WOUS |
| | | | TDC TEMPORARY DITCH CHECK | | WETLANDS |
| | | | EDF EXISTING DITCH FLOW | | PERMANENT IMPACT |
| | | | DP DETENTION POND | | TEMPORARY IMPACT |
| | | | RD Roadside Ditch | | FLOODPLAIN BOUNDARY |
| | | | | | FLOODWAY BOUNDARY |



KEY MAP



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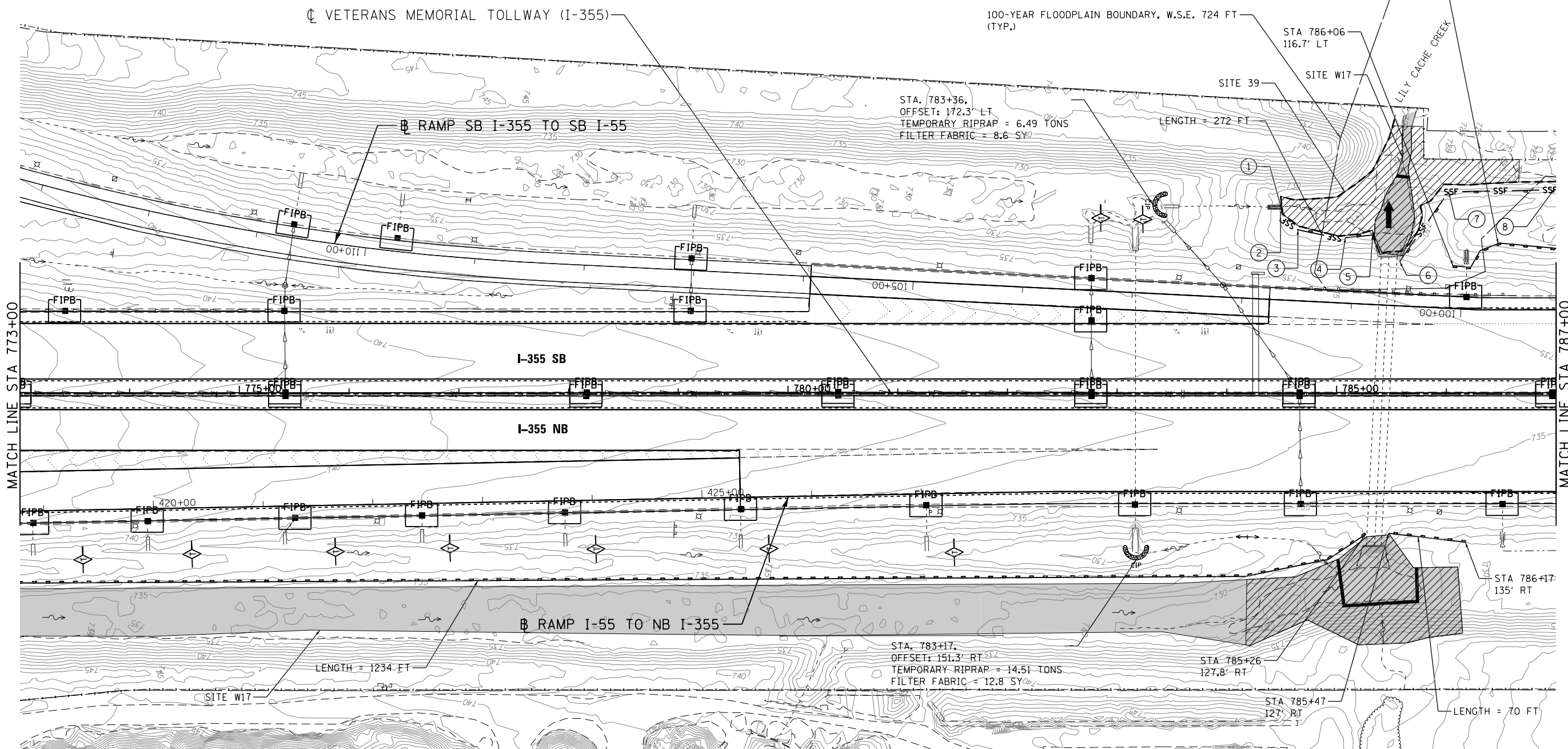
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 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 759+00 - STA 773+00

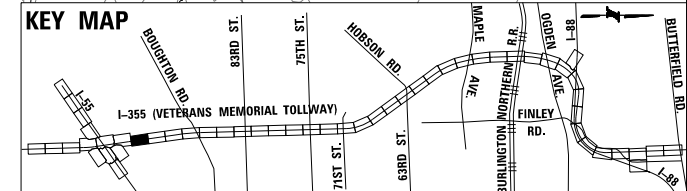
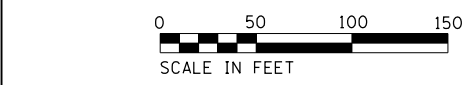
SHT NO. EC10
 DRAWING NO.
 605 OF 1517

POINT NUMBER	STATION	OFFSET
1	784+50	-168.3
2	784+49	-161.6
3	784+65	-149.7
4	785+08	-142.4
5	785+33	-144.7
6	785+58	-120.8
7	786+02	-184.2
8	786+98	-186.1



LEGEND:

- | | | | | | |
|--|---|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FIPB FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RIP RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | SSF SUPER SILTY FENCE (JS280100) | | WOUS |
| | | | CIP CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | | | TD TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | | | ED EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | | | DP DETENTION POND | | FLOODPLAIN BOUNDARY |
| | | | RD ROADSIDE DITCH | | FLOODWAY BOUNDARY |



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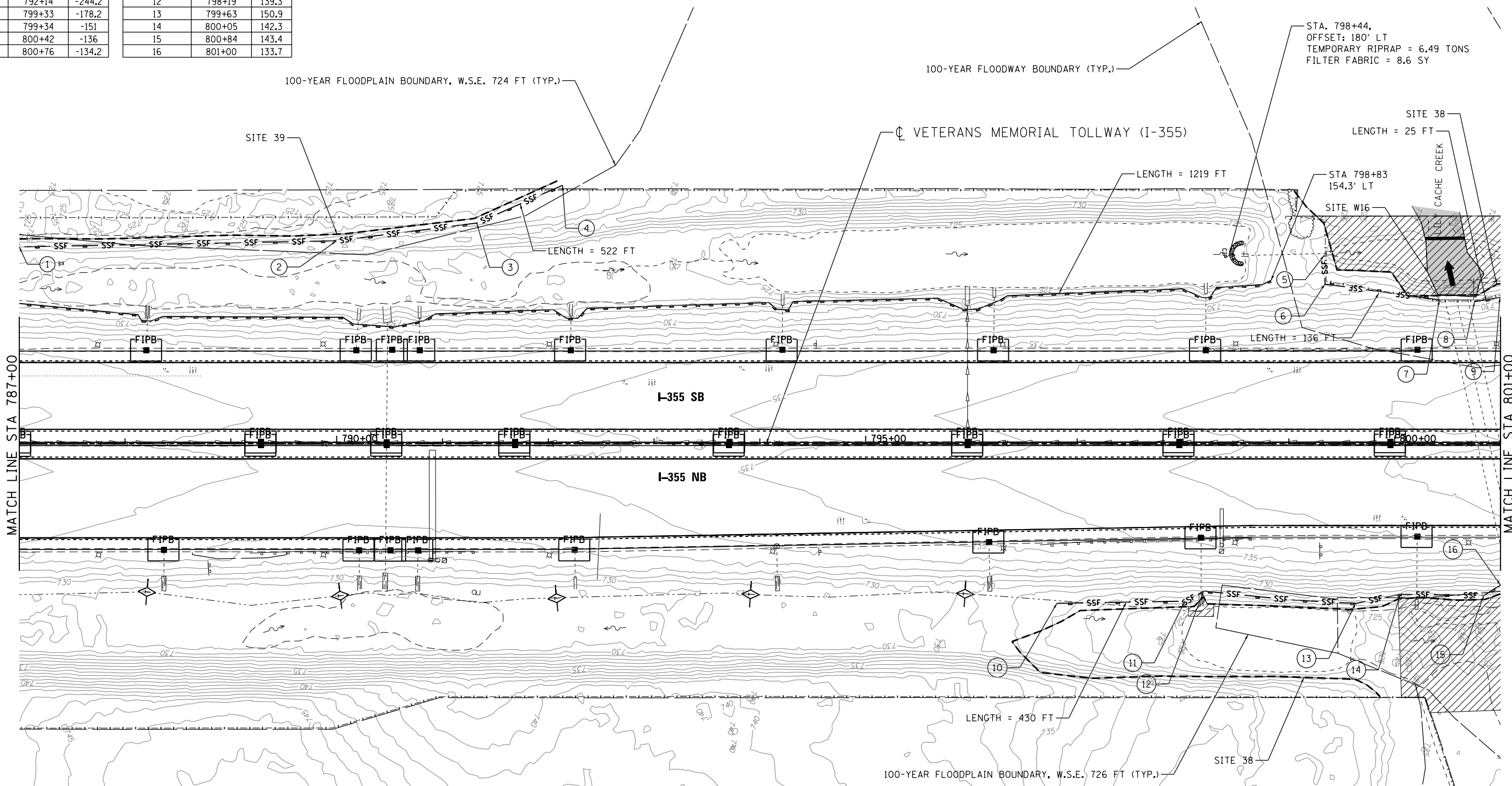
2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 773+00 - STA 787+00

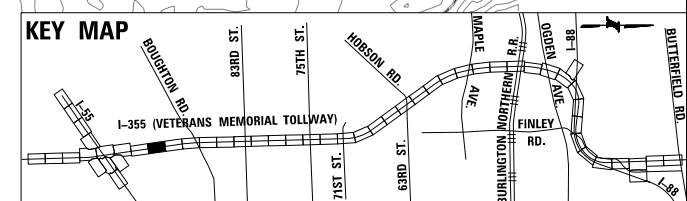
SHT NO. EC11
 DRAWING NO.
 606 OF 1517

POINT NUMBER	STATION	OFFSET	POINT NUMBER	STATION	OFFSET
1	787+00	-186	9	800+99	-138.3
2	790+00	-191.8	10	796+81	150.9
3	791+32	-208.6	11	798+02	148.9
4	792+14	-244.2	12	798+19	139.3
5	799+33	-178.2	13	799+63	150.9
6	799+34	-151	14	800+05	142.3
7	800+42	-136	15	800+84	143.4
8	800+76	-134.2	16	801+00	133.7



LEGEND:

- | | | | | | |
|--|---|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FIPB FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RIPB RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SSF SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | SSF SUPER SILT FENCE (JS280100) | | WOUS |
| | | | CIP CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | | | TDC TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | | | EDF EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | | | DP DETENTION POND | | FLOODPLAIN BOUNDARY |
| | | | RD Roadside Ditch | | FLOODWAY BOUNDARY |



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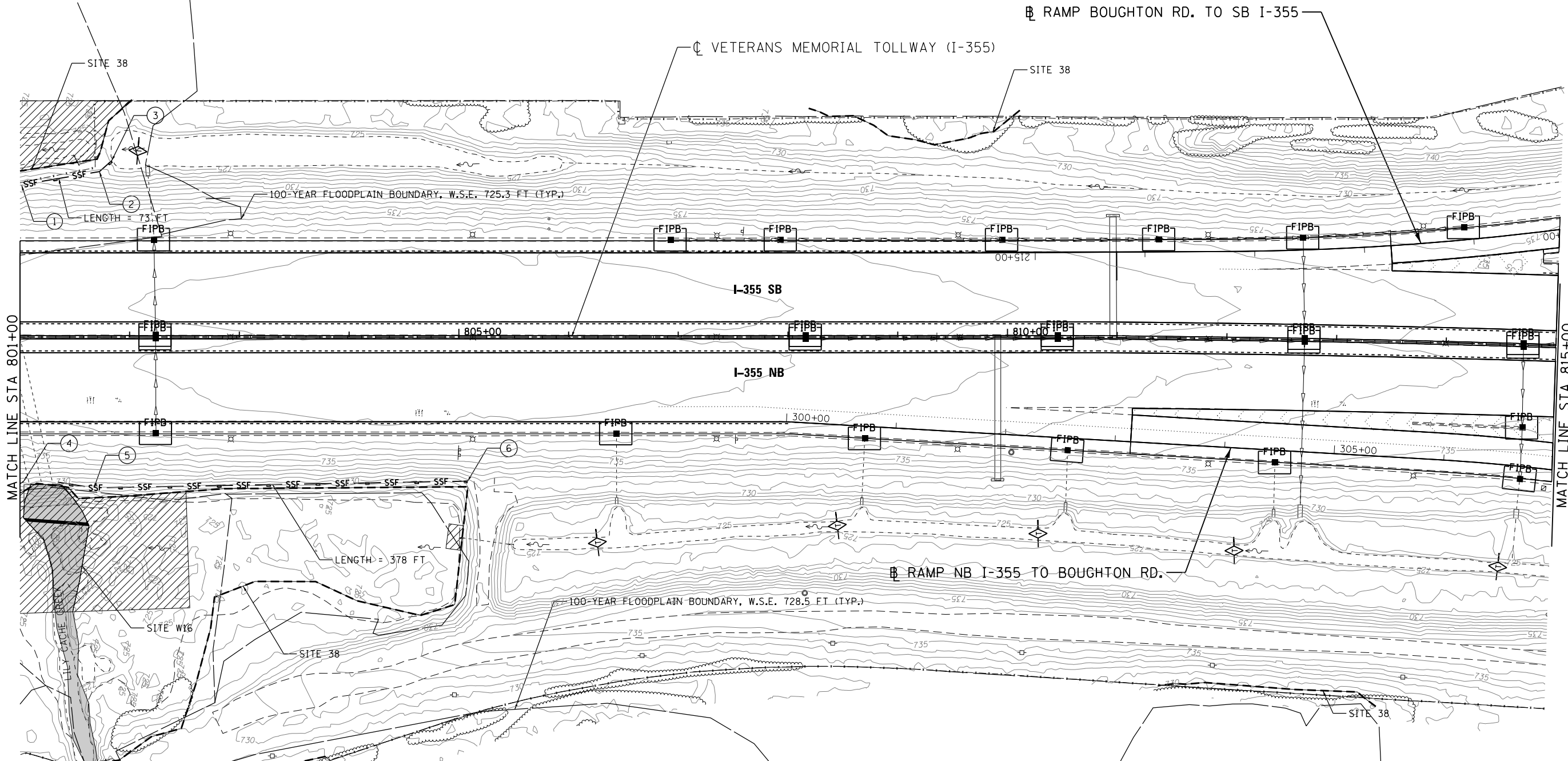
2700 OGDEN AVENUE
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 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 787+00 - STA 801+00

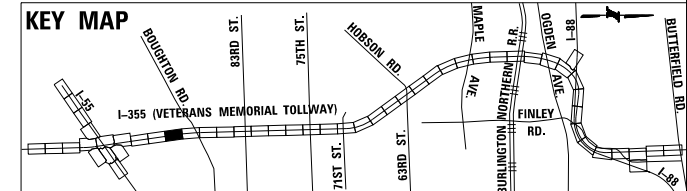
SHT NO. EC12
 DRAWING NO.
 607 OF 1517

POINT NUMBER	STATION	OFFSET
1	801+02	-138.2
2	801+73	-150.8
3	801+84	-160.6
4	801+03	131.5
5	801+67	137.5
6	805+08	131.3



LEGEND:

- | | | | | | |
|--|--|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220) | | FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | SEEDING, CLASS 4F (JS250318) | | SUPER SILT FENCE (JS280100) | | WOUS |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | EROSION CONTROL BLANKET (25100630) | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | SEEDING, CLASS 4B (JS250314) | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | EROSION CONTROL BLANKET (25100630) | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050) | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |



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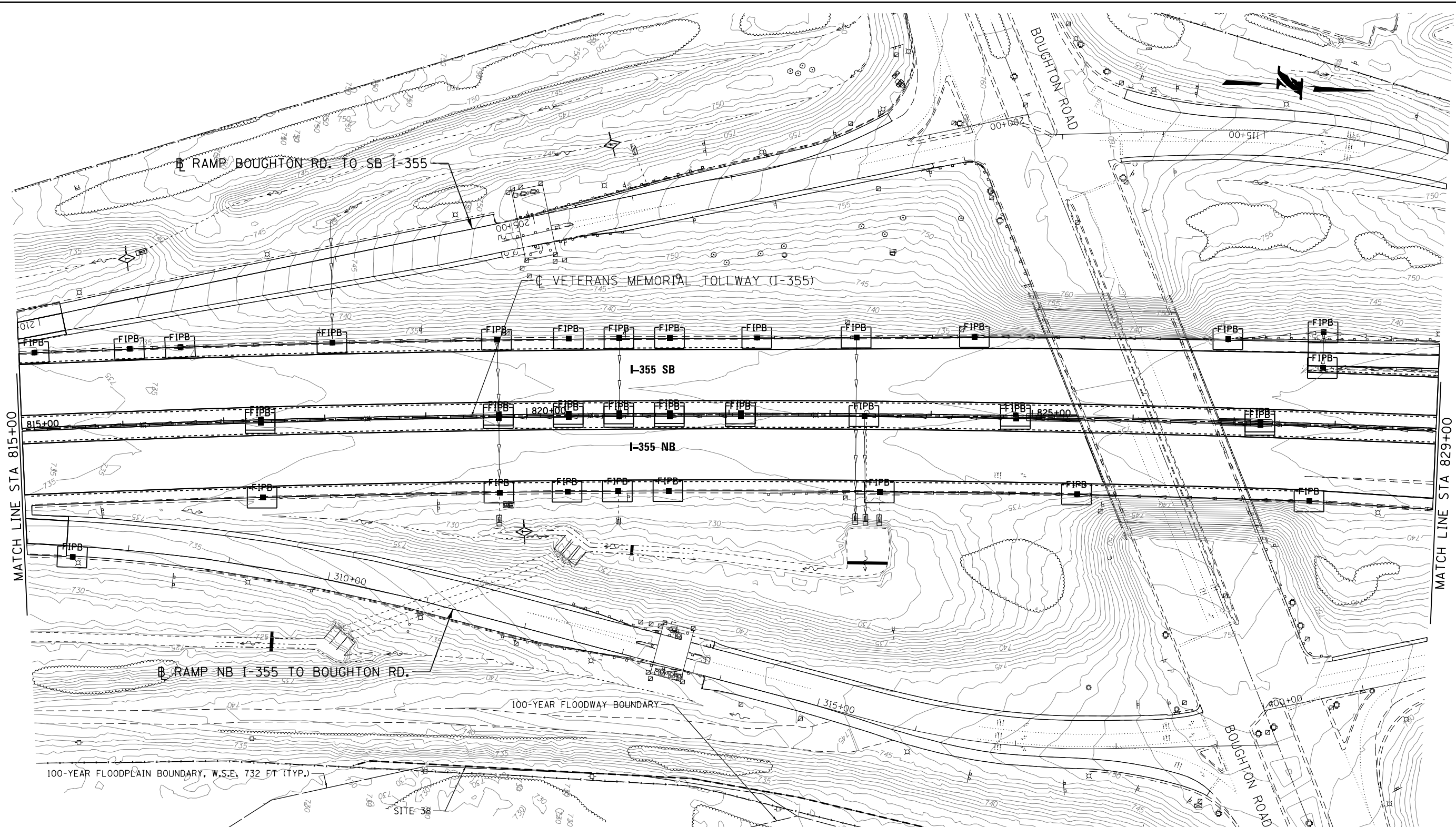


THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

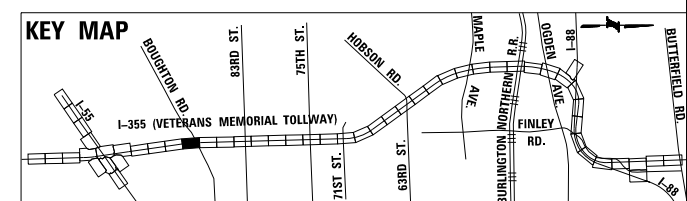
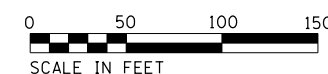
REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 801+00 - STA 815+00
 SHT NO. EC13
 DRAWING NO. 608 OF 1517

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LEGEND:	
	SEEDING, CLASS 2E (JS250220) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)
	SEEDING, CLASS 4F (JS250318) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)
	SEEDING, CLASS 4B (JS250314) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)
	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050)
	FIPB FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210)
	RIP RECTANGULAR INLET PROTECTION (JS280180)
	SSF SILT FENCE (JS280050) SSF SUPER SILT FENCE (JS280100)
	CIP CULVERT INLET PROTECTION - STONE
	TEMPORARY DITCH CHECK
	EXISTING DITCH FLOW
	DETENTION POND
	ROADSIDE DITCH
	STABILIZED CONSTRUCTION ENTRANCE
	TREE
	NON-ERODIBLE COFFERDAM
	WOU
	WETLANDS
	PERMANENT IMPACT
	TEMPORARY IMPACT
	FLOODPLAIN BOUNDARY
	FLOODWAY BOUNDARY



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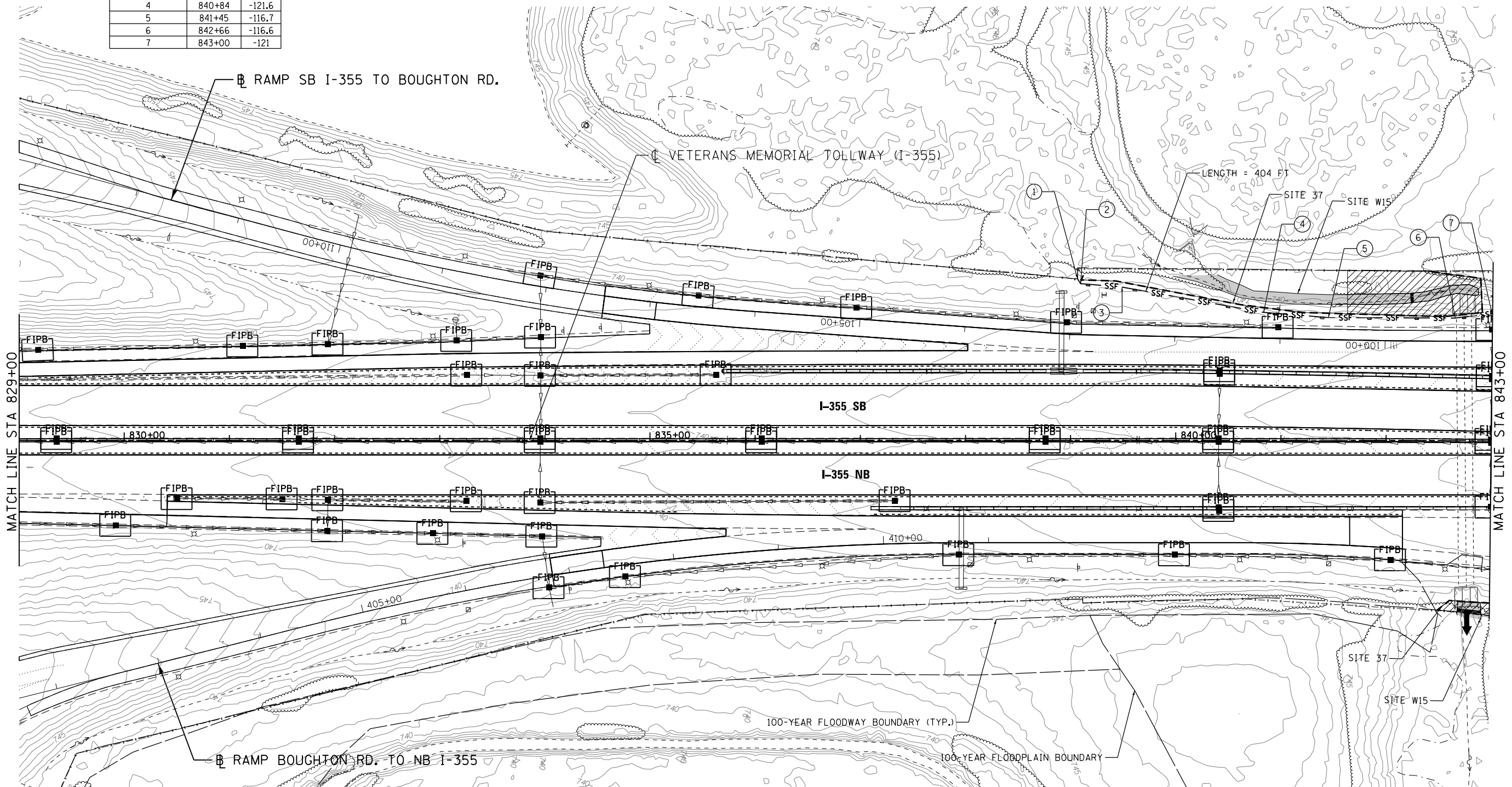


REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 815+00 - STA 829+00

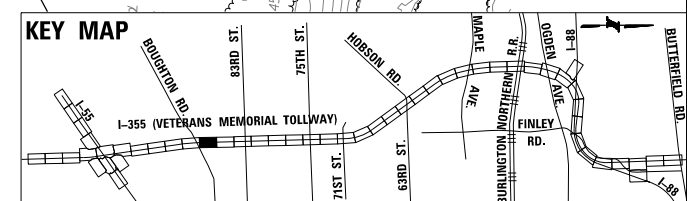
SHT NO. EC14
 DRAWING NO.
 609 OF 1517

POINT NUMBER	STATION	OFFSET
1	839+07	-153.5
2	839+09	-148.9
3	839+49	-145.7
4	840+84	-121.6
5	841+45	-116.7
6	842+66	-116.6
7	843+00	-121



LEGEND:

- | | | | | | |
|--|---|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FIPB FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RIP RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | SSF SUPER SILT FENCE (JS280100) | | WOUS |
| | | | CIP CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |



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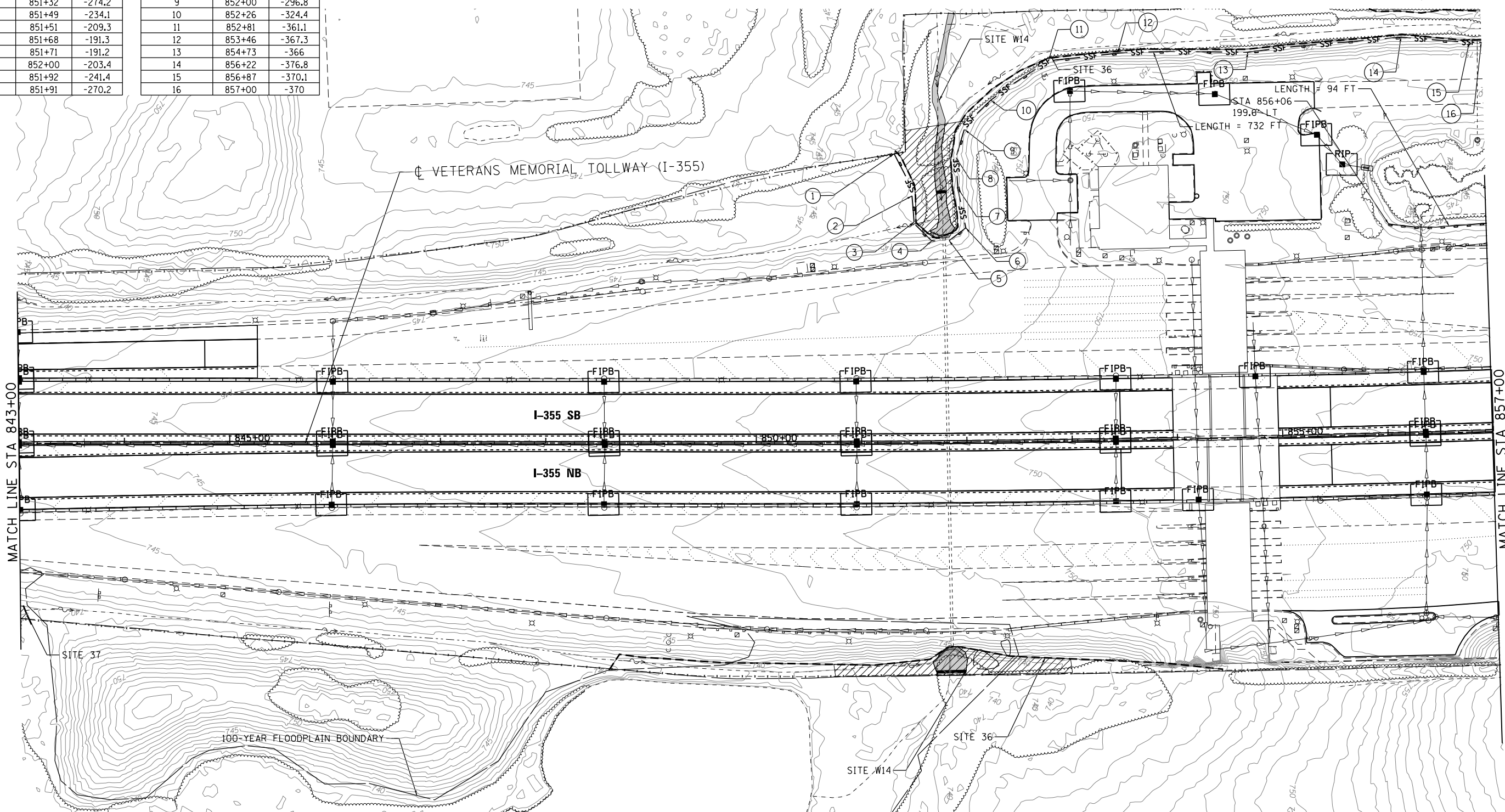
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

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 EROSION CONTROL & LANDSCAPE PLAN
 STA 829+00 - STA 843+00

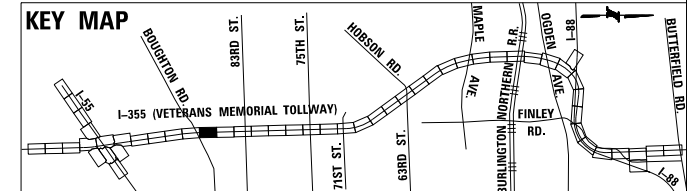
SHT NO. EC15
 DRAWING NO.
 610 OF 1517

POINT NUMBER	STATION	OFFSET	POINT NUMBER	STATION	OFFSET
1	851+32	-274.2	9	852+00	-296.8
2	851+49	-234.1	10	852+26	-324.4
3	851+51	-209.3	11	852+81	-361.1
4	851+68	-191.3	12	853+46	-367.3
5	851+71	-191.2	13	854+73	-366
6	852+00	-203.4	14	856+22	-376.8
7	851+92	-241.4	15	856+87	-370.1
8	851+91	-270.2	16	857+00	-370



LEGEND:

- | | | | | | |
|--|--|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220) | | FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | SEEDING, CLASS 4F (JS250318) | | SUPER SILT FENCE (JS280100) | | WOUS |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | EROSION CONTROL BLANKET (25100630) | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | SEEDING, CLASS 4B (JS250314) | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | EROSION CONTROL BLANKET (25100630) | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |
| | ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050) | | | | |



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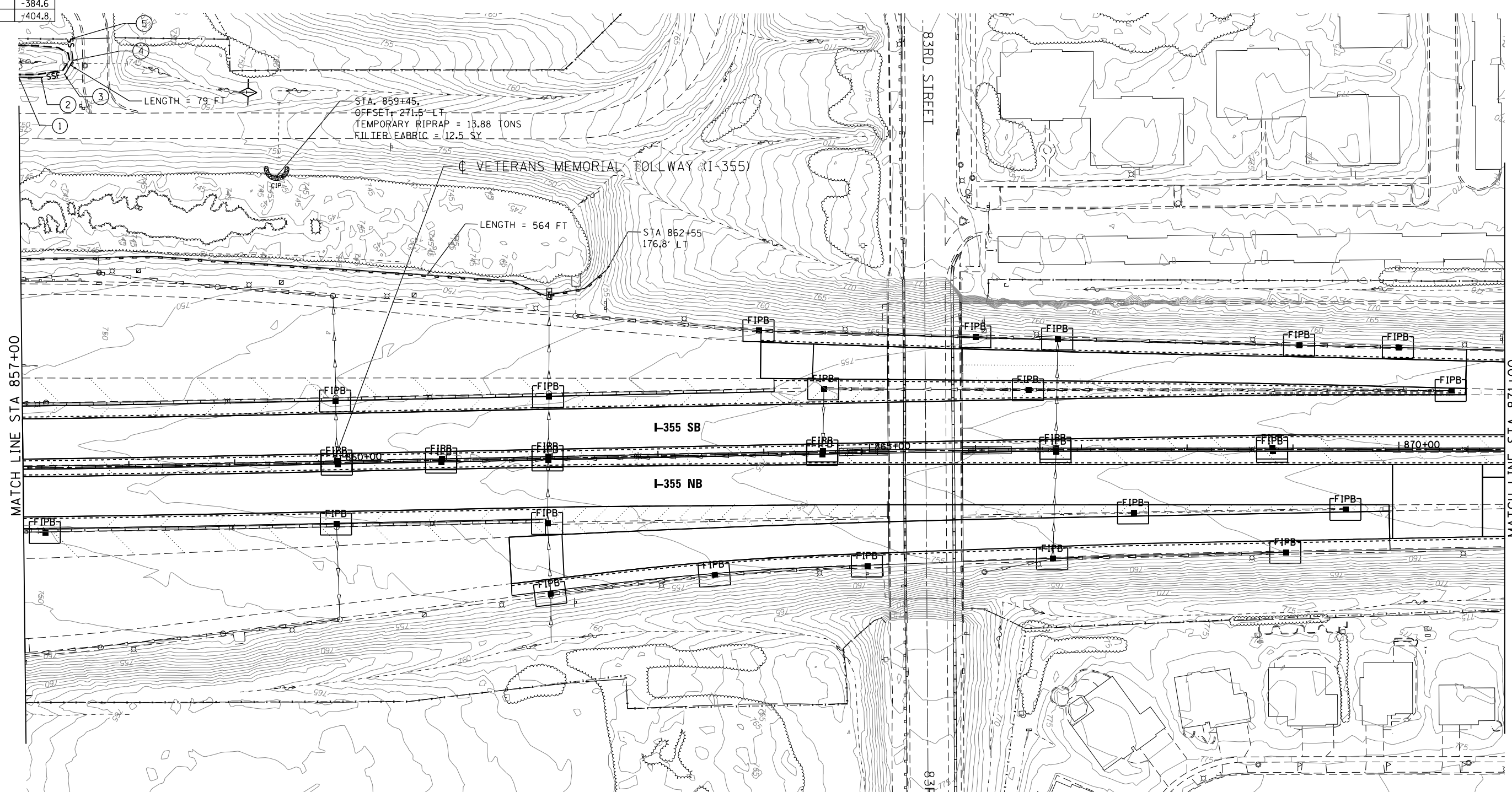
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 843+00 - STA 857+00

SHT NO. EC16
 DRAWING NO.
 611 OF 1517

POINT NUMBER	STATION	OFFSET
1	857+00	-369.5
2	857+21	-368.6
3	857+43	-371.6
4	857+51	-384.6
5	857+49	+404.8



LEGEND:

- | | | | | | |
|--|--|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220) | | FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | SEEDING, CLASS 4F (JS250318) | | SUPER SILT FENCE (JS280100) | | WOUS |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | EROSION CONTROL BLANKET (25100630) | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | SEEDING, CLASS 4B (JS250314) | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | EROSION CONTROL BLANKET (25100630) | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |
| | ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050) | | | | |

SCALE IN FEET

KEY MAP

DRAWN BY SA DATE 3/11/2018
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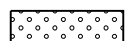

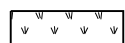
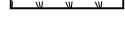
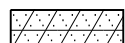
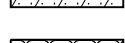

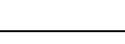


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 ILLINOIS 60515










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NO.	DATE	DESCRIPTION










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 STA 857+00 - STA 871+00

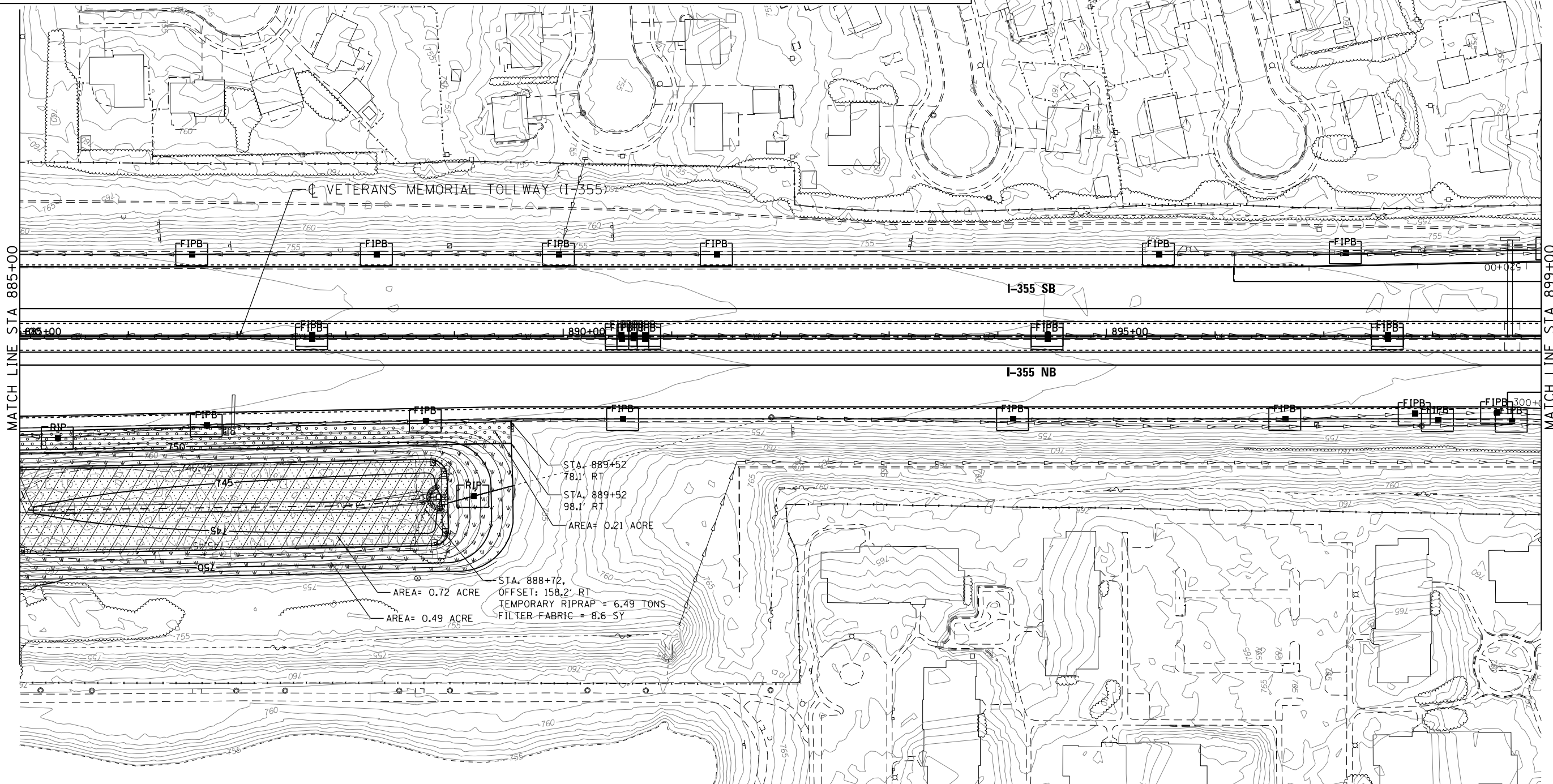
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 DRAWING NO.
 612 OF 1517

LEGEND:

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-  TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
-  EROSION CONTROL BLANKET (25100630)
-  SEEDING, CLASS 4F (JS250318)
-  TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
-  EROSION CONTROL BLANKET (25100630)
-  SEEDING, CLASS 4B (JS250314)
-  TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
-  EROSION CONTROL BLANKET (25100630)
-  ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050)

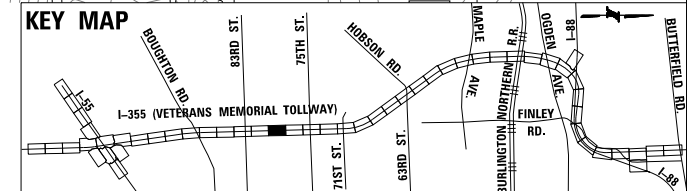
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-  RECTANGULAR INLET PROTECTION (JS280180)
-  SILT FENCE (JS280050)
-  SUPER SILT FENCE (JS280100)
-  CULVERT INLET PROTECTION - STONE
-  TEMPORARY DITCH CHECK
-  EXISTING DITCH FLOW
-  DETENTION POND
-  ROADSIDE DITCH

-  STABILIZED CONSTRUCTION ENTRANCE
-  TREE
-  NON-ERODIBLE COFFERDAM
-  WOU
-  WETLANDS
-  PERMANENT IMPACT
-  TEMPORARY IMPACT
-  FLOODPLAIN BOUNDARY
-  FLOODWAY BOUNDARY



MATCH LINE STA 885+00

MATCH LINE STA 899+00



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2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661



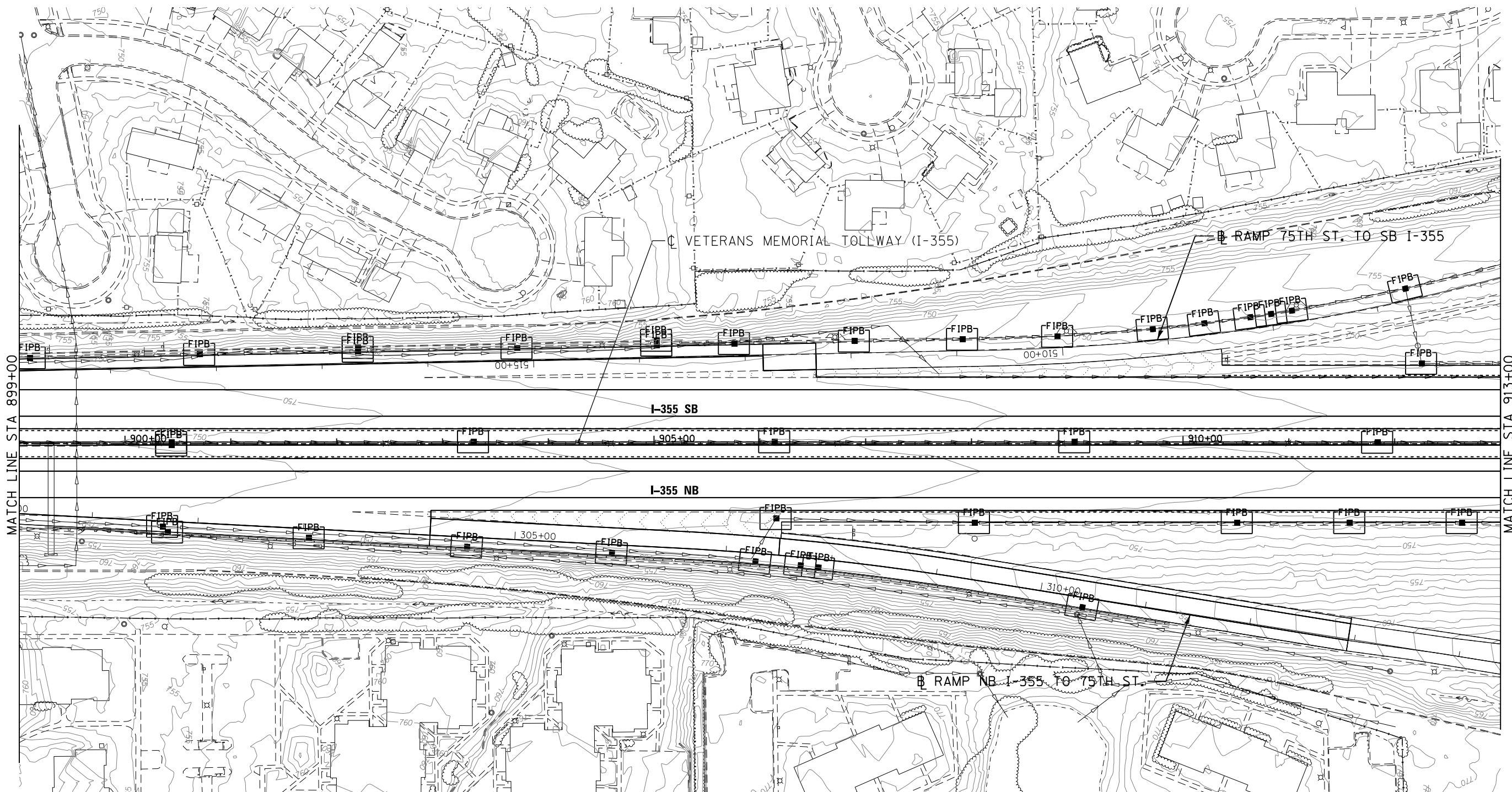
2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 885+00 - STA 899+00

SHT NO. EC19
 DRAWING NO.
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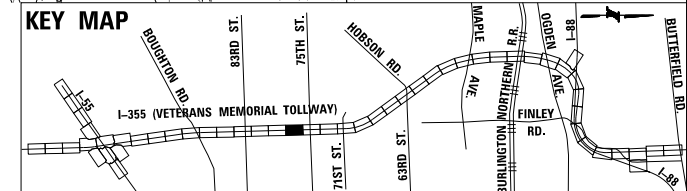


MATCH LINE STA 899+00

MATCH LINE STA 913+00

LEGEND:

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TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FIPB FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RIP RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SSF SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | CIP CULVERT INLET PROTECTION - STONE | | WOUS |
| | | | TD TEMPORARY DITCH CHECK | | WETLANDS |
| | | | ED EXISTING DITCH FLOW | | PERMANENT IMPACT |
| | | | DP DETENTION POND | | TEMPORARY IMPACT |
| | | | RD ROADSIDE DITCH | | FLOODPLAIN BOUNDARY |
| | | | | | FLOODWAY BOUNDARY |



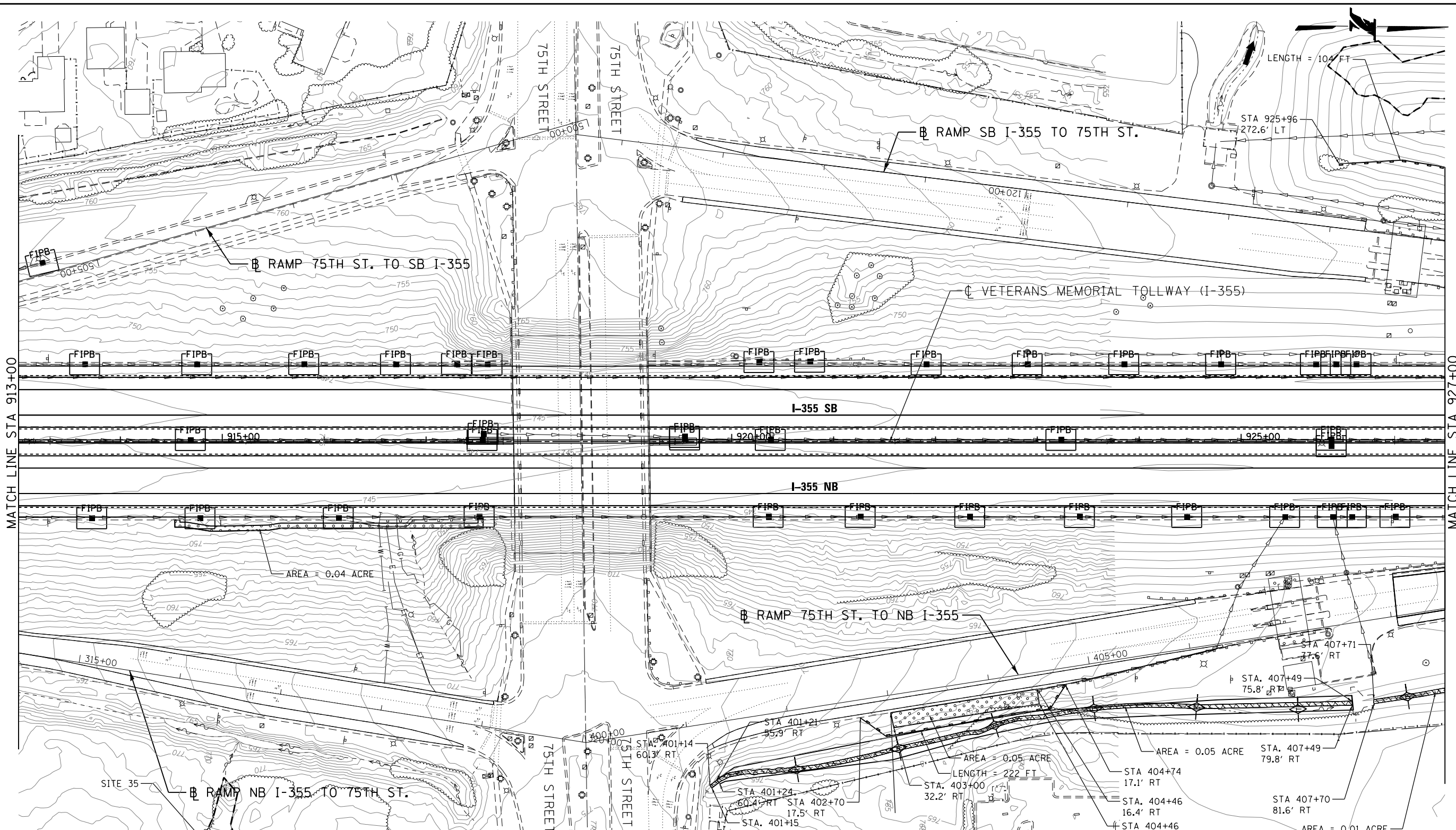
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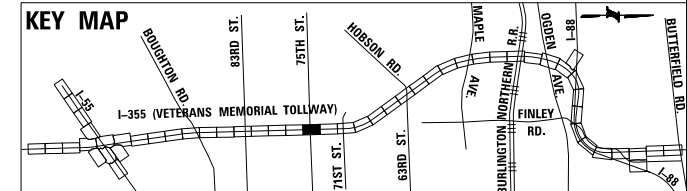
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 STA 899+00 - STA 913+00

SHT NO. EC20
 DRAWING NO.
 615 OF 1517



LEGEND:

- | | | | | | |
|--|---|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FIPB FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RIP RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SSF SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | SSF SUPER SILT FENCE (JS280100) | | WOUS |
| | | | CIP CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | | | TDC TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | | | EDF EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | | | DP DETENTION POND | | FLOODPLAIN BOUNDARY |
| | | | RD Roadside Ditch | | FLOODWAY BOUNDARY |



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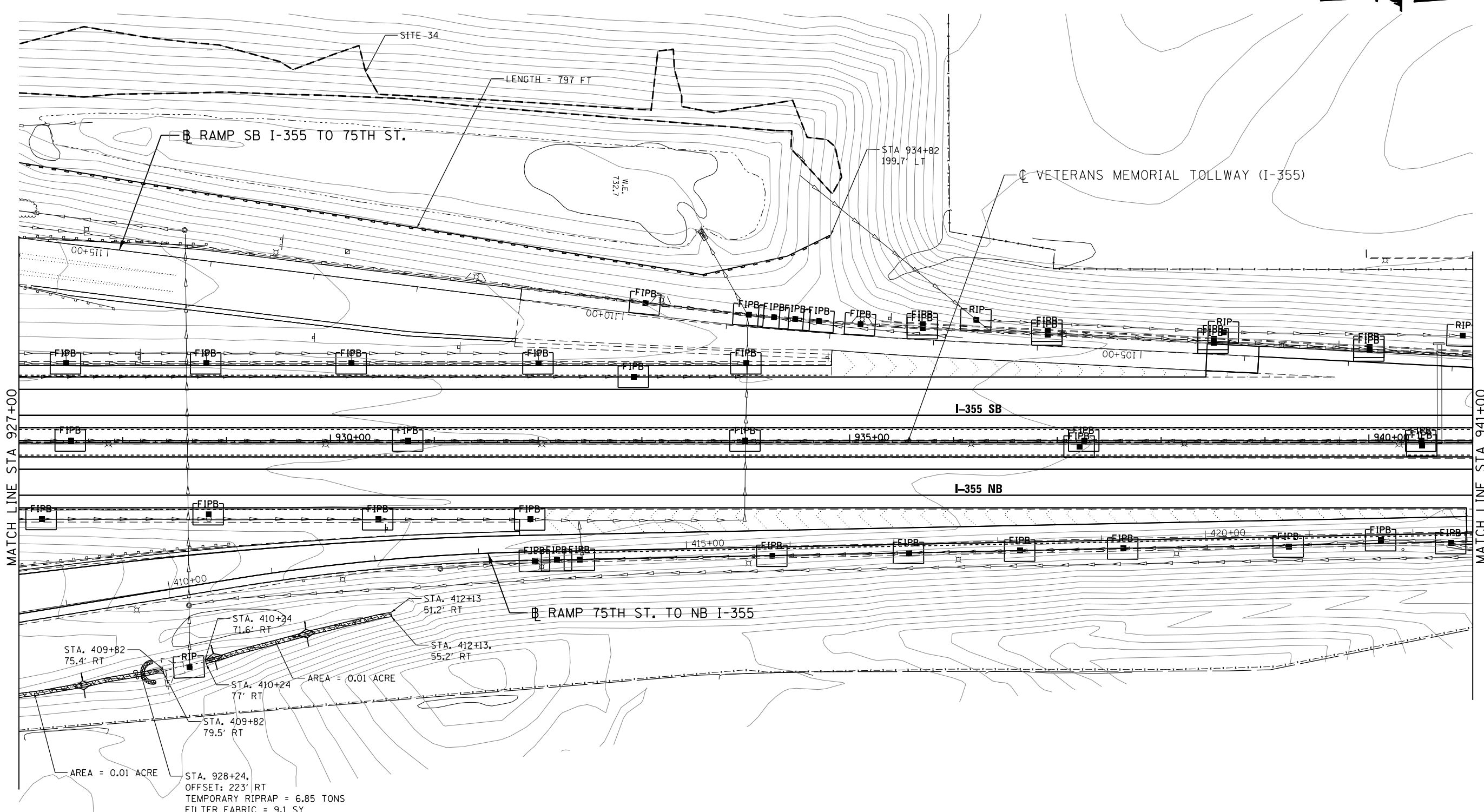
2im GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 913+00 - STA 927+00

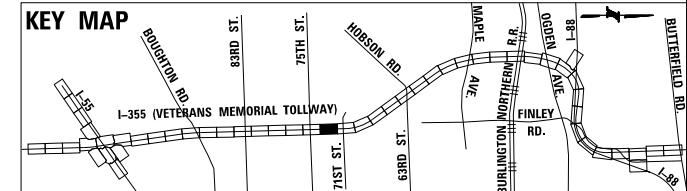
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LEGEND:

- | | | | | | |
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TOPSOIL EXCAVATION AND PLACEMENT (J1211110)
EROSION CONTROL BLANKET (25100630) | | FIPB FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (J1211110)
EROSION CONTROL BLANKET (25100630) | | RIP RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (J1211110)
EROSION CONTROL BLANKET (25100630) | | SSF SUPER SILT FENCE (JS280100) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | CIP CULVERT INLET PROTECTION - STONE | | WOUS |
| | | | TDC TEMPORARY DITCH CHECK | | WETLANDS |
| | | | EDF EXISTING DITCH FLOW | | PERMANENT IMPACT |
| | | | DP DETENTION POND | | TEMPORARY IMPACT |
| | | | RD Roadside Ditch | | FLOODPLAIN BOUNDARY |
| | | | | | FLOODWAY BOUNDARY |



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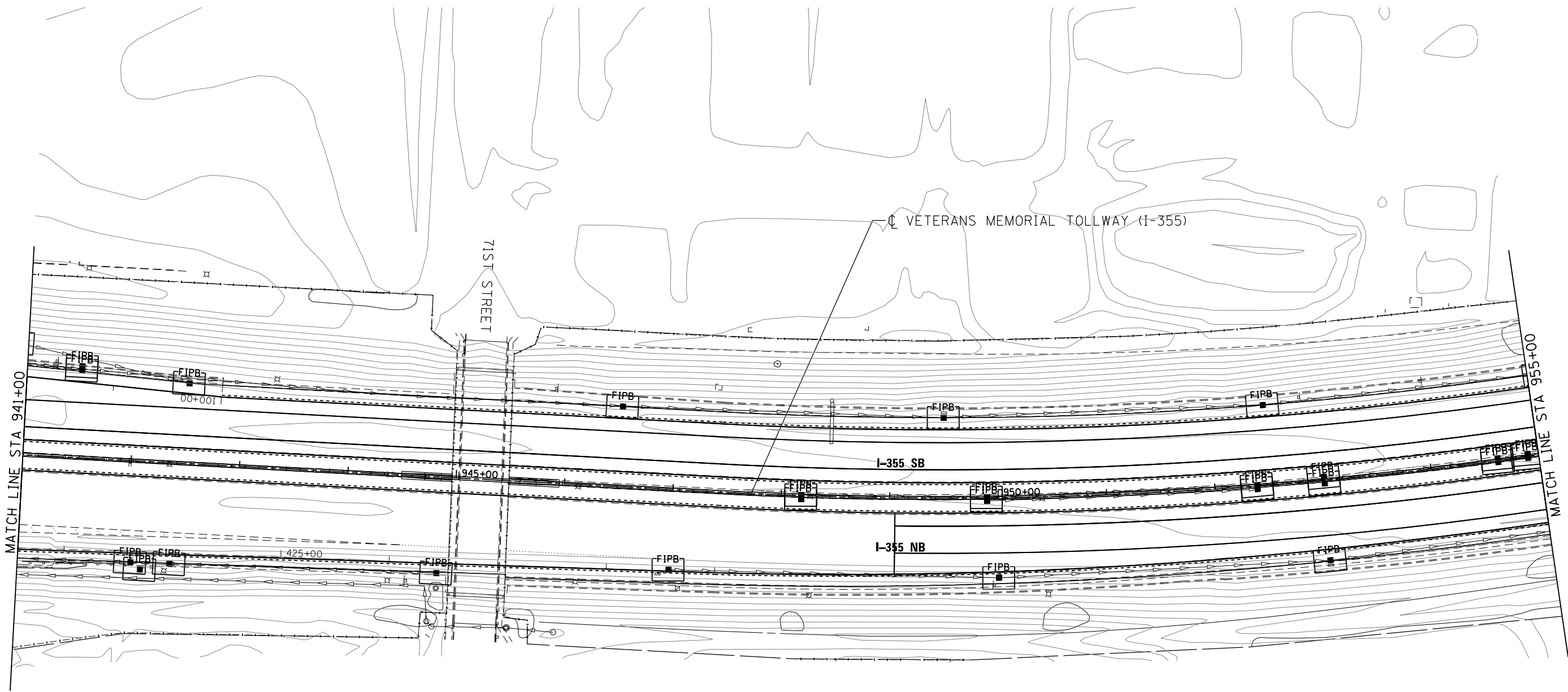


THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 927+00 - STA 941+00

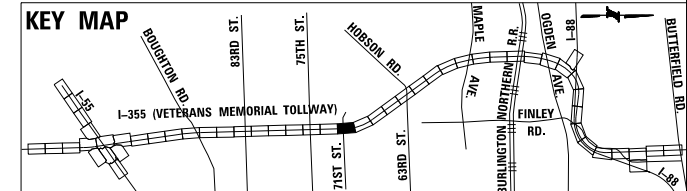
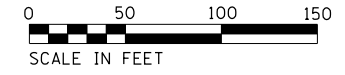
SHT NO. EC22
 DRAWING NO.
 617 OF 1517



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|--|---|--|---|--|--|
| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE
TREE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RECTANGULAR INLET PROTECTION (JS280180) | | NON-ERODIBLE COFFERDAM |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050)
SUPER SILT FENCE (JS280100) | | WOUS |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |



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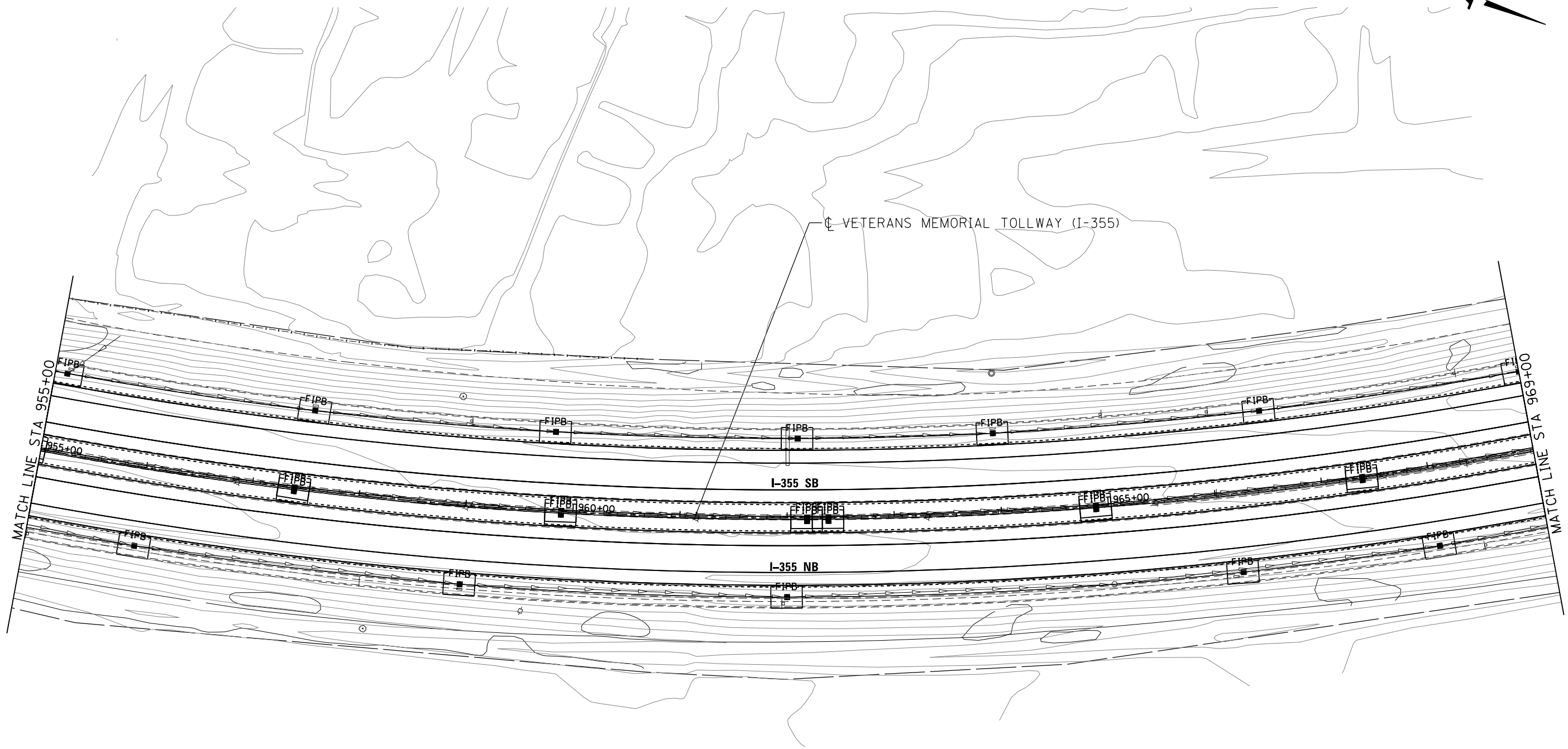
2im GROUP
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 Suite 350
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 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 941+00 - STA 955+00

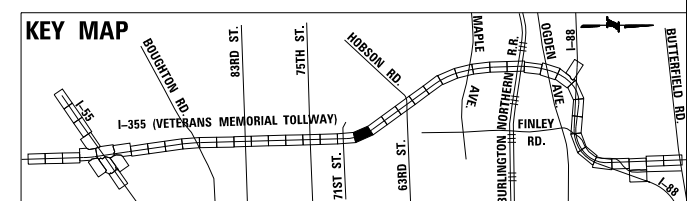
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|--|---|--|---|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050)
SUPER SILT FENCE (JS280100) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | CULVERT INLET PROTECTION - STONE | | WOUS |
| | | | TEMPORARY DITCH CHECK | | WETLANDS |
| | | | EXISTING DITCH FLOW | | PERMANENT IMPACT |
| | | | DETENTION POND | | TEMPORARY IMPACT |
| | | | ROADSIDE DITCH | | FLOODPLAIN BOUNDARY |
| | | | | | FLOODWAY BOUNDARY |



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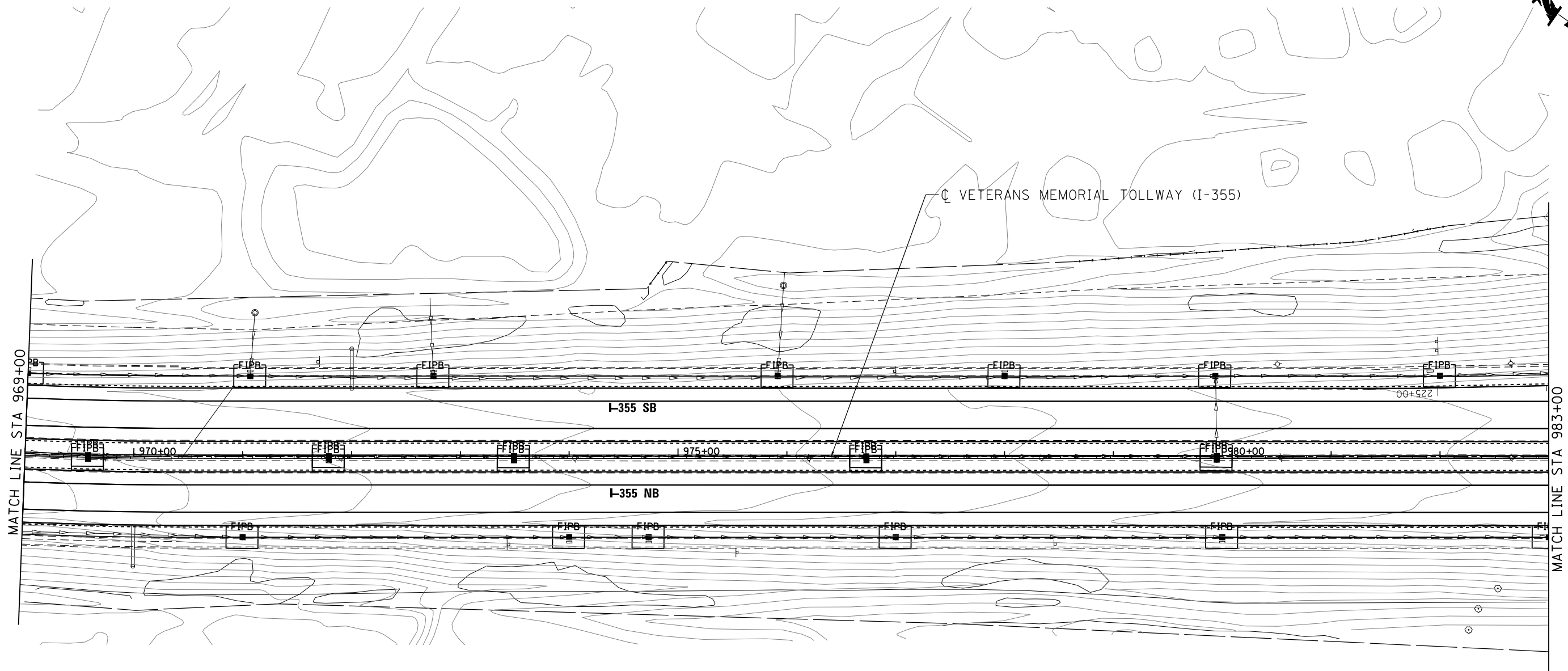
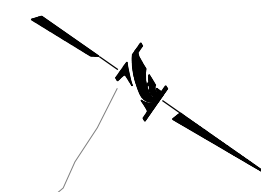
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 Suite 350
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 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

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 EROSION CONTROL & LANDSCAPE PLAN
 STA 955+00 - STA 969+00

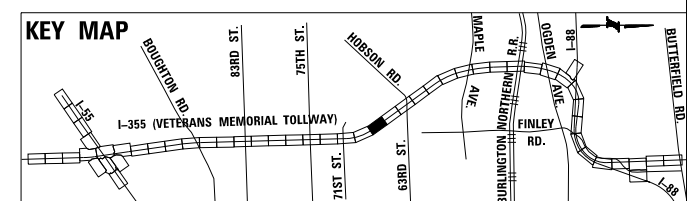
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|--|---|--|---|--|--|
| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE
TREE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RECTANGULAR INLET PROTECTION (JS280180) | | NON-ERODIBLE COFFERDAM |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050)
SUPER SILT FENCE (JS280100) | | WOUS |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |



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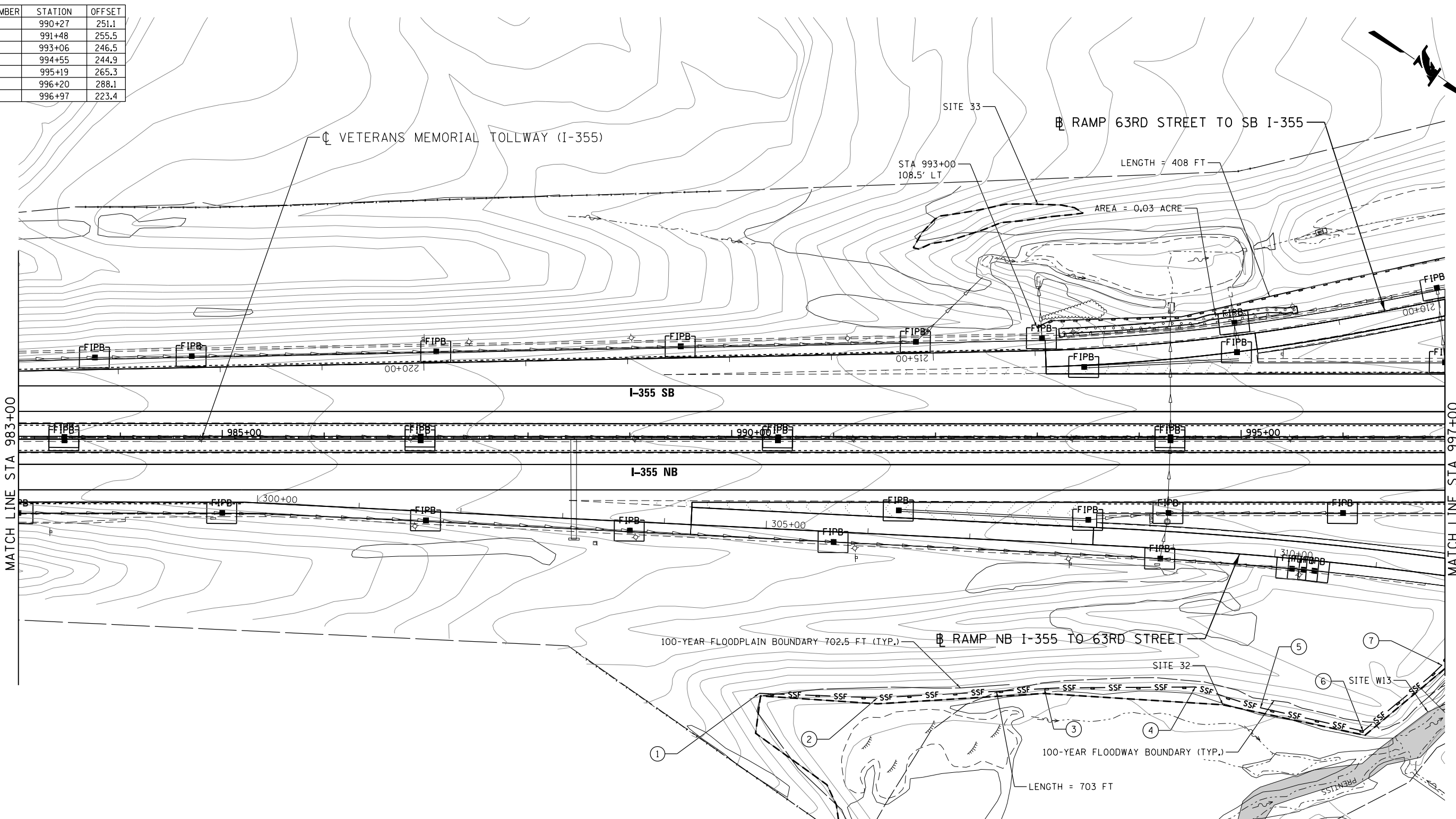
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 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

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 EROSION CONTROL & LANDSCAPE PLAN
 STA 969+00 - STA 983+00

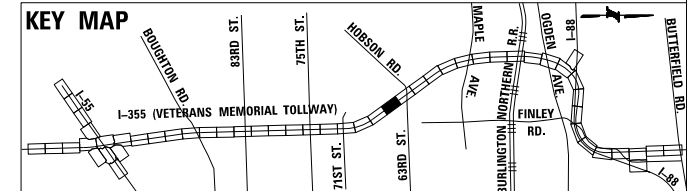
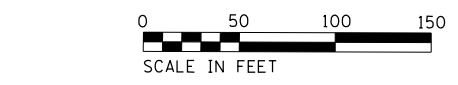
SHT NO. EC25
 DRAWING NO.
 620 OF 1517

POINT NUMBER	STATION	OFFSET
1	990+27	251.1
2	991+48	255.5
3	993+06	246.5
4	994+55	244.9
5	995+19	265.3
6	996+20	288.1
7	996+97	223.4



LEGEND:

- | | | | | | |
|--|---|--|---|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | SUPER SILT FENCE (JS280100) | | WOUS |
| | | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |



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REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 983+00 - STA 997+00

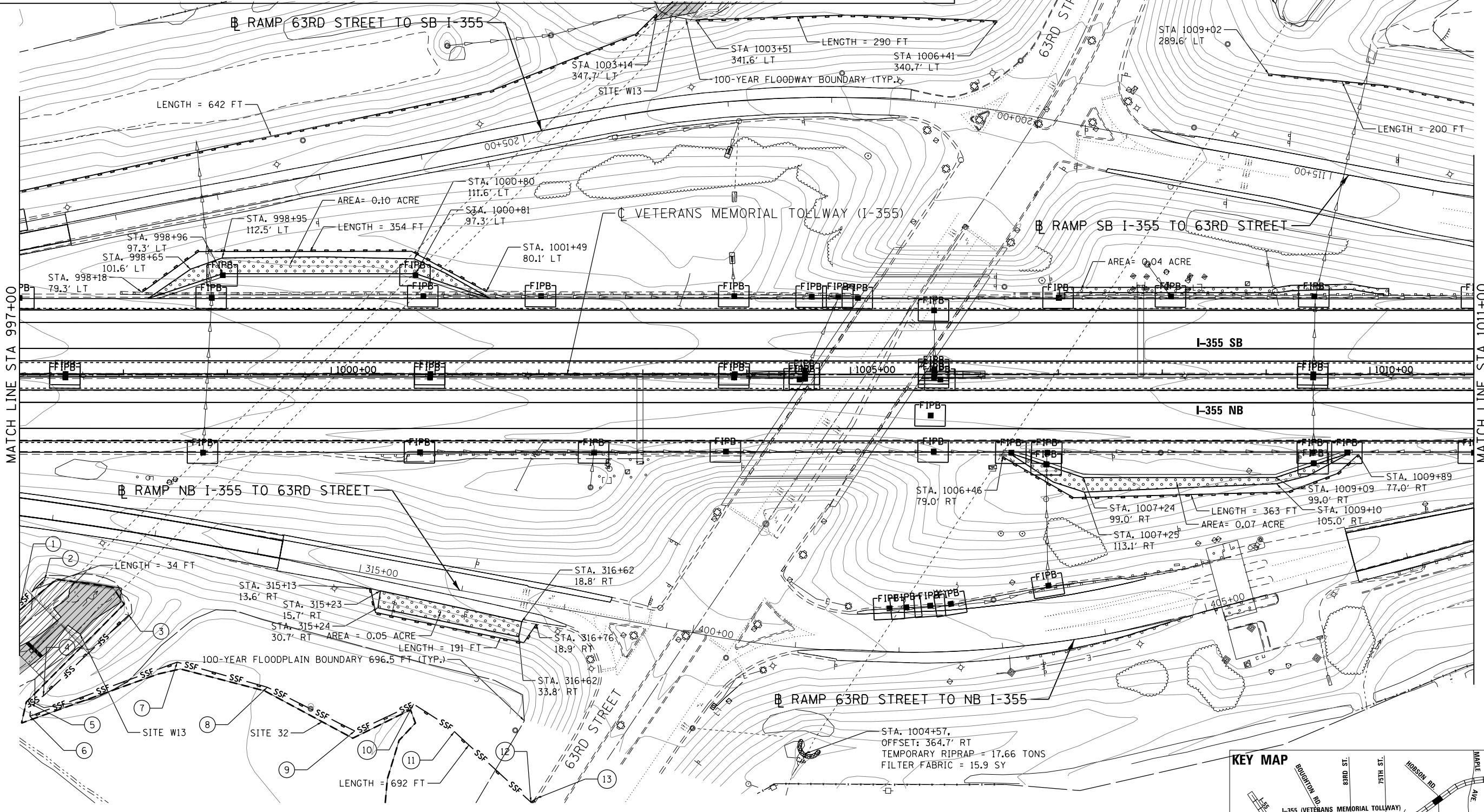
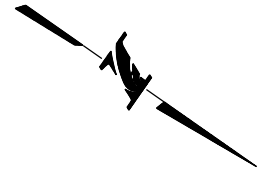
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TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | SUPER SILT FENCE (JS280100) | | WOU |
| | | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |

POINT NUMBER	STATION	OFFSET
1	997+03	217.3
2	997+24	197.3
3	998+05	231.5
4	997+23	309.3
5	997+11	316.9
6	997+10	328.9
7	998+52	276.8

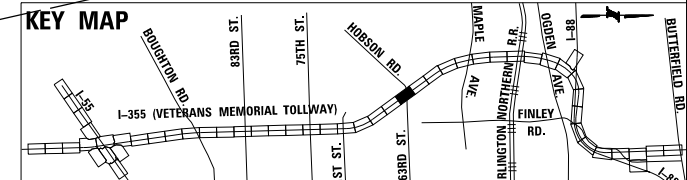
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9	1000+23	343.1
10	1000+79	317.2
11	1001+19	343.8
12	1001+92	411.8
13	1001+98	408



MATCH LINE STA 997+00

MATCH LINE STA 1011+00

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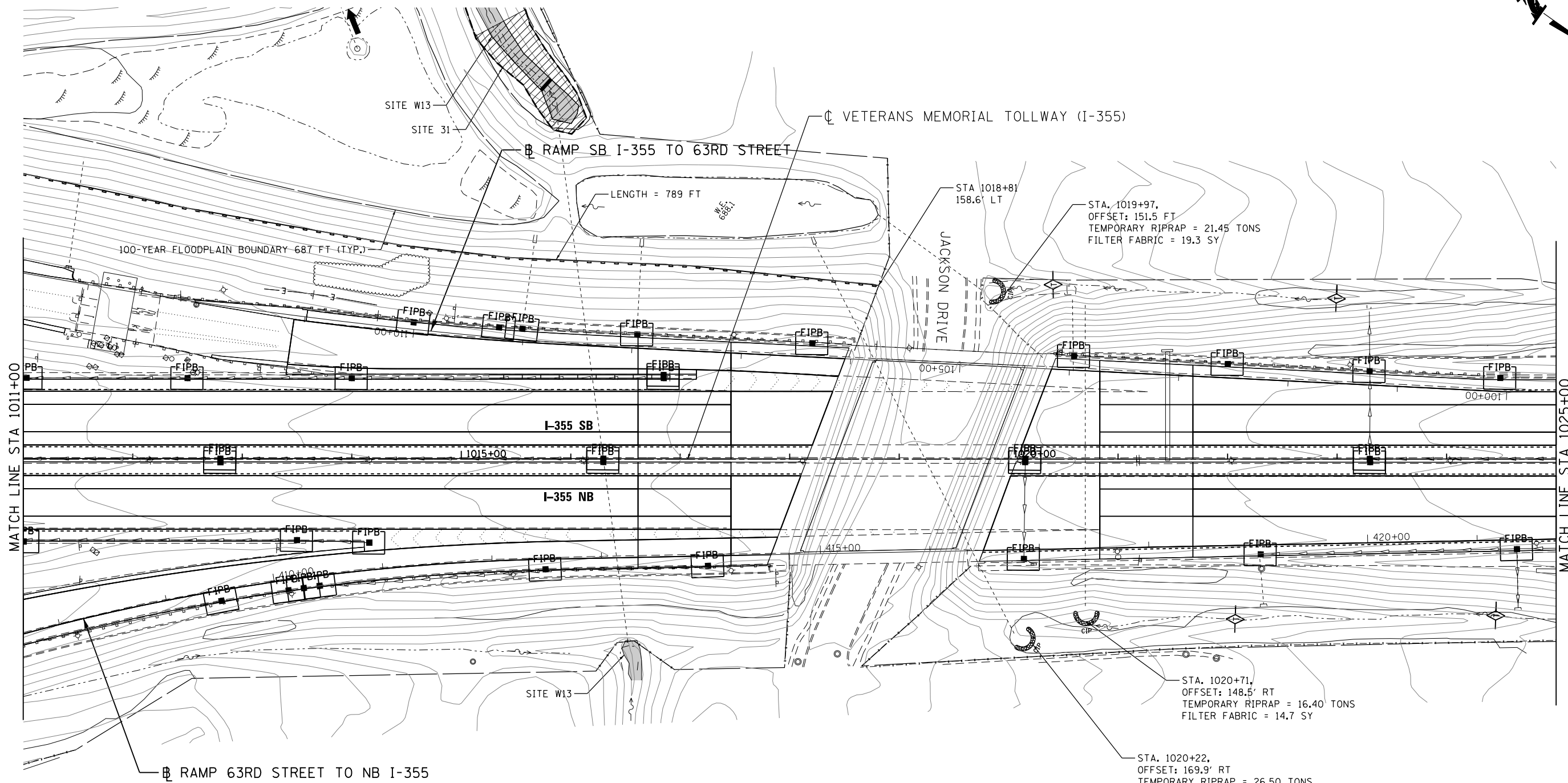
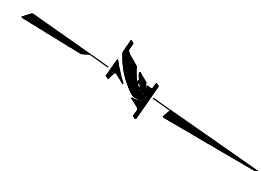
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 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

NO.		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 997+00 - STA 1011+00

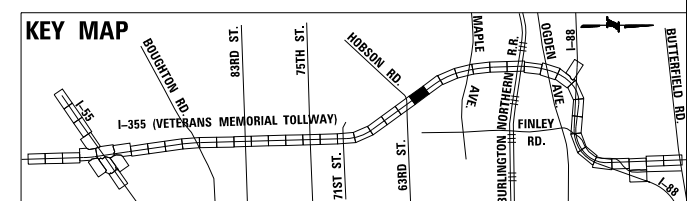
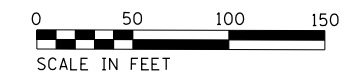
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 622 OF 1517



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TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050)
SUPER SILT FENCE (JS280100) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | CULVERT INLET PROTECTION - STONE | | WOU |
| | | | TEMPORARY DITCH CHECK | | WETLANDS |
| | | | EXISTING DITCH FLOW | | PERMANENT IMPACT |
| | | | DETENTION POND | | TEMPORARY IMPACT |
| | | | ROADSIDE DITCH | | FLOODPLAIN BOUNDARY |
| | | | | | FLOODWAY BOUNDARY |



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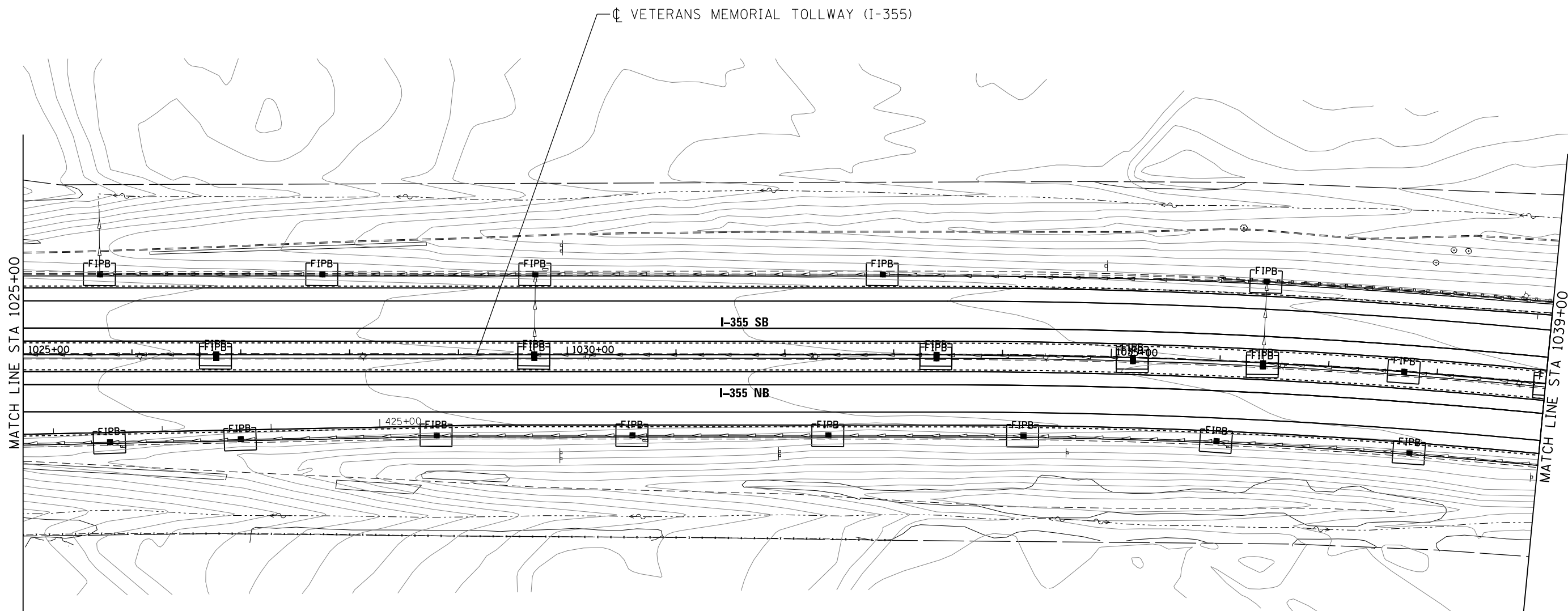
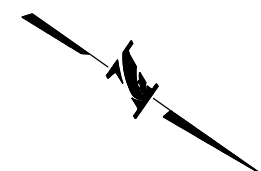


THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 1011+00 - STA 1025+00

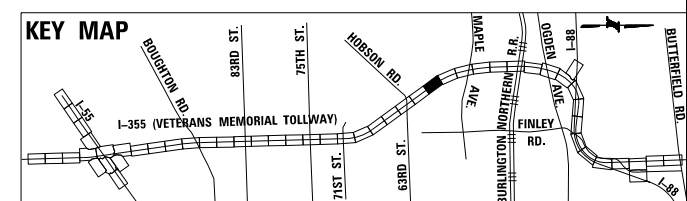
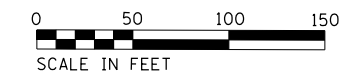
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| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | SEEDING, CLASS 4F (JS250318) | | SUPER SILT FENCE (JS280100) | | WOUS |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | EROSION CONTROL BLANKET (25100630) | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | SEEDING, CLASS 4B (JS250314) | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | EROSION CONTROL BLANKET (25100630) | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |
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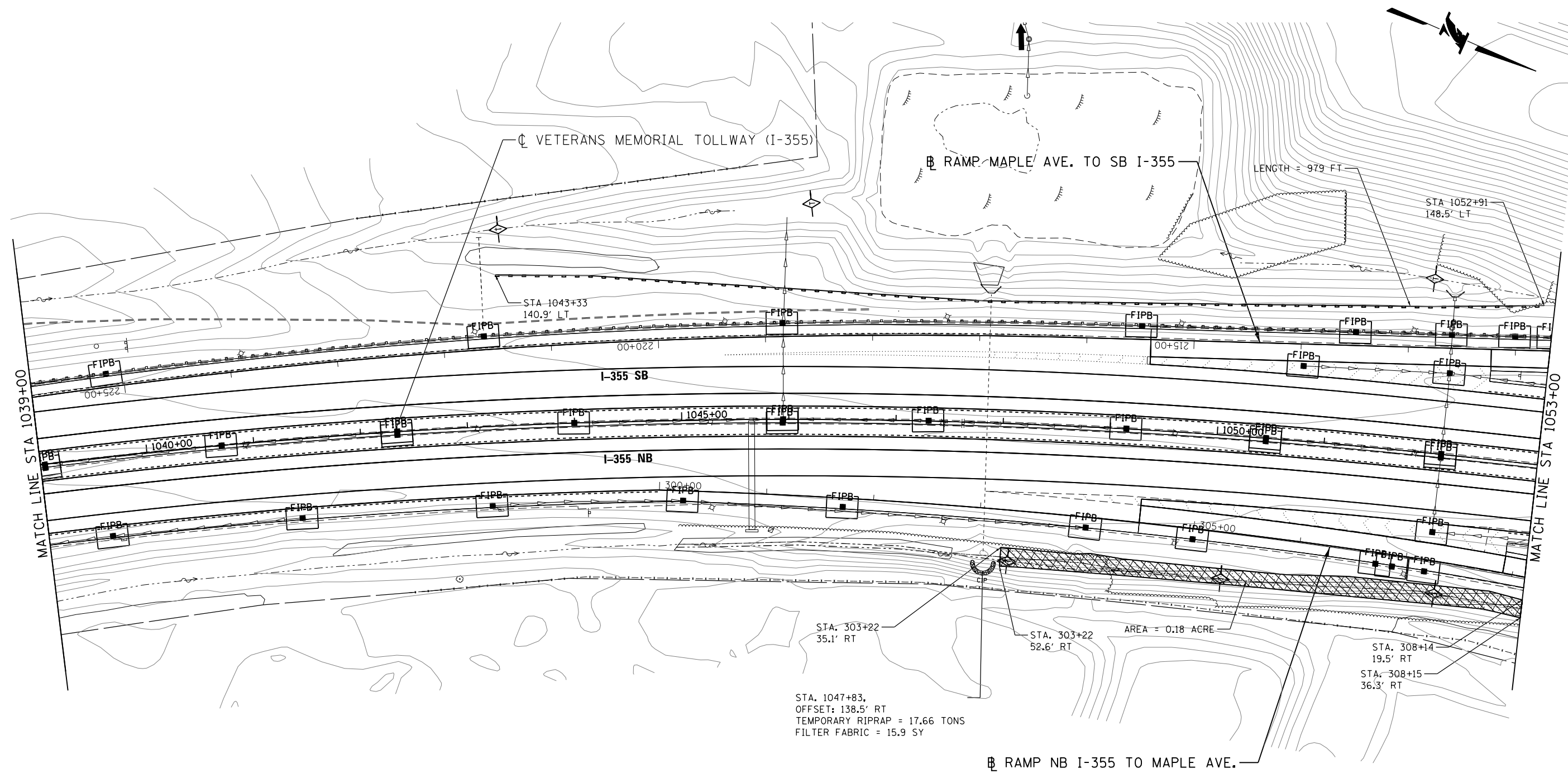
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

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 EROSION CONTROL & LANDSCAPE PLAN
 STA 1025+00 - STA 1039+00

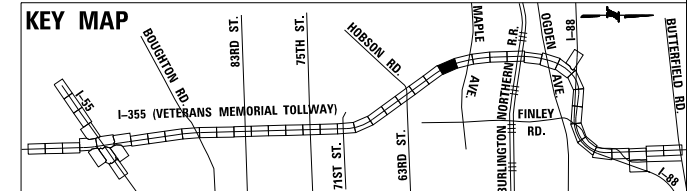
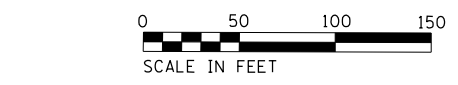
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	SEEDING, CLASS 2E (JS250220) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)		FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210)		STABILIZED CONSTRUCTION ENTRANCE
	SEEDING, CLASS 4F (JS250318) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)		RECTANGULAR INLET PROTECTION (JS280180)		TREE
	SEEDING, CLASS 4B (JS250314) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)		SILT FENCE (JS280050)		NON-ERODIBLE COFFERDAM
	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050)		SUPER SILT FENCE (JS280100)		WOUS
			CULVERT INLET PROTECTION - STONE		WETLANDS
			TEMPORARY DITCH CHECK		PERMANENT IMPACT
			EXISTING DITCH FLOW		TEMPORARY IMPACT
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			ROADSIDE DITCH		FLOODWAY BOUNDARY



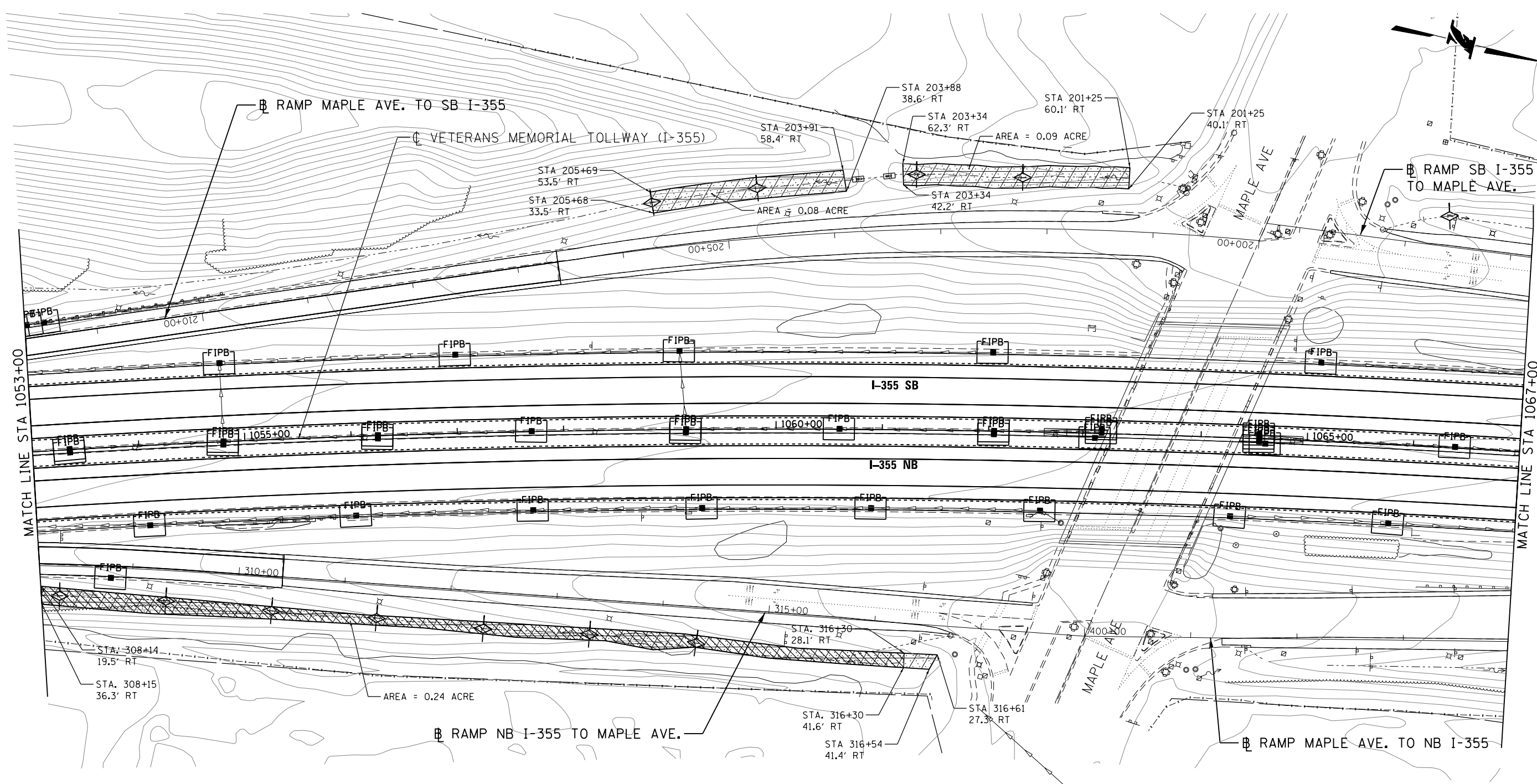
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NO.	DATE	DESCRIPTION

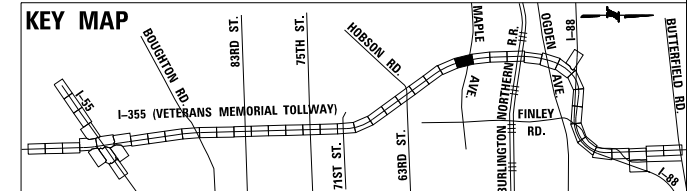
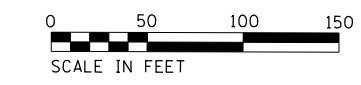
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 EROSION CONTROL & LANDSCAPE PLAN
 STA 1039+00 - STA 1053+00

SHT NO. EC30
 DRAWING NO.
 625 OF 1517



LEGEND:

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|--|---|--|---|--|----------------------------------|
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TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SSF
SUPER SILT FENCE (JS280100) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | CIP
CULVERT INLET PROTECTION - STONE | | WOWS |
| | | | TEMPORARY DITCH CHECK | | WETLANDS |
| | | | EXISTING DITCH FLOW | | PERMANENT IMPACT |
| | | | DETENTION POND | | TEMPORARY IMPACT |
| | | | ROADSIDE DITCH | | FLOODPLAIN BOUNDARY |
| | | | | | FLOODWAY BOUNDARY |



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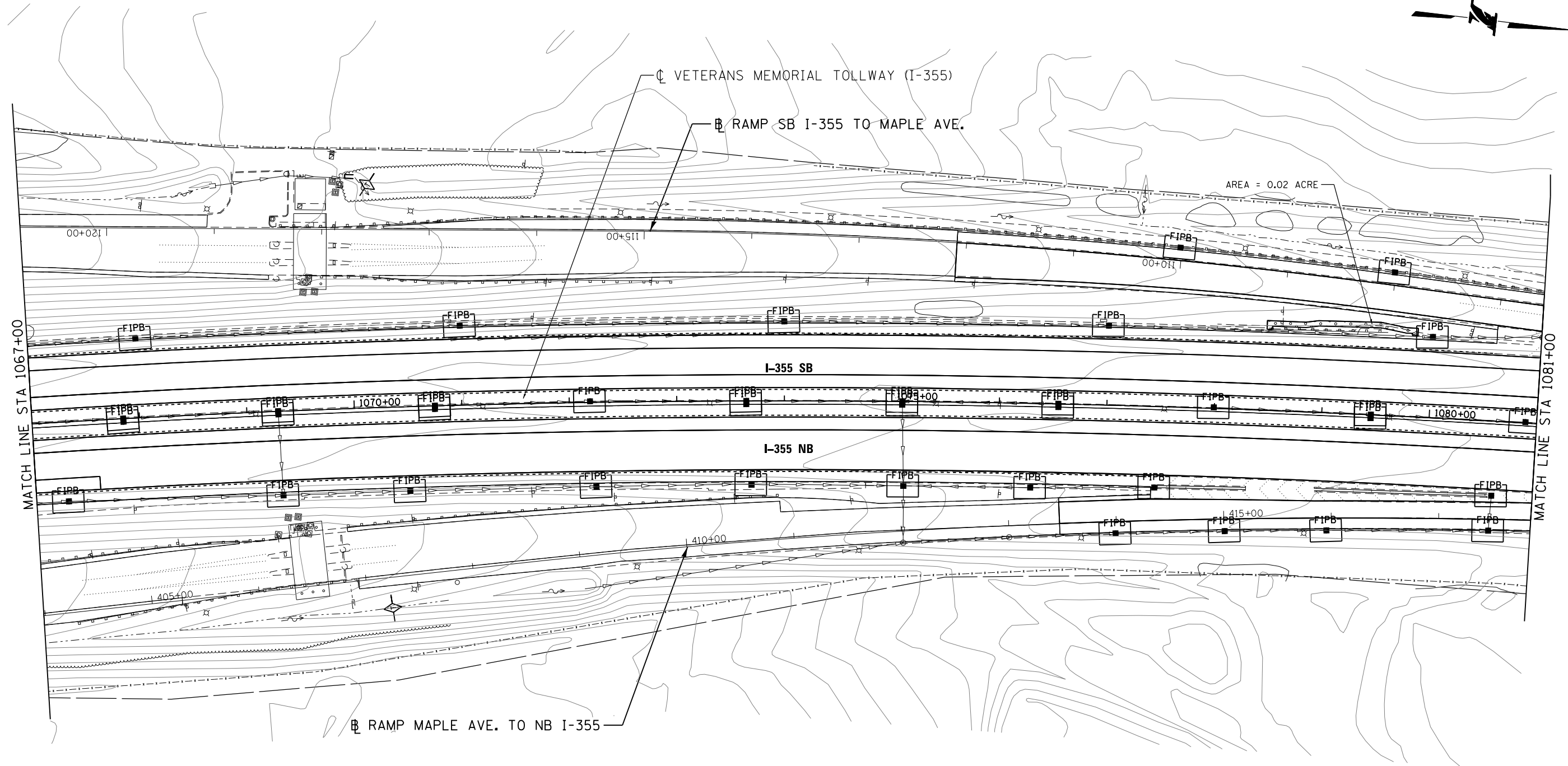
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 1053+00 - STA 1067+00

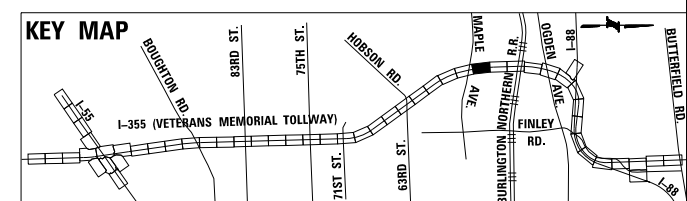
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LEGEND:	
	SEEDING, CLASS 2E (JS250220) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)
	SEEDING, CLASS 4F (JS250318) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)
	SEEDING, CLASS 4B (JS250314) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)
	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050)
	FIPB FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210)
	RIP RECTANGULAR INLET PROTECTION (JS280180)
	SSF SILTY FENCE (JS280050)
	SSF SUPER SILTY FENCE (JS280100)
	CIP CULVERT INLET PROTECTION - STONE
	TEMPORARY DITCH CHECK
	EXISTING DITCH FLOW
	DETENTION POND
	ROADSIDE DITCH
	STABILIZED CONSTRUCTION ENTRANCE
	TREE
	NON-ERODIBLE COFFERDAM
	WOUS
	WETLANDS
	PERMANENT IMPACT
	TEMPORARY IMPACT
	FLOODPLAIN BOUNDARY
	FLOODWAY BOUNDARY



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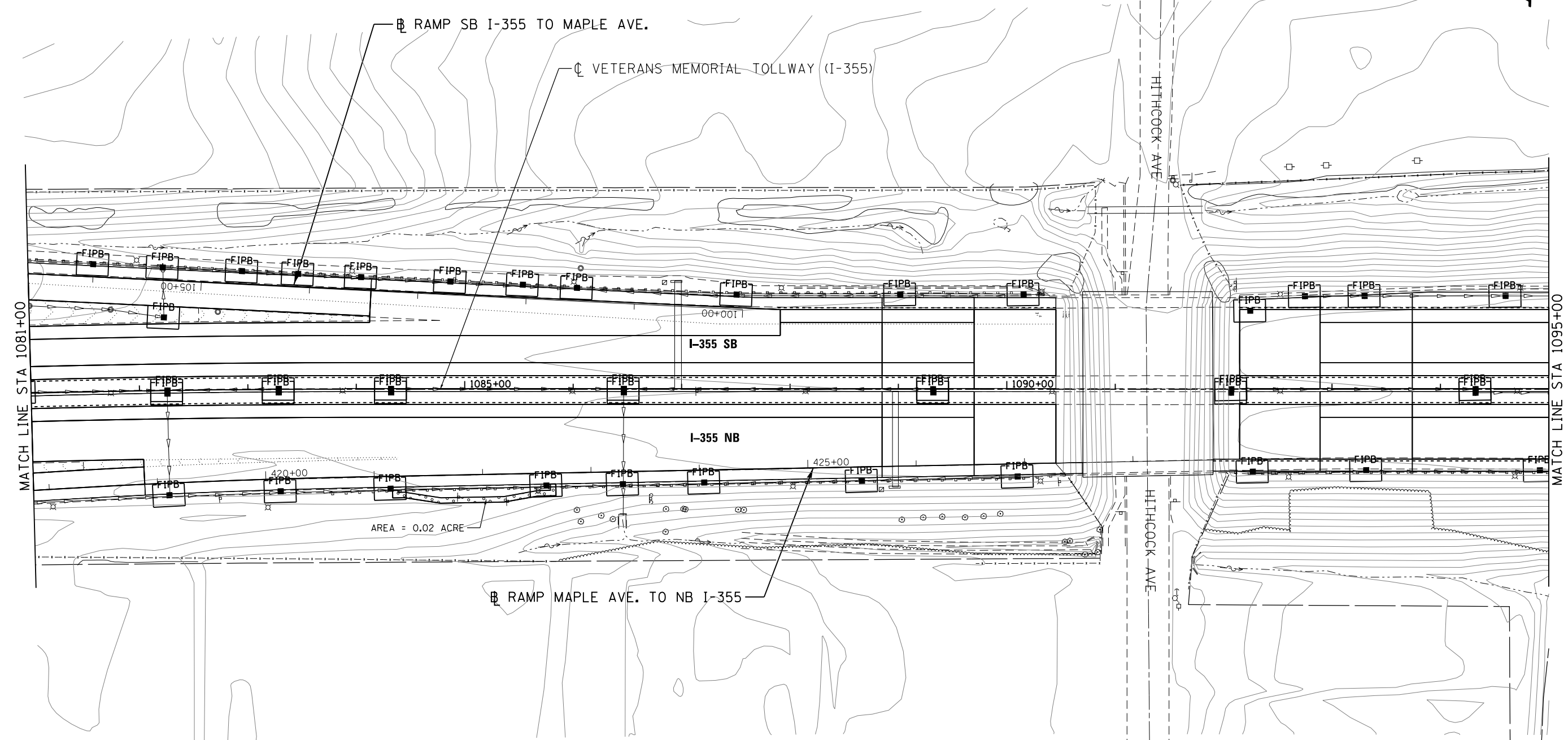
2im GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

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 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 1067+00 - STA 1081+00

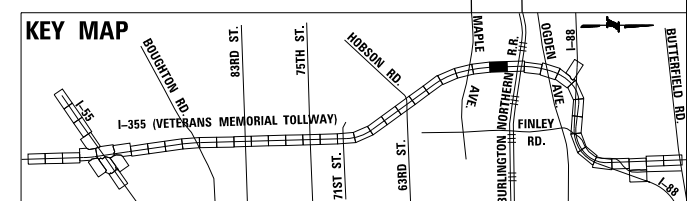
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LEGEND:

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|--|---|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FIPB FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RIP RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SSF SUPER SILT FENCE (JS280100) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | CIP CULVERT INLET PROTECTION - STONE | | WOUS |
| | | | TDC TEMPORARY DITCH CHECK | | WETLANDS |
| | | | EDF EXISTING DITCH FLOW | | PERMANENT IMPACT |
| | | | DP DETENTION POND | | TEMPORARY IMPACT |
| | | | RD Roadside Ditch | | FLOODPLAIN BOUNDARY |
| | | | | | FLOODWAY BOUNDARY |



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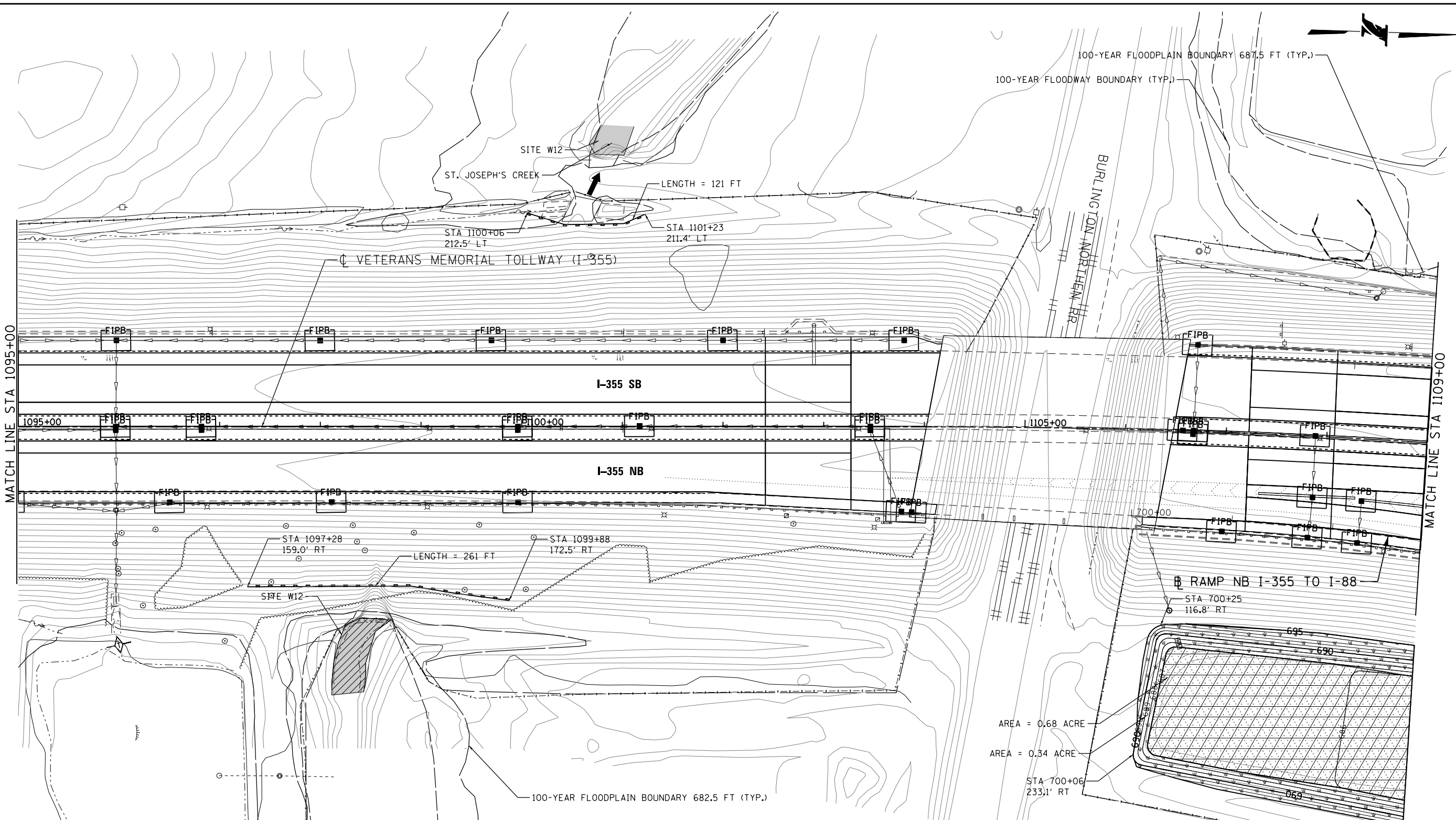


REVISIONS		
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CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 1081+00 - STA 1095+00

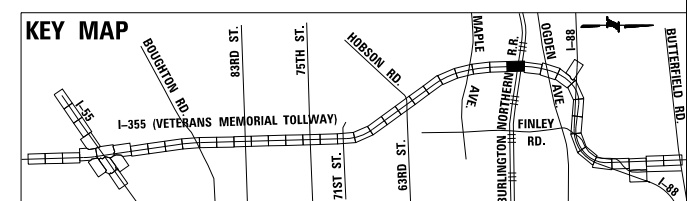
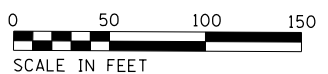
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| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050)
SUPER SILT FENCE (JS280100) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | CULVERT INLET PROTECTION - STONE | | WOUS |
| | | | TEMPORARY DITCH CHECK | | WETLANDS |
| | | | EXISTING DITCH FLOW | | PERMANENT IMPACT |
| | | | DETENTION POND | | TEMPORARY IMPACT |
| | | | ROADSIDE DITCH | | FLOODPLAIN BOUNDARY |
| | | | | | FLOODWAY BOUNDARY |



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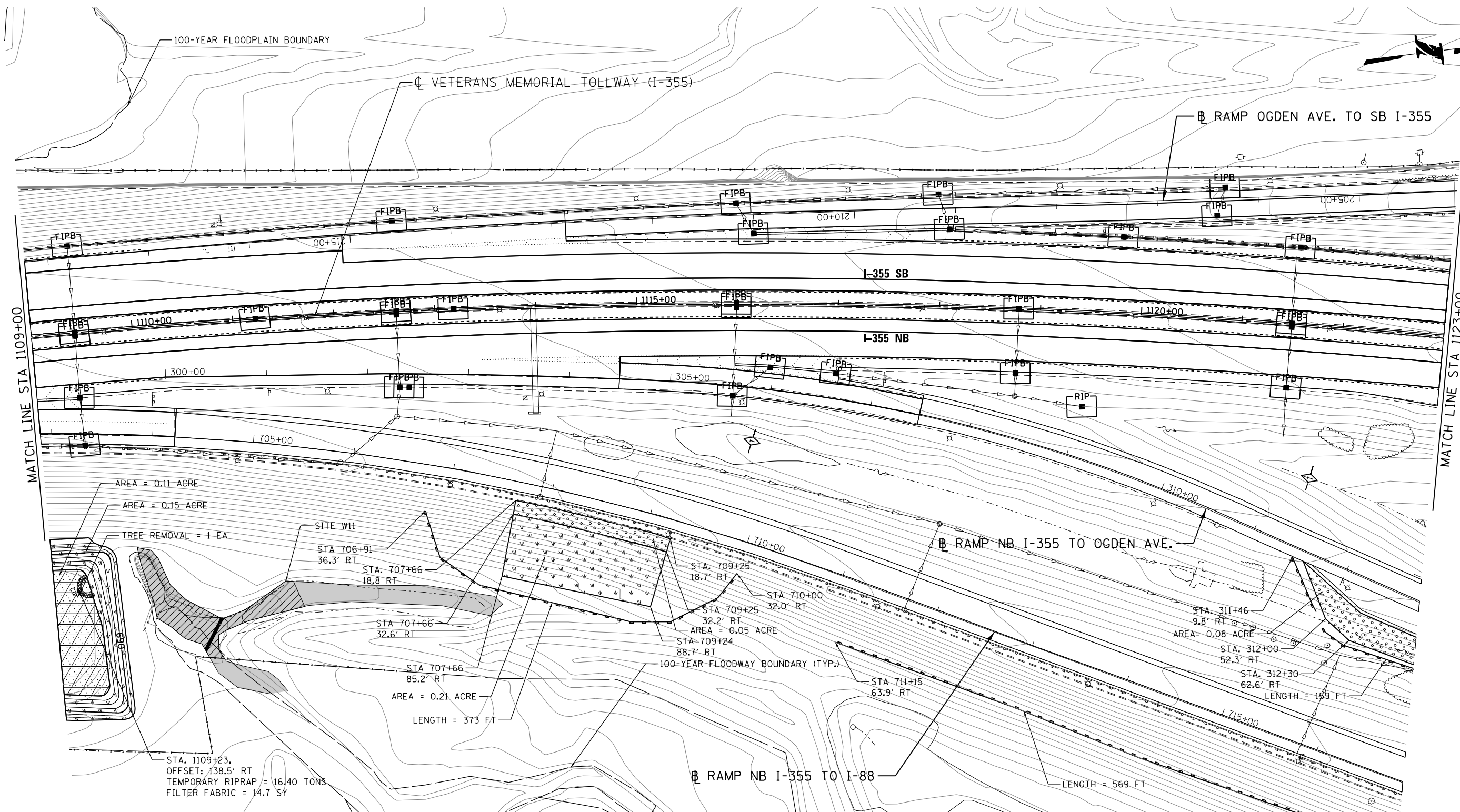
2im GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

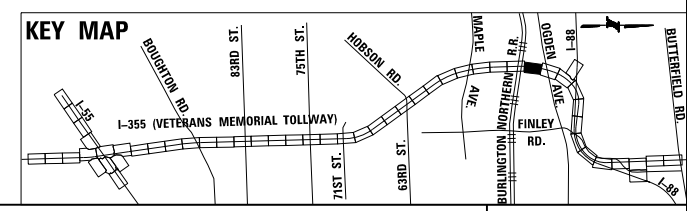
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 EROSION CONTROL & LANDSCAPE PLAN
 STA 1095+00 - STA 1109+00

SHT NO. EC34
 DRAWING NO.
 629 OF 1517



LEGEND:

- | | | | | | |
|--|--|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220) | | FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | SEEDING, CLASS 4F (JS250318) | | SUPER SILT FENCE (JS280100) | | WOU |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | EROSION CONTROL BLANKET (25100630) | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | SEEDING, CLASS 4B (JS250314) | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | EROSION CONTROL BLANKET (25100630) | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |
| | ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050) | | | | |



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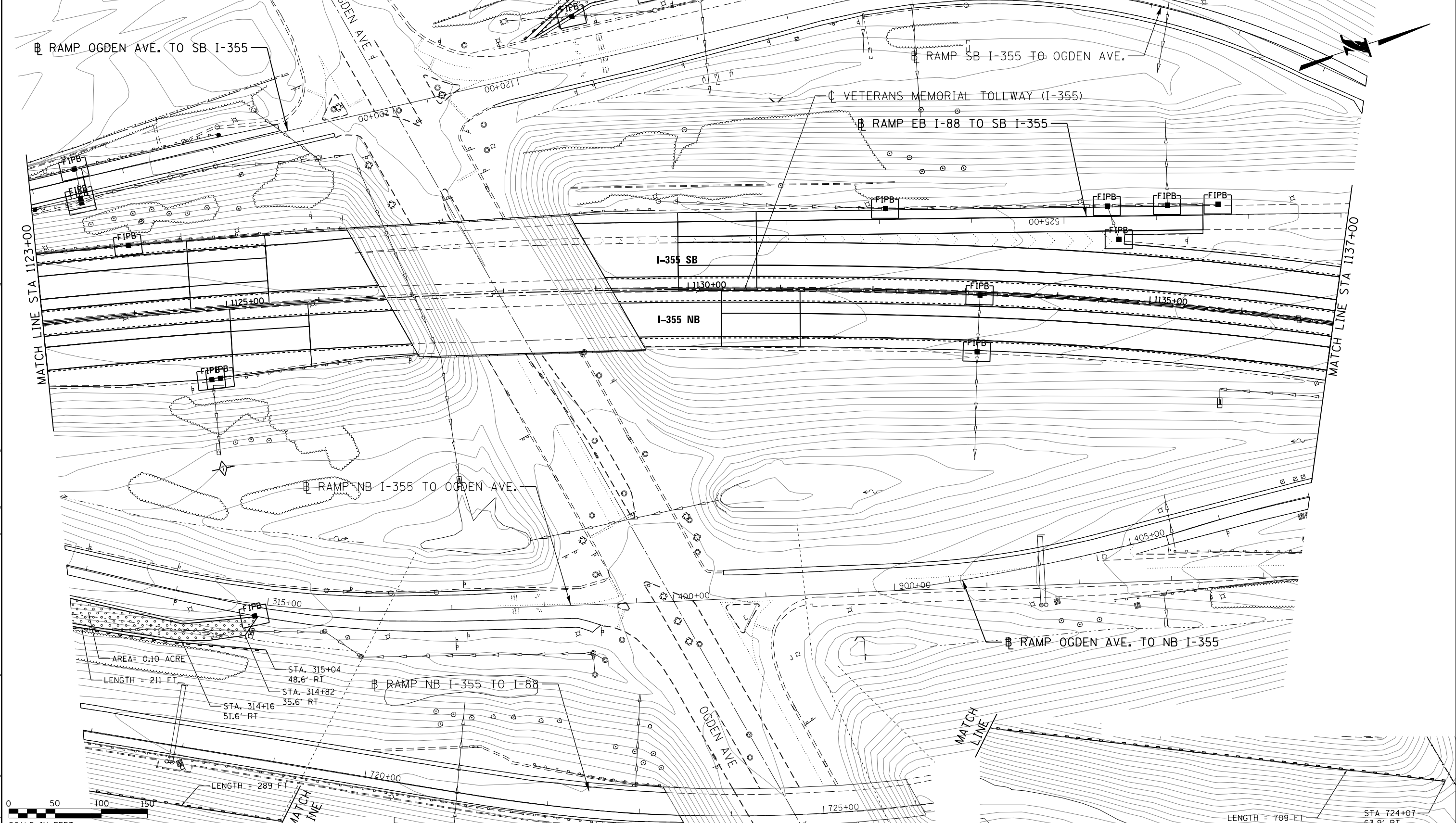
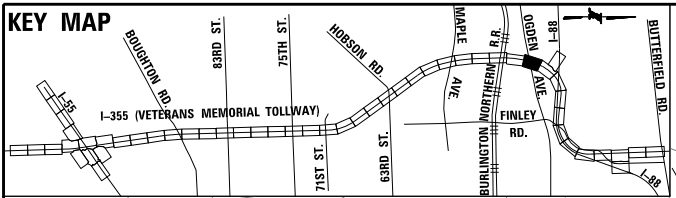


REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 1109+00 - STA 1123+00

SHT NO. EC35
 DRAWING NO.
 630 OF 1517

KEY MAP



AREA= 0.14 ACRE
STA. 119+12
73.1' RT

STA. 117+74
88.2' RT

RAMP OGDEN AVE. TO SB I-355

RAMP SB I-355 TO OGDEN AVE.

VETERANS MEMORIAL TOLLWAY (I-355)

RAMP EB I-88 TO SB I-355

I-355 SB

I-355 NB

RAMP NB I-355 TO OGDEN AVE.

RAMP NB I-355 TO I-88

RAMP OGDEN AVE. TO NB I-355

AREA= 0.10 ACRE
LENGTH = 211 FT

STA. 315+04
48.6' RT
STA. 314+82
35.6' RT
STA. 314+16
51.6' RT

LENGTH = 289 FT

LENGTH = 709 FT

STA 724+07
63.9' RT



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118 South Clinton St.
Suite 350
Chicago, IL 60661



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2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

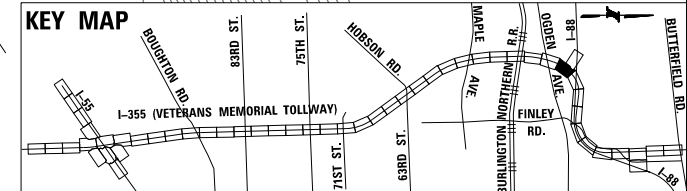
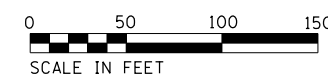
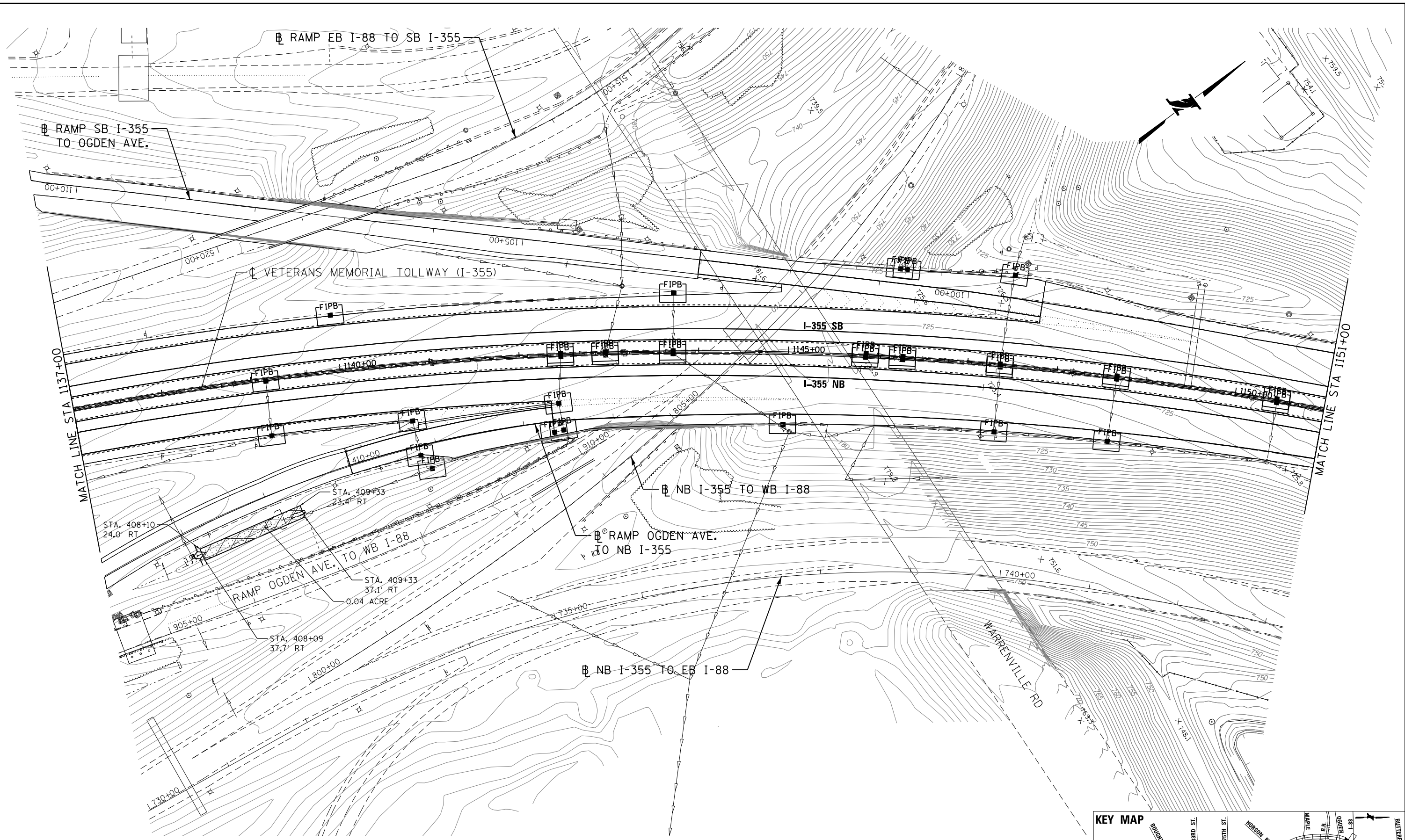
NO.	DATE	REVISIONS DESCRIPTION

CONTRACT NO. RR-16-4255
EROSION CONTROL & LANDSCAPE PLAN
STA 1123+00 - STA 1137+00

SHT NO. EC36
DRAWING NO.
631 OF 1517

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 GROUP
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 Chicago, IL 60661

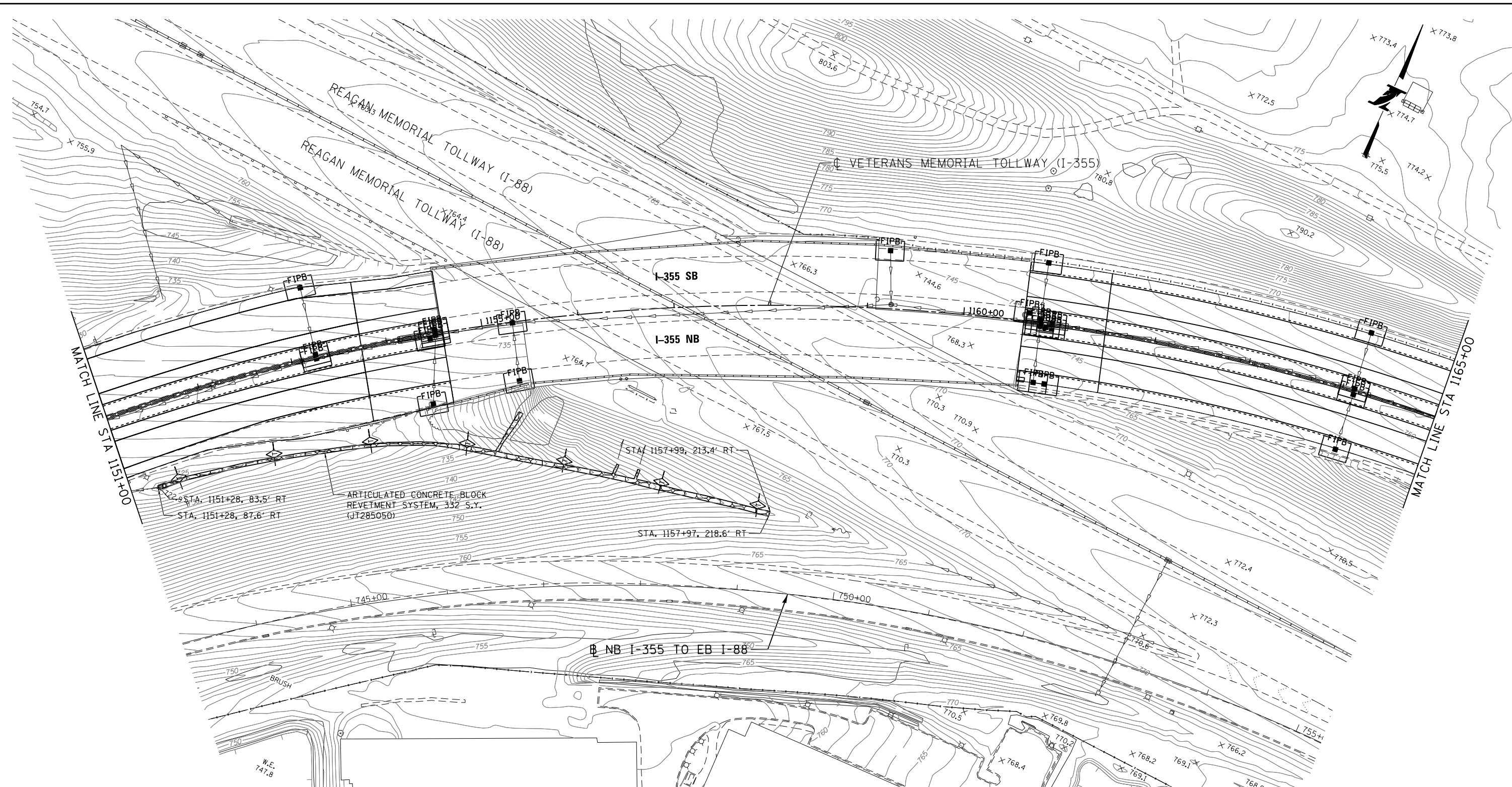
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

NO.		REVISIONS	
NO.	DATE	DESCRIPTION	

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 1137+00 - STA 1151+00

SHT NO. EC37
 DRAWING NO.
 632 OF 1517

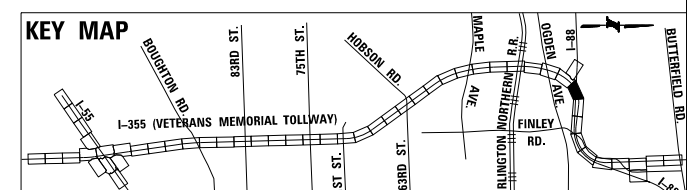
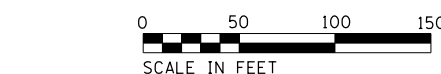
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- LEGEND:**
- SEEDING, CLASS 2E (JS250220)
 - TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
 - EROSION CONTROL BLANKET (25100630)
 - SEEDING, CLASS 4F (JS250318)
 - TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
 - EROSION CONTROL BLANKET (25100630)
 - SEEDING, CLASS 4B (JS250314)
 - TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
 - EROSION CONTROL BLANKET (25100630)
 - ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050)

- FIPB FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210)
- RIP RECTANGULAR INLET PROTECTION (JS280180)
- SSF SILTY FENCE (JS280050)
- SUPER SILTY FENCE (JS280100)
- CIP CULVERT INLET PROTECTION - STONE
- TD TEMPORARY DITCH CHECK
- ED EXISTING DITCH FLOW
- DP DETENTION POND
- RD ROADSIDE DITCH

- SCE STABILIZED CONSTRUCTION ENTRANCE
- T TREE
- NEC NON-ERODIBLE COFFERDAM
- WOUS
- WETLANDS
- PI PERMANENT IMPACT
- TI TEMPORARY IMPACT
- FB FLOODPLAIN BOUNDARY
- FW FLOODWAY BOUNDARY



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2im GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

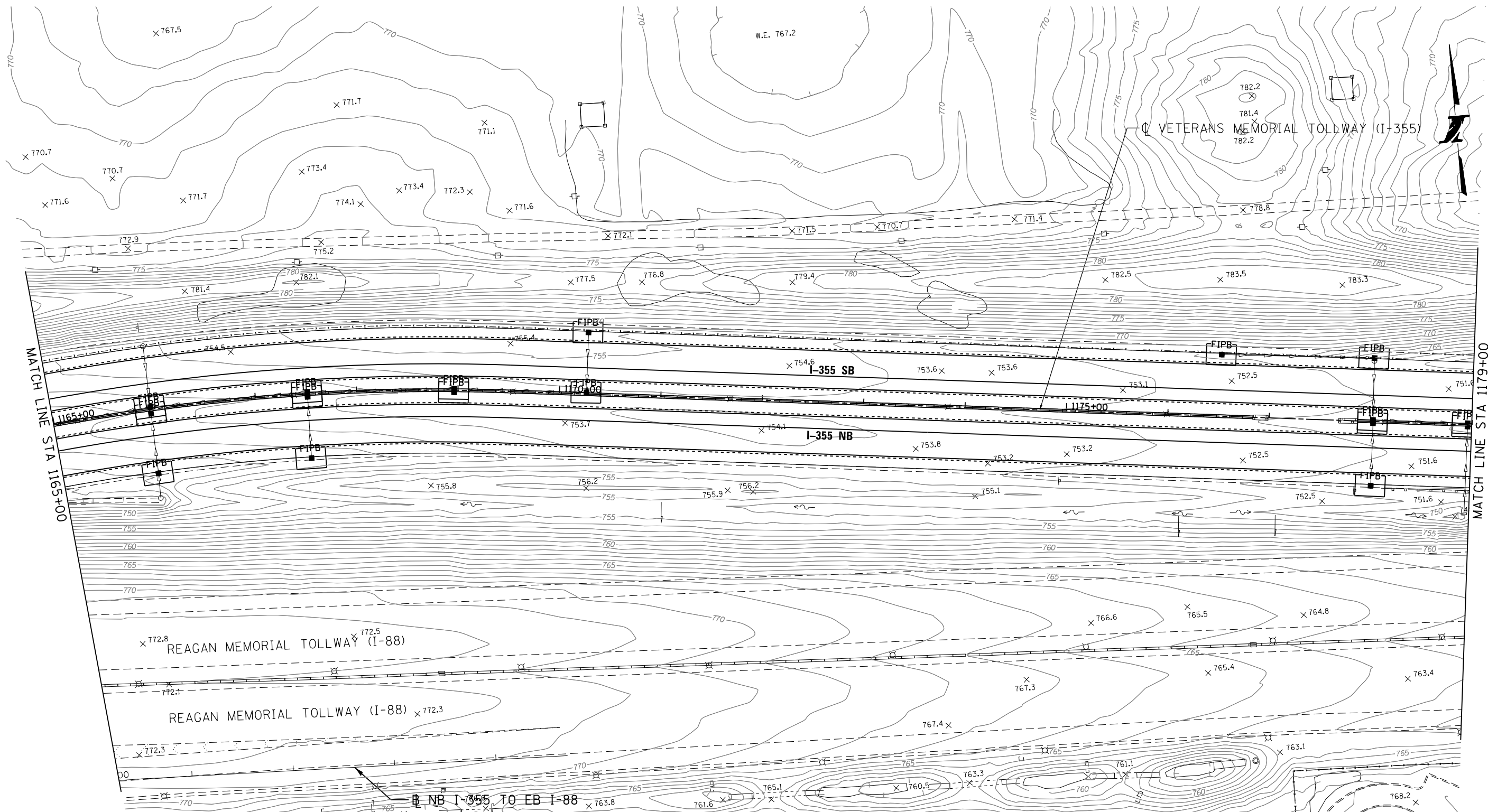
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
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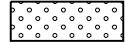


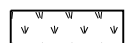


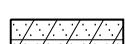














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 EROSION CONTROL & LANDSCAPE PLAN
 STA 1151+00 - STA 1165+00

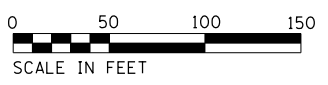
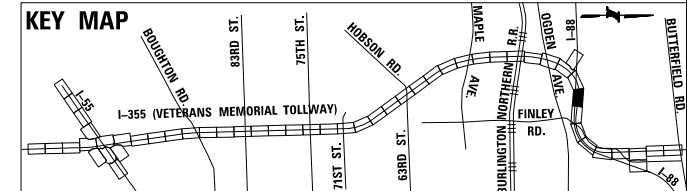
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LEGEND:

- | | | | | | |
|---|---|---|---|---|----------------------------------|
|  | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) |  | FIPB
FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) |  | STABILIZED CONSTRUCTION ENTRANCE |
|  | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) |  | RIP
RECTANGULAR INLET PROTECTION (JS280180) |  | TREE |
|  | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) |  | SSF
SUPER SILT FENCE (JS280100) |  | NON-ERODIBLE COFFERDAM |
|  | ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050) |  | CIP
CULVERT INLET PROTECTION - STONE |  | WOUS |
| | |  | TD
TEMPORARY DITCH CHECK |  | WETLANDS |
| | |  | EDF
EXISTING DITCH FLOW |  | PERMANENT IMPACT |
| | |  | DP
DETENTION POND |  | TEMPORARY IMPACT |
| | |  | RD
ROADSIDE DITCH |  | FLOODPLAIN BOUNDARY |
| | | | |  | FLOODWAY BOUNDARY |



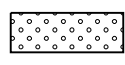
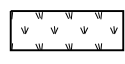
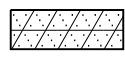

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CHECKED BY AMB **DATE** 3/11/2018




















REVISIONS	
NO.	DESCRIPTION

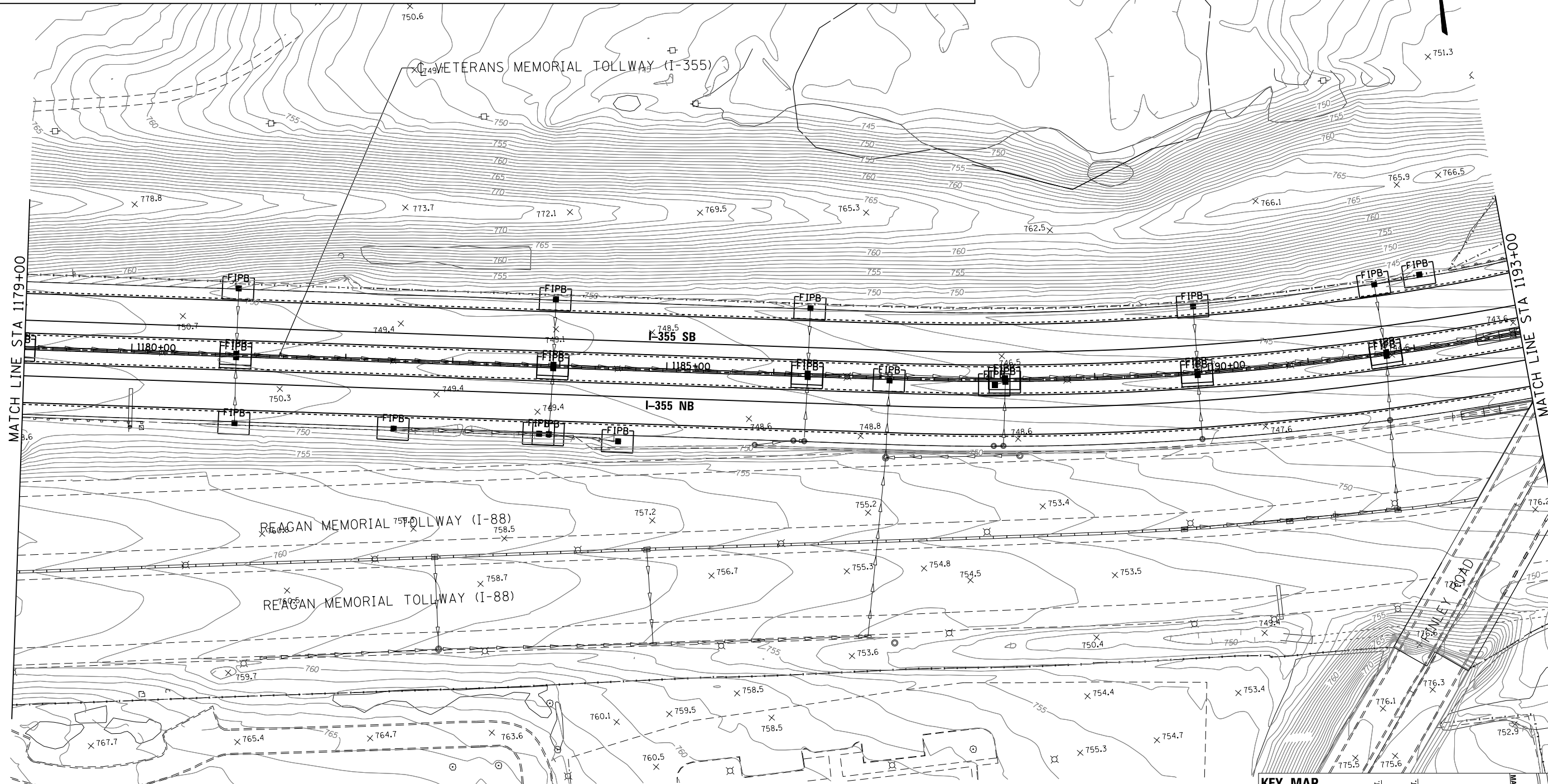
CONTRACT NO. RR-16-4255 **SHT NO.** EC39
EROSION CONTROL & LANDSCAPE PLAN
STA 1165+00 - STA 1179+00 **DRAWING NO.**
 634 OF 1517

LEGEND:

-  SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630)
-  SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630)
-  SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630)
-  ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050)

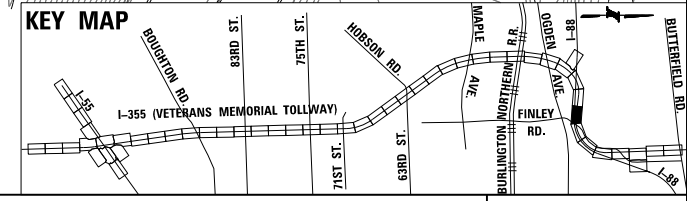
-  FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210)
-  RECTANGULAR INLET PROTECTION (JS280180)
-  SILT FENCE (JS280050)
SUPER SILT FENCE (JS280100)
-  CULVERT INLET PROTECTION - STONE
-  TEMPORARY DITCH CHECK
-  EXISTING DITCH FLOW
-  DETENTION POND
-  ROADSIDE DITCH

-  STABILIZED CONSTRUCTION ENTRANCE
-  TREE
-  NON-ERODIBLE COFFERDAM
-  WOUS
-  WETLANDS
-  PERMANENT IMPACT
-  TEMPORARY IMPACT
-  FLOODPLAIN BOUNDARY
-  FLOODWAY BOUNDARY



MATCH LINE STA 1179+00

MATCH LINE STA 1193+00



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REVISIONS		
NO.	DATE	DESCRIPTION

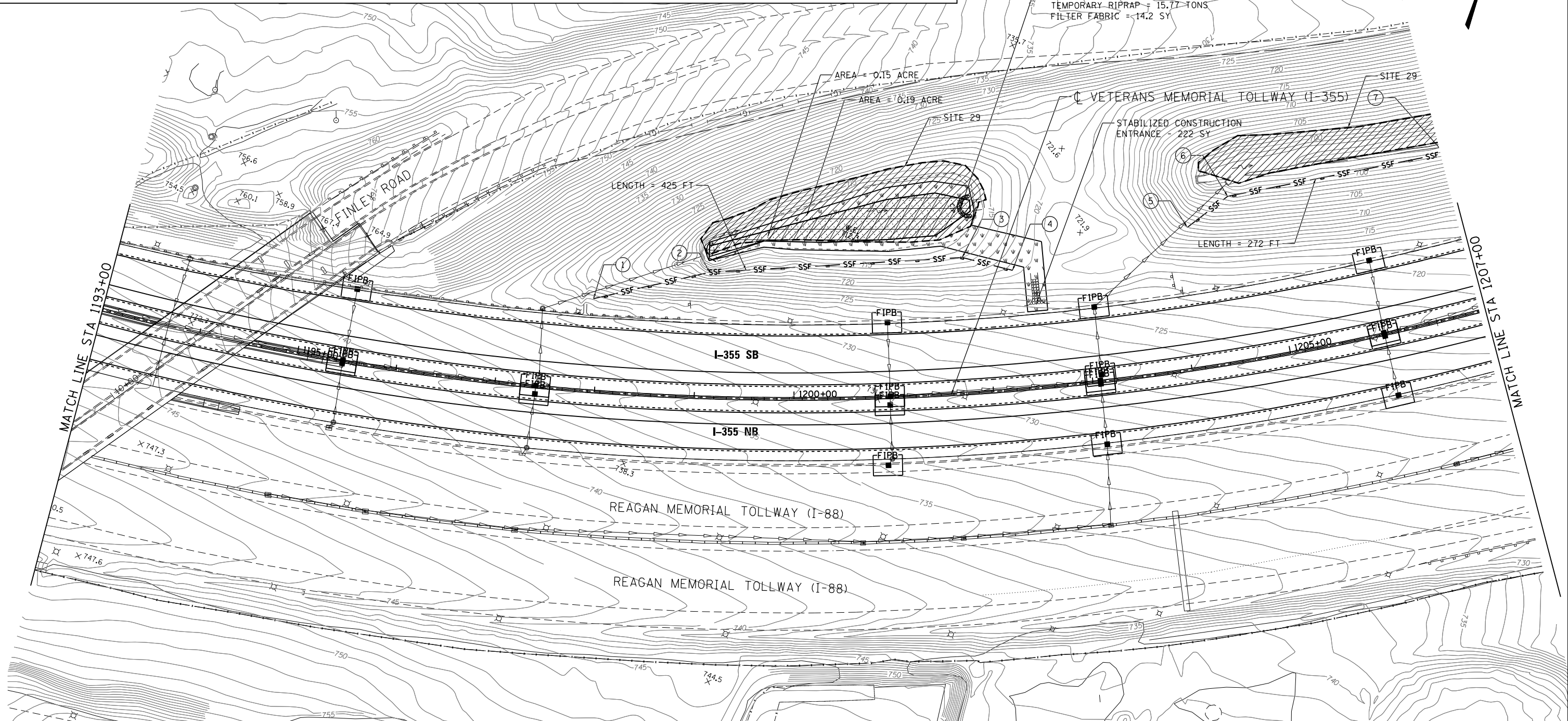
CONTRACT NO. RR-16-4255
EROSION CONTROL & LANDSCAPE PLAN
STA 1179+00 - STA 1193+00

SHT NO. EC40
DRAWING NO.
635 OF 1517

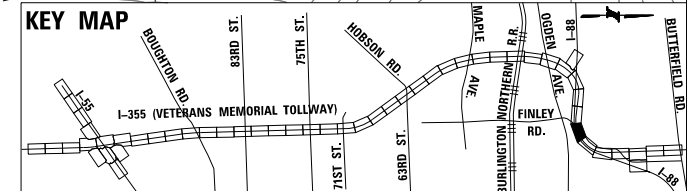
LEGEND:

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|--|--|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220) | | FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | SEEDING, CLASS 4F (JS250318) | | SUPER SILT FENCE (JS280100) | | WOU |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | EROSION CONTROL BLANKET (25100630) | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | SEEDING, CLASS 4B (JS250314) | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | TOPSOIL EXCAVATION AND PLACEMENT (JI211110) | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | EROSION CONTROL BLANKET (25100630) | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |
| | ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050) | | | | |

POINT NUMBER	STATION	OFFSET
1	1197+89	-92.8
2	1199+06	-125.3
3	1201+74	-136
4	1202+28	-119.5
5	1204+16	-141.6
6	1204+61	-165.8
7	1207+00	-161.8



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 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

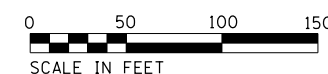
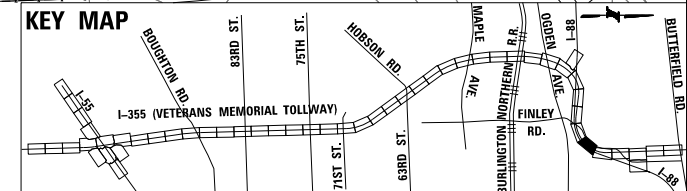
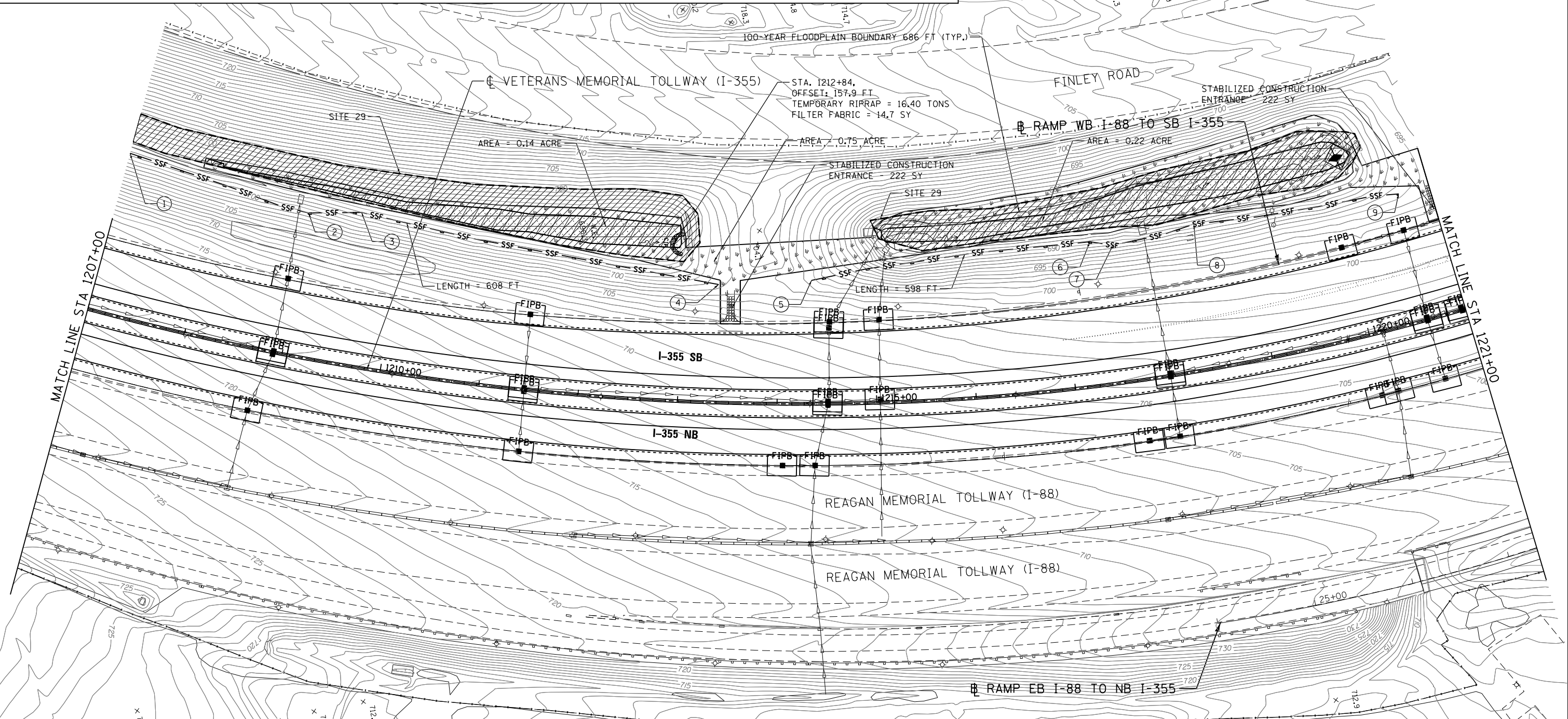
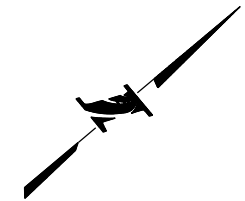
CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 1193+00 - STA 1207+00

SHT NO. EC41
 DRAWING NO.
 636 OF 1517

LEGEND:

- | | | | | | |
|--|---|--|---|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SILT FENCE (JS280050) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | SUPER SILT FENCE (JS280100) | | WOU |
| | | | CULVERT INLET PROTECTION - STONE | | WETLANDS |
| | | | TEMPORARY DITCH CHECK | | PERMANENT IMPACT |
| | | | EXISTING DITCH FLOW | | TEMPORARY IMPACT |
| | | | DETENTION POND | | FLOODPLAIN BOUNDARY |
| | | | ROADSIDE DITCH | | FLOODWAY BOUNDARY |

POINT NUMBER	STATION	OFFSET
1	1207+00	-161.8
2	1209+00	-144.1
3	1209+51	-154.2
4	1213+36	-118.5
5	1214+34	-123.9
6	1217+31	-144.7
7	1217+54	-138.2
8	1218+43	-146.1
9	1220+63	-129.5



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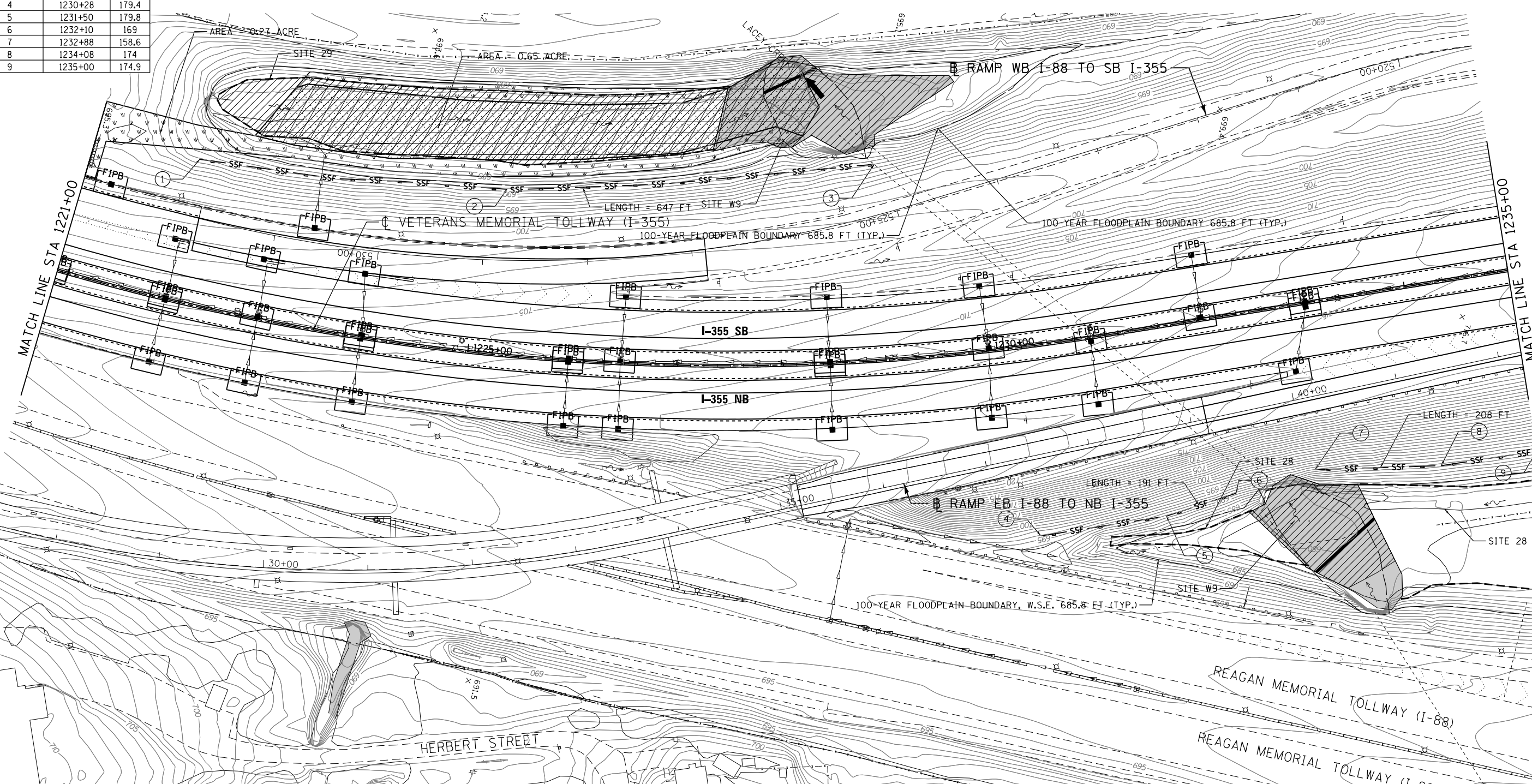


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 DOWNERS GROVE,
 ILLINOIS 60515

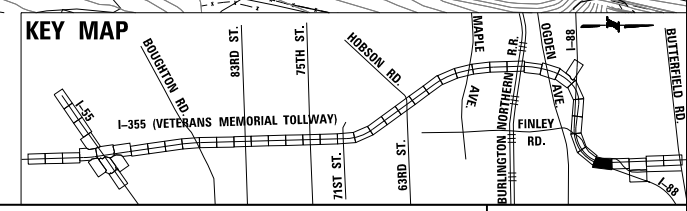
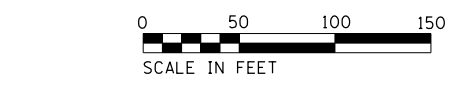
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 1207+00 - STA 1221+00
 SHT NO. EC42
 DRAWING NO. 637 OF 1517

POINT NUMBER	STATION	OFFSET
1	1222+07	-137.5
2	1225+21	-158.7
3	1228+93	-187.5
4	1230+28	179.4
5	1231+50	179.8
6	1232+10	169
7	1232+88	158.6
8	1234+08	174
9	1235+00	174.9



LEGEND:	
	SEEDING, CLASS 2E (JS250220) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)
	SEEDING, CLASS 4F (JS250318) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)
	SEEDING, CLASS 4B (JS250314) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)
	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050)
	FIPB FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210)
	RIP RECTANGULAR INLET PROTECTION (JS280180)
	SSF SILTY FENCE (JS280050)
	SSF SUPER SILTY FENCE (JS280100)
	CIP CULVERT INLET PROTECTION - STONE
	TDC TEMPORARY DITCH CHECK
	EDF EXISTING DITCH FLOW
	DP DETENTION POND
	RD Roadside Ditch
	SCE STABILIZED CONSTRUCTION ENTRANCE
	TREE
	NEC NON-ERODIBLE COFFERDAM
	WOUS
	WETLANDS
	PERMANENT IMPACT
	TEMPORARY IMPACT
	FLOODPLAIN BOUNDARY
	FLOODWAY BOUNDARY



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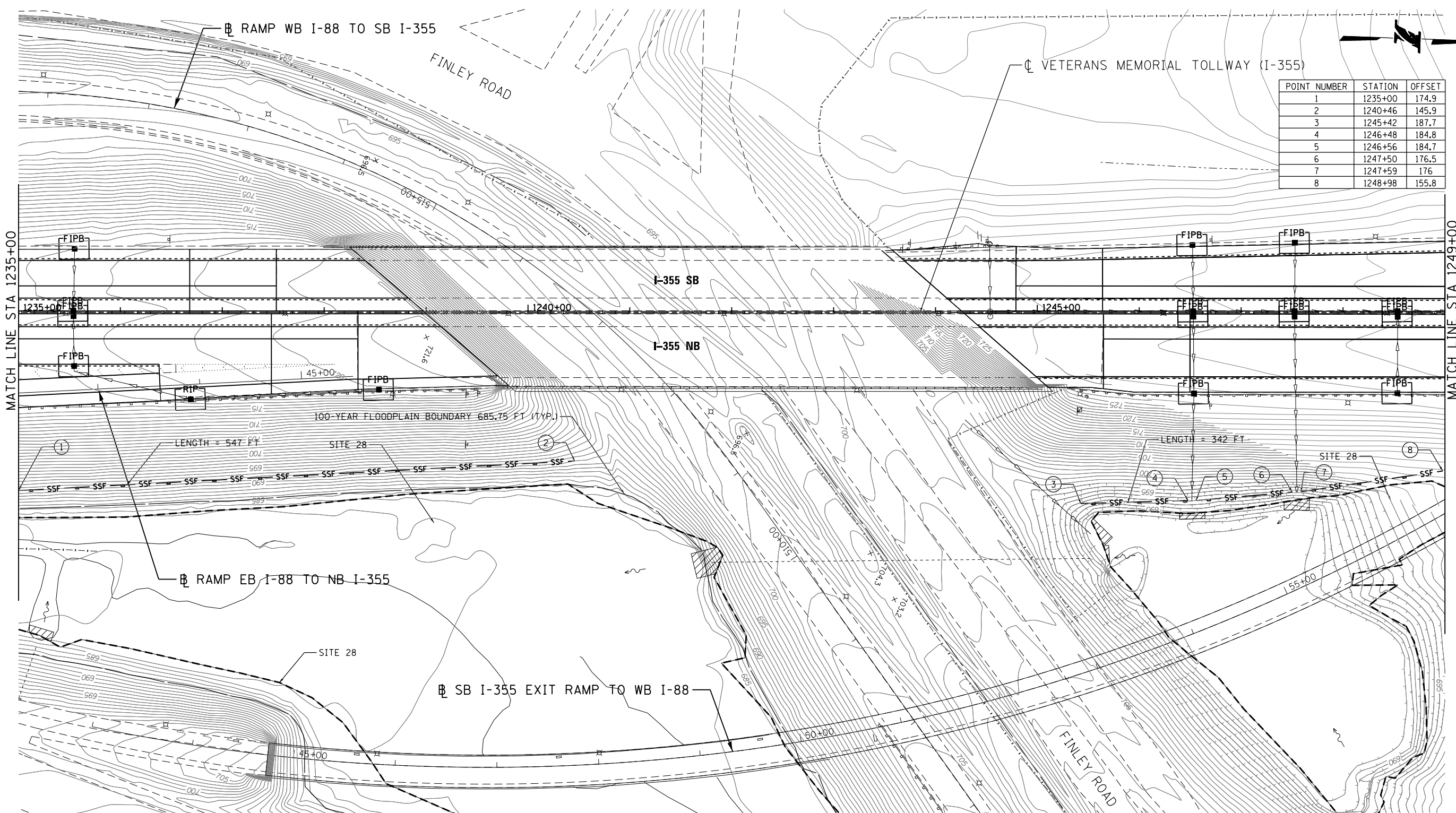
2im GROUP
 2IM Group, LLC
 118 South Clinton St.
 Suite 350
 Chicago, IL 60661

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 1221+00 - STA 1235+00

SHT NO. EC43
 DRAWING NO.
 638 OF 1517

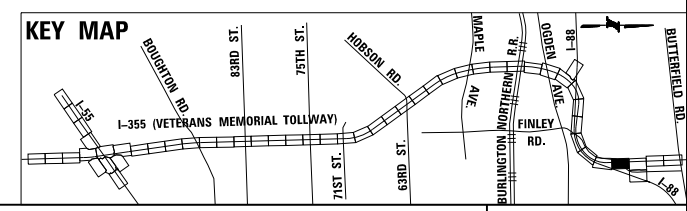


POINT NUMBER	STATION	OFFSET
1	1235+00	174.9
2	1240+46	145.9
3	1245+42	187.7
4	1246+48	184.8
5	1246+56	184.7
6	1247+50	176.5
7	1247+59	176
8	1248+98	155.8

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LEGEND:

- | | | | | | |
|--|---|--|--|--|----------------------------------|
| | SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | FIPB FILTER FABRIC INLET PROTECTION,
BASKET TYPE (JS280210) | | STABILIZED CONSTRUCTION ENTRANCE |
| | SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | RIP RECTANGULAR INLET PROTECTION (JS280180) | | TREE |
| | SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (JI211110)
EROSION CONTROL BLANKET (25100630) | | SSF SUPER SILT FENCE (JS280100) | | NON-ERODIBLE COFFERDAM |
| | ARTICULATED CONCRETE BLOCK REVETMENT
SYSTEM (JT285050) | | CIP CULVERT INLET PROTECTION - STONE | | WOUS |
| | | | TDC TEMPORARY DITCH CHECK | | WETLANDS |
| | | | EDF EXISTING DITCH FLOW | | PERMANENT IMPACT |
| | | | DP DETENTION POND | | TEMPORARY IMPACT |
| | | | RD Roadside Ditch | | FLOODPLAIN BOUNDARY |
| | | | | | FLOODWAY BOUNDARY |



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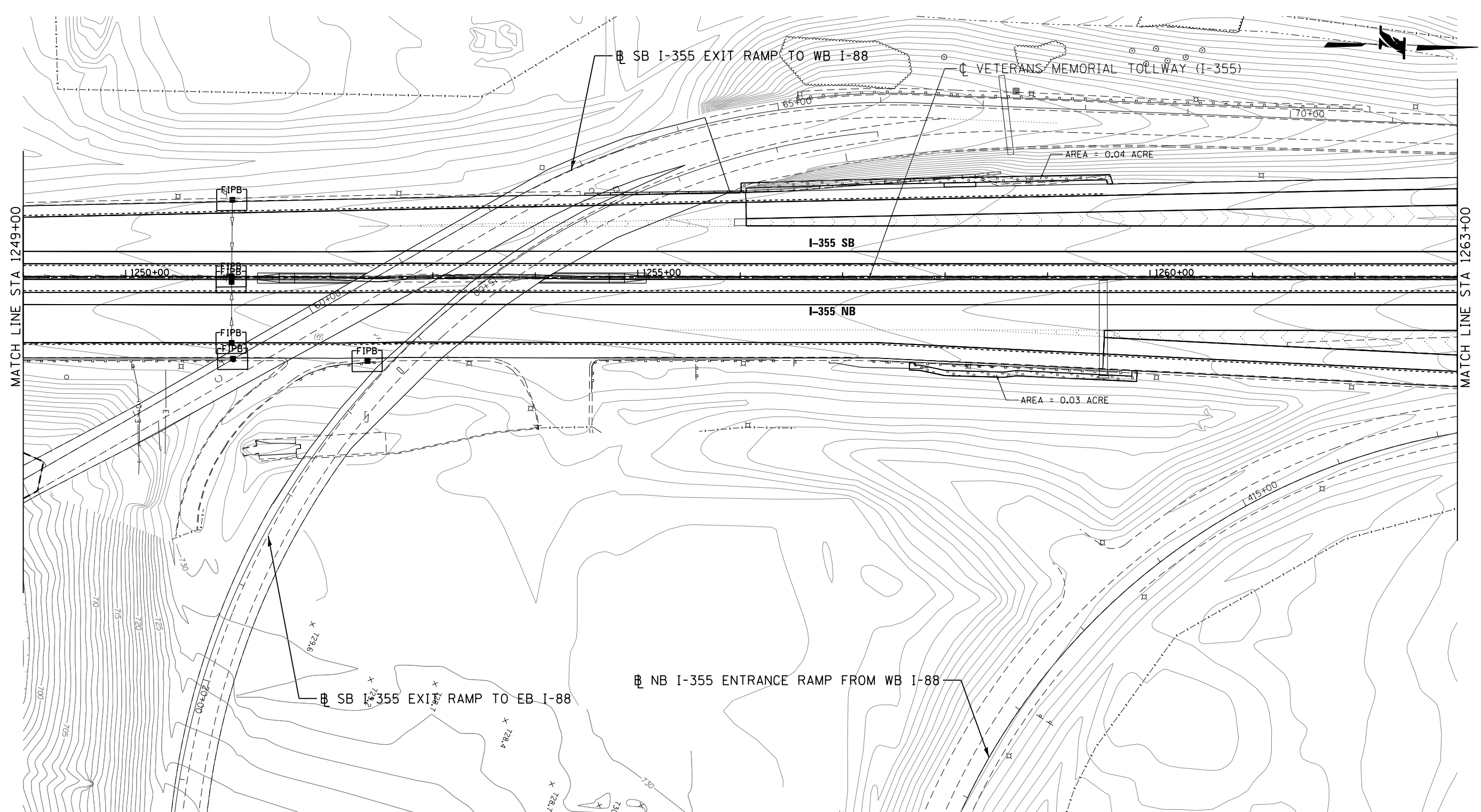
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 1235+00 - STA 1249+00

SHT NO. EC44
 DRAWING NO.
 639 OF 1517

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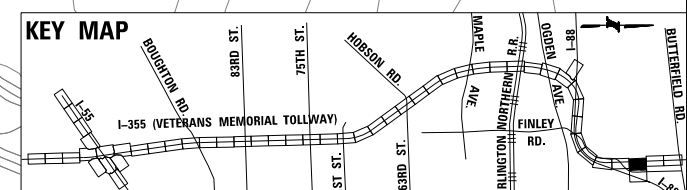


LEGEND:

- SEEDING, CLASS 2E (JS250220)
TOPSOIL EXCAVATION AND PLACEMENT (J1211110)
EROSION CONTROL BLANKET (25100630)
- SEEDING, CLASS 4F (JS250318)
TOPSOIL EXCAVATION AND PLACEMENT (J1211110)
EROSION CONTROL BLANKET (25100630)
- SEEDING, CLASS 4B (JS250314)
TOPSOIL EXCAVATION AND PLACEMENT (J1211110)
EROSION CONTROL BLANKET (25100630)
- ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050)

- FIPB FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210)
- RIP RECTANGULAR INLET PROTECTION (JS280180)
- SSF SILTY FENCE (JS280050)
- SUPER SILTY FENCE (JS280100)
- CIP CULVERT INLET PROTECTION - STONE
- TD TEMPORARY DITCH CHECK
- ED EXISTING DITCH FLOW
- DP DETENTION POND
- RD ROADSIDE DITCH

- SCE STABILIZED CONSTRUCTION ENTRANCE
- T TREE
- NEC NON-ERODIBLE COFFERDAM
- WOUS
- WETLANDS
- PI PERMANENT IMPACT
- TI TEMPORARY IMPACT
- FB FLOODPLAIN BOUNDARY
- FW FLOODWAY BOUNDARY



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 Chicago, IL 60661

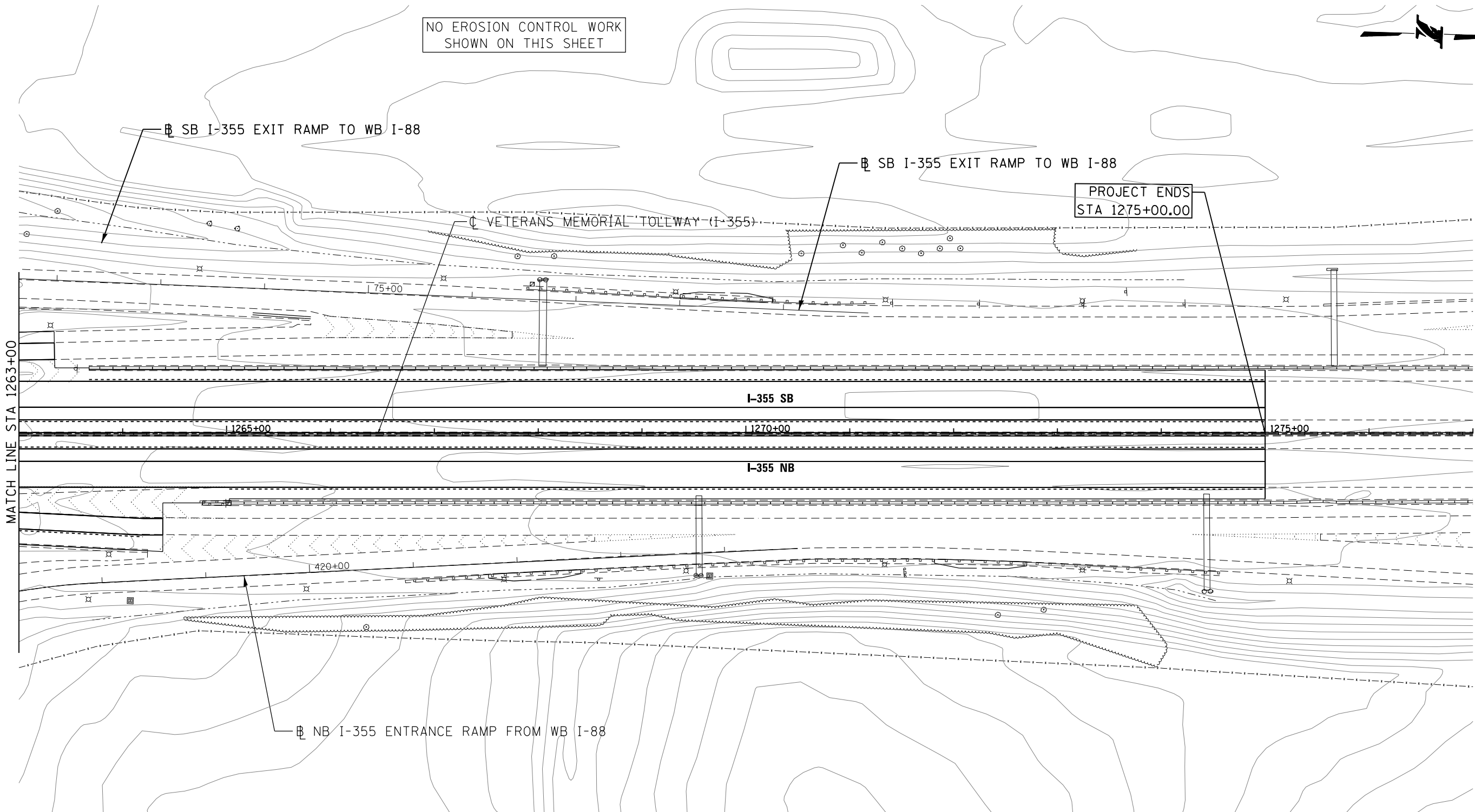
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 EROSION CONTROL & LANDSCAPE PLAN
 STA 1249+00 - STA 1263+00

SHT NO. EC45
 DRAWING NO.
 640 OF 1517

NO EROSION CONTROL WORK SHOWN ON THIS SHEET

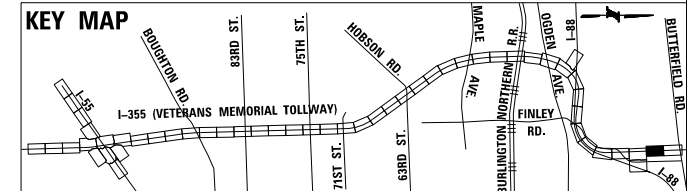


MATCH LINE STA 1263+00

PROJECT ENDS
STA 1275+00.00

LEGEND:

	SEEDING, CLASS 2E (JS250220) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)		FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210)		STABILIZED CONSTRUCTION ENTRANCE
	SEEDING, CLASS 4F (JS250318) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)		RECTANGULAR INLET PROTECTION (JS280180)		TREE
	SEEDING, CLASS 4B (JS250314) TOPSOIL EXCAVATION AND PLACEMENT (JI211110) EROSION CONTROL BLANKET (25100630)		SILT FENCE (JS280050) SUPER SILT FENCE (JS280100)		NON-ERODIBLE COFFERDAM
	ARTICULATED CONCRETE BLOCK REVETMENT SYSTEM (JT285050)		CULVERT INLET PROTECTION - STONE		WOUS
			TEMPORARY DITCH CHECK		WETLANDS
			EXISTING DITCH FLOW		PERMANENT IMPACT
			DETENTION POND		TEMPORARY IMPACT
			ROADSIDE DITCH		FLOODPLAIN BOUNDARY
					FLOODWAY BOUNDARY



DRAWN BY SA DATE 3/11/2018
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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
EROSION CONTROL & LANDSCAPE PLAN
STA 1263+00 - STA 1277+00

SHT NO. EC46
DRAWING NO.
641 OF 1517

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LANDSCAPING SCHEDULE

	TREE REMOVAL (6 TO 15 UNITS)	NITROGEN FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	TOPSOIL FURNISH AND PLACE, 4"	SEEDING, CLASS 2E	SEEDING, CLASS 4B	SEEDING, CLASS 4F	TREE PROTECTION	ARTICULATED CONCRETE BLOCK REVTMENT SYSTEM	RECORD QUANTITIES
PAY ITEM NO.	20100110	25000400	25000600	25200110	J1211124	JS250220	JS250314	JS250318	JS280120	JT285050	
UNIT	UNIT	POUND	POUND	SQ YD	SQ YD	ACRE	ACRE	ACRE	FOOT	SQ YD	
DRAWING NO.											
EC-03		0.72	2.16		116.16	0.004	0.01	0.01			
EC-04		163.5	490.5		26378	1.01	1.44	3			
EC-05		2.7	8.1		435.6	0.03		0.06			
EC-06		89.4	268.2		14423.2	0.46	0.63	1.89			
EC-07											
EC-08		0.03	0.09		4.84		0.001				
EC-09											
EC-10											
EC-11											
EC-12											
EC-13											
EC-14											
EC-15											
EC-16											
EC-17											
EC-18		5.4	16.2		871.2	0.03	0.02	0.13			
EC-19	20	42.6	127.8		6872.8	0.21	0.72	0.49			
EC-20											
EC-21		4.5	13.5		726	0.09	0.06				
EC-22		0.63	1.89		101.64		0.021				
EC-23		0.03	0.09		4.84		0.001				
EC-24		0.03	0.09		4.84		0.001				
EC-25											
EC-26		0.96	2.88		154.88	0.03	0.002				
EC-27		8.1	24.3		1306.8	0.27					
EC-28											
EC-29											
EC-30		5.43	16.29		876.04		0.181				
EC-31		12.33	36.99		1989.24		0.411				
EC-32		1.08	3.24		174.24	0.03	0.006				
EC-33		0.66	1.98		106.48	0.02	0.002				
EC-34		30.63	91.89		4941.64		0.681	0.34			
EC-35	1	18.3	54.9		2952.4	0.13	0.11	0.37			
EC-36		7.2	21.6		1161.6	0.24					
EC-37		1.26	3.78		203.28		0.042				
EC-38		0.03	0.09		4.84		0.001			332	
EC-39											
EC-40		0.06	0.18		9.68		0.002				
EC-41		10.2	30.6		1645.6		0.15	0.19			
EC-42		33.3	99.9		5372.4		0.36	0.75			
EC-43		27.6	82.8		4452.8		0.65	0.27			
EC-44											
EC-45		2.1	6.3		338.8	0.07					
EC-46											
NOMINAL QTY	231	33.9	101.7	250	5469.2	1.13			400		
TOTAL	252	503	1,508	250	81,022	3.75	5.50	7.50	400	332	

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DRAWN BY KP DATE 3/11/2018
 CHECKED BY JM DATE 3/11/2018



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 LANDSCAPING SCHEDULE

SHT NO. EC48
 DRAWING NO. 643 OF 1517

SHEET NUMBER	STATION	LT/RT	SIGN NUMBER				SIGN TYPE	ADJUST STUB POST HEIGHT	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNTED	SIGN SIZE		REMOVE AND RELOCATE SIGN			SIGN INSTALLATION			WOOD SIGN SUPPORT			STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY				REINFORCEMENT BAR	DRILLED SHAFT CONCRETE FOUNDATIONS		
			(EACH)	(EACH)	WIDTH (FT)	HEIGHT (FT)			TYPE 1 (SQ.FT.)	TYPE 2 (SQ.FT.)	TYPE 3 (SQ.FT.)	TYPE 1 (SQ.FT.)	TYPE 2 (SQ.FT.)	TYPE 3 (SQ.FT.)	P1 (FT)	P2 (FT)	PAY LENGTH (FT)	POST 1 (FT)	POST 2 (FT)	TYPE	WEIGHT (POUND)	POUND	(CU YD)						
			73700100	73700200					JT 724221	JT 724222	JT 724223	JT 720100	JT 720110	JT 720120				73000100						72700100	50800105	73400200			
PMS-21	702+09.00	RT	NB	VM	TS	001	E			1.25	5																		
PMS-21	702+09.00	CL	NB	VM	BM	002	E			1.25	5																		
PMS-21	702+09.00	LT	SB	VM	TS	003	E			1.25	5																		
PMS-21	702+09.00	CL	SB	VM	BM	004	E			1.25	5																		
PMS-22	703+98.00	LT	SB	VM	LP	005	E			4	5																		
PMS-22	705+92.00	CL	NB	VM	BM	006	E			3	4																		
PMS-22	705+92.00	CL	SB	VM	BM	007	E			3	4																		
PMS-22	705+97.00	LT	SB	VM	WP	008	R			4	4																		
PMS-22	710+96.00	RT	NB	VM	SP	009	E			11.5	2.5																		
PMS-22	710+96.00	RT	NB	VM	SP	010	E				11																		
PMS-22	710+96.00	RT	NB	VM	SP	011	E			11.5	2.5																		
PMS-22	710+96.00	RT	NB	VM	SP	012	E				11																		
PMS-22	711+00.00	CL	SB	VM	SP	013	E			4	5																		
PMS-22	711+00.00	CL	SB	VM	SP	014	E			4	3																		
PMS-22	711+42.00	LT	SB	VM	LP	015	E			4	5																		
PMS-22	711+42.00	LT	SB	VM	LP	016	E			4	3																		
PMS-22	714+03.00	LT	SB	VM	WP	017	E			2	1																		
PMS-22	714+03.00	LT	SB	VM	WP	018	E			2	2.5																		
PMS-22	714+79.00	RT	NB	VM	WP	019	P			6	3			18		16		16											
PMS-22	715+41.00	RT	NB	VM	BM	020	E			1.25	5																		
PMS-22	715+41.00	CL	NB	VM	BM	021	E			1.25	5																		
PMS-22	715+41.00	LT	SB	VM	BM	022	E			1.25	5																		
PMS-22	715+41.00	CL	SB	VM	BM	023	E			1.25	5																		
PMS-22	716+40.00	LT	SB	VM	TS	024	E			6	3																		
PMS-23	728+00.00	CL	NB	VM	BM	025	E			4	5																		
PMS-23	728+00.00	CL	NB	VM	BM	026	E			4	3																		
PMS-23	728+57.00	RT	NB	VM	TS	027	E			1.25	4																		
PMS-23	728+57.00	CL	NB	VM	BM	028	E			1.25	4																		
PMS-23	720+25.00	LT	SB	VM	WP	029	E			4	4																		
PMS-23	722+50.00	LT	SB	VM	WP	030	E			8	5																		
PMS-23	724+80.00	LT	SB	VM	WP	031	E			4	5																		
PMS-23	727+95.00	LT	SB	VM	WP	032	E			4	5																		
PMS-23	727+95.00	LT	SB	VM	WP	033	E			4	3																		
PMS-23	728+57.00	LT	SB	VM	TS	034	E			1.25	4																		
PMS-23	728+57.00	CL	SB	VM	BM	035	E			1.25	4																		
PMS-24	733+37.00	RT	NB	VM	SP	036	R			18	9																		
PMS-24	733+37.00	RT	NB	VM	SP	037	P			18	9					162													
PMS-24	733+37.00	RT	NB	VM	SP	038	E			11.5	2.5																		
PMS-24	733+37.00	RT	NB	VM	SP	039	E			17	11																		
PMS-24	733+37.00	RT	NB	VM	SP	040	E			11.5	2.5																		
PMS-24	733+37.00	RT	NB	VM	SP	041	E			14	9																		
PMS-24	737+56.00	RT	NB	VM	WP	042	E			9	5																		
PMS-24	741+03.00	RT	NB	VM	TS	043	E			1.25	5																		
PMS-24	741+03.00	CL	NB	VM	BM	044	E			1.25	5																		
PMS-24	741+03.00	LT	SB	VM	TS	045	E			1.25	5																		
PMS-24	741+03.00	CL	SB	VM	BM	046	E			1.25	5																		
PMS-25	752+59.00	RT	NB	VM	CL	047	E			10	2.5																		
PMS-25	752+59.00	RT	NB	VM	CL	048	E			16	8																		
PMS-25	753+68.00	RT	NB	VM	LP	049	E			4	5																		
PMS-25	754+85.00	RT	NB	VM	TS	050	E			1.25	5																		
PMS-25	754+85.00	CL	NB	VM	BM	051	E			1.25	5																		
PMS-25	756+31.00	RT	NB	VM	WP	052	E			9	5																		
PMS-25	757+96.00	RT	NB	VM	BS	053	RL		2	10	2.5					25													
PMS-25	757+96.00	RT	NB	VM	BS	054	RL		2	19.5	6					117			14.4	16.1	W6x15	599.5	156		1.4				
PMS-25	754+85.00	LT	SB	VM	TS	055	E		1	1.25	5																		
PMS-25	754+85.00	CL	SB	VM	BM	056	E			1.25	5																		
PMS-26	767+86.00	RT	NB	VM	TS	057	E			1.25	5																		
PMS-26	767+86.00	CL	NB	VM	BM	058	E			1.25	5																		
PMS-26	760+66.00	LT	SB	VM	WP	059	RL			9	6					54													
PMS-26	767+86.00	LT	SB	VM	TS	060	E			1.25	5																		
PMS-26	767+86.00	CL	SB	VM	BM	061	E			1.25	5																		
PMS-26	768+56.00	LT	SB	VM	SP	062	E			20	8																		
PMS-26	768+56.00	LT	SB	VM	SP	063	R			11	2.5																		
PMS-26	768+56.00	LT	SB	VM	SP	064	E			13	6.5																		
PMS-26	768+56.00	LT	SB	VM	SP	065	R			11	2.5																		
PMS-26	768+56.00	LT	SB	VM	SP	066	E			18	11.5																		
PMS-26	769+98.00	LT	SB	VM	LP	067	E			4	5																		
PMS-27	778+96.00	RT	NB	VM	WP	068	R			2																			
PAGE TOTAL																													
							1	6	2				0	0	196	0	18	162								599.5	156		1.4

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DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
SIGN SCHEDULE

SHT NO. PMS-01
DRAWING NO. 644 OF 1517

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SHEET NUMBER	STATION	LT/RT	SIGN NUMBER				SIGN TYPE	ADJUST STUB POST HEIGHT	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNTED	SIGN SIZE		REMOVE AND RELOCATE SIGN			SIGN INSTALLATION			WOOD SIGN SUPPORT			STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY				REINFORCEMENT BAR	DRILLED SHAFT CONCRETE FOUNDATIONS										
									(EACH)	(EACH)	WIDTH (FT)	HEIGHT (FT)	TYPE 1 (SQ.FT.)	TYPE 2 (SQ.FT.)	TYPE 3 (SQ.FT.)	TYPE 1 (SQ.FT.)	TYPE 2 (SQ.FT.)	TYPE 3 (SQ.FT.)	P1 (FT)	P2 (FT)	PAY LENGTH (FT)	POST 1 (FT)	POST 2 (FT)	TYPE	WEIGHT (POUND)	POUND	(CU YD)										
									73700100	73700200	JT 724221	JT 724222	JT 724223	JT 720100	JT 720110	JT 720120	73000100																				
PMS-27	778+96.00	RT	NB	VM	BS	069	P			16.5	7																										
PMS-27	781+25.00	RT	NB	VM	TS	070	E			1.25	4																										
PMS-27	781+25.00	CL	NB	VM	BM	071	E			1.25	4																										
PMS-27	781+39.00	RT	NB	VM	LP	072	R			4	4																										
PMS-27	781+39.00	RT	NB	VM	LP	073	R			4	1																										
PMS-27	785+70.00	RT	NB	VM	LP	074	E			2	1																										
PMS-27	785+70.00	RT	NB	VM	LP	075	E			2.5	2																										
PMS-27	778+95.00	LT	SB	VM	WP	076	RL			9	6			54																							
PMS-27	781+25.00	LT	SB	VM	TS	077	E			1.25	4																										
PMS-27	781+25.00	CL	SB	VM	BM	078	E			1.25	4																										
PMS-27	781+36.00	LT	SB	VM	LP	079	E			4	5																										
PMS-27	784+29.00	LT	SB	VM	SP	080	RL			20	8			160																							
PMS-27	784+29.00	LT	SB	VM	SP	081	RL			11.5	2.5			28.75																							
PMS-27	784+29.00	LT	SB	VM	SP	082	E			17.5	12																										
PMS-27	784+29.00	LT	SB	VM	SP	083	RL			11.5	2.5			28.75																							
PMS-27	784+29.00	LT	SB	VM	SP	084	E			14.5	11																										
PMS-28	787+73.00	RT	NB	VM	LP	085	E			4	4																										
PMS-28	788+79.00	RT	NB	VM	BS	086	RL			9.5	2.5		23.75																								
PMS-28	788+79.00	RT	NB	VM	BS	087	RL		2	13	7		91							15.1	16.1	W6x15	610	156												1.4	
PMS-28	790+89.00	RT	NB	VM	BS	088	E			27	12																										
PMS-28	791+99.00	RT	NB	VM	LP	089	E			4	5																										
PMS-28	793+45.00	CL	NB	VM	BM	090	E			3	4																										
PMS-28	794+09.00	RT	NB	VM	LP	091	E			4	3																										
PMS-28	794+59.00	RT	NB	VM	TS	092	E		1	1.25	5																										
PMS-28	794+59.00	CL	NB	VM	BM	093	E			1.25	5																										
PMS-28	798+37.00	RT	NB	VM	CL	094	E			9.5	2.5																										
PMS-28	798+37.00	RT	NB	VM	CL	095	E			17.5	7																										
PMS-28	799+29.00	RT	NB	VM	BS	096	RL		2	11	9		99							16.8	17.5	W6x15	656.5													1.4	
PMS-28	793+45.00	CL	SB	VM	BM	097	E			4	5																										
PMS-28	794+53.00	LT	SB	VM	TS	098	E		1	1.25	5																										
PMS-28	794+53.00	CL	SB	VM	BM	099	E			1.25	5																										
PMS-29	805+00.00	RT	NB	VM	WP	100	R			8	5																										
PMS-29	805+00.00	RT	NB	VM	BS	101	P			13.5	7						94.5				15.5	16.9	W6x15	628	156										1.4		
PMS-29	805+11.00	RT	NB	VM	LP	102	R			4	5																										
PMS-29	805+11.00	RT	NB	VM	LP	103	P			4	5																										
PMS-29	807+33.00	RT	NB	VM	LP	104	E			4	4																										
PMS-29	807+59.00	RT	NB	VM	TS	105	E		1	1.25	5																										
PMS-29	807+59.00	CL	NB	VM	BM	106	E			1.25	5																										
PMS-29	809+52.00	RT	NB	VM	LP	107	E			4	5																										
PMS-29	809+91.00	RT	NB	VM	SP	108	E			27	12																										
PMS-29	809+91.00	RT	NB	VM	SP	109	E			9.5	2.5																										
PMS-29	809+91.00	RT	NB	VM	SP	110	E			16.5	8																										
PMS-29	811+84.00	RT	NB	VM	LP	111	E			4	5																										
PMS-29	805+14.00	LT	SB	VM	LP	112	E			2	1																										
PMS-29	805+14.00	LT	SB	VM	LP	113	E			2.5	2																										
PMS-29	807+35.00	LT	SB	VM	LP	114	E			4	5																										
PMS-29	807+59.00	LT	SB	VM	TS	115	E		1	1.25	5																										
PMS-29	807+59.00	CL	SB	VM	BM	116	E			1.25	5																										
PMS-29	810+96.00	LT	SB	VM	SP	117	R			14	2.5																										
PMS-29	810+96.00	LT	SB	VM	SP	118	E			25	18																										
PMS-30	815+75.00	RT	NB	VM	WP	119	E			6.5	5																										
PMS-30	818+88.00	RT	NB	VM	LP	120																															

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SHEET NUMBER	STATION	LT/RT	SIGN NUMBER	SIGN TYPE	ADJUST STUB POST HEIGHT	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNTED	SIGN SIZE		REMOVE AND RELOCATE SIGN			SIGN INSTALLATION			WOOD SIGN SUPPORT			STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY				REINFORCEMENT BAR POUND	DRILLED SHAFT CONCRETE FOUNDATIONS (CU YD)		
								WIDTH (FT)	HEIGHT (FT)	Type 1	Type 2	Type 3	P1	P2	PAY LENGTH (FT)	POST 1 (FT)	POST 2 (FT)	TYPE	WEIGHT (POUND)	POUND	(CU YD)					
										(SQ.FT.)	(SQ.FT.)	(SQ.FT.)	(SQ.FT.)	(SQ.FT.)								(SQ.FT.)			(SQ.FT.)	
						73700100	73700200			JT 724221	JT 724222	JT 724223	JT 720100	JT 720110	JT 720120	73000100							72700100	50800105	73400200	
PMS-43	1006+40.00	LT	SB VM WP 341	P GUIDE				4.5	3					13.5	JT 720120		16		16							
PMS-43	1010+77.00	LT	SB VM LP 342	E PLAZA				4	5																	
PMS-44	1011+51.00	RT	NB VM LP 343	E PLAZA				4	5																	
PMS-44	1013+35.00	RT	NB VM WP 344	RL WARNING		1		4	4		16						16		16							
PMS-44	1017+79.00	RT	NB VM NW 345	R GUIDE				3	3																	
PMS-44	1017+79.00	RT	NB VM NW 346	P GUIDE				5.5	3					16.5												
PMS-44	1018+81.00	RT	NB VM TS 347	E INFORMATION				1.25	5																	
PMS-44	1018+81.00	RT	NB VM BM 348	E INFORMATION				1.25	5																	
PMS-44	1027+02.00	RT	NB VM TS 349	E REGULATORY				4	5																	
PMS-44	1013+93.00	LT	SB VM BS 350	RL PLAZA		2		16	9			144							16.5	17	W8x18	672.5	156	1.4		
PMS-44	1016+91.00	LT	SB VM TS 351	E GUIDE				4	4																	
PMS-44	1018+87.00	LT	SB VM TS 352	E INFORMATION				1.25	5																	
PMS-44	1018+87.00	LT	SB VM BM 353	E INFORMATION				1.25	5																	
PMS-44	1020+58.00	LT	SB VM NW 354	R GUIDE				3	3																	
PMS-44	1020+58.00	LT	SB VM NW 355	P GUIDE				5.5	3					16.5												
PMS-44	1021+45.00	LT	SB VM SP 356	E GUIDE				10	2.5																	
PMS-44	1021+45.00	LT	SB VM SP 357	E GUIDE				12.5	7																	
PMS-44	1021+45.00	LT	SB VM SP 358	E GUIDE				10	2.5																	
PMS-44	1021+45.00	LT	SB VM SP 359	E GUIDE				17.5	6																	
PMS-44	1023+27.00	LT	SB VM LP 360	E WARNING				4	5																	
PMS-45	1029+93.00	RT	NB VM BS 361	RL GUIDE		2		10	2.5			25														
PMS-45	1029+93.00	RT	NB VM BS 362	RL GUIDE		2		15	6			90							14.5	13	W6x15	554.5	156	1.4		
PMS-45	1031+94.00	RT	NB VM TS 363	E INFORMATION	1			1.25	5																	
PMS-45	1031+94.00	CL	NB VM BM 364	E INFORMATION				1.25	5																	
PMS-45	1031+94.00	RT	NB VM BS 365	R GUIDE		2		10	6																	
PMS-45	1031+94.00	RT	NB VM BS 366	P GUIDE				13.5	7						94.5				15.4	14	W6x15	583	156	1.4		
PMS-45	1034+59.00	RT	NB VM WP 367	RL GUIDE		1		2	1		2															
PMS-45	1034+59.00	RT	NB VM WP 368	RL GUIDE		1		2.5	2	5							16					16				
PMS-45	1038+93.00	RT	NB VM BS 369	R GUIDE		2		9	7																	
PMS-45	1038+93.00	RT	NB VM BS 370	P GUIDE				16	10						160				18	17	W10x22	745	220	2.36		
PMS-45	1029+96.00	LT	SB VM BS 371	R GUIDE		2		10	6																	
PMS-45	1029+96.00	LT	SB VM BS 372	P GUIDE				16	10						160				18.6	17	W10x26	808	274	2.54		
PMS-45	1031+94.00	LT	SB VM TS 373	E INFORMATION	1			1.25	5																	
PMS-45	1031+94.00	CL	SB VM BM 374	E INFORMATION				1.25	5																	
PMS-45	1034+96.00	LT	SB VM BS 375	RL PLAZA				11	9			99							17.1	16	W6x15	638.5	156	1.4		
PMS-45	1037+75.00	LT	SB VM LP 376	E REGULATORY				4	5																	
PMS-46	1043+89.00	RT	NB VM WP 377	E REGULATORY				4	5																	
PMS-46	1043+89.00	RT	NB VM WP 378	E REGULATORY				4	3																	
PMS-46	1045+25.00	RT	NB VM TS 379	E INFORMATION	1			1.25	4																	
PMS-46	1045+25.00	CL	NB VM BM 380	E INFORMATION				1.25	4																	
PMS-46	1045+25.00	RT	NB VM SP 381	E GUIDE				11	2.5																	
PMS-46	1045+64.00	RT	NB VM SP 382	E GUIDE				14	12																	
PMS-46	1045+64.00	RT	NB VM SP 383	RL GUIDE				11	2.5			27.5														
PMS-46	1045+64.00	RT	NB VM SP 384	R GUIDE				11	14																	
PMS-46	1045+64.00	RT	NB VM SP 385	P GUIDE				13	12						156											
PMS-46	1045+64.00	RT	NB VM SP 386	E GUIDE				10	2.5																	
PMS-46	1045+64.00	RT	NB VM SP 387	E GUIDE				20	5																	
PMS-46	1051+53.00	RT	NB VM LP 388	E WARNING				4	5																	
PMS-46	1039+97.00	LT	SB VM BS 389	RL GUIDE				9.5	2.5			23.75							15	18	W6x15	637	156	1.4		
PMS-46	1034+20.00	LT	SB VM BS 390	P GUIDE				14	8						112				16.2	15	W6x15	610	156	1.4		
PMS-46	1039+97.00	LT	SB VM BS 391	R GUIDE		2		16.5	7																	
PMS-46	1043+12.00	LT	SB VM LP 392	E REGULATORY				4	5																	
PMS-46	1045+25.00	LT	SB VM TS 393	E INFORMATION				1.25	4																	
PMS-46	1045+25.00	CL	SB VM BM 394	E INFORMATION				1.25	4																	
PMS-46	1052+75.00	LT	SB VM WP 395	E WARNING				4	4																	
PMS-47	1053+21.00	RT	NB VM WP 396	E GUIDE				6.5	5																	
PMS-47	1058+33.00	RT	NB VM TS 397	E INFORMATION	1			1.25	5																	
PMS-47	1058+33.00	CL	NB VM BM 398	E INFORMATION				1.25	5																	
PMS-47	1062+62.00	RT	NB VM TS 399	R GUIDE				3	3																	
PMS-47	1062+62.00	RT	NB VM WP 400	P GUIDE				5	3					15			16									
PMS-47	1062+94.00	RT	NB VM BR 401	E GUIDE				45	15																	
PMS-47	402+69.00	RT	NB VM BS 402	RL PLAZA		2		16	9			144							16.8	17.7	W8x18	687.5	156	1.4		
PMS-47	1058+33.00	LT	SB VM TS 403	E INFORMATION	1			1.25	5																	
PMS-47	1058+33.00	CL	SB VM BM 404	E INFORMATION				1.25	5																	
PMS-47	1064+87.00	LT	SB VM TS 405	R GUIDE				3	3																	
PMS-47	1064+87.00	LT	SB VM WP 406	P GUIDE				5	3					15			16									
PMS-48	1068+01.00	RT	NB VM TS 407	E REGULATORY				4	4																	
PMS-48	1072+61.00	RT	NB VM LP 408	E PLAZA				4	5																	
PAGE TOTAL						5	19	10			7	39.75	529.5	0	76.5	682.5								5936	1586	14.7

DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018

SEE
3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
(630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

NO.	DATE	REVISIONS	
		DESCRIPTION	

CONTRACT NO. RR-16-4255
SIGN SCHEDULE

SHT NO. PMS-06
DRAWING NO. 649 OF 1517

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SHEET NUMBER	STATION	LT/RT	SIGN NUMBER				SIGN TYPE	ADJUST STUB POST HEIGHT	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNTED	SIGN SIZE		REMOVE AND RELOCATE SIGN			SIGN INSTALLATION			WOOD SIGN SUPPORT			STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY			REINFORCEMENT BAR	DRILLED SHAFT CONCRETE FOUNDATIONS	
									(EACH)	(EACH)	WIDTH (FT)	HEIGHT (FT)	TYPE 1 (SQ.FT.)	TYPE 2 (SQ.FT.)	TYPE 3 (SQ.FT.)	TYPE 1 (SQ.FT.)	TYPE 2 (SQ.FT.)	TYPE 3 (SQ.FT.)	P1 (FT)	P2 (FT)	PAY LENGTH (FT)	POST 1 (FT)	POST 2 (FT)	TYPE	WEIGHT (POUND)	POUND	(CU YD)
									73700100	73700200			JT 724221	JT 724222	JT 724223	JT 720100	JT 720110	JT 720120	73000100						72700100	50800105	73400200
PMS-48	1072+64.00	RT	NB	VM	TS	409	E	INFORMATION	1		1.25	5															
PMS-48	1072+64.00	CL	NB	VM	BM	410	E	INFORMATION			1.25	5															
PMS-48	1075+99.00	RT	NB	VM	WP	411	RL	WARNING	1		4	4		16					16		16						
PMS-48	1072+64.00	LT	SB	VM	TS	412	E	INFORMATION	1		1.25	5															
PMS-48	1072+64.00	CL	SB	VM	BM	413	E	INFORMATION			1.25	5															
PMS-48	1079+03.00	LT	SB	VM	BS	414	RL	PLAZA	2		11	9			99						16.7	16	W6x15	632.5	156	1.4	
PMS-48	1080+41.00	LT	SB	VM	WP	415	RL	GUIDE	2		6.5	5			32.5					16	16	32					
PMS-49	1085+24.00	RT	NB	VM	TS	416	E	INFORMATION	1		1.25	5															
PMS-49	1085+24.00	CL	NB	VM	TS	417	E	INFORMATION			1.25	5															
PMS-49	1085+39.00	RT	NB	VM	WP	418	R	INFORMATION	2		7	4															
PMS-49	1085+39.00	RT	NB	VM	BS	419	P	INFORMATION			12.5	7				87.5					14.5	14	W6x15	569.5	156	1.4	
PMS-49	1088+97.00	RT	NB	VM	SP	420	E	GUIDE			11	2.5															
PMS-49	1088+97.00	RT	NB	VM	SP	421	E	GUIDE			15	12															
PMS-49	1088+97.00	RT	NB	VM	SP	422	E	GUIDE			11	2.5															
PMS-49	1088+97.00	RT	NB	VM	SP	423	E	GUIDE			15	15															
PMS-49	1090+31.00	RT	NB	VM	LP	424	E	GUIDE			2	1															
PMS-49	1090+31.00	RT	NB	VM	LP	425	E	GUIDE			2.5	2															
PMS-49	1090+57.00	RT	NB	VM	TS	426	R	GUIDE			3	3															
PMS-49	1090+57.00	RT	NB	VM	WP	427	P	GUIDE			6.5	3				19.5				16		16					
PMS-49	1092+61.00	RT	NB	VM	LP	428	E	REGULATORY			4	5															
PMS-49	1092+61.00	RT	NB	VM	LP	429	E	REGULATORY			4	3															
PMS-49	1085+27.00	LT	SB	VM	TS	430	E	INFORMATION	1		1.25	5															
PMS-49	1085+24.00	CL	SB	VM	TS	431	E	INFORMATION			1.25	5															
PMS-49	1086+97.00	LT	SB	VM	SP	432	E	GUIDE			10	2.5															
PMS-49	1086+97.00	LT	SB	VM	SP	433	E	GUIDE			14	9															
PMS-49	1086+97.00	LT	SB	VM	SP	434	E	GUIDE			10	2.5															
PMS-49	1086+97.00	LT	SB	VM	SP	435	E	GUIDE			17	7															
PMS-49	1087+94.00	LT	SB	VM	LP	436	E	REGULATORY			4	5															
PMS-49	1091+87.00	LT	SB	VM	TS	437	R	GUIDE			3	3															
PMS-49	1091+87.00	LT	SB	VM	NW	438	P	GUIDE			5	3				15											
PMS-50	1098+01.00	RT	NB	VM	TS	439	E	INFORMATION			1.25	4															
PMS-50	1098+01.00	RT	NB	VM	BM	440	E	INFORMATION			1.25	4															
PMS-50	1103+63.00	RT	NB	VM	SP	441	E	GUIDE			11	2.5															
PMS-50	1103+63.00	RT	NB	VM	SP	442	E	GUIDE			15	12															
PMS-50	1103+63.00	RT	NB	VM	SP	443	RL	GUIDE			11	2.5															
PMS-50	1103+63.00	RT	NB	VM	SP	444	E	GUIDE			15	15															
PMS-50	1098+01.00	LT	SB	VM	TS	445	E	INFORMATION			1.25	4															
PMS-50	1098+01.00	LT	SB	VM	TS	446	E	INFORMATION			1.25	4															
PMS-50	1099+10.00	LT	SB	VM	LP	447	E	GUIDE			4	3															
PMS-50	1102+90.00	LT	SB	VM	CL	448	E	GUIDE			10	2.5															
PMS-50	1102+90.00	LT	SB	VM	CL	449	E	GUIDE			18	12															
PMS-50	1107+52.00	LT	SB	VM	BS	450	E	PLAZA			8	9															
PMS-50	1108+53.00	LT	SB	VM	WP	451	E	GUIDE			2	1															
PMS-50	1108+53.00	LT	SB	VM	WP	452	E	GUIDE			2.5	2															
PMS-51	1110+14.00	RT	NB	VM	WP	453	RL	GUIDE	2		9	5		45						16	16	32					
PMS-51	1111+30.00	RT	NB	VM	TS	454	E	INFORMATION	1		1.25	5															
PMS-51	1111+30.00	CL	NB	VM	BM	455	E	INFORMATION			1.25	5															
PMS-51	1113+96.00	RT	NB	VM	SP	456	E	GUIDE			14	13															
PMS-51	1113+96.00	RT	NB	VM	SP	457	R	GUIDE			9.5	2.5															
PMS-51	1113+96.00	RT	NB	VM	SP	458	E	GUIDE			20	14															
PMS-51	1113+96.00	RT	NB	VM	SP	459	E	GUIDE			11	2.5															
PMS-51	1113+96.00	RT	NB	VM	SP	460	E	GUIDE			18	10															
PMS-51	116+04.00	RT	NB	VM	LP	461	E	WARNING			4	5															
PMS-51	1117+45.00	RT	NB	VM	WP	462	E	GUIDE			9	5															
PMS-51	111+30.00	LT	SB	VM	TS	463	E	INFORMATION			1.25	5															
PMS-51	111+30.00	CL	SB	VM	BM	464	E	INFORMATION			1.25	5															
PMS-51	1119+82.00	LT	SB	VM	WP	465	RL	WARNING	1		4	4		16						16		16					
PMS-52	1124+37.00	RT	NB	VM	TS	466	E	INFORMATION			1.25	5															
PMS-52	1124+37.00	CL	NB	VM	BM	467	E	INFORMATION			1.25	5															
PMS-52	1126+95.00	RT	NB	VM	TS	468	R	GUIDE			3	3															
PMS-52	1126+95.00	RT	NB	VM	WP	469	P	GUIDE			5	3															
PMS-52	1124+37.00	LT	SB	VM	TS	470	E	INFORMATION	1		1.25	5															
PMS-52	1124+37.00	CL	SB	VM	BM	471	E	INFORMATION			1.25	5															
PMS-52	1126+02.00	LT	SB	VM	BS	472	E	GUIDE			10	2.5															
PMS-52	1126+02.00	LT	SB	VM	BS	473	E	GUIDE			15	7															
PMS-52	1129+31.00	LT	SB	VM	TS	474	R	GUIDE			3	3															
PMS-52	1129+31.00	LT	SB	VM	WP	475	P	GUIDE			5	3															
PMS-52	1135+35.00	LT	SB	VM	WP	476	RL	WARNING	1		4	4		16													
PAGE TOTAL								6	11	4	4	4	0	48	176.5	0	64.5	87.5	16		160			1202	312	2.8	

DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018



NO.		DATE	REVISIONS DESCRIPTION

CONTRACT NO. RR-16-4255
 SIGN SCHEDULE
 SHT NO. PMS-07
 DRAWING NO. 650 OF 1517

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SHEET NUMBER	STATION	LT/RT	SIGN NUMBER					SIGN TYPE	ADJUST STUB POST HEIGHT	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNTED	SIGN SIZE		REMOVE AND RELOCATE SIGN			SIGN INSTALLATION			WOOD SIGN SUPPORT			STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY				REINFORCEMENT BAR	DRILLED SHAFT CONCRETE FOUNDATIONS				
										(EACH)	(EACH)	WIDTH (FT)	HEIGHT (FT)	TYPE 1 (SQ.FT.)	TYPE 2 (SQ.FT.)	TYPE 3 (SQ.FT.)	TYPE 1 (SQ.FT.)	TYPE 2 (SQ.FT.)	TYPE 3 (SQ.FT.)	P1 (FT)	P2 (FT)	PAY LENGTH (FT)	POST 1 (FT)	POST 2 (FT)	TYPE	WEIGHT (POUND)	POUND	(CU YD)				
										73700100	73700200			JT724221	JT724222	JT724223	JT720100	JT720110	JT720120				73000100				72700100	50800105	73400200			
PMS-53	1137+87.00	RT	NB	VM	TS	477	E	INFORMATION	1			1.25	5																			
PMS-53	1137+87.00	CL	NB	VM	BM	478	E	INFORMATION				1.25	5																			
PMS-53	1139+58.00	RT	NB	VM	WP	479	WP	WARNING				4	4																			
PMS-53	1145+21.00	RT	NB	VM	TS	480	E	GUIDE				7.5	3																			
PMS-53	1149+17.00	RT	NB	VM	WP	481	E	GUIDE				2	1																			
PMS-53	1149+17.00	RT	NB	VM	WP	482	E	GUIDE				2.5	2																			
PMS-53	1137+87.00	LT	SB	VM	TS	483	E	INFORMATION	1			1.25	5																			
PMS-53	1137+87.00	CL	SB	VM	BM	484	E	INFORMATION				1.25	5																			
PMS-53	1144+24.00	LT	SB	VM	WP	485	RL	GUIDE		2		6.5	5		32.5				16	16	32											
PMS-53	1147+01.00	LT	SB	VM	TS	486	E	GUIDE	2			7.5	3																			
PMS-53	1149+48.00	LT	SB	VM	LP	487	E	WARNING				4	5																			
PMS-53	1150+72.00	LT	SB	VM	LP	488	E	REGULATORY				4	5																			
PMS-53	1149+43.00	LT	SB	VM	SP	489	E	GUIDE				10	2.5																			
PMS-53	1149+43.00	LT	SB	VM	SP	490	E	GUIDE				15	7																			
PMS-53	1149+43.00	LT	SB	VM	SP	491	E	GUIDE				10	2.5																			
PMS-53	1149+43.00	LT	SB	VM	SP	492	E	GUIDE				18	8																			
PMS-54	1151+05.00	RT	NB	VM	TS	493	E	INFORMATION	1			1.25	4																			
PMS-54	1151+05.00	CL	NB	VM	BM	494	E	INFORMATION				1.25	4																			
PMS-54	1151+22.00	RT	NB	VM	LP	495	E	REGULATORY				4	5																			
PMS-54	1151+22.00	RT	NB	VM	LP	496	E	REGULATORY				4	3																			
PMS-54	1154+24.00	RT	NB	VM	TS	497	R	GUIDE				3	3																			
PMS-54	1154+24.00	RT	NB	VM	WP	498	P	GUIDE				9.5	3						28.5	16	16	32										
PMS-54	1163+81.00	RT	NB	VM	TS	499	E	INFORMATION	1			1.25	5																			
PMS-54	1163+81.00	CL	NB	VM	BM	500	E	INFORMATION				1.25	5																			
PMS-54	1151+05.00	LT	SB	VM	TS	501	E	INFORMATION	1			1.25	4																			
PMS-54	1151+05.00	CL	SB	VM	BM	502	E	INFORMATION				1.25	4																			
PMS-54	1159+12.00	LT	SB	VM	BR	503	E	GUIDE				10	2.5																			
PMS-54	1159+12.00	LT	SB	VM	BR	504	E	GUIDE				15	10																			
PMS-54	1163+81.00	LT	SB	VM	TS	505	E	INFORMATION	1			1.25	5																			
PMS-54	1163+81.00	CL	SB	VM	BM	506	E	INFORMATION				1.25	5																			
PMS-55	1174+91.00	RT	NB	VM	WP	507	E	REGULATORY				4	4																			
PMS-55	1175+97.00	RT	NB	VM	LP	508	E	REGULATORY				4	5																			
PMS-55	1175+97.00	RT	NB	VM	LP	509	E	REGULATORY				4	5																			
PMS-55	1178+07.00	RT	NB	VM	TS	510	E	INFORMATION	1			1.25	5																			
PMS-55	1178+07.00	CL	NB	VM	BM	511	E	INFORMATION				1.25	5																			
PMS-55	1178+07.00	LT	SB	VM	TS	512	E	INFORMATION				1.25	5																			
PMS-55	1178+07.00	CL	SB	VM	BM	513	E	INFORMATION				1.25	5																			
PMS-56	1180+01.00	RT	NB	VM	CL	514	E	GUIDE				10	205																			
PMS-56	1180+01.00	RT	NB	VM	CL	515	E	GUIDE				18	14																			
PMS-56	1190+97.00	RT	NB	VM	TS	516	E	INFORMATION				1.25	5																			
PMS-56	1190+97.00	CL	NB	VM	BM	517	E	INFORMATION				1.25	5																			
PMS-56	1190+97.00	LT	SB	VM	TS	518	E	INFORMATION				1.25	5																			
PMS-56	1190+97.00	CL	SB	VM	BM	519	E	INFORMATION				1.25	5																			
PMS-57	1204+10.00	RT	NB	VM	TS	520	E	INFORMATION	1			1.25	4																			
PMS-57	1204+10.00	CL	NB	VM	BM	521	E	INFORMATION				1.25	4																			
PMS-57	1193+33.00	LT	SB	VM	LP	522	E	WARNING				4	5																			
PMS-57	1195+32.00	LT	SB	VM	TS	523	R	GUIDE				3	3																			
PMS-57	1195+32.00	LT	SB	VM	WP	524	P	GUIDE				4.5	3						13.5	16	16											
PMS-57	1195+52.00	LT	SB	VM	LP	525	E	WARNING				4	5																			
PMS-57	1197+72.00	LT	SB	VM	LP	526	E	WARNING				4	5																			
PMS-57	1202+16.00	LT	SB	VM	LP	527	E	WARNING				4	4																			
PMS-57	1203+91.00	LT	SB	VM	BS	528	RL	GUIDE				10	2.5																			
PMS-57	1203+91.00	LT	SB	VM	BS	529	RL	GUIDE			2	16	11											19.5	21.1	W10X26	883	274	2.54			
PMS-57	1204+10.00	LT	SB	VM	TS	530	E	INFORMATION	1			1.25	4																			
PMS-57	1204+10.00	CL	SB	VM	BM	531	E	INFORMATION				1.25	4																			
PMS-58	1217+15.00	RT	NB	VM	TS	532	E	INFORMATION	1			1.25	5																			
PMS-58	1217+15.00	CL	NB	VM	BM	533	E	INFORMATION				1.25	5																			
PMS-58	1217+15.00	LT	SB	VM	TS	534	E	INFORMATION	1			1.25	5																			
PMS-58	1217+15.00	CL	SB	VM	BM	535	E	INFORMATION				1.25	5																			
PMS-59	1230+27.00	RT	NB	VM	TS	536	E	INFORMATION	1			1.25	5																			
PMS-59	1230+27.00	CL	NB	VM	BM	537	E	INFORMATION				1.25	5																			
PMS-59	1232+36.00	RT	NB	VM	WP	538	E	WARNING				4	4																			
PMS-59	1226+47.00	LT	SB	VM	WP	539	RL	WARNING			1	4	4							16	16	32										
PMS-59	1228+76.00	LT	SB	VM	WP	540	E	REGULATORY			1	4	5																			
PMS-59	1230+27.00	LT	SB	VM	TS	541	E	INFORMATION	1			1.25	5																			
PMS-59	1230+17.00	CL	SB	VM	BM	542	E	INFORMATION				1.25																				

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SHEET NUMBER	STATION	LT/RT	SIGN NUMBER					SIGN TYPE	ADJUST STUB POST HEIGHT	REMOVE GROUND MOUNTED SIGN SUPPORT	REMOVE CONCRETE FOUNDATION - GROUND MOUNTED	SIGN SIZE		REMOVE AND RELOCATE SIGN			SIGN INSTALLATION			WOOD SIGN SUPPORT			STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY				REINFORCEMENT BAR	DRILLED SHAFT CONCRETE FOUNDATIONS	
										(EACH)	(EACH)	WIDTH (FT)	HEIGHT (FT)	TYPE 1 (SQ.FT.)	TYPE 2 (SQ.FT.)	TYPE 3 (SQ.FT.)	TYPE 1 (SQ.FT.)	TYPE 2 (SQ.FT.)	TYPE 3 (SQ.FT.)	P1 (FT)	P2 (FT)	PAY LENGTH (FT)	POST 1 (FT)	POST 2 (FT)	TYPE	WEIGHT (POUND)	POUND	(CU YD)	
										73700100	73700200			JT 724221	JT 724222	JT 724223	JT 720100	JT 720110	JT 720120	73000100									
PMS-60	1245+63.00	RT	NB	VM	CL	550	E	GUIDE			10	2.5																	
PMS-60	1245+63.00	RT	NB	VM	CL	551	E	GUIDE			18	12																	
PMS-60	1246+78.00	RT	NB	VM	WP	552	E	GUIDE			12	4																	
PMS-60	1248+04.00	RT	NB	VM	LP	553	E	WARNING			4	4																	
PMS-60	1236+49.00	LT	SB	VM	WP	554	RL	REGULATORY		1	4	5		20															
PMS-60	1243+46.00	LT	SB	VM	TS	555	E	INFORMATION	1		1.25	5																	
PMS-60	1243+46.00	CL	SB	VM	BM	556	E	INFORMATION			1.25	5																	
PMS-60	1243+75.00	LT	SB	VM	TS	557	R	GUIDE			3	3																	
PMS-60	1243+75.00	LT	SB	VM	WP	558	P	GUIDE			4.5	3				13.5		16		16									
PMS-60	1244+51.00	LT	SB	VM	WP	559	RL	REGULATORY		1	4	5		20				16		16									
PMS-60	1244+51.00	LT	SB	VM	WP	560	RL	REGULATORY		1	4	3		12															
PMS-60	1248+32.00	LT	SB	VM	LP	561	E	GUIDE			2	1																	
PMS-60	1248+32.00	LT	SB	VM	LP	562	E	GUIDE			2.5	2																	
PMS-61	1250+52.00	RT	NB	VM	LP	563	E	REGULATORY			4	5																	
PMS-61	1250+52.00	RT	NB	VM	LP	564	E	REGULATORY			4	3																	
PMS-61	1255+57.00	RT	NB	VM	LP	565	R	GUIDE			13	7																	
PMS-61	1255+57.00	RT	NB	VM	BS	566	P	GUIDE			12	7				84				15.4	16.6	W6x15	622	156		1.4			
PMS-61	1256+00.00	RT	NB	VM	LP	567	E	REGULATORY			4	5																	
PMS-61	1256+55.00	RT	NB	VM	TS	568	E	INFORMATION			1.25	4																	
PMS-61	1256+55.00	CL	NB	VM	BM	569	E	INFORMATION			1.25	4																	
PMS-61	1259+50.00	RT	NB	VM	SP	570	E	GUIDE			14	12																	
PMS-61	1259+50.00	RT	NB	VM	SP	571	E	GUIDE			10	3.5																	
PMS-61	1259+50.00	RT	NB	VM	SP	572	E	GUIDE			26	13																	
PMS-61	1261+34.00	RT	NB	VM	TS	573	E	REGULATORY			4	5																	
PMS-61	1250+50.00	RT	SB	VM	LP	574	E	REGULATORY			4	5																	
PMS-61	1265+55.00	LT	SB	VM	BM	575	E	INFORMATION			1.25	4																	
PMS-61	1265+55.00	CL	SB	VM	BM	576	E	INFORMATION			1.25	4																	
PMS-62	1263+90.00	RT	NB	VM	WP	577	E	WARNING			4	4																	
PMS-62	1265+10.00	RT	NB	VM	TS	578	E	WARNING			4	4																	
PMS-62	1268+60.00	RT	NB	VM	BS	579	RL	GUIDE		2	12	4		48					12.4	13.6	W6x15	532	156		1.4				
PMS-62	1269+50.00	RT	NB	VM	SP	580	E	GUIDE			14	12																	
PMS-62	1269+50.00	RT	NB	VM	SP	581	E	GUIDE			10	2.5																	
PMS-62	1269+50.00	RT	NB	VM	SP	582	E	GUIDE			18	10																	
PMS-62	1271+65.00	RT	NB	VM	WP	583	R	PLAZA		2	11	7																	
PMS-62	1271+65.00	RT	NB	VM	BS	584	P	PLAZA			11	9				99			17.4	18.5	W8x18	708.5	156		1.4				
PMS-62	1274+45.00	RT	NB	VM	SP	585	R	GUIDE			14.5	13																	
PMS-62	1274+45.00	RT	NB	VM	SP	586	P	GUIDE			14.5	13				188.5													
PMS-62	1274+45.00	RT	NB	VM	SP	587	E	GUIDE			10	2.5																	
PMS-62	1274+45.00	RT	NB	VM	SP	588	E	GUIDE			18	11																	
PMS-62	1275+29.00	RT	NB	VM	TS	589	E	WARNING			4	5																	
PMS-62	1265+65.00	LT	SB	VM	TS	590	E	GUIDE			4	4																	
PMS-62	1267+10.00	LT	SB	VM	WP	591	E	WARNING			4	5																	
PMS-62	1268+00.00	LT	SB	VM	SP	592	E	GUIDE			12	11																	
PMS-62	1268+00.00	LT	SB	VM	SP	593	R	GUIDE			22	12																	
PMS-62	1268+00.00	LT	SB	VM	SP	594	P	GUIDE			24.5	11				269.5													
PMS-62	1273+68.00	LT	SB	VM	BS	595	R	INFORMATION		1	6	4																	
PMS-62	1273+68.00	LT	SB	VM	BS	596	P	INFORMATION			12.5	7				87.5		15.4	16.7	W6x15	623.5	156		1.4					
PMS-62	1268+00.00	LT	SB	VM	SP	597	P	GUIDE			13	10				130													
PMS-27	781+39.00	RT	NB	VM	LP	598	P	INFORMATION			4	5			20														
PMS-27	781+39.00	RT	NB	VM	LP	599	P	INFORMATION			2	2.5		5															
PMS-30	818+88.00	RT	NB	VM	LP	600	P	INFORMATION			4	5			20														
PMS-30	818+88.00	RT	NB	VM	LP	601	P	INFORMATION			2	2.5		5															
PMS-34	879+19.00	RT	NB	VM	LP	602	P	INFORMATION			4	5			20														
PMS-34	879+19.00	RT	NB	VM	LP	603	P	INFORMATION			2	2.5		5															
PMS-39	948+44.00	LT	SB	VM	CL	604	P	GUIDE			12	7			84														
PMS-62	1268+00.00	LT	SB	VM	SP	605	RL	GUIDE			2.5	9.5		23.75															
PMS-29	802+21.00	RT	NB	VM	WP	606	P	INFORMATION			4	5			20		16		16										
PMS-30	826+40.00	RT	NB	VM	BM	607	P	INFORMATION			4	5			20														
PMS-32	855+08.00	RT	NB	VM	WP	608	P	INFORMATION			4	5			20		16		16										
PMS-32	852+38.00	LT	SB	VM	WP	609	P	INFORMATION			4	5			20		16		16										
PMS-32	852+95.00	LT	SB	VM	WP	610	P	INFORMATION			4	5			20		16		16										
PMS-34	873+43.00	LT	SB	VM	WP	611	P	INFORMATION			4	5			20		16		16										
PMS-39	954+16.00	RT	NB	VM	WP	612	P	INFORMATION			4	5			20		16		16										
PMS-41	975+20.00	RT	NB	VM	WP	613	P	INFORMATION			4	5			20		16		16										
PMS-43	1007+00.00	RT	NB	VM	WP	614	P	INFORMATION			4	5			20		16		16										
PMS-43	1007+60.00	RT	NB	VM	WP	615	P	INFORMATION			4	5			20		16		16										
PMS-43	999+68.00	LT	SB	VM	WP	616	P	INFORMATION			4	5			20		16		16										
PAGE TOTAL								1	8	2			0	75.75	48	15	293.5	942.5					2486	624		5.6			

DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018



NO.		DATE	REVISIONS DESCRIPTION

CONTRACT NO. RR-16-4255
SIGN SCHEDULE

SHT NO. PMS-09
DRAWING NO

SIGN DETAIL
(Not to scale)



SIGN NUMBER	G-IT18D
WIDTH x HIGHT.	13'-6" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT

Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
NB-WM-BS-386-P

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE			
B	e	n	e	d	i	c	t	i	n	e					124.1	EM 2000
19	32.3	45.2	58.1	69.8	83.9	90.6	102.2	113.4	121.4	134.3						
U	n	i	v	e	r	s	i	t	y							13.3/10
25.7	41	55.1	61.6	74.5	87.4	95.6	106.7	115.3	125							
E	X	I	T	1	8											EM 2000
50.5	59.3	70.1	73.9	91.3	99.4										61.1	10.15

SIGN DETAIL
(Not to scale)



SIGN NUMBER	G-IT18D
WIDTH x HIGHT.	13'-6" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT

Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
SB-WM-BS-914-P
NB-WM-BS-901-P

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE			
B	o	l	i	n	g	b	r	o	o	k					124.9	EM 2000
18.6	31.9	45	53	61	73.9	88	100.9	109.5	121.5	134.7						
W	o	d	r	i	d	g	e									EM 2000
26.3	44.4	56.4	66.4	82.5	92.3	99.1	112	124.9							110.7	13.3/10
E	X	I	T	1	3											EM 2000
50.8	59.6	70.4	74.2	91.6	99										60.3	10.15

SIGN DETAIL
(Not to scale)



SIGN NUMBER	G-IT1
WIDTH x HIGHT.	12'-0" x 13'-0"
BORDER WIDTH	8"
CORNER RADIUS	10"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGENDBORDER	TYPE: Reflective
COLOR:	White/Black/White

SYMBOL	ROT	X	Y	WID	HT
MI_1	0	18.6	99.6	36	36

Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
NB-WM-SR-385-P

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE			
T	O	L	L													E 2000
73.6	84.3	97.1	108.1												43.6	12
A	u	r	o	r	a											EM 2000
33.1	53.1	70	80.4	96.3	106.7										84.2	16/12
C	h	i	c	a	g	o										EM 2000
25.8	43.3	60.2	68.4	82.5	98	113.5									98.6	16/12
1	M	I	L	E	S											EM 2000
48.7	66.2	80.3	85.1	94.1											52.8	15.10

SIGN DETAIL
(Not to scale)



SIGN NUMBER	G-IT1G
WIDTH x HIGHT.	12'-0" x 13'-0"
BORDER WIDTH	8"
CORNER RADIUS	10"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGENDBORDER	TYPE: Reflective
COLOR:	White/Black/White

SYMBOL	ROT	X	Y	WID	HT
MI_1	0	18.6	99.6	36	36

Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
NB-WM-SR-380-P

LETTER POSITIONS (X)												LENGTH	SERIES/SIZE			
T	O	L	L													E 2000
73.6	84.3	97.1	108.1												43.6	12
A	u	r	o	r	a											EM 2000
33.1	53.1	70	80.4	96.3	106.7										84.2	16/12
C	h	i	c	a	g	o										EM 2000
25.8	43.3	60.3	68.4	82.5	98	113.5									98.6	16/12
2	M	I	L	E	S											EM 2000
40	67.1	79.2	84	93	102.2										70.4	15.10

DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018

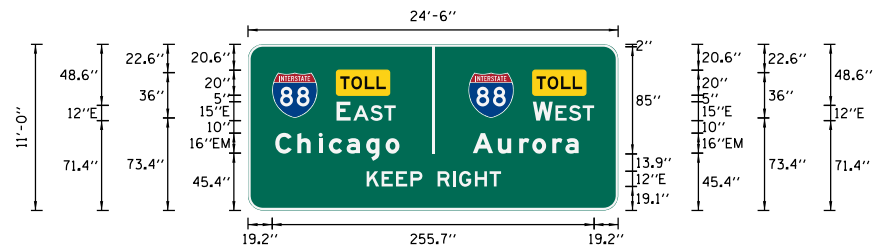


REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
SIGNING DETAILS

SHT NO.PMS-11
DRAWING NO.
654 OF 1517

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

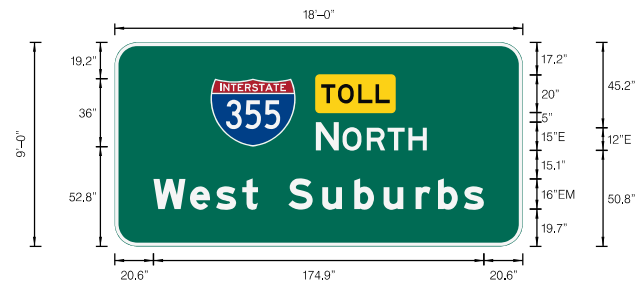
SIGN NUMBER
NB-VM-SP-594-P

SIGN NUMBER	G-IT3G
WIDTH x HIGHT.	24'-6" x 11'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT
	0	70.4	91.4	42	20
	0	226.2	91.4	42	20
MT_1	0	19.2	73.4	36	36
MT_1	0	175	73.4	36	36

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE			
E	A	S	T										E	2000	
70.4	83.6	97.2	106.2										46.9	15,12	
W	E	S	T											E	2000
226.2	244.1	254.8	265.8										48.6	15,12	
C	h	I	c	a	g	o								EM	2000
21.7	39.1	56.1	64.2	78.3	93.8	109.4							98.6	1612	
A	u	r	o	r	a									EM	2000
178.4	196.4	215.4	225.8	241.6	252								84.2	1612	
K	E	E	P	R	I	G	H	T						E	2000
94.2	106.1	117.5	128.9	138.6	150.6	162.7	167.6	180.1	191.9				106.7	12	

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

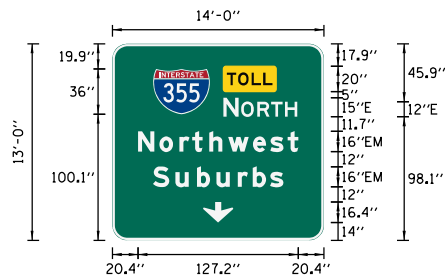
SIGN NUMBER
NB-VM-SP-037-P

SIGN NUMBER	G-IT7A
WIDTH x HIGHT.	18'-0" x 9'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT
	0	106.5	70.8	42	20
MT_1	0	50.8	52.8	45	36

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE			
N	O	R	T	H										E	2000
106.5	120.6	133.5	144.5	155.5										58.8	15,12
W	e	s	t	S	u	b	u	r	b	s				EM	2000
20.6	39.9	53.7	67.6	75.9	91.9	109.6	126.8	142.3	159.3	171.1	184.9		174.9	1612	

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

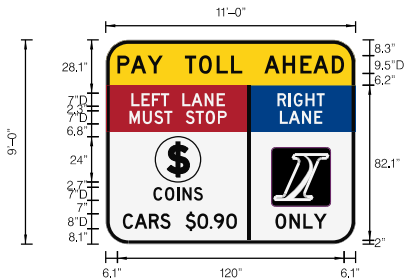
SIGN NUMBER
NB-VM-SP-696-P

SIGN NUMBER	G-HTH
WIDTH x HIGHT.	14'-0" x 13'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT
	0	88.1	116.1	42	20
MT_1	0	32.4	100.1	45	36
ARDOWN	0	72.1	14	23.9	16.4

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE			
N	O	R	T	H										E	2000
88.1	102.2	115.1	126.1	137.2										58.8	15,12
N	o	r	t	h	w	e	s	t						EM	2000
20.4	37.4	53.2	63.4	76.9	92.1	111.6	125.4	139.3					127.2	1612	
S	u	b	u	r	b	s								EM	2000
32.3	50.2	67.1	82.7	99.6	111.5	125.2							103.5	1612	

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
NB-VM-SS-530-P

SIGN NUMBER	P-HT2H
WIDTH x HIGHT.	11'-0" x 9'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
COLOR:	White/Red/Blue/Yellow
LEGENDBORDER	TYPE: Reflective
COLOR:	Black/White/Black

SYMBOL	ROT	X	Y	WID	HT
CASH	0	26.3	32.8	24	24
PASS	0	87.8	20	31.1	31.1

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE				
P	A	Y	T	O	L	L	A	H	E	A	D				D	2000
6.1	13.3	22	30.2	41.9	49.3	58.6	66.3	72.2	83.9	93.7	103	109.8	119.6	120	9.5	
L	E	F	T	L	A	N	E							EM	2000	
13.5	18.9	24.4	29.2	33.5	40.5	45.3	52.3	58.7						49.6	7	
R	I	G	H	T										D	2000	
90.8	96.8	99.4	105.7	111.5										25.1	7	
M	U	S	T	S	T	O	P							D	2000	
12.5	19.6	25.6	30.9	35.2	42.2	47.5	52.8	59.3						51.6	7	
L	A	N	E											D	2000	
92.1	96.8	103.8	110.3											22.6	7	
C	O	I	N	S										D	2000	
25.2	31.3	37.8	40.6	46.6										26.2	7	
C	A	R	S	\$	0	.	9	0						D	2000	
9	15.1	22.8	28.8	34.2	42.2	48.5	55	57.2	63.7					60.5	8	
O	N	L	Y											D	2000	
89.8	97.2	104.6	110											27.1	8	

DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
SIGNING DETAILS

SHT NO. PMS-12
DRAWING NO. 655 OF 1517

SIGN DETAIL
(Not to scale)



SIGN NUMBER	HT1
WIDTH x HIGHT.	12'-6" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
COLOR:	Brown
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT

Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
SB-VM-BS-419-P

LETTER POSITIONS (X)																LENGTH	SERIESIZE
M	o	r	t	o	n											69.3	EM 2000
40.4	56	69.2	77.7	87.7	100.9												13.3/10
A	r	b	o	r	e	t	u	m									EM 2000
19.3	35.9	45.7	57.4	70.6	79.3	90.8	102	116.1								111.5	13.3/10
E	X	I	T	Z	O	A											EM 2000
29.3	38.1	48.9	52.7	70.1	85.4	105.5										91.4	10.15

SIGN DETAIL
(Not to scale)



SIGN NUMBER	HT1
WIDTH x HIGHT.	12'-6" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Brown
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

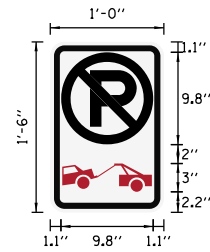
SYMBOL	ROT	X	Y	WID	HT

Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
SB-VM-BS-419-P

LETTER POSITIONS (X)																LENGTH	SERIESIZE
M	o	r	t	o	n											69.3	EM 2000
40.4	56	69.2	77.7	87.7	100.9												13.3/10
A	r	b	o	r	e	t	u	m									EM 2000
19.3	35.9	45.7	57.4	70.6	79.3	90.8	102	116.1								111.5	13.3/10
E	X	I	T	Z	O	A											EM 2000
40.7	49.5	60.3	64.1	81.5	96.8											68.7	10.15

SIGN DETAIL
(Not to scale)



SIGN NUMBER	RB-3A
WIDTH x HIGHT.	1'-0" x 1'-6"
BORDER WIDTH	0.63"
CORNER RADIUS	1.13"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	White
LEGENDBORDER	TYPE: Reflective
COLOR:	Black

SYMBOL	ROT	X	Y	WID	HT
RB_3A	0	1.1	7.2	9.8	9.8
Tow-Away Zone	0	1.2	2.2	9.5	3

SIGN NUMBER
SB-VM-P-159-P
SB-VM-P-163-P
SB-VM-P-171-P
SB-VM-P-182-P
SB-VM-P-184-P
SB-VM-P-196-P
NB-VM-P-198-P
NB-VM-P-199-P
NB-VM-P-190-P
NB-VM-P-191-P
NB-VM-P-195-P
NB-VM-P-199-P

Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)																LENGTH	SERIESIZE

SIGN DETAIL
(Not to scale)



SIGN NUMBER	G-HT18D
WIDTH x HIGHT.	16'-6" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

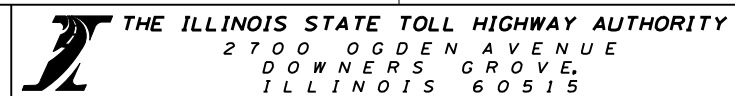
SYMBOL	ROT	X	Y	WID	HT

Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
NB-VM-BS-098-P
SB-VM-BS-245-P

LETTER POSITIONS (X)																LENGTH	SERIESIZE
P	r	o	m	e	n	a	d	e								114.9	EM 2000
41.5	55.5	64.2	77.3	96.1	109	121.9	134.8	147.7									13.3/10
B	o	I	I	n	g	b	r	o	o	k	D	r					EM 2000
19.2	32.5	45.7	53.6	61.6	74.5	86.6	101.5	110.2	122.1	135.3	144.1	157.4	172.2			159.6	13.3/10
E	X	I	T	I	S												EM 2000
68.9	77.8	88.5	92	109.5	117											60.3	10.15

DRAWN BY **AWH** DATE **3/11/2018**
CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
SIGNING DETAILS

SHT NO. PMS-13
DRAWING NO. **656 OF 1517**

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
NB-WM-BS-566-P

SIGN NUMBER	G-418D
WIDTH x HIGHT.	12'-0" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGEND/BORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
W	h	e	a	t	o	n						86.6	EM 2000
28.7	46	58.9	70.6	83.4	93.4	106.5						13.310	
O	a	k		B	r	a	o	a	k				EM 2000
18.4	32.4	46.5	55.2	68.5	83	91.7	103.7	116.8				107.2	13.310
E	X	I	T	2	2								EM 2000
37.8	46.6	57.4	61.2	78.6	94.1							68.4	10.15

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
NB-WM-BS-574-P

SIGN NUMBER	G-418D
WIDTH x HIGHT.	12'-0" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGEND/BORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
W	o	o	d	r	i	d	g	e					EM 2000
19.3	35.4	47.4	59.4	73.5	83.3	90.1	103	115.9				105.3	13.310
D	a	r	i	e	n								EM 2000
39	52.6	66.7	76.5	83.3	96.2							66	13.310
E	X	I	T	1	5								EM 2000
41.4	50.2	61	64.8	82.2	90.5							61.2	10.15

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
NB-WM-BS-316-P

SIGN NUMBER	G-416E
WIDTH x HIGHT.	16'-0" x 9'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGEND/BORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
W	o	o	d	r	i	d	g	e					EM 2000
44.1	60.2	72.1	84.1	98.2	108	114.8	127.7	140.6				105.3	13.310
N	a	p	e	r	v	i	l	e					EM 2000
42.8	56.7	70.8	82.5	95.4	103.8	117.9	125.9	133.8	140.6			106.8	13.310
D	o	w	n	e	r	s	G	r	o	v	e		EM 2000
18.1	31.7	43.4	60.8	73.7	86.6	95	103.8	117.1	131.8	140.5	152.2	165.1	13.310
E	X	I	T	1	7								EM 2000
65.8	74.6	85.4	89.2	106.6	114.1							60.5	10.15

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

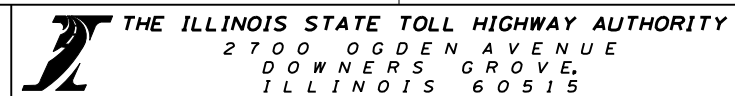
SIGN NUMBER
NB-WM-BS-370-P

SIGN NUMBER	G-416E
WIDTH x HIGHT.	16'-0" x 9'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGEND/BORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
L	i	s	e										EM 2000
72.1	84.9	91.4	104.3	111.1								47.8	13.310
N	a	p	e	r	v	i	l	e					EM 2000
42.8	56.7	70.8	82.5	95.4	103.8	117.9	125.9	133.8	140.6			106.8	13.310
D	o	w	n	e	r	s	G	r	o	v	e		EM 2000
18.1	31.7	43.4	60.8	73.7	86.6	95	103.8	117.1	131.8	140.5	152.2	165.1	13.310
E	X	I	T	1	8								EM 2000
65.8	74.6	85.4	89.2	106.6	114.7							61.1	10.15

DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
SIGNING DETAILS

SHT NO.PMS-14
DRAWING NO.
657 OF 1517

SIGN DETAIL
(Not to scale)



Dimensions are in Inches, tenths
Letter locations are panel edge to lower left corner

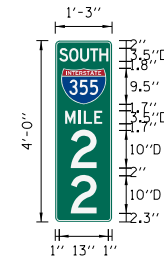
SIGN NUMBER
NB-VM-B5-391-P

SIGN NUMBER	G-11H
WIDTH x HIGHT.	14'-0" x 9'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE			
6	3	r	d	S	t										94.7	EM 2000	
36.6	52	69.8	80.2	90.7	106.7	123										EM 2000	
H	o	b	s	o	n	R	d									129.4	EM 2000
19.3	36.2	52.1	65.6	79.9	95.8	106.3	122.3	138.2									EM 2000
14	M	I	L	E												65.3	15,10
51.4	83.3	95.4	100.2	109.2													

SIGN DETAIL
(Not to scale)



Dimensions are in Inches, tenths
Letter locations are panel edge to lower left corner

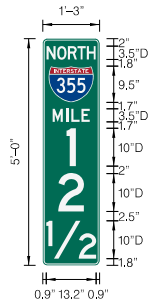
SIGN NUMBER
SB-VM-BM-575-P

SIGN NUMBER	HT2
WIDTH x HIGHT.	1'-3" x 4'-0"
BORDER WIDTH	0.25"
CORNER RADIUS	1"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT
MI_1	0	1.6	31.2	11.9	9.5

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE			
S	O	U	T	H													D 2000
1	3.7	6.6	9.2	11.7												13	3.5
M	I	L	E														D 2000
2.6	6.2	7.6	10.3													9.8	3.5
2																	D 2000
4.1																6.8	10
2																	D 2000
4.1																6.8	10

SIGN DETAIL
(Not to scale)



Dimensions are in Inches, tenths
Letter locations are panel edge to lower left corner

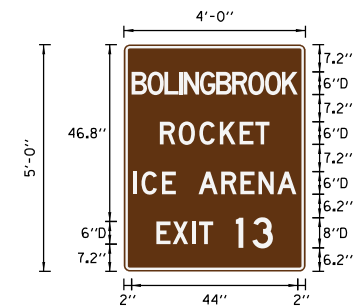
SIGN NUMBER
SB-VM-BM-575-P

SIGN NUMBER	HT2
WIDTH x HIGHT.	1'-3" x 5'-4"
BORDER WIDTH	0.25"
CORNER RADIUS	1"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Green
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT
MI_1	0	1.6	43.2	11.9	9.5

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE			
N	O	R	T	H													D 2000
1	3.8	6.7	9.2	11.6												13	3.5
M	I	L	E														D 2000
2.6	6.2	7.6	10.3													9.8	3.5
1																	D 2000
6.3																2.5	10
2																	D 2000
4.1																6.8	10
12																	D 2000
0.9																13.2	10

SIGN DETAIL
(Not to scale)



Dimensions are in Inches, tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER
NB-VM-P-103-P
SB-VM-L-175-P

SIGN NUMBER	HT1
WIDTH x HIGHT.	4'-0" x 5'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.13"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
COLOR:	Brown
LEGENDBORDER	TYPE: Reflective
COLOR:	White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE			
B	O	L	I	N	G	B	R	O	O	K							D 2000
2	6.2	10.7	14.6	15.8	20.1	24.4	26.6	32.9	37.3	41.8						44	6
R	O	C	K	E	T												D 2000
9.5	14.5	20	25.4	30.6	34.8											29	6
I	C	E	A	R	E	N	A										D 2000
2.3	4.6	10	13.7	19.7	25.7	30.8	35.6	40.6								43.3	6
E	X	I	T	I	S												D 2000
8.5	12.9	18	19.9	29.6	34											30.8	6.8

DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018

SE3
3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
(630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

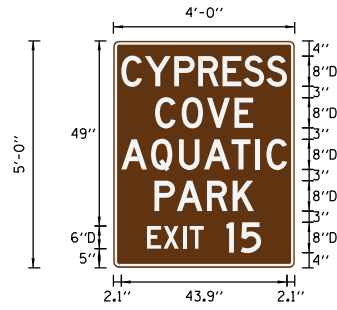
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
SIGNING DETAILS

SHT NO. PMS-15
DRAWING NO. 658 OF 1517

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SIGN DETAIL
(Not to scale)



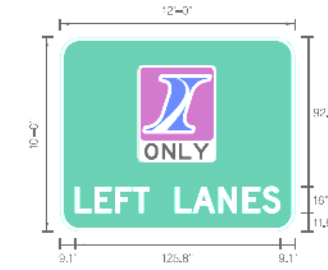
SIGN NUMBER	I-IT1
WIDTH x HIGHT.	4'-0" x 5'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.33"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Brown
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Dimensions are in Inches, tenths.
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
C	Y	P	R	E	S	S				43.8	D 2000
2.1	8.3	16.1	22.4	28.9	34.4	40.5				8	
C	O	V	E							26	D 2000
11	18.1	24.8	32.1							8	
A	Q	U	A	T	I	C				43.9	D 2000
2.1	9.9	17.4	24	31.3	37.5	40.5				8	
P	A	R	K							26.3	D 2000
10.9	16.8	24.8	31.6							8	
E	X	I	T	I	S					30.2	D 2000
8.9	13.2	18.3	20.2	29.9	33.7					6.8	

GUIDE SIGN ILLUSTRATION
Mainline Cash Plaza IPO Lanes; I-Pass Pictograph, Only, Left Lanes
(Not to scale)



SIGN NUMBER	G-IT12B
MUTCD CITATION	2F,13
WIDTH x HIGHT.	12'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green, White
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
I-Pass Only	0	48	42.8	48	60

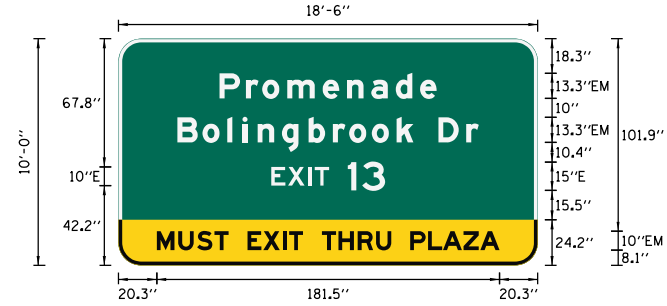
Dimensions are in Inches, tenths.
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
L	E	F	T	L	A	N	E	S		125.8	D 2000
15.4	27.7	40.3	51.2	77.1	88	104	118.7	132.3		15	

Illinois Tollway Roadway Signing and Pavement Marking Guidelines - 2017

4 - G-IT 12B

SIGN DETAIL
(Not to scale)



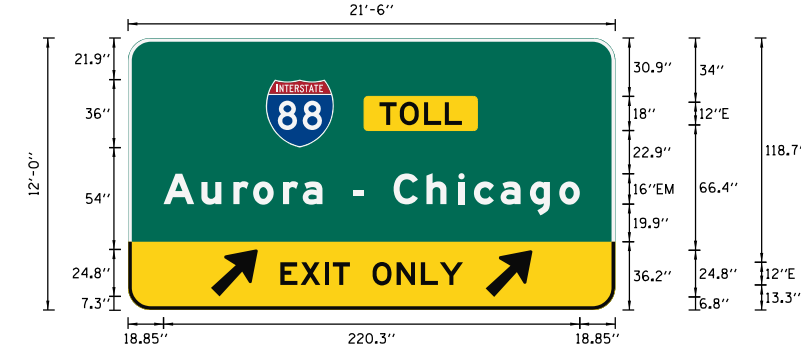
SIGN NUMBER	G-IT18D
WIDTH x HIGHT.	18'-6" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: Black/White/White

SYMBOL	ROT	X	Y	WID	HT

Dimensions are in Inches, tenths.
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE
P	r	o	m	e	n	a	d	e		114.9	EM 2000
53.5	67.5	76.2	89.3	108.1	121	133.9	146.8	159.7		13.3	10
B	o	l	i	n	g	b	r	o	D r	159.6	EM 2000
31.2	44.5	57.7	65.7	73.6	86.5	100.6	113.5	122.2	134.1 147.3 156.1 169.4 184.2	13.3	10
E	X	I	T	I	S					60.3	E 2000
80.9	89.8	100.5	104	121.5	129					10.15	
M	U	S	T	E	X	I	T	T	H R U P L A Z A	181.5	EM 2000
20.3	31.7	41.7	50.9	58.3	68.3	76.7	87	90.4 97.8 107.8 116.5 126.7 136.4 144.5 154.5 163.9 171.8 182.7 191.6	10		

SIGN DETAIL
(Not to scale)



SIGN NUMBER	G-IT1C
WIDTH x HIGHT.	21'-6" x 12'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: Black/White/White

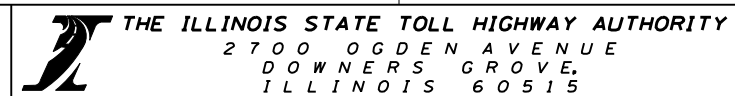
SYMBOL	ROT	X	Y	WID	HT
MI 1	0	73	86.1	36	36
AR_Type A	315	43.9	7.2	20	31.5
AR_Type A	315	189.3	6.9	20	31.5

Dimensions are in Inches, tenths.
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE						
T	O	L	L							43.6	E 2000						
133.2	143.9	156.7	167.8							12							
A	u	r	o	r	a	-	C	h	i	c	a	g	o	220.3	EM 2000		
18.8	38.8	55.8	66.2	82	92.4	103	119	124.6	140.6	158	175	183.2	197.2	212.8	228.3	16	
E	X	I	T	O	N	L	Y									96.6	E 2000
80.7	91.4	104.2	108.4	117.4	129.4	142.3	155.1	165.1								12	

P:\projects\pms16\prj\main\chicago\comp\PRD\Documents\01 Projects\2016\20161616_Veterans Memorial Tollway\Drawings\Current Drawing Files\4255-SHT-SIGN-DETAIL-SE3006.dgn

DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
SIGNING DETAILS

SHT NO. PMS-16
DRAWING NO. 659 OF 1517

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths.
Letter locations are panledge to lower left corner

SIGN NUMBER
NB-WM-WP-286-P
SB-WM-WP-137-P

SIGN NUMBER	H14B
WIDTH x HIGHT.	6'-0" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
B	o	u	g	h	t	o	n					59.1	EM 2000
6.5	14.5	22.4	30.2	38.6	46.3	52.3	60.2						
R	o	a	d									28.2	EM 2000
21.9	29.8	37	44.8										

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths.
Letter locations are panledge to lower left corner

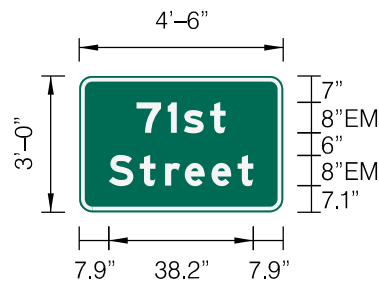
SIGN NUMBER
NB-WM-WP-280-P
SB-WM-WP-210-P

SIGN NUMBER	H14B
WIDTH x HIGHT.	4'-6" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
8	3	r	d									27	EM 2000
13.5	21.2	30	35.2										
S	t	r	e	e	t							38.2	EM 2000
7.9	16	22.8	28	35	42								

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths.
Letter locations are panledge to lower left corner

SIGN NUMBER
NB-WM-WP-289-P
SB-WM-WP-239-P

SIGN NUMBER	H14B
WIDTH x HIGHT.	4'-6" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
7	1	s	t									23.6	EM 2000
15.2	23.4	27.7	34.6										
S	t	r	e	e	t							38.2	EM 2000
7.9	16	22.8	28	35	42								

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths.
Letter locations are panledge to lower left corner

SIGN NUMBER
NB-WM-WP-346-P
SB-WM-WP-355-P

SIGN NUMBER	H14B
WIDTH x HIGHT.	5'-6" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
J	a	c	k	s	o	n						50.7	EM 2000
7.6	15.7	23.5	31.2	38.1	45.2	53.1							
D	r	i	v	e								31.8	EM 2000
17.1	26	31.8	35.6	43.6									

DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
SIGNING DETAILS

SHT NO.PMS-17
DRAWING NO.
660 OF 1517

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SIGN DETAIL
(Note to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	HT4B
WIDTH x HIGHT.	6'-6" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
H	I	C	H	C	O	C	K					62	EM 2000
8	17.2	21.2	27.2	35	42.7	49.8	57	64.7					EM 2000
A	V	E	N	U	E							46.2	EM 2000
15.9	25	32.8	40.6	49	56.6								EM 2000

SIGN DETAIL
(Note to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	HT4B
WIDTH x HIGHT.	4'-6" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)											LENGTH	SERIES/SIZE	
7	5	T	H									28.3	EM 2000
12.8	21	29.2	35.9										EM 2000
S	T	R	E	E	T							38.3	EM 2000
7.9	16	22.8	28	35	42								EM 2000

SIGN DETAIL
(Note to scale)



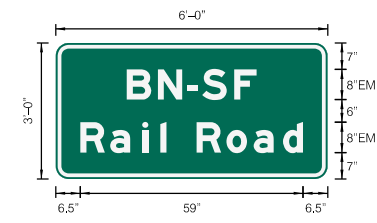
Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	HT4B
WIDTH x HIGHT.	7'-6" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE	
W	A	R	R	E	N	V	I	L	L	I	E			72.1	EM 2000
9	18.6	27.1	33	38.2	46	53.6	62.1	66.9	71.7	75.8				EM 2000	
R	O	A	D											28.2	EM 2000
30.9	38.6	46	53.8											EM 2000	

SIGN DETAIL
(Note to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

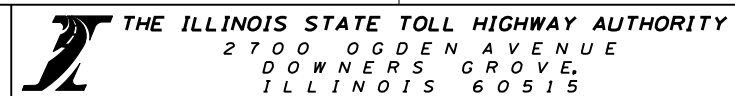
SIGN NUMBER	name
WIDTH x HIGHT.	6'-0" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGEND/BORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE	
B	N	-	S	F										34.4	EM 2000
16.8	27	34.9	38.8	47.3										EM 2000	
R	A	I	I		R	O	A	D						59	EM 2000
6.5	14.4	22.9	27.7	29.3	37.3	45.2	52.4	60.2						EM 2000	

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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**

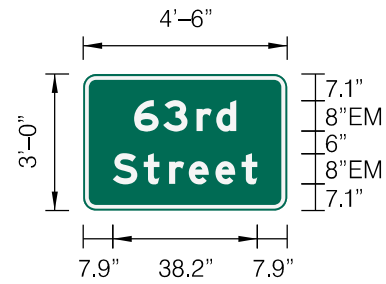


REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
SIGNING DETAILS

SHT NO.PMS-18
DRAWING NO.
661 OF 1517

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	HT4B
WIDTH x HIGHT.	4'-6" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

SIGN NUMBER
NB-WM-WP-336-P
SB-WM-WP-341-P

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE	
6	3	r	d								27.1	EM 2000
13.5	21.2	30	35.2									
S	t	r	e	e	t							EM 2000
7.9	16	22.8	28	35	42						38.2	86

SIGN DETAIL
(Not to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	HT4B
WIDTH x HIGHT.	5'-0" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

SIGN NUMBER
NB-WM-WP-400-P
SB-WM-WP-406-P

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE	
M	a	p	l	e								EM 2000
12.5	21.9	30.4	38.2	42.2								
A	v	e	n	u	e							EM 2000
6.9	16	23.8	31.6	40	47.8						46.2	86

SIGN DETAIL
(Note to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	HT4B
WIDTH x HIGHT.	5'-0" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

SIGN NUMBER
NB-WM-WP-499-P
SB-WM-WP-475-P

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE	
O	g	d	e	n								EM 2000
11.5	19.9	27.7	35.5	43.2							37	86
A	v	e	n	u	e							EM 2000
6.9	16	23.8	31.6	40	47.8						46.2	86

SIGN DETAIL
(Note to scale)



Dimensions are in Inches,tenths
Letter locations are panel edge to lower left corner

SIGN NUMBER	HT4B
WIDTH x HIGHT.	4'-6" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

SIGN NUMBER
SB-WM-WP-504-P
NB-WM-WP-545-P
SB-WM-WP-558-P

LETTER POSITIONS (X)										LENGTH	SERIES/SIZE	
F	i	n	l	e	y							EM 2000
7.4	15.5	20.3	28.8	32.9	39.8						38.1	86
R	o	a	d									EM 2000
12.9	20.8	28	35.8								28.2	86

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DRAWN BY **AWH** DATE **3/11/2018**
CHECKED BY **DWB** DATE **3/11/2018**

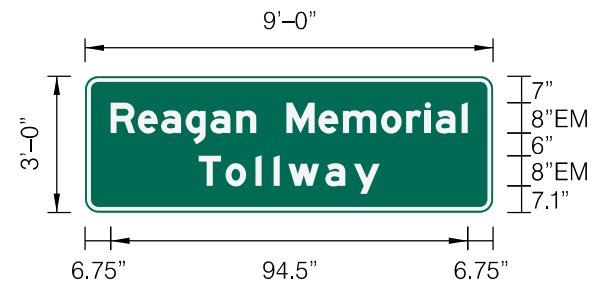


REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. **RR-16-4255**
SIGNING DETAILS

SHT NO. **PMS-19**
DRAWING NO. **662 OF 1517**

SIGN DETAIL
(Not to scale)



SIGN NUMBER	H14A
WIDTH x HIGHT.	9'-0" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGENDBORDER	TYPE: Reflective COLOR: White/White

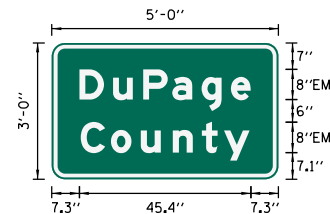
SYMBOL	ROT	X	Y	WID	HT

Dimensions are in Inches,tenths.
Letter locations are panel edge to lower left corner

SIGN NUMBER
NB-VM-WP-098-P

LETTER POSITIONS (X)																LENGTH	SERIES/SIZE
R	e	a	g	a	n	M	e	m	c	r	i	a	l			94.5	EM 2000
6.7	13.9	20.1	26.6	33.1	40	45.3	53.3	61.7	68.3	78.3	85	89.9	92.8	99.7			86
T	o	l	l	w	a	y										47.9	EM 2000
30	37.2	45.1	49.9	53.8	63.6	71.2											86

SIGN DETAIL
(Not to scale)



SIGN NUMBER	H14D
WIDTH x HIGHT.	5'-0" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGENDBORDER	TYPE: Reflective COLOR: White/White

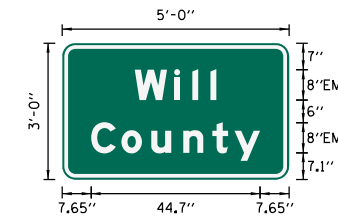
SYMBOL	ROT	X	Y	WID	HT

Dimensions are in Inches,tenths.
Letter locations are panel edge to lower left corner

SIGN NUMBER
MB-VM-WP-149-P

LETTER POSITIONS (X)																LENGTH	SERIES/SIZE
D	u	P	a	g	e											45.4	EM 2000
7.3	16.2	24.2	31.9	39.6	47.4												86
C	o	u	n	t	y											44.7	EM 2000
7.6	15.6	23.6	32	39.7	45.6												86

SIGN DETAIL
(Not to scale)



SIGN NUMBER	H14D
WIDTH x HIGHT.	5'-0" x 3'-0"
BORDER WIDTH	1"
CORNER RADIUS	3"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective COLOR: Green
LEGENDBORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Dimensions are in Inches,tenths.
Letter locations are panel edge to lower left corner

SIGN NUMBER
SB-VM-WP-157-P

LETTER POSITIONS (X)																LENGTH	SERIES/SIZE
W	i	l	l													21.6	EM 2000
19.2	29.6	34.4	39.2														86
C	o	u	n	t	y											44.7	EM 2000
7.6	15.6	23.6	32	39.7	45.6												86

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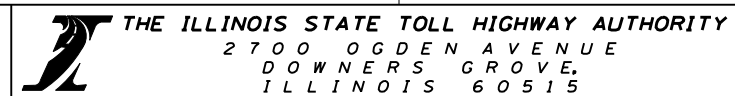
EXAMPLE
EB-VM-WP-001-RL

DIRECTION	ACTION
NB - NORTHBOUND	E - EXISTING (TO REMAIN)
SB - SOUTHBOUND	R - REMOVE
EB - EASTBOUND	RL - RELOCATE
WB - WESTBOUND	P - PROPOSED

ROADWAY OR INTERCHANGE	SIGN PANEL NUMBER
VM - VETERANS MEMORIAL TOLLWAY	
MA - MAPLE AVE	
63 - 63RD STREET	
75 - 75TH STREET	
BR - BOUGHTON ROAD	
OA - OGDEN AVENUE	
BR - BUTTERFIELD ROAD	

MOUNTING TYPE
WP - WOOD POST
TS - TELESCOPING
BS - BREAKAWAY STRUCTURAL STEEL
LP - LIGHT POLE
CL - CANTILEVER
SP - SPAN
NW - NOISE WALL
CM - CANOPY MOUNTED
BM - BARRIER MOUNTED

DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
SIGNING DETAILS

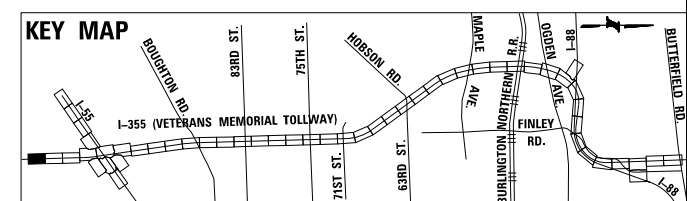
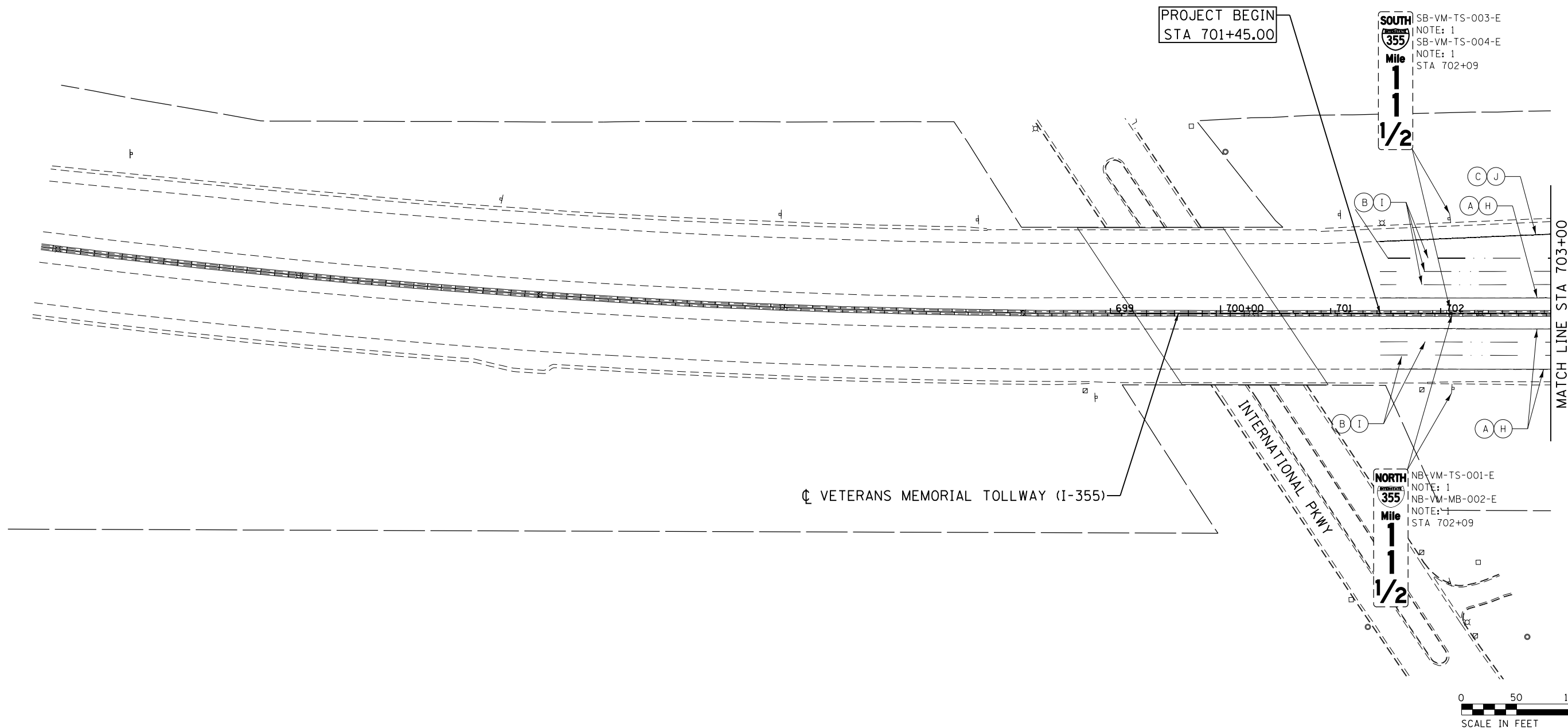
SHT NO. PMS-20
DRAWING NO. 663 OF 1517

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



NO.		DATE		REVISIONS	
				DESCRIPTION	

CONTRACT NO. **RR-16-4255**
PAVEMENT MARKING & SIGNING PLANS
STA 701+45 - STA 703+00

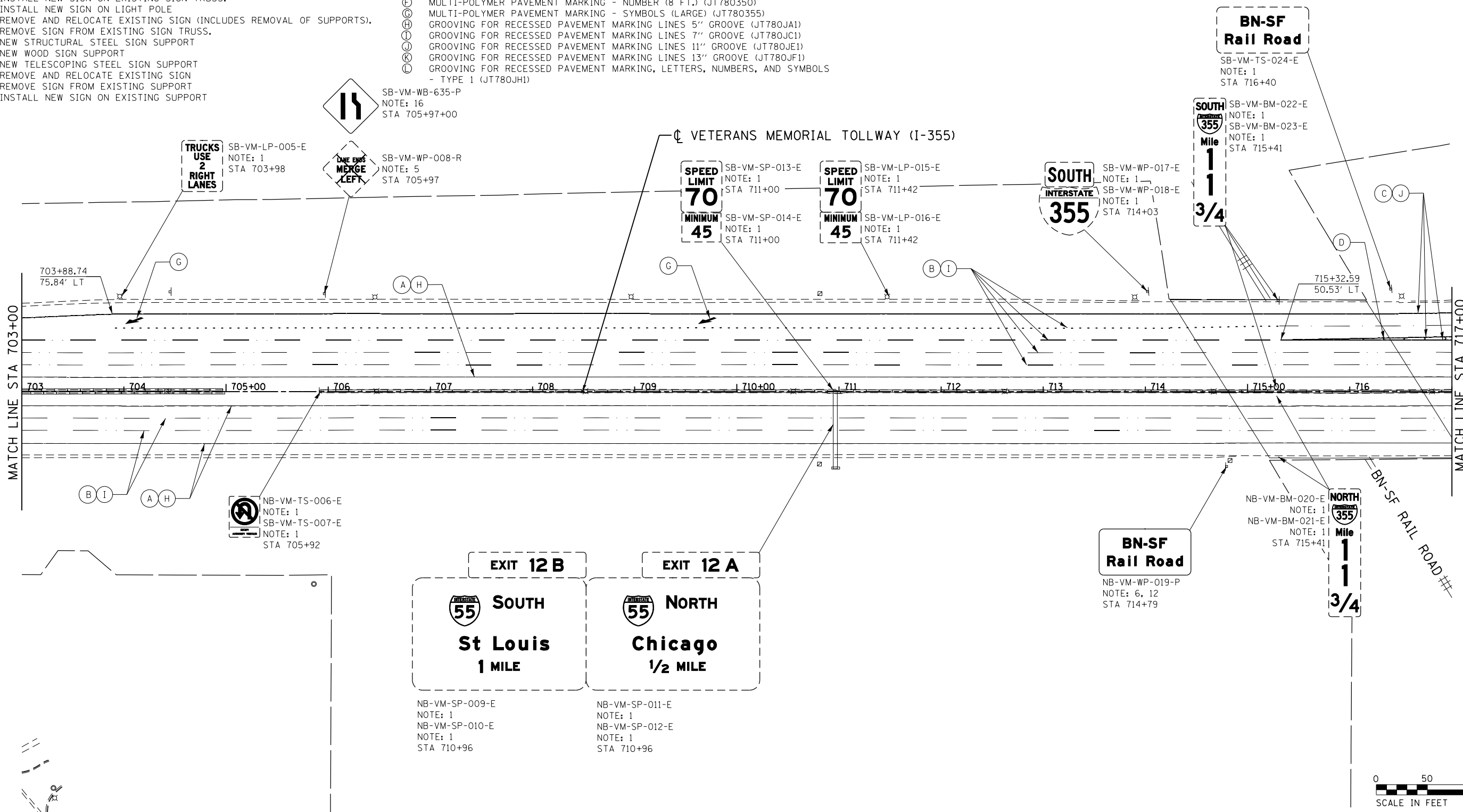
SHT NO. **PMS-21**
 DRAWING NO. **664** OF **1517**

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

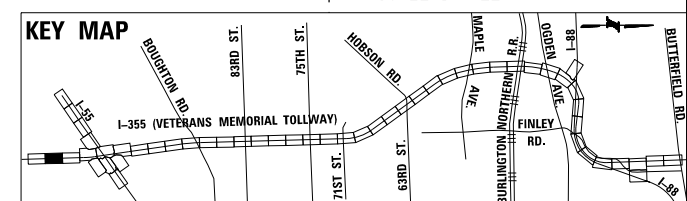
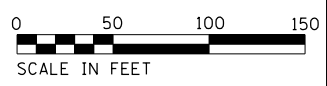
- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



BN-SF Rail Road
 NB-VM-WP-019-P
 NOTE: 6, 12
 STA 714+79

SOUTH
 INTERSTATE
355
 Mile
1 1/4

NORTH
 INTERSTATE
355
 Mile
1 1/4



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



NO.		DATE		REVISIONS DESCRIPTION	

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 703+00 - STA 717+00

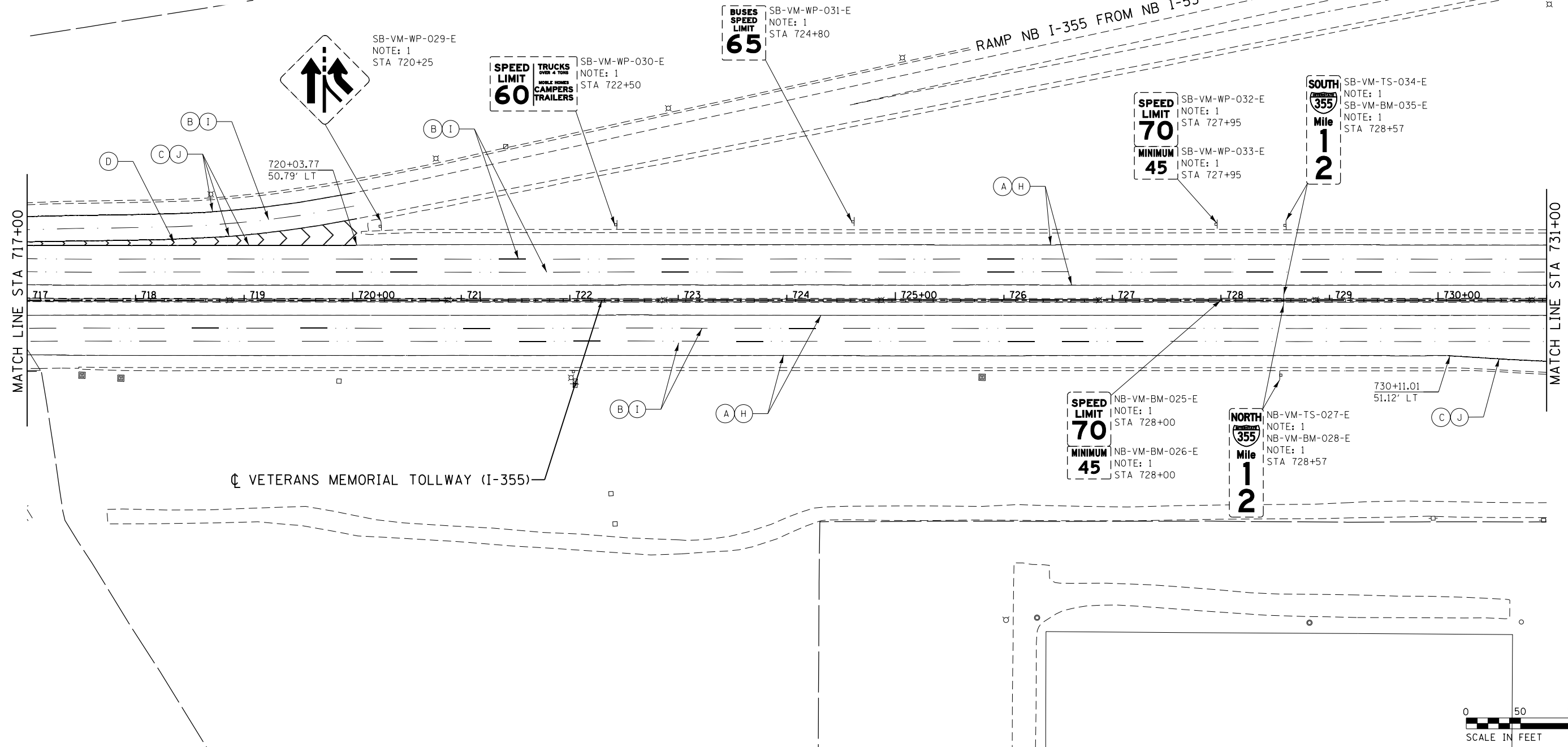
SHT NO. **PMS-22**
 DRAWING NO. **665** OF **1517**

SIGNING NOTES:

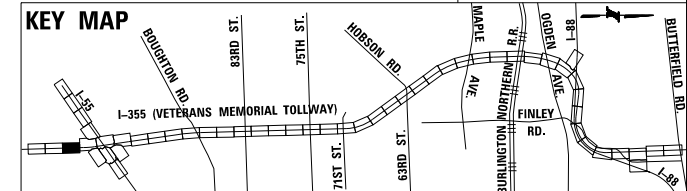
1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. **RR-16-4255**
PAVEMENT MARKING & SIGNING PLANS
 STA 717+00 - STA 731+00

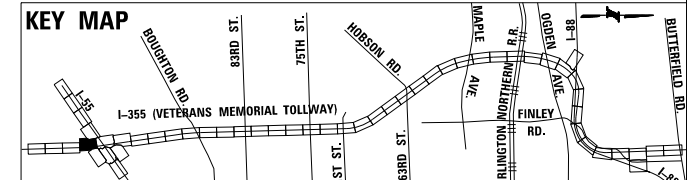
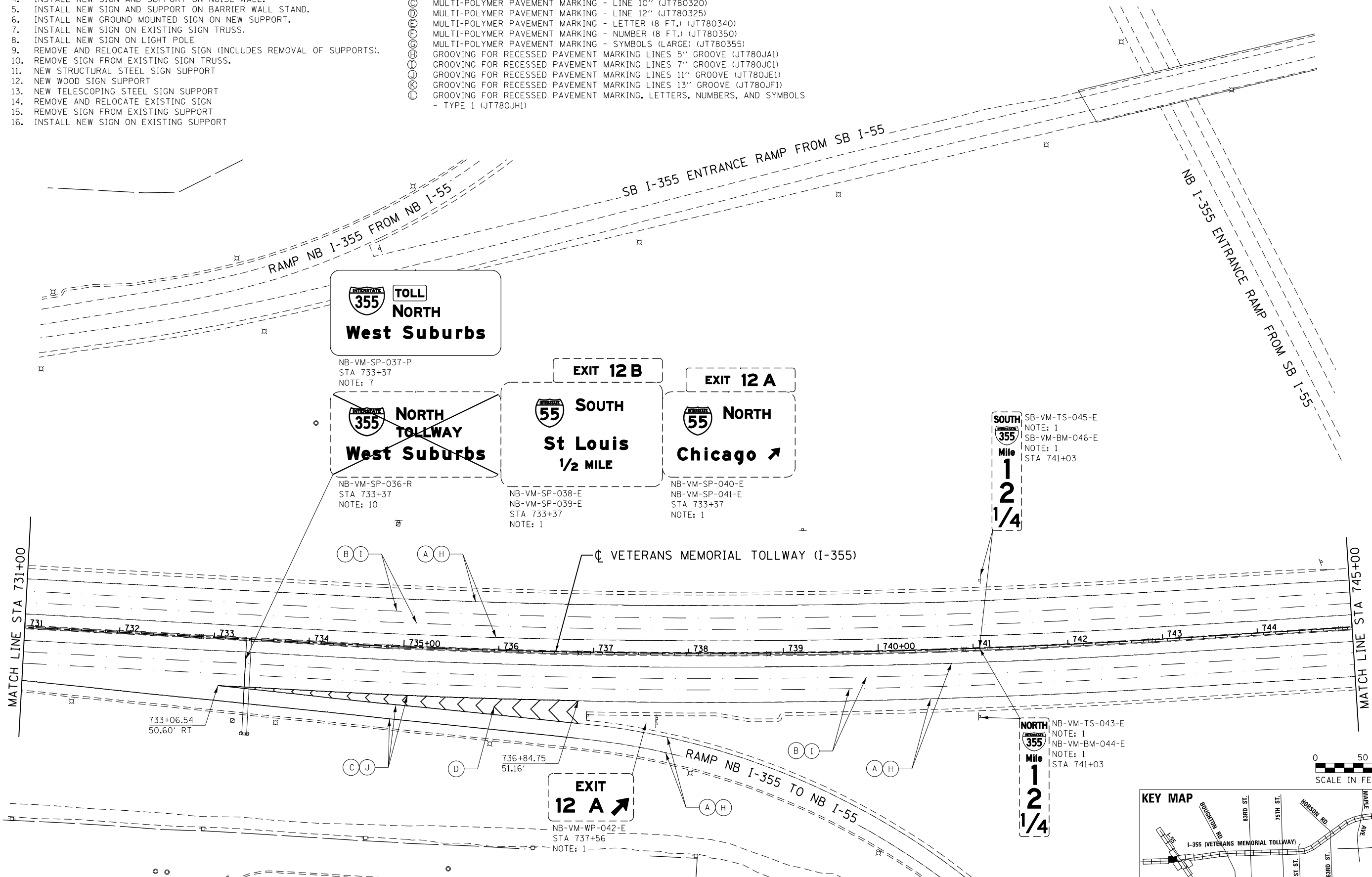
SHT NO. **PMS-23**
 DRAWING NO. **666** OF **1517**

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 731+00 - STA 745+00

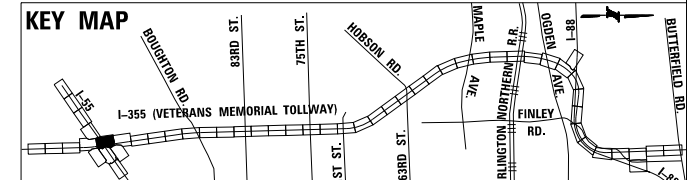
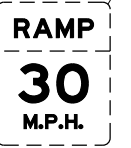
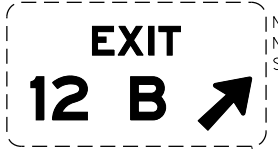
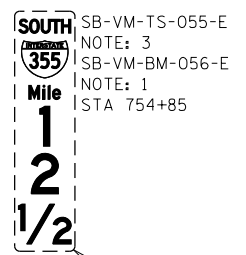
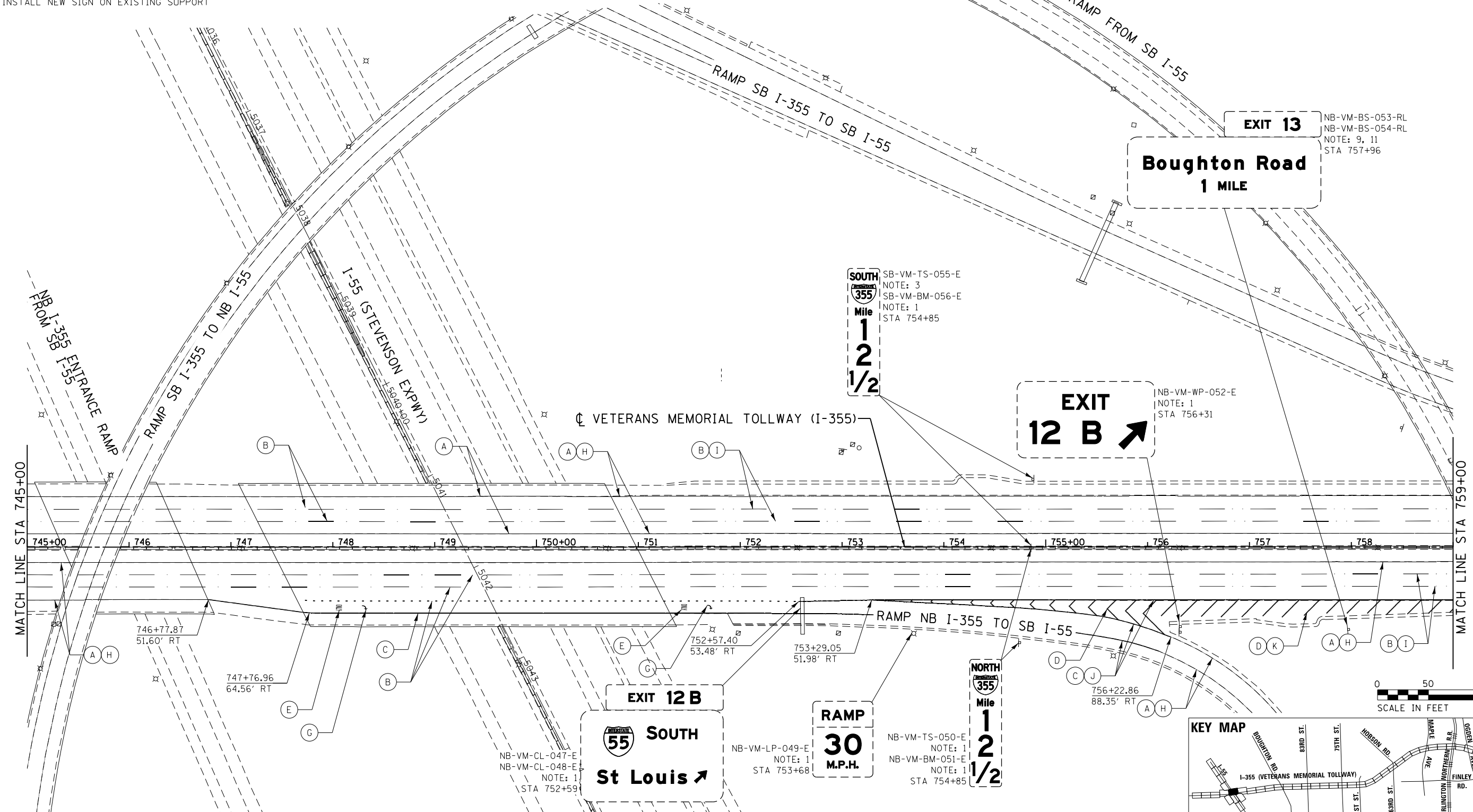
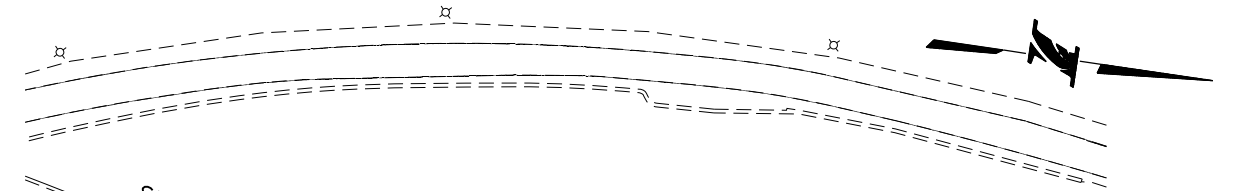
SHT NO. **PMS-24**
 DRAWING NO. **667** OF **1517**

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018

SE3
 3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
 (630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

NO.		DATE		REVISIONS DESCRIPTION	

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 745+00 - STA 759+00

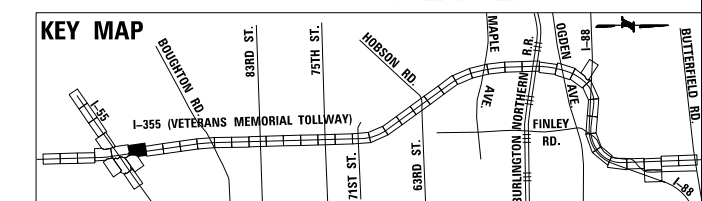
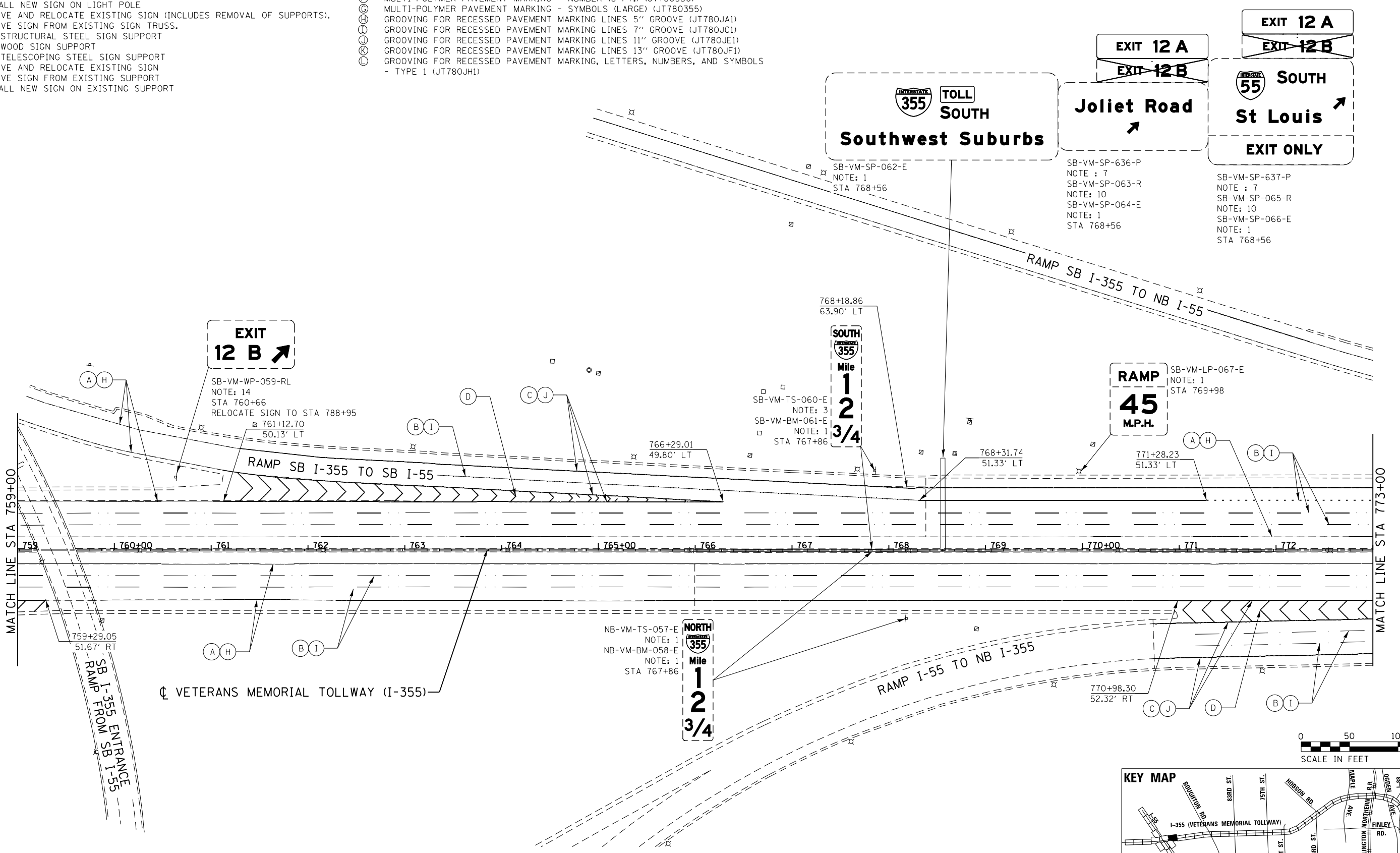
SHT NO. PMS-25
 DRAWING NO.
 668 OF 1517

SIGNING NOTES:

- EXISTING SIGN TO REMAIN.
- REMOVE EXISTING SIGN PANEL AND SUPPORT.
- ADJUST STUB POST HEIGHT
- INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
- INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
- INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
- INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
- INSTALL NEW SIGN ON LIGHT POLE
- REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
- REMOVE SIGN FROM EXISTING SIGN TRUSS.
- NEW STRUCTURAL STEEL SIGN SUPPORT
- NEW WOOD SIGN SUPPORT
- NEW TELESCOPING STEEL SIGN SUPPORT
- REMOVE AND RELOCATE EXISTING SIGN
- REMOVE SIGN FROM EXISTING SUPPORT
- INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
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SE3
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 (630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 759+00 - STA 773+00

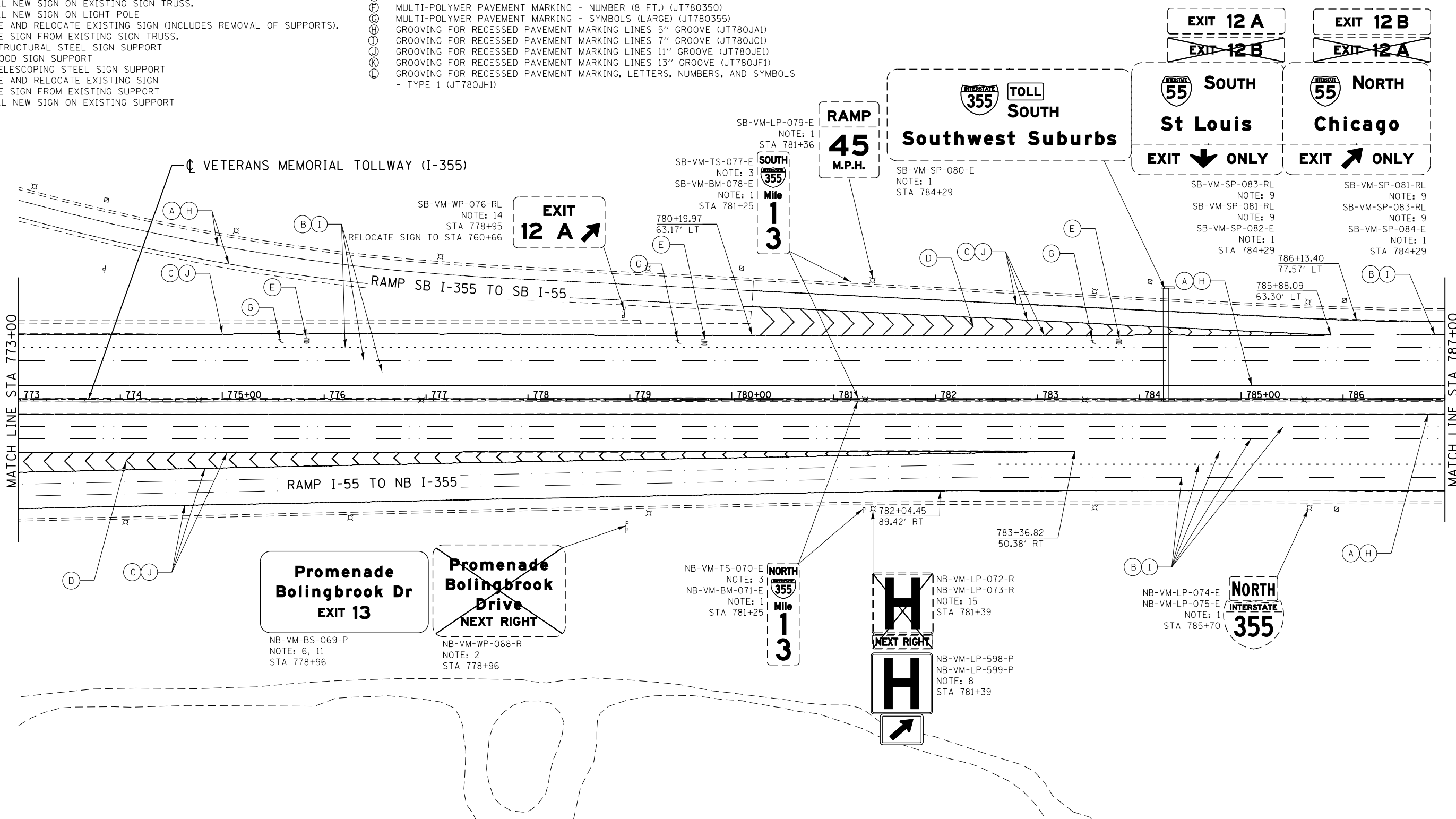
SHT NO. PMS-26
 DRAWING NO.
669 OF 1517

SIGNING NOTES:

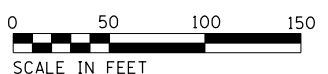
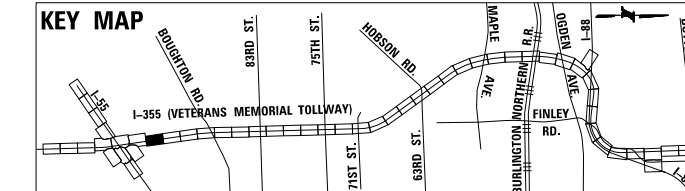
1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
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- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DESCRIPTION

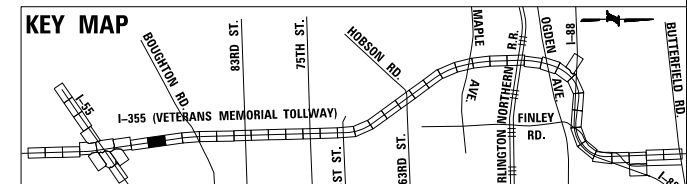
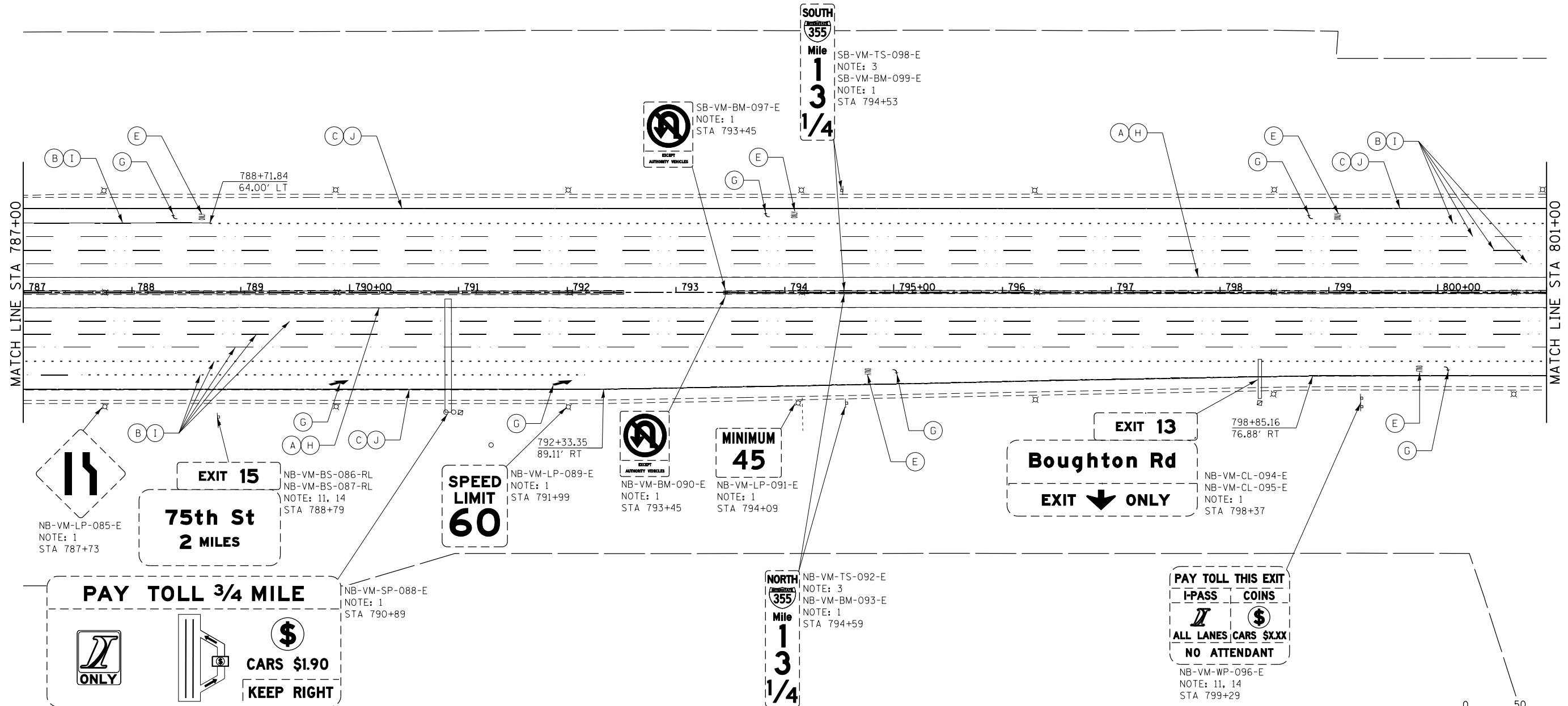
CONTRACT NO. **RR-16-4255** SHT NO. **PMS-27**
 PAVEMENT MARKING & SIGNING PLANS DRAWING NO. **670**
 STA 773+00 - STA 787+00 OF 1517

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY AWH DATE 3/11/2018
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 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 787+00 - STA 801+00

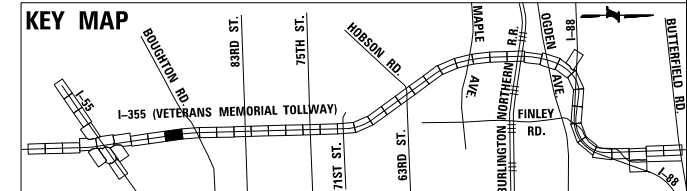
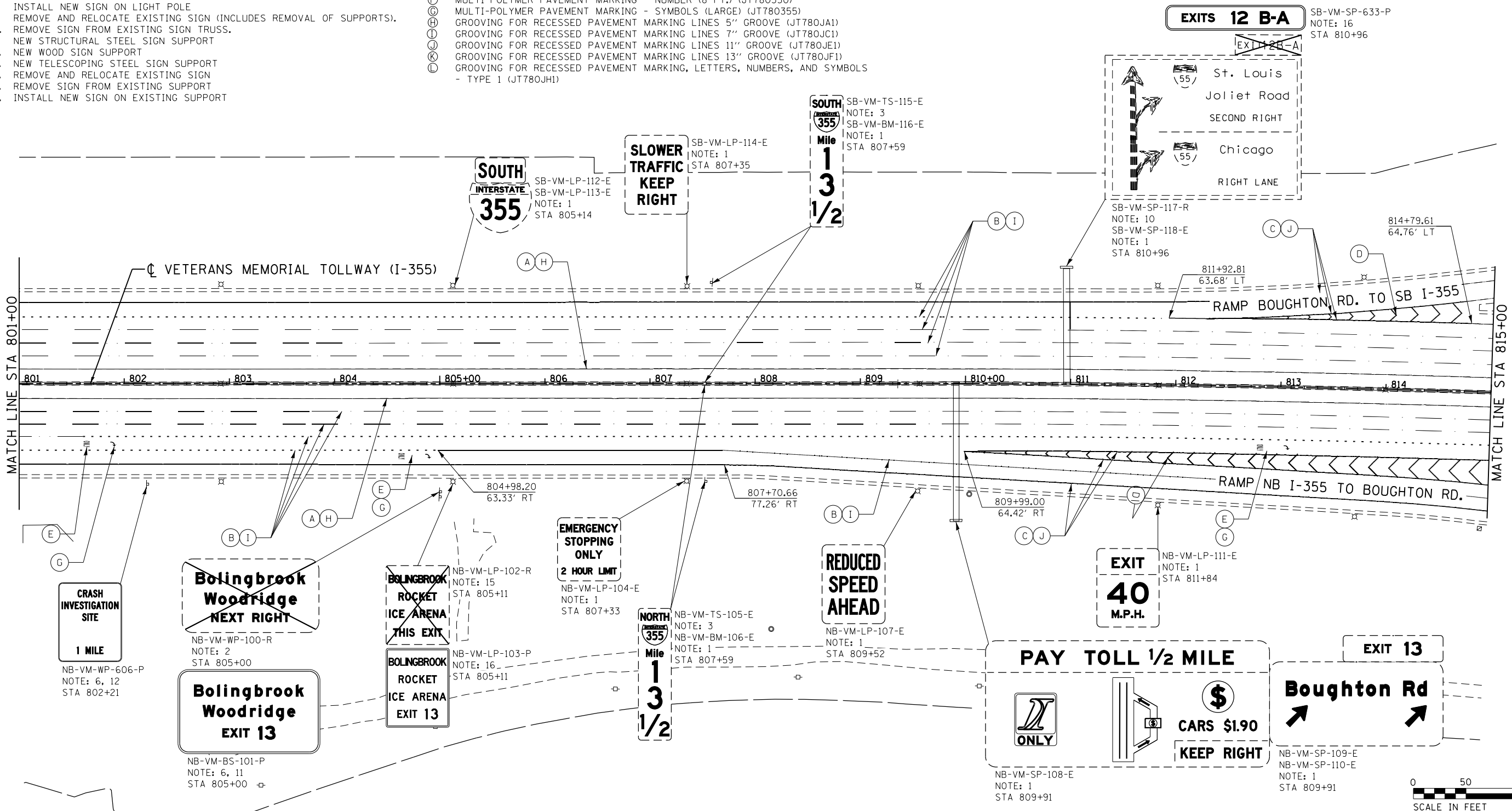
SHT NO. PMS-28
 DRAWING NO.
 671 OF 1517

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**

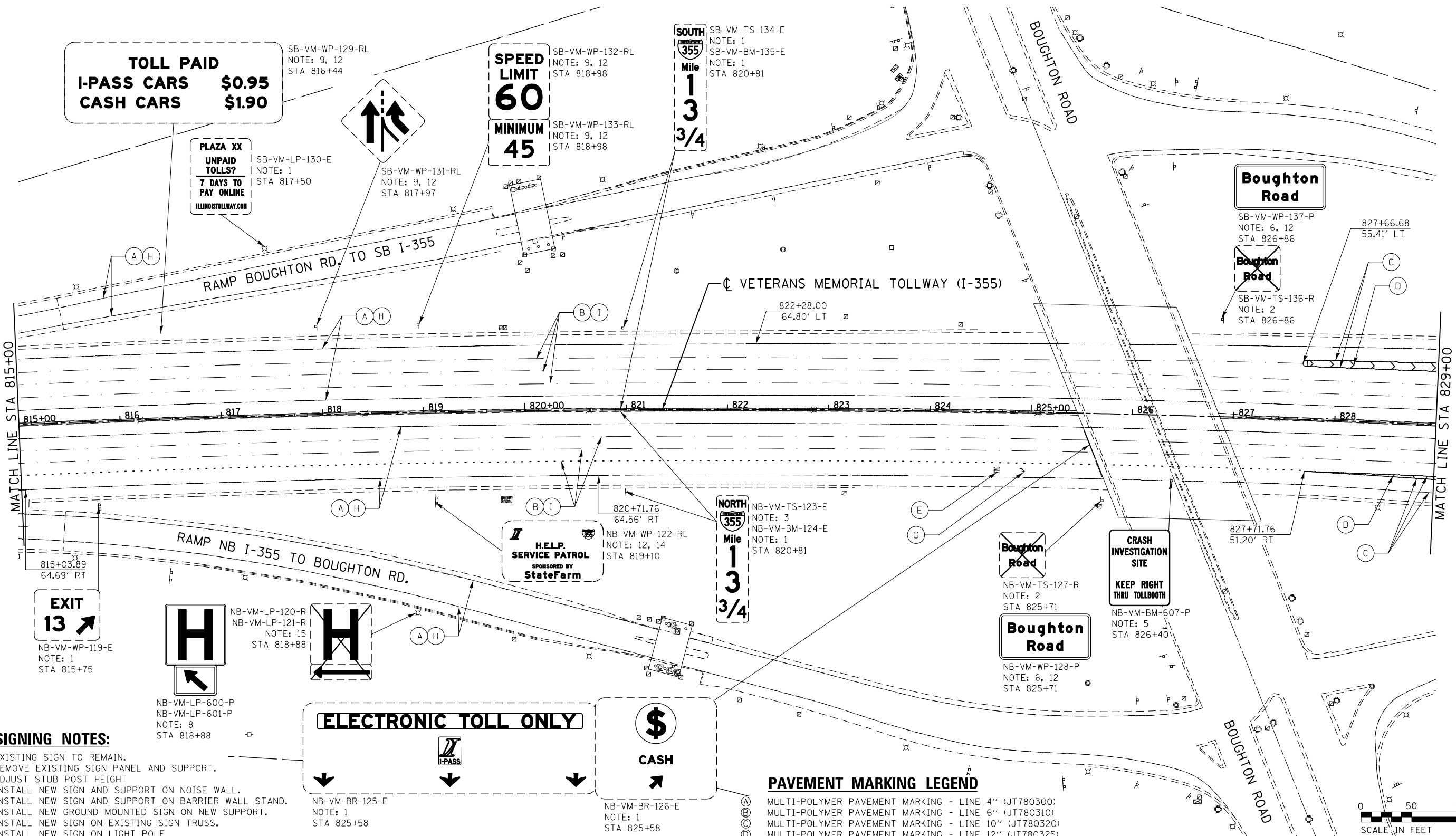
SE3
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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 801+00 - STA 815+00

SHT NO. **PMS-29**
 DRAWING NO. **672** OF **1517**

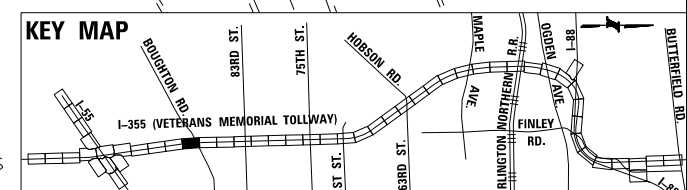
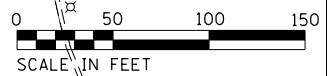


SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DESCRIPTION

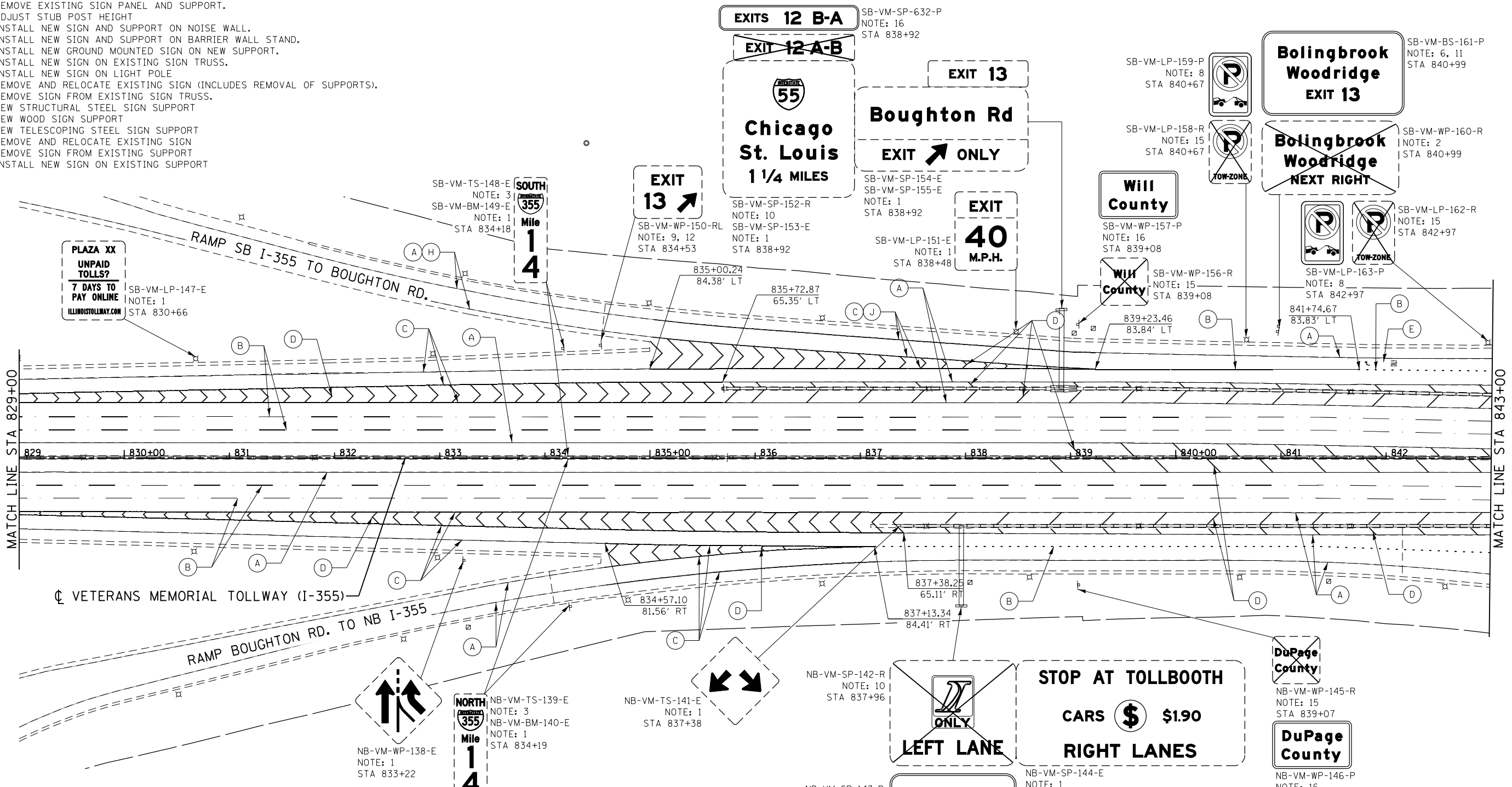
CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 815+00 - STA 829+00

SHT NO. **PMS-30**
 DRAWING NO. **673** OF **1517**

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SIGNING NOTES:

- EXISTING SIGN TO REMAIN.
- REMOVE EXISTING SIGN PANEL AND SUPPORT.
- ADJUST STUB POST HEIGHT
- INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
- INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
- INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
- INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
- INSTALL NEW SIGN ON LIGHT POLE
- REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
- REMOVE SIGN FROM EXISTING SIGN TRUSS.
- NEW STRUCTURAL STEEL SIGN SUPPORT
- NEW WOOD SIGN SUPPORT
- NEW TELESCOPING STEEL SIGN SUPPORT
- REMOVE AND RELOCATE EXISTING SIGN
- REMOVE SIGN FROM EXISTING SUPPORT
- INSTALL NEW SIGN ON EXISTING SUPPORT



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RAMP SB I-355 TO BOUGHTON RD.

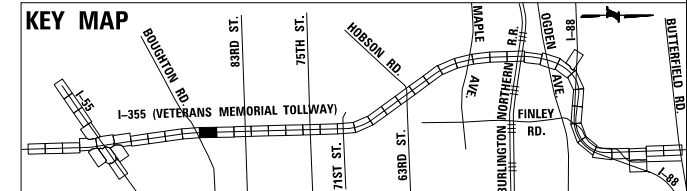
PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
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- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
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- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
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- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)

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DRAWN BY **AWH** DATE **3/11/2018**
CHECKED BY **DWB** DATE **3/11/2018**

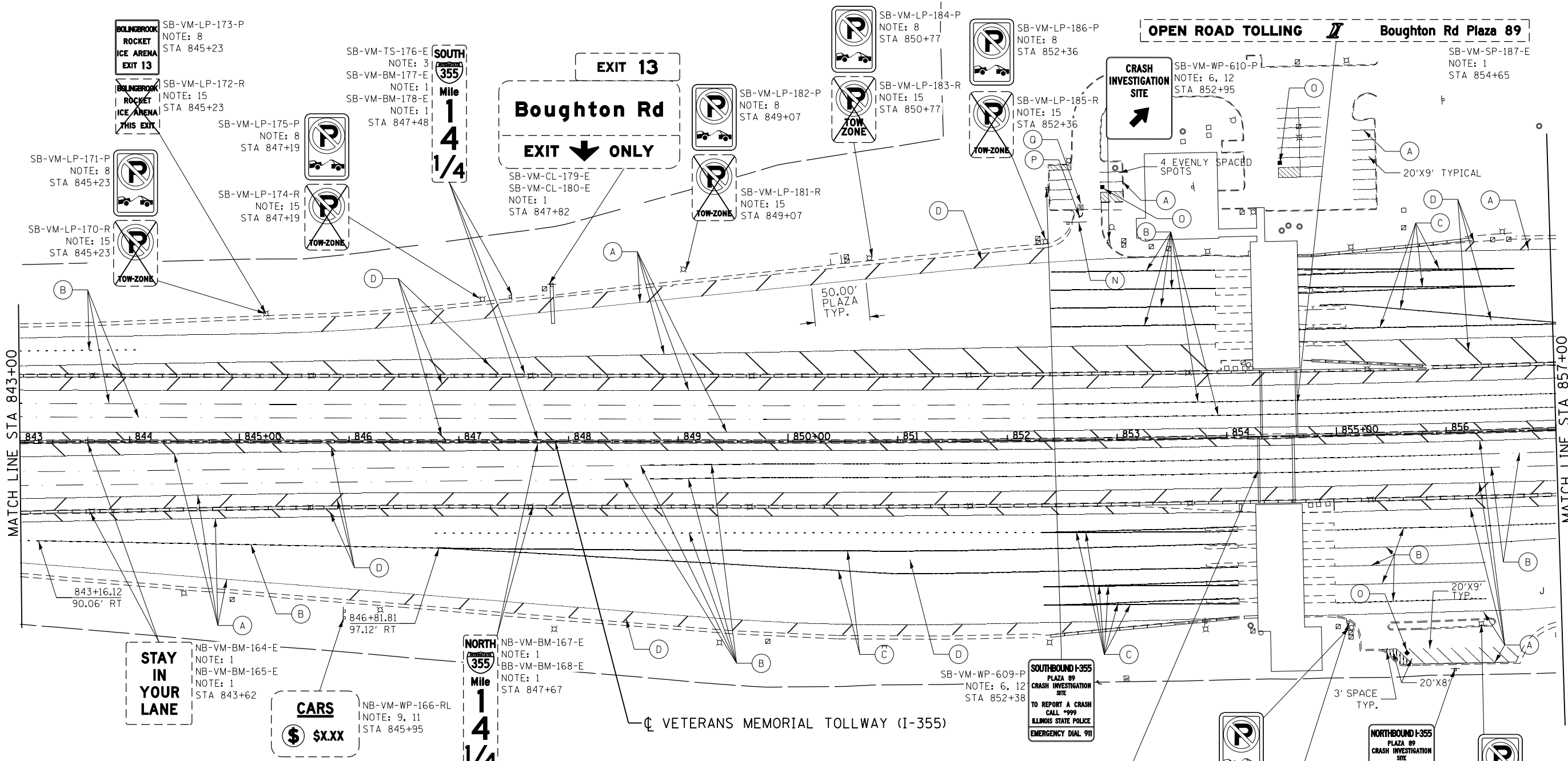
SE3
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(630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. **RR-16-4255**
PAVEMENT MARKING & SIGNING PLANS
STA 829+00 - STA 843+00

SHT NO. **PMS-31**
DRAWING NO. **674**
OF **1517**

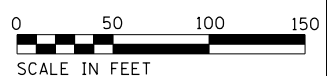
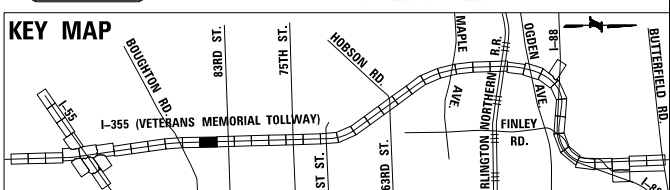


SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
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11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- | | |
|---|---|
| (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300) | (N) MULTI-POLYMER PAVEMENT MARKING - LINE 24" (JT780330) |
| (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310) | (O) INTERNATIONAL SYMBOL OF ACCESSIBILITY (78001100) |
| (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320) | (P) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (SMALL) (JT780360) |
| (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325) | (Q) MULTI-POLYMER PAVEMENT MARKING - LETTERS (6 FT.) (JT780335) |
| (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340) | |
| (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350) | |
| (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355) | |
| (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1) | |
| (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1) | |
| (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1) | |
| (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1) | |
| (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1) | |



DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 843+00 - STA 857+00

SHT NO. PMS-32
 DRAWING NO. 675 OF 1517

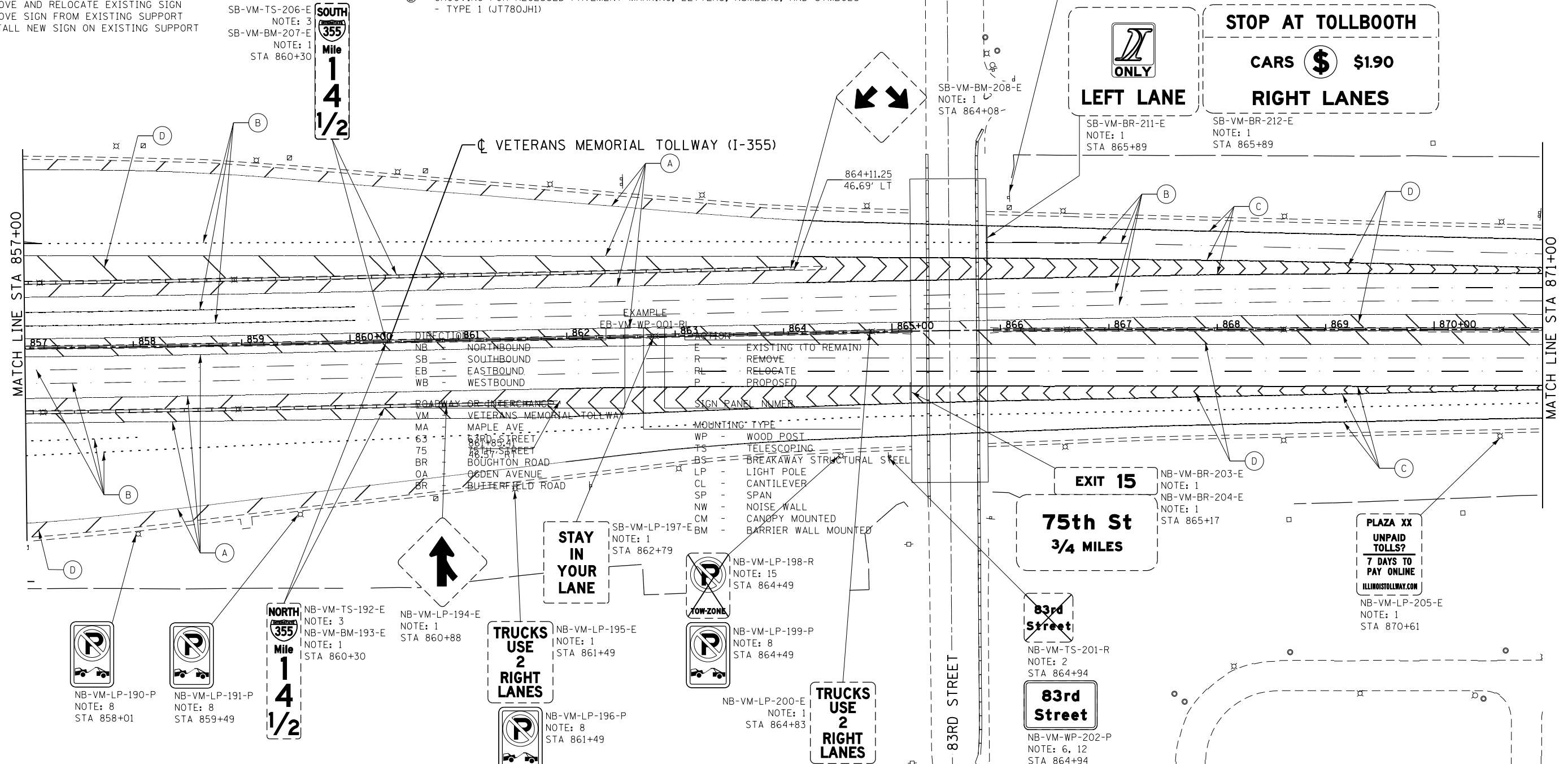
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SIGNING NOTES:

- EXISTING SIGN TO REMAIN.
- REMOVE EXISTING SIGN PANEL AND SUPPORT.
- ADJUST STUB POST HEIGHT
- INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
- INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
- INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
- INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
- INSTALL NEW SIGN ON LIGHT POLE
- REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
- REMOVE SIGN FROM EXISTING SIGN TRUSS.
- NEW STRUCTURAL STEEL SIGN SUPPORT
- NEW WOOD SIGN SUPPORT
- NEW TELESCOPING STEEL SIGN SUPPORT
- REMOVE AND RELOCATE EXISTING SIGN
- REMOVE SIGN FROM EXISTING SUPPORT
- INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780J1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



SB-VM-TS-206-E
NOTE: 3
SB-VM-BM-207-E
NOTE: 1
STA 860+30

NORTH
355
Mile
1
4
1/2

NB-VM-LP-190-P
NOTE: 8
STA 858+01

NB-VM-LP-191-P
NOTE: 8
STA 859+49

NB-VM-LP-194-E
NOTE: 1
STA 860+88

NB-VM-LP-195-E
NOTE: 1
STA 861+49

NB-VM-LP-196-P
NOTE: 8
STA 861+49

NB-VM-LP-198-R
NOTE: 15
STA 864+49

NB-VM-LP-199-P
NOTE: 8
STA 864+49

NB-VM-LP-200-E
NOTE: 1
STA 864+83

EXIT 15
75th St
3/4 MILES

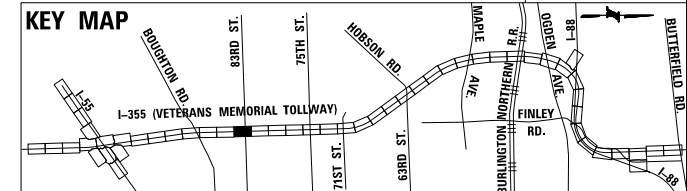
STOP AT TOLLBOOTH
CARS \$ \$1.90
RIGHT LANES

LEFT LANE ONLY
SB-VM-BR-211-E
NOTE: 1
STA 865+89

SB-VM-BR-212-E
NOTE: 1
STA 865+89

NB-VM-BR-203-E
NOTE: 1
NB-VM-BR-204-E
NOTE: 1
STA 865+17

PLAZA XX
UNPAID TOLLS?
7 DAYS TO PAY ONLINE
ILLINOISTOLLWAY.COM
NB-VM-LP-205-E
NOTE: 1
STA 870+61



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DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018

SE3
3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
(630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

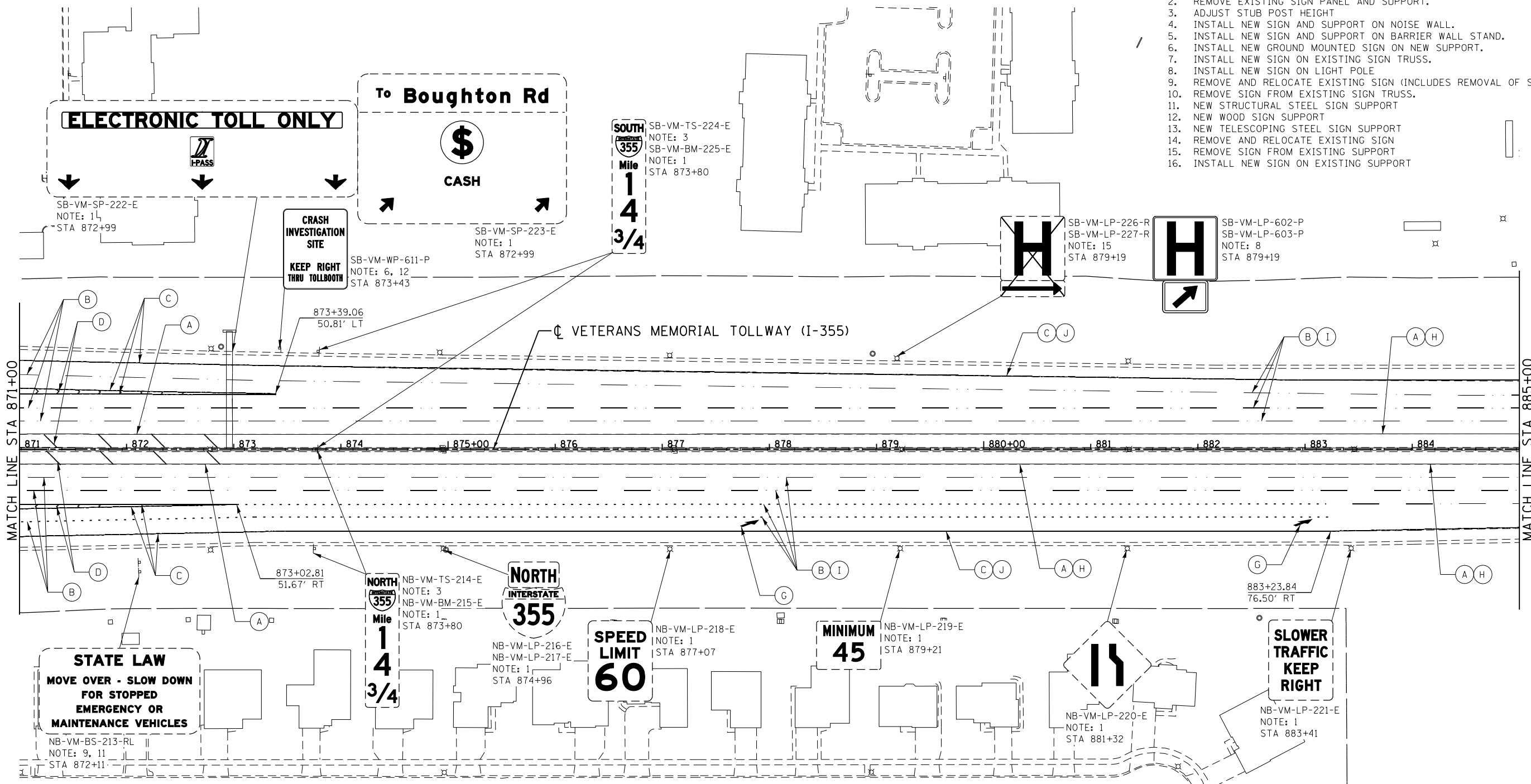
REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
PAVEMENT MARKING & SIGNING PLANS
STA 857+00 - STA 871+00

SHT NO. PMS-33
DRAWING NO.
676 OF 1517

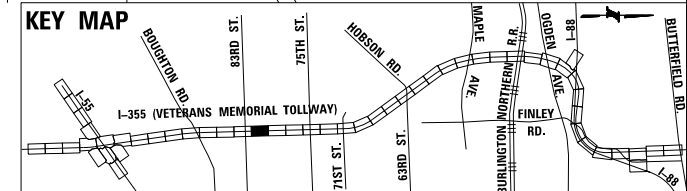
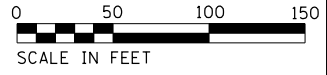
SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT



PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



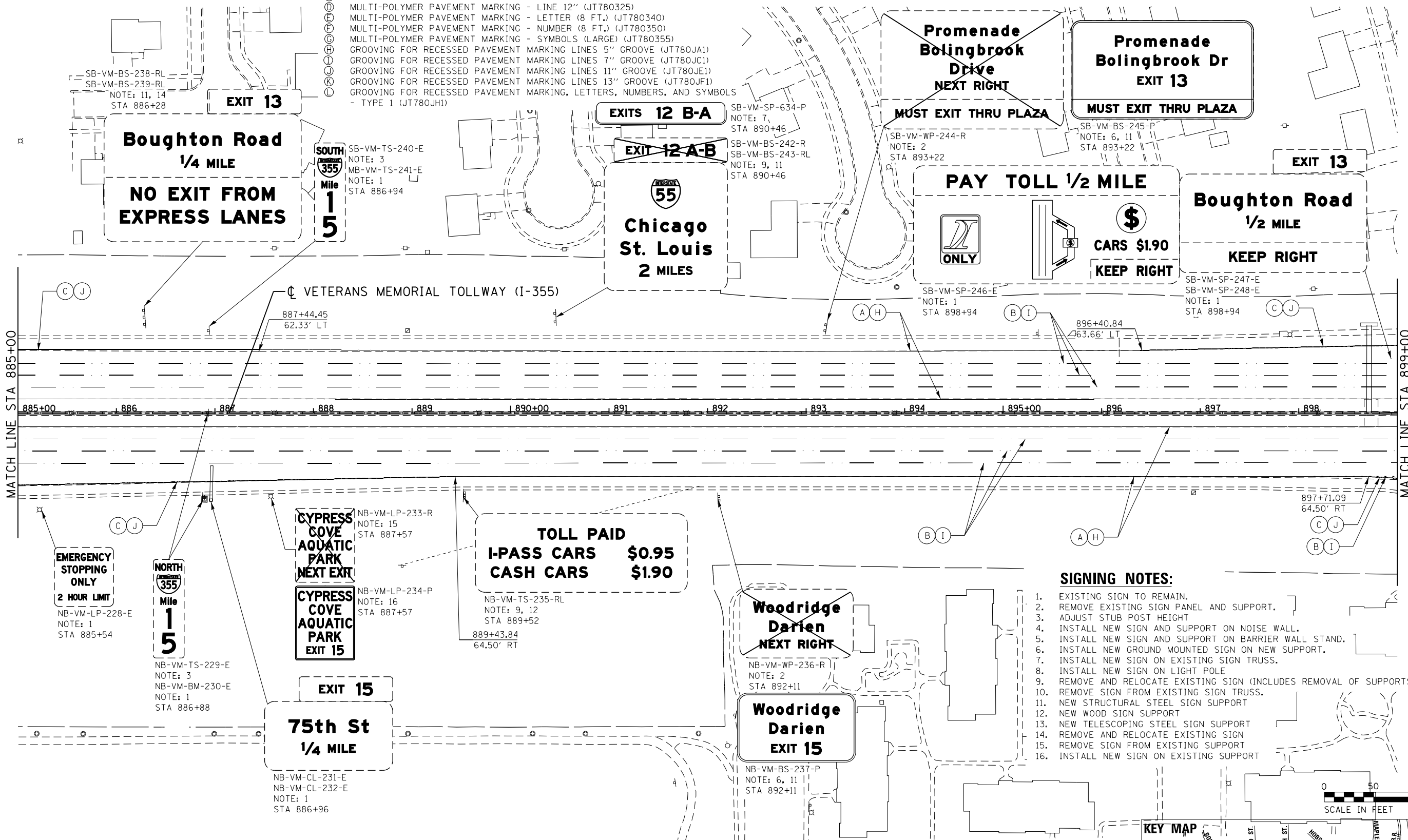
REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 871+00 - STA 885+00

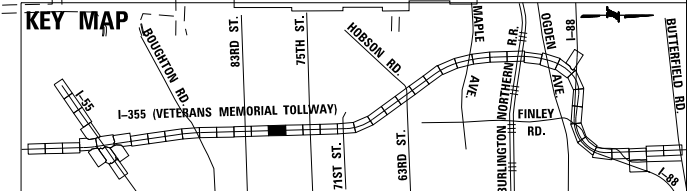
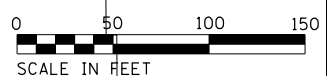
SHT NO. **PMS-34**
 DRAWING NO. **677** OF **1517**

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



- SIGNING NOTES:**
1. EXISTING SIGN TO REMAIN.
 2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
 3. ADJUST STUB POST HEIGHT
 4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
 5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
 6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
 7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
 8. INSTALL NEW SIGN ON LIGHT POLE
 9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
 10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
 11. NEW STRUCTURAL STEEL SIGN SUPPORT
 12. NEW WOOD SIGN SUPPORT
 13. NEW TELESCOPING STEEL SIGN SUPPORT
 14. REMOVE AND RELOCATE EXISTING SIGN
 15. REMOVE SIGN FROM EXISTING SUPPORT
 16. INSTALL NEW SIGN ON EXISTING SUPPORT



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. **RR-16-4255**
PAVEMENT MARKING & SIGNING PLANS
 STA 885+00 - STA 899+00

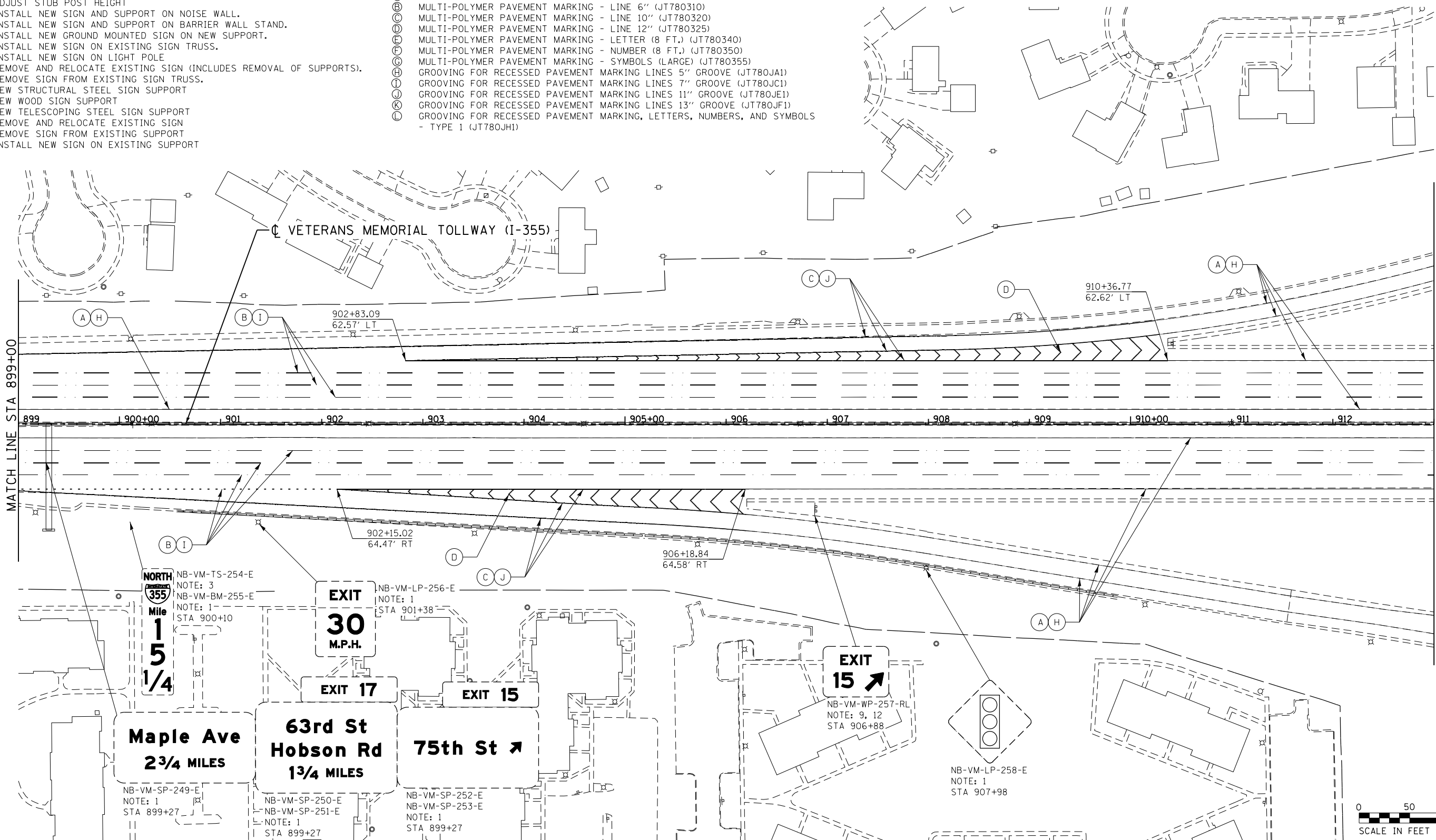
SHT NO. **PMS-35**
 DRAWING NO. **678** OF **1517**

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



MATCH LINE STA 899+00

MATCH LINE STA 913+00

NORTH

355
Mile
1
5
1/4

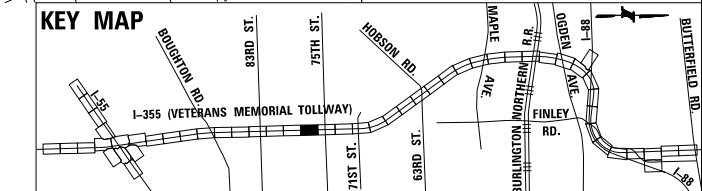
EXIT
30
M.P.H.

Maple Ave
2 3/4 MILES

63rd St
Hobson Rd
1 3/4 MILES

EXIT
15

75th St



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DRAWN BY **AWH** DATE **3/11/2018**
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SE3
 3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
 (630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 899+00 - STA 913+00

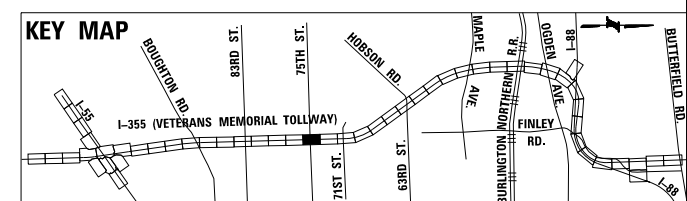
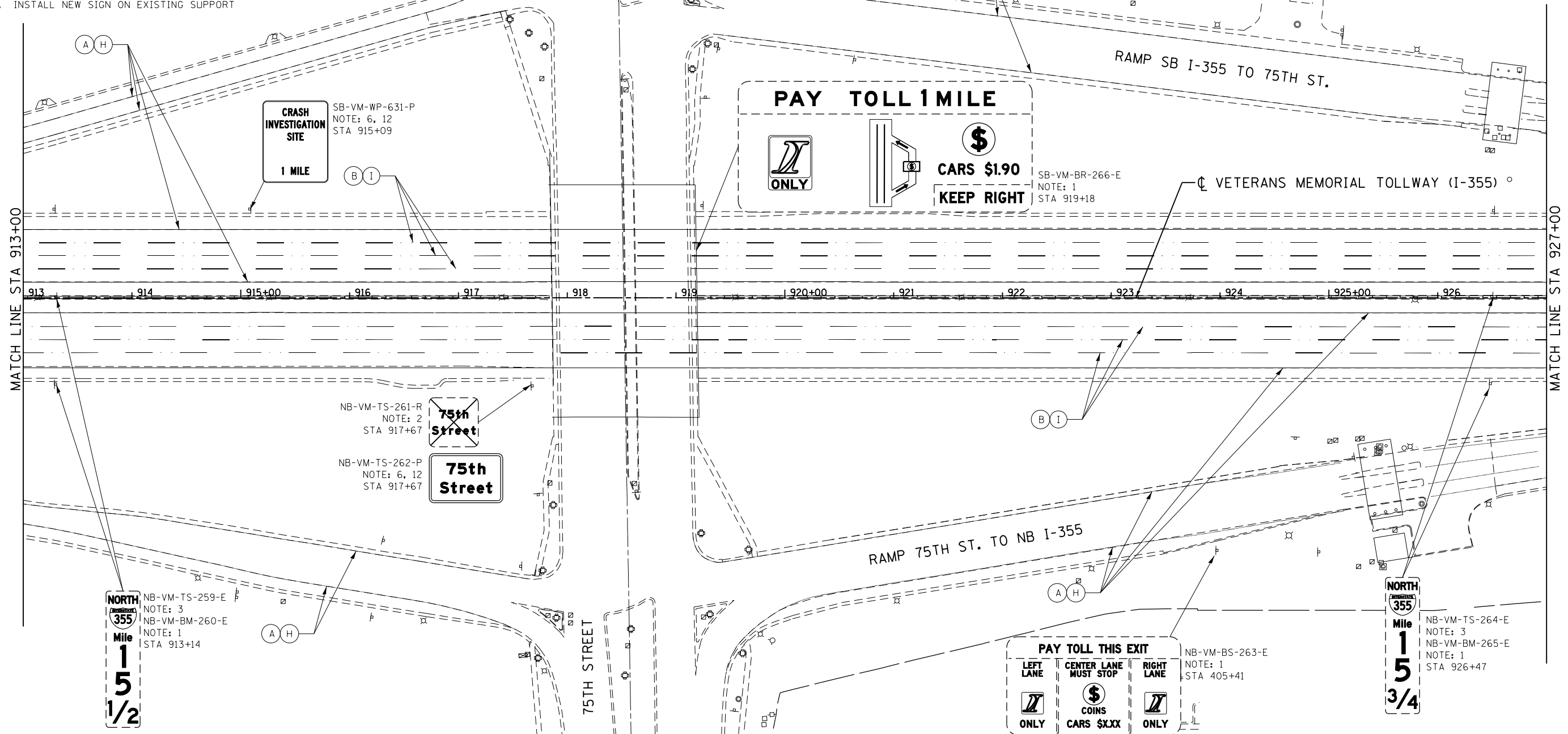
SHT NO. **PMS-36**
 DRAWING NO. **679**
 OF **1517**

SIGNING NOTES:

- EXISTING SIGN TO REMAIN.
- REMOVE EXISTING SIGN PANEL AND SUPPORT.
- ADJUST STUB POST HEIGHT
- INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
- INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
- INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
- INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
- INSTALL NEW SIGN ON LIGHT POLE
- REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
- REMOVE SIGN FROM EXISTING SIGN TRUSS.
- NEW STRUCTURAL STEEL SIGN SUPPORT
- NEW WOOD SIGN SUPPORT
- NEW TELESCOPING STEEL SIGN SUPPORT
- REMOVE AND RELOCATE EXISTING SIGN
- REMOVE SIGN FROM EXISTING SUPPORT
- INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



NO.		DATE		REVISIONS DESCRIPTION	

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 913+00 - STA 927+00

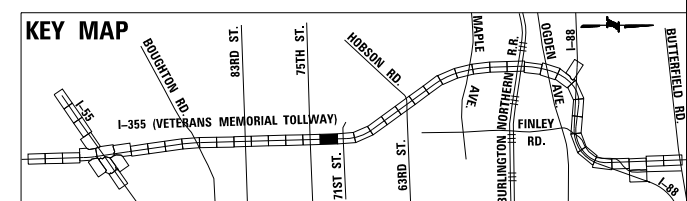
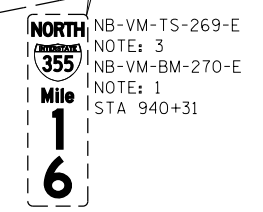
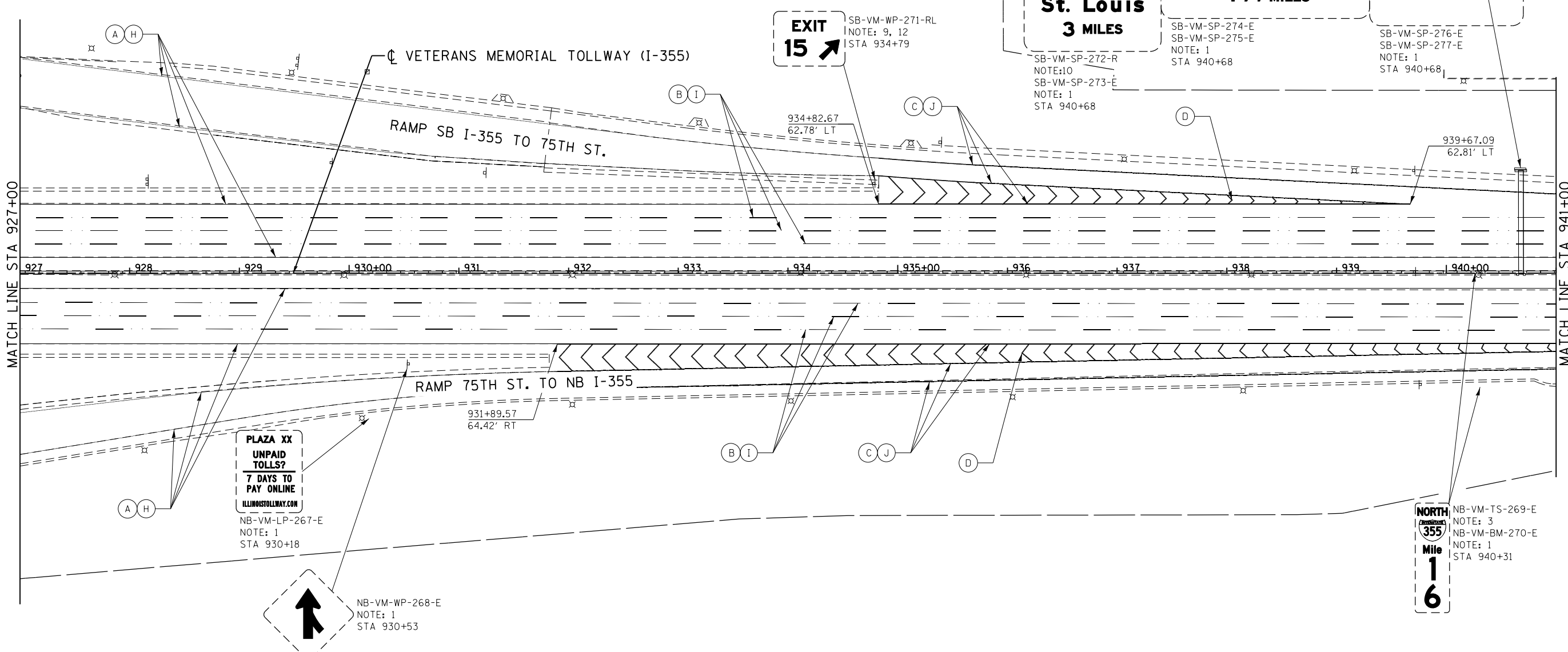
SHT NO. **PMS-37**
 DRAWING NO. **680**
 OF **1517**

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 927+00 - STA 941+00

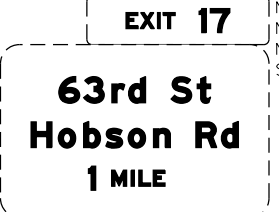
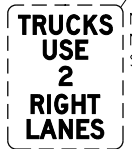
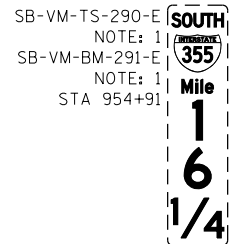
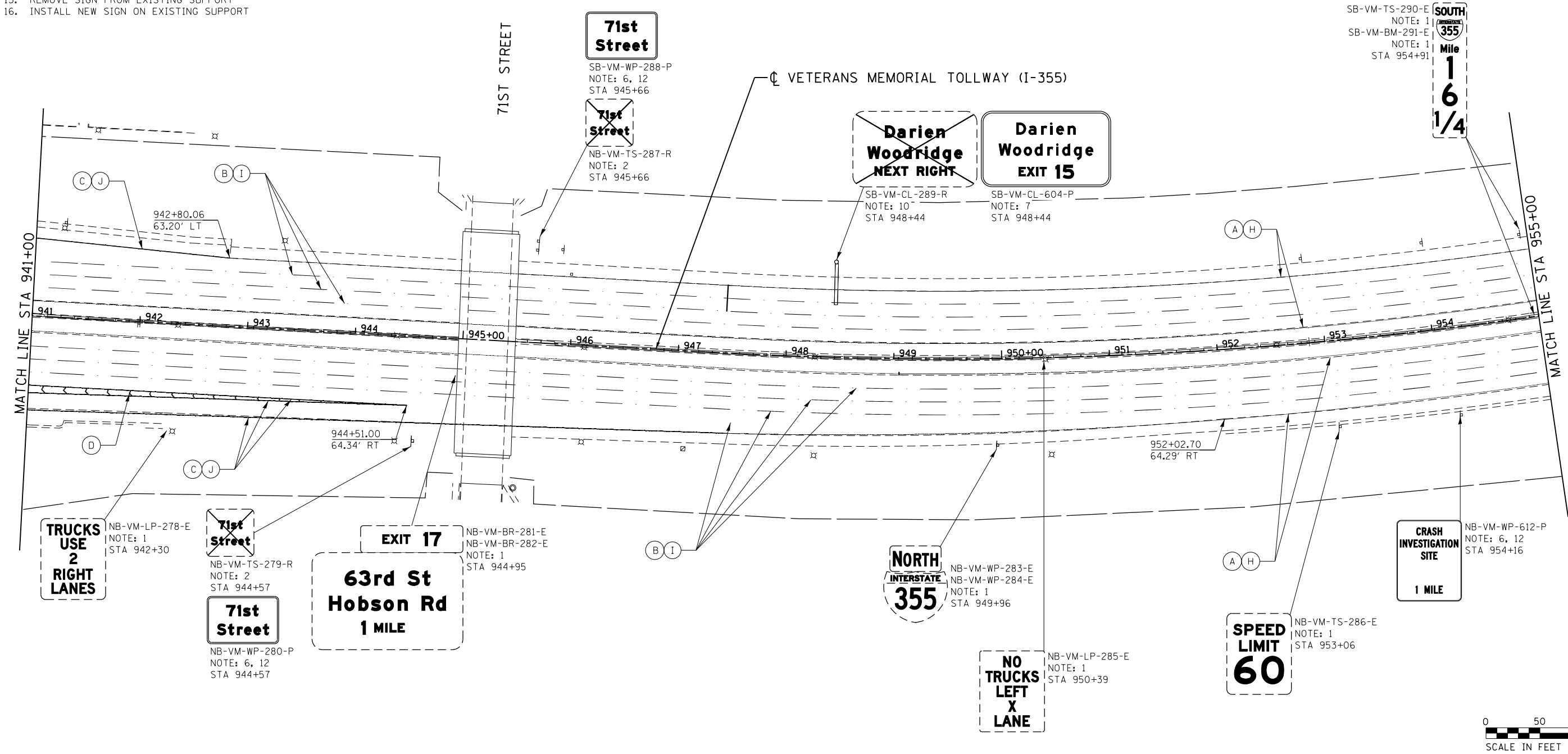
SHT NO. **PMS-38**
 DRAWING NO. **681** OF **1517**

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
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12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
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- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
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- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018

SE3
 3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
 (630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 941+00 - STA 955+00

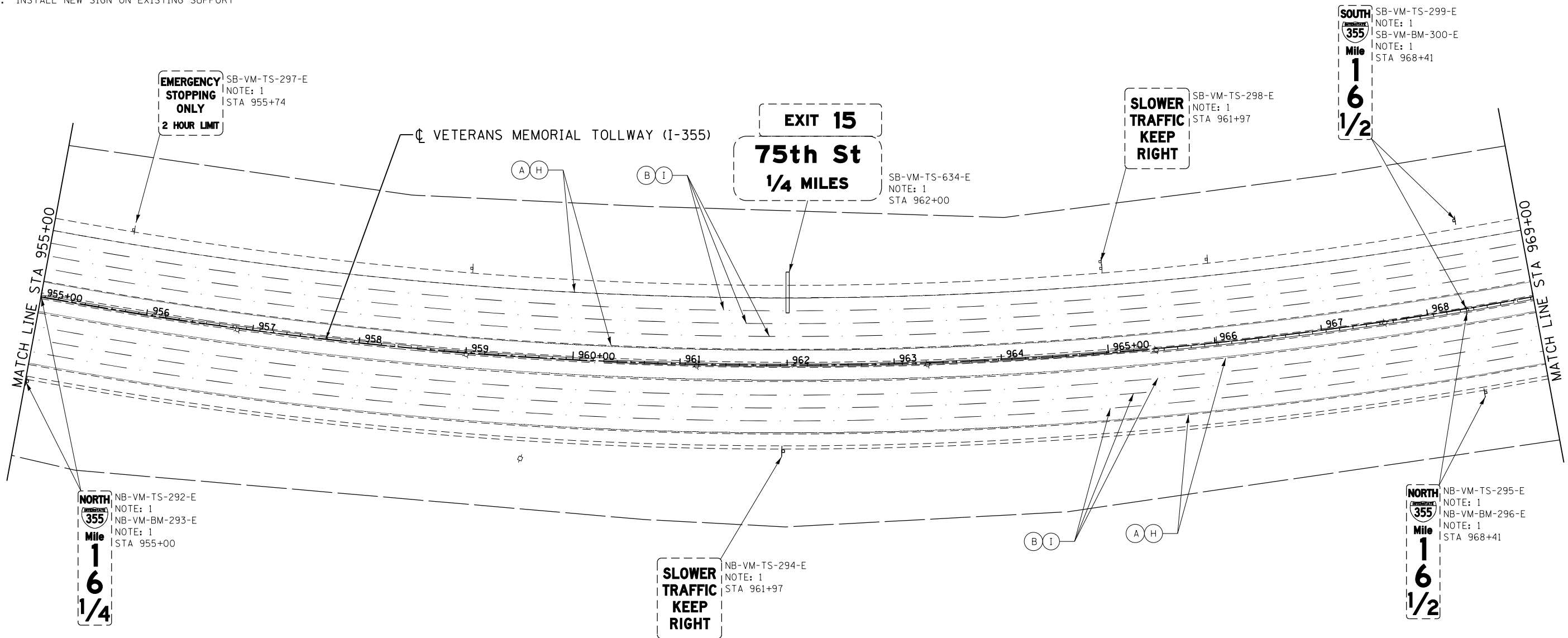
SHT NO. PMS-39
 DRAWING NO.
 682 OF 1517

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



SOUTH
355
 Mile
1 6 1/2
 SB-VM-TS-299-E
 NOTE: 1
 SB-VM-BM-300-E
 NOTE: 1
 STA 968+41

SLOWER TRAFFIC KEEP RIGHT
 SB-VM-TS-298-E
 NOTE: 1
 STA 961+97

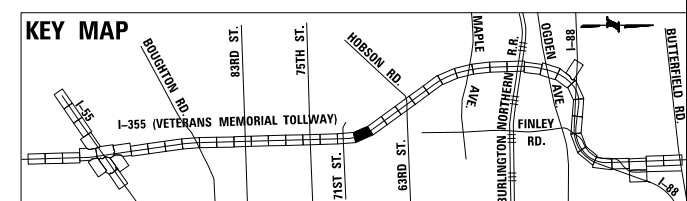
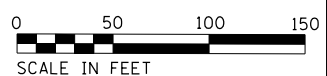
EXIT 15
75th St
1/4 MILES
 SB-VM-TS-634-E
 NOTE: 1
 STA 962+00

EMERGENCY STOPPING ONLY
2 HOUR LIMIT
 SB-VM-TS-297-E
 NOTE: 1
 STA 955+74

NORTH
355
 Mile
1 6 1/4
 NB-VM-TS-292-E
 NOTE: 1
 NB-VM-BM-293-E
 NOTE: 1
 STA 955+00

SLOWER TRAFFIC KEEP RIGHT
 NB-VM-TS-294-E
 NOTE: 1
 STA 961+97

NORTH
355
 Mile
1 6 1/2
 NB-VM-TS-295-E
 NOTE: 1
 NB-VM-BM-296-E
 NOTE: 1
 STA 968+41



DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DATE

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 955+00 - STA 969+00

SHT NO. **PMS-40**
 DRAWING NO. **683** OF **1517**

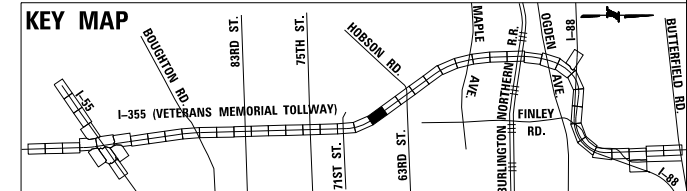
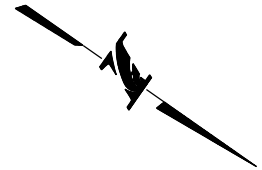
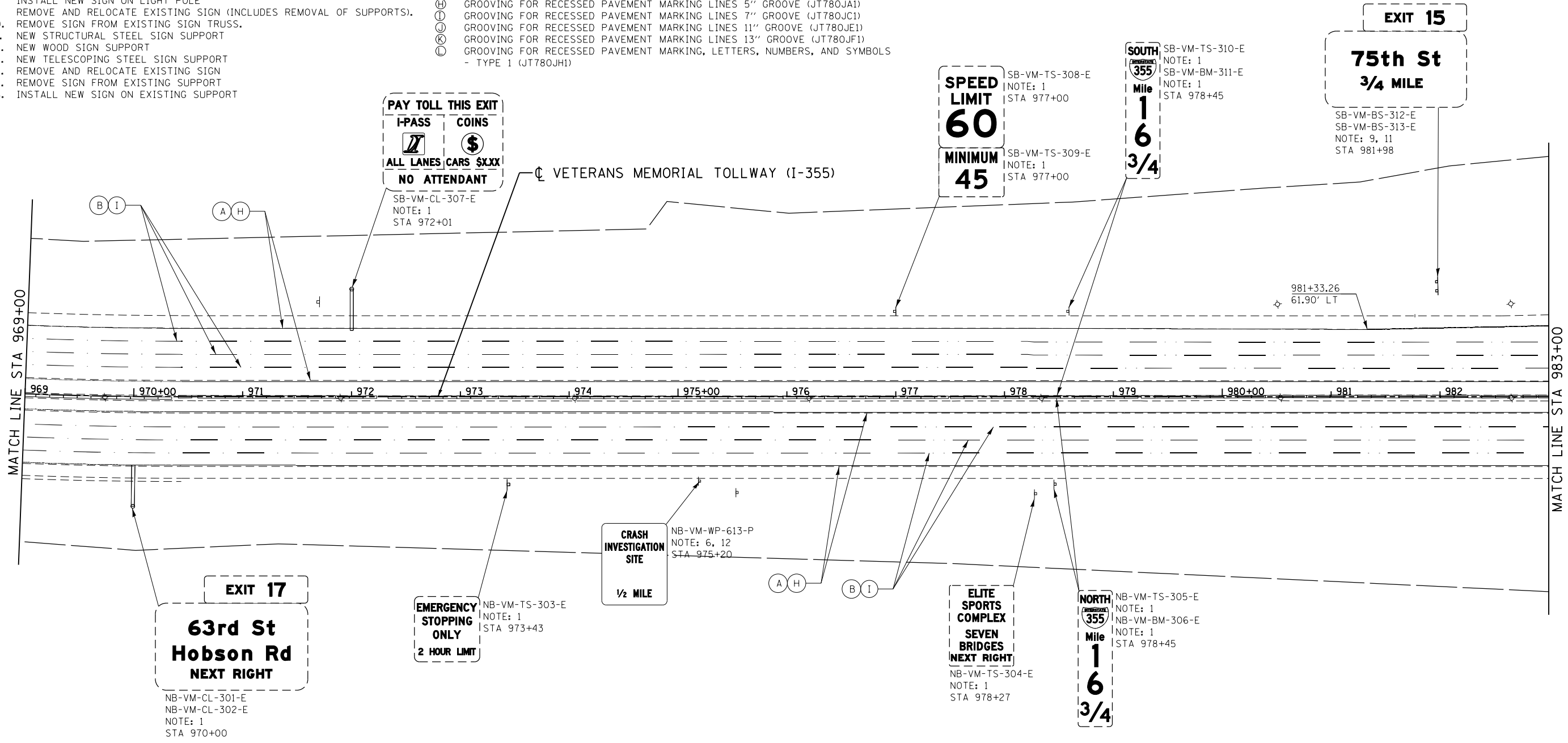
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SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 969+00 - STA 983+00

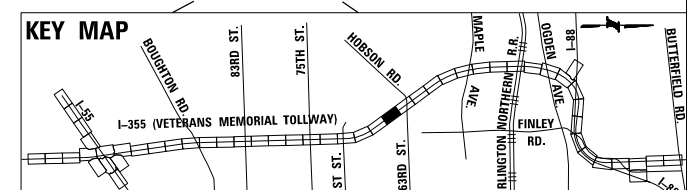
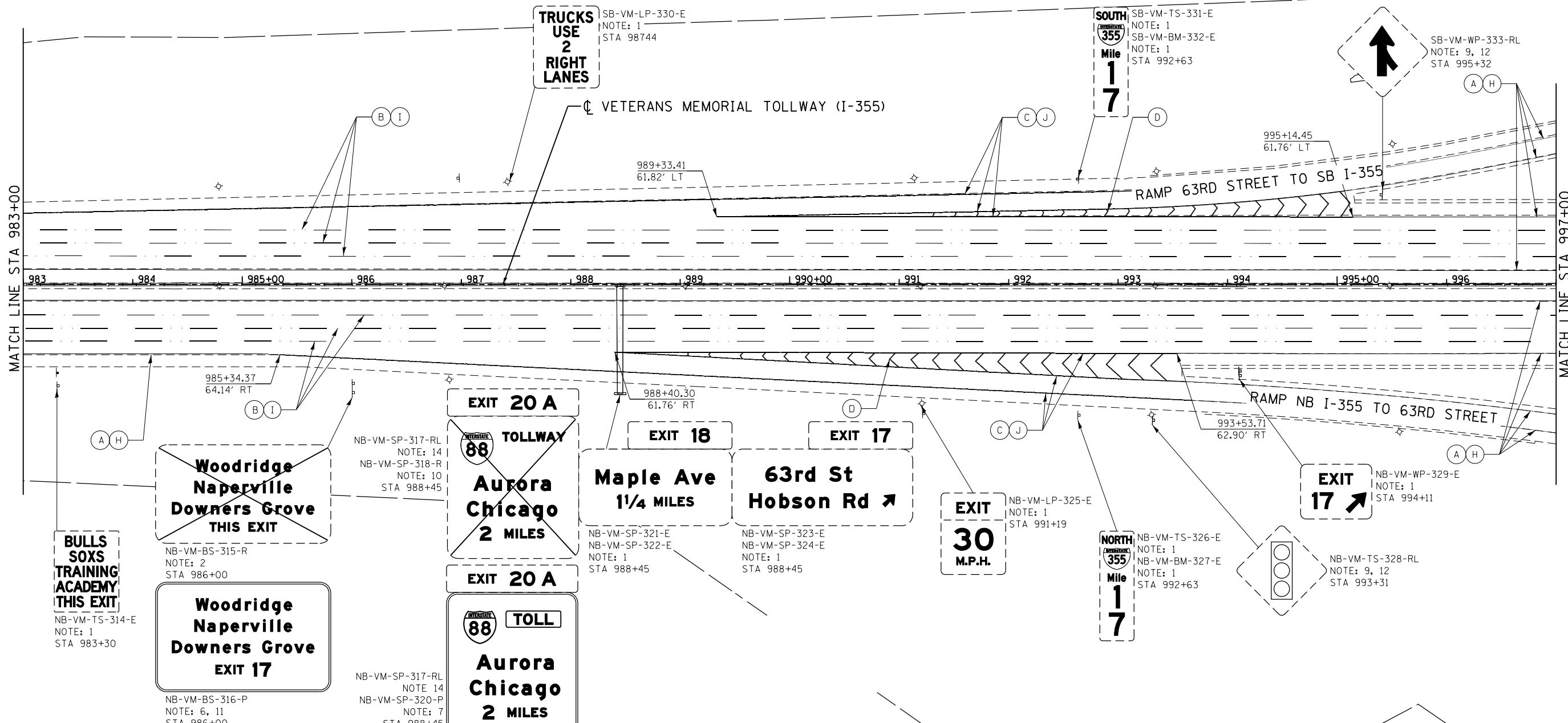
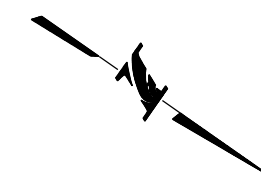
SHT NO. **PMS-41**
 DRAWING NO. **684** OF **1517**

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



DRAWN BY AWH DATE 3/11/2018
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SE3
 3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
 (630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 983+00 - STA 997+00

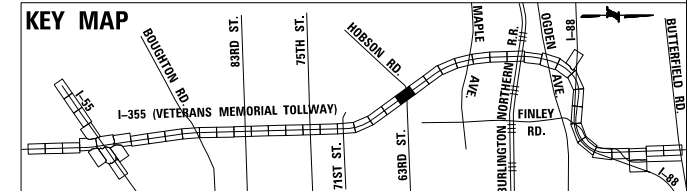
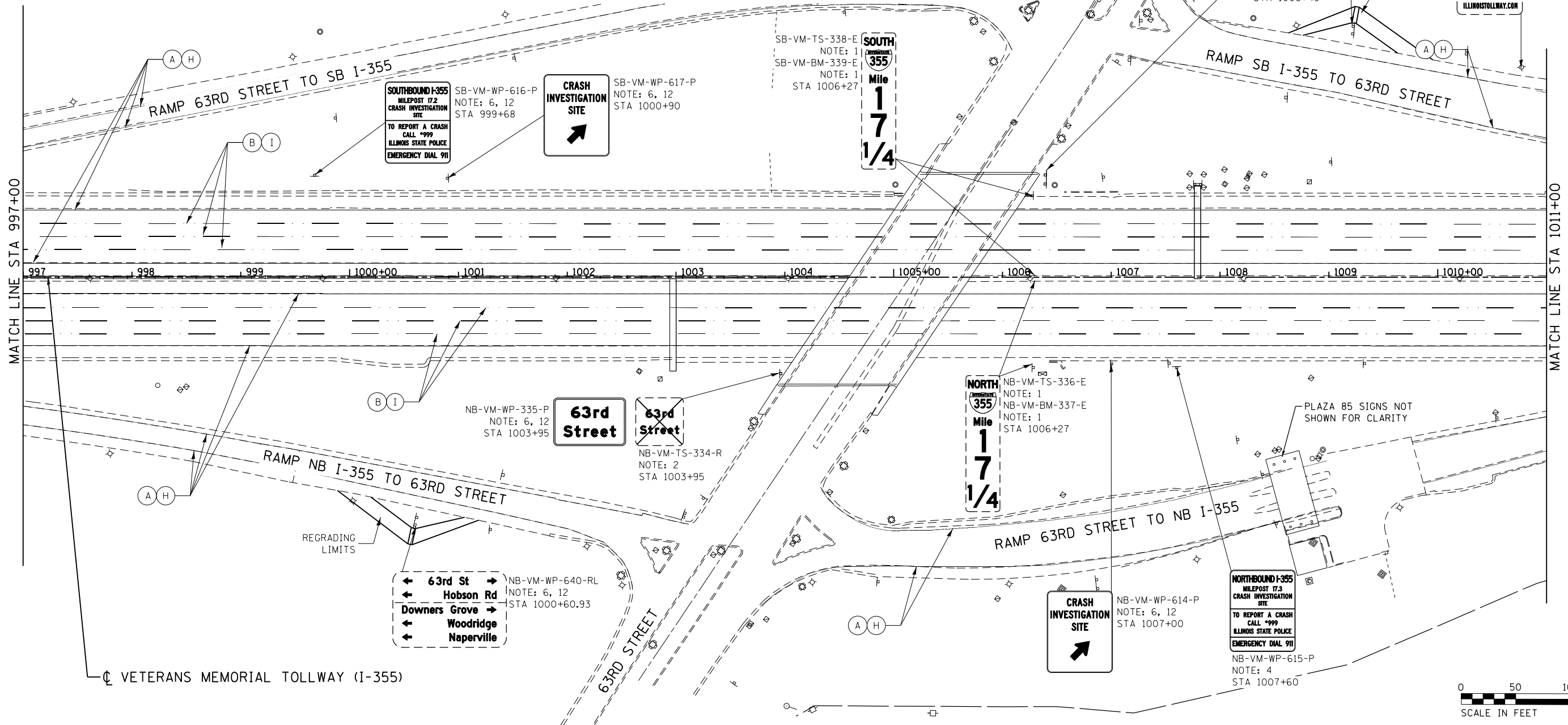
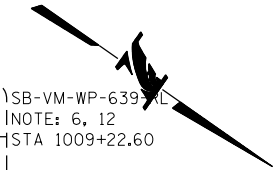
SHT NO. PMS-42
 DRAWING NO.
 685 OF 1517

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018

SE3
 3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
 (630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

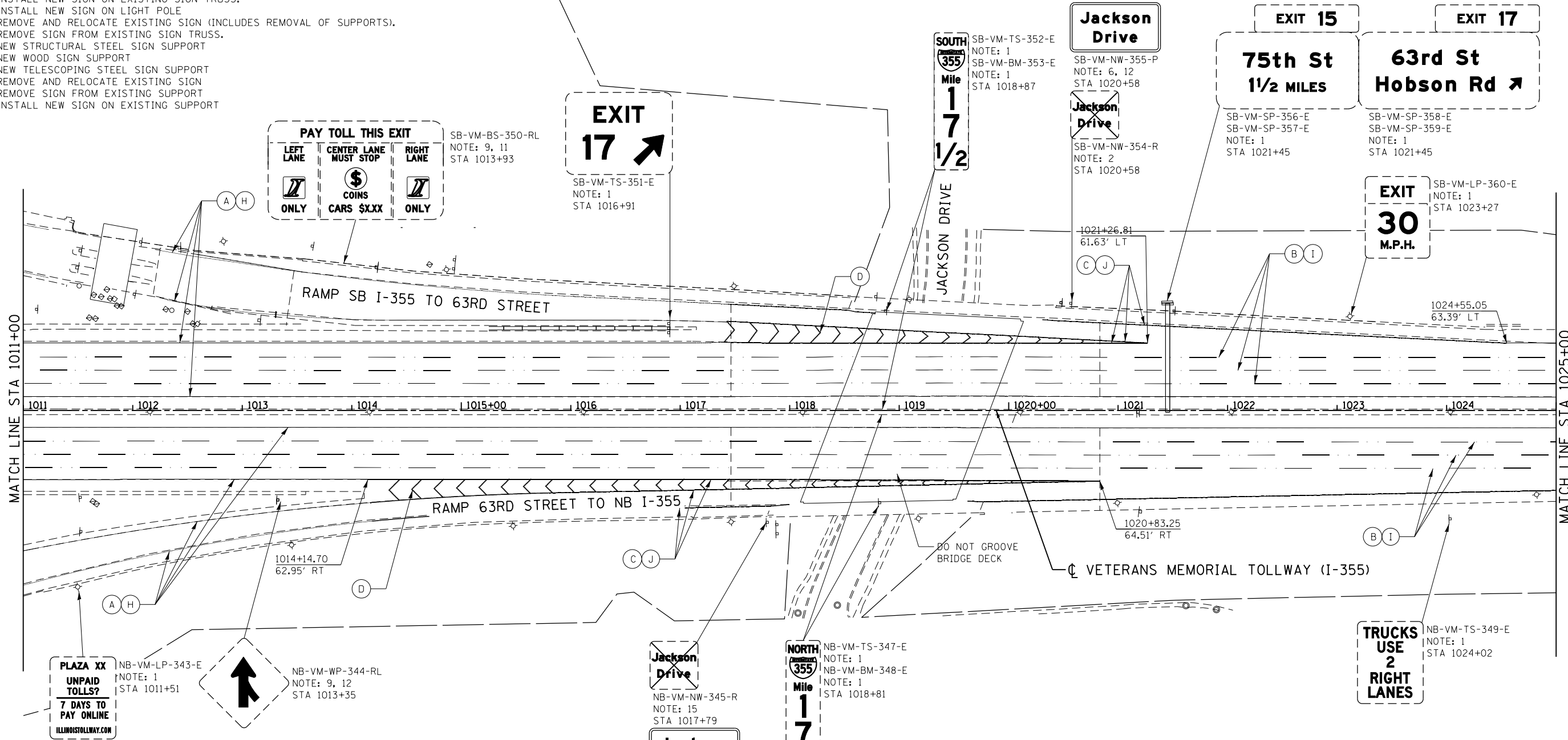
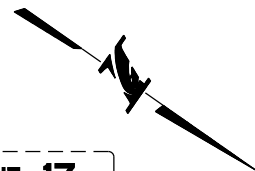
REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 997+00 - STA 1011+00

SHT NO. PMS-43
 DRAWING NO.
 686 OF 1517

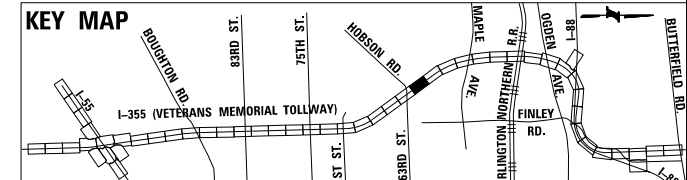
SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT



PAVEMENT MARKING LEGEND

- Ⓐ MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- Ⓑ MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- Ⓒ MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- Ⓓ MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- Ⓔ MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- Ⓕ MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- Ⓖ MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- Ⓗ GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- Ⓙ GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- Ⓚ GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- Ⓛ GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- Ⓜ GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DESCRIPTION

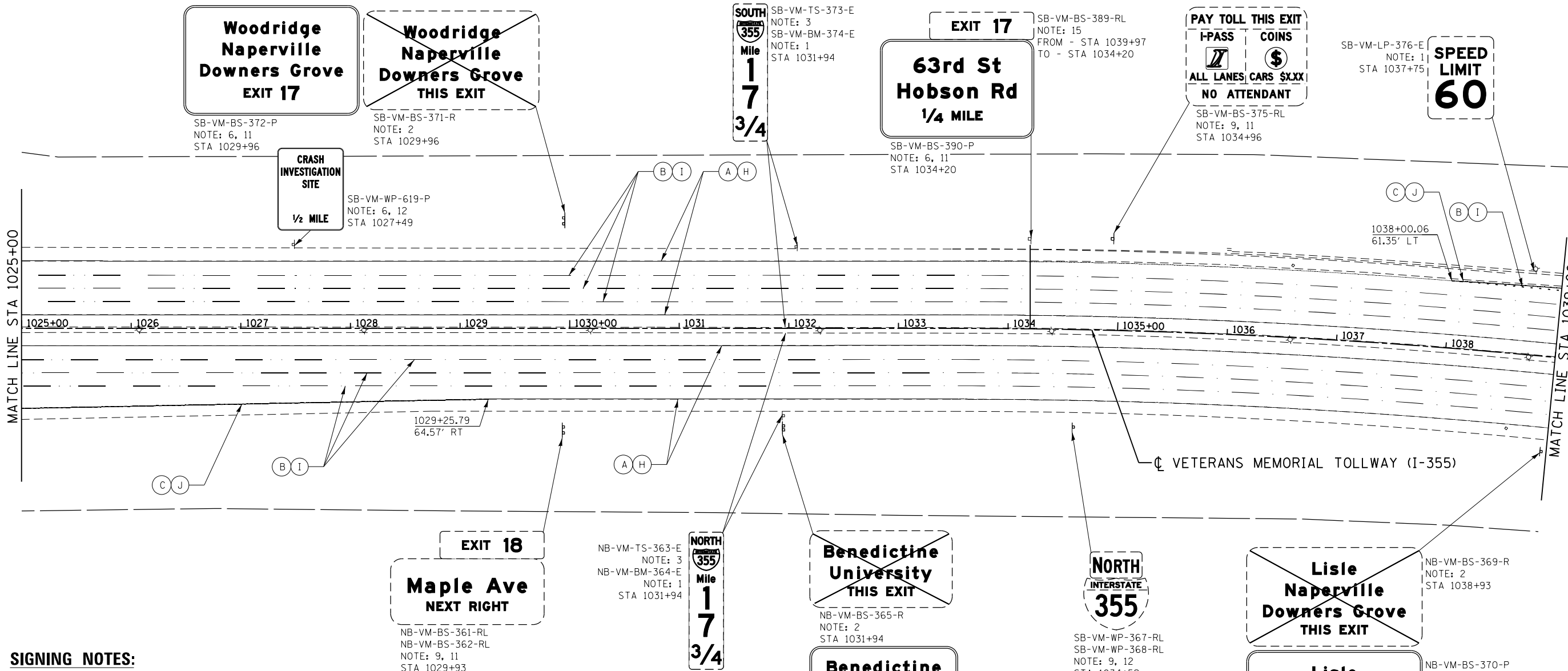
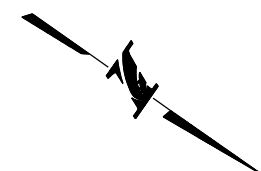
CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 1011+00 - STA 1025+00

SHT NO. **PMS-44**
 DRAWING NO. **687** OF **1517**

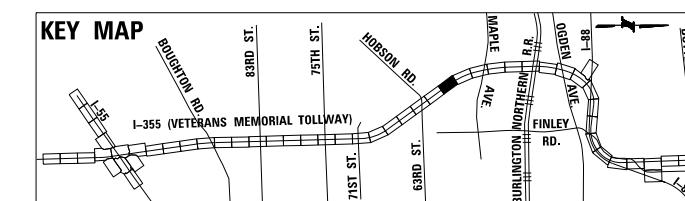
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PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT



DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 1025+00 - STA 1039+00

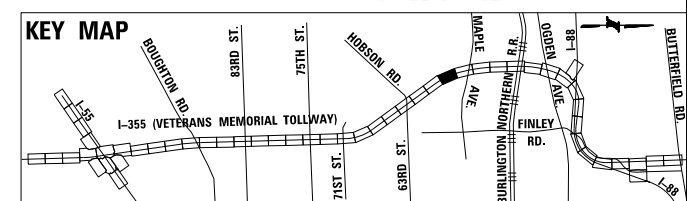
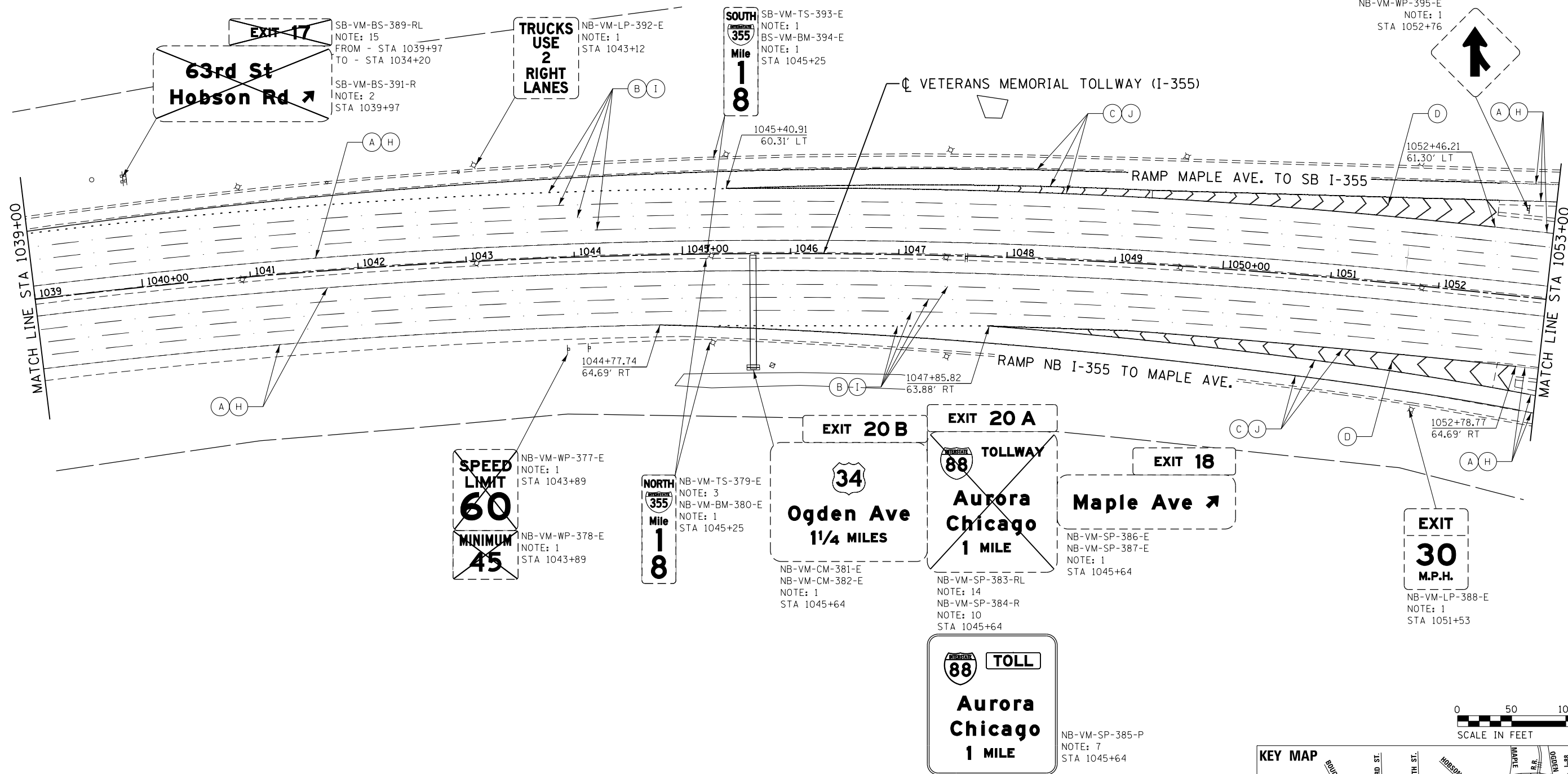
SHT NO. PMS-45
 DRAWING NO. 688 OF 1517

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 1039+00 - STA 1053+00

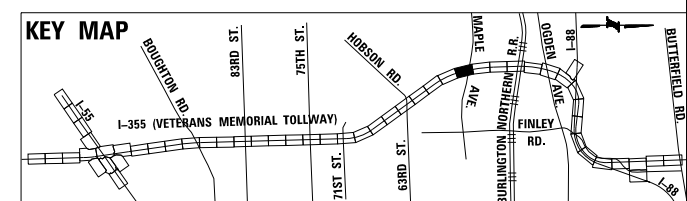
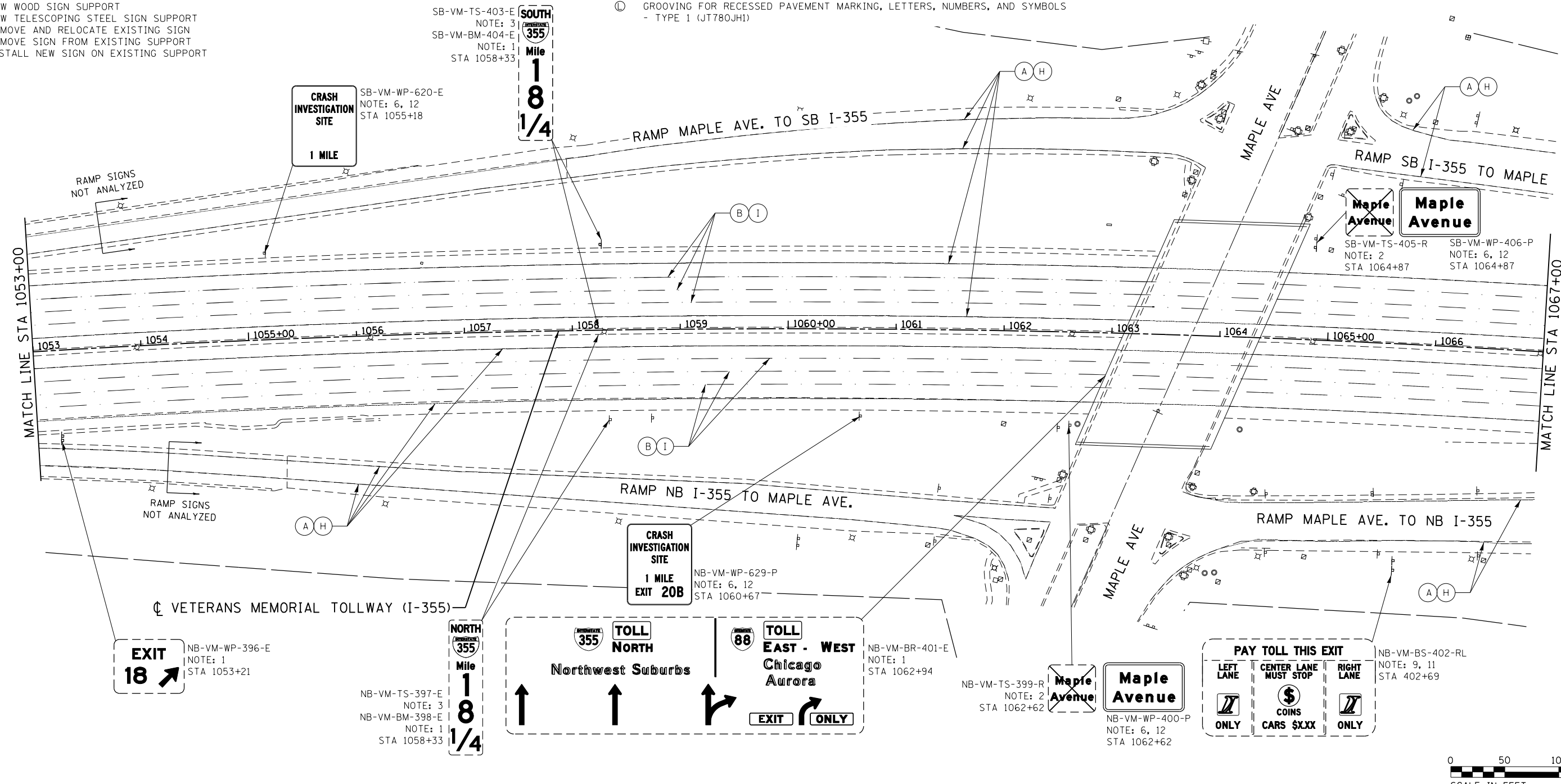
SHT NO. PMS-46
 DRAWING NO. 689 OF 1517

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 1055+00 - STA 1067+00

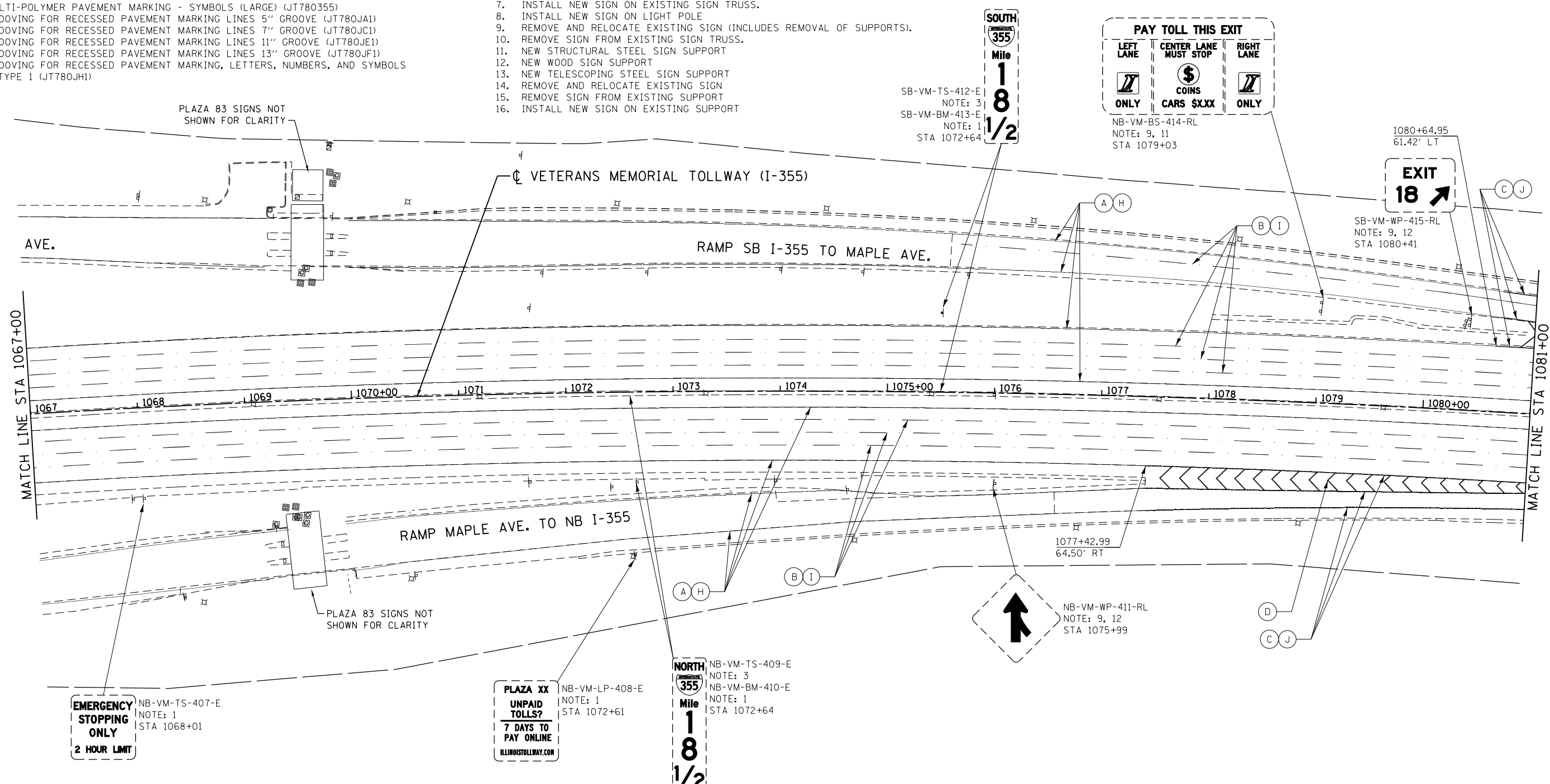
SHT NO. **PMS-47**
 DRAWING NO. **690**
 OF **1517**

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT.
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE.
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT.
12. NEW WOOD SIGN SUPPORT.
13. NEW TELESCOPING STEEL SIGN SUPPORT.
14. REMOVE AND RELOCATE EXISTING SIGN.
15. REMOVE SIGN FROM EXISTING SUPPORT.
16. INSTALL NEW SIGN ON EXISTING SUPPORT.



PLAZA 83 SIGNS NOT SHOWN FOR CLARITY

AVE.

VETERANS MEMORIAL TOLLWAY (I-355)

RAMP SB I-355 TO MAPLE AVE.

RAMP MAPLE AVE. TO NB I-355

PLAZA 83 SIGNS NOT SHOWN FOR CLARITY

EMERGENCY STOPPING ONLY
2 HOUR LIMIT

PLAZA XX UNPAID TOLLS?
7 DAYS TO PAY ONLINE
ILLINOISTOLLWAY.COM

SOUTH 355
Mile 1 1/2

PAY TOLL THIS EXIT

LEFT LANE ONLY	CENTER LANE MUST STOP	RIGHT LANE ONLY
	COINS CARS \$XXX	

NB-VM-BS-414-RL
NOTE: 9, 11
STA 1079+03

1080+64.95
61.42' LT

EXIT 18

SB-VM-WP-415-RL
NOTE: 9, 12
STA 1080+41

1077+42.99
64.50' RT

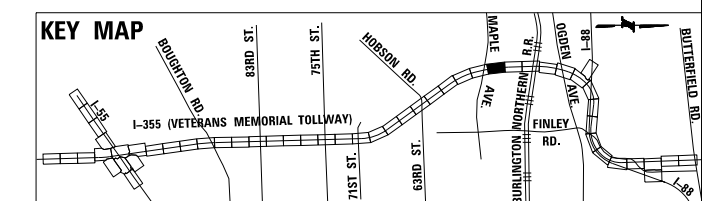
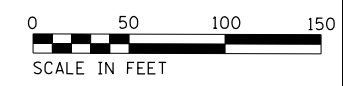
NORTH 355
Mile 1 1/2

NB-VM-WP-411-RL
NOTE: 9, 12
STA 1075+99

NORTH 355
Mile 1 1/2

NB-VM-TS-409-E
NOTE: 3
STA 1072+64

NB-VM-BM-410-E
NOTE: 1
STA 1072+64



DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
PAVEMENT MARKING & SIGNING PLANS
STA 1067+00 - STA 1081+00

SHT NO. PMS-48
DRAWING NO. 691 OF 1517

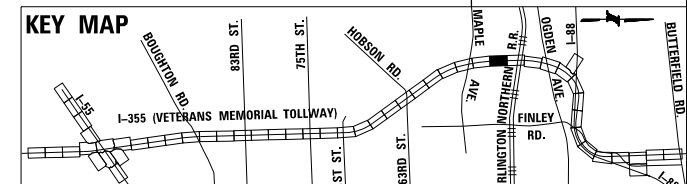
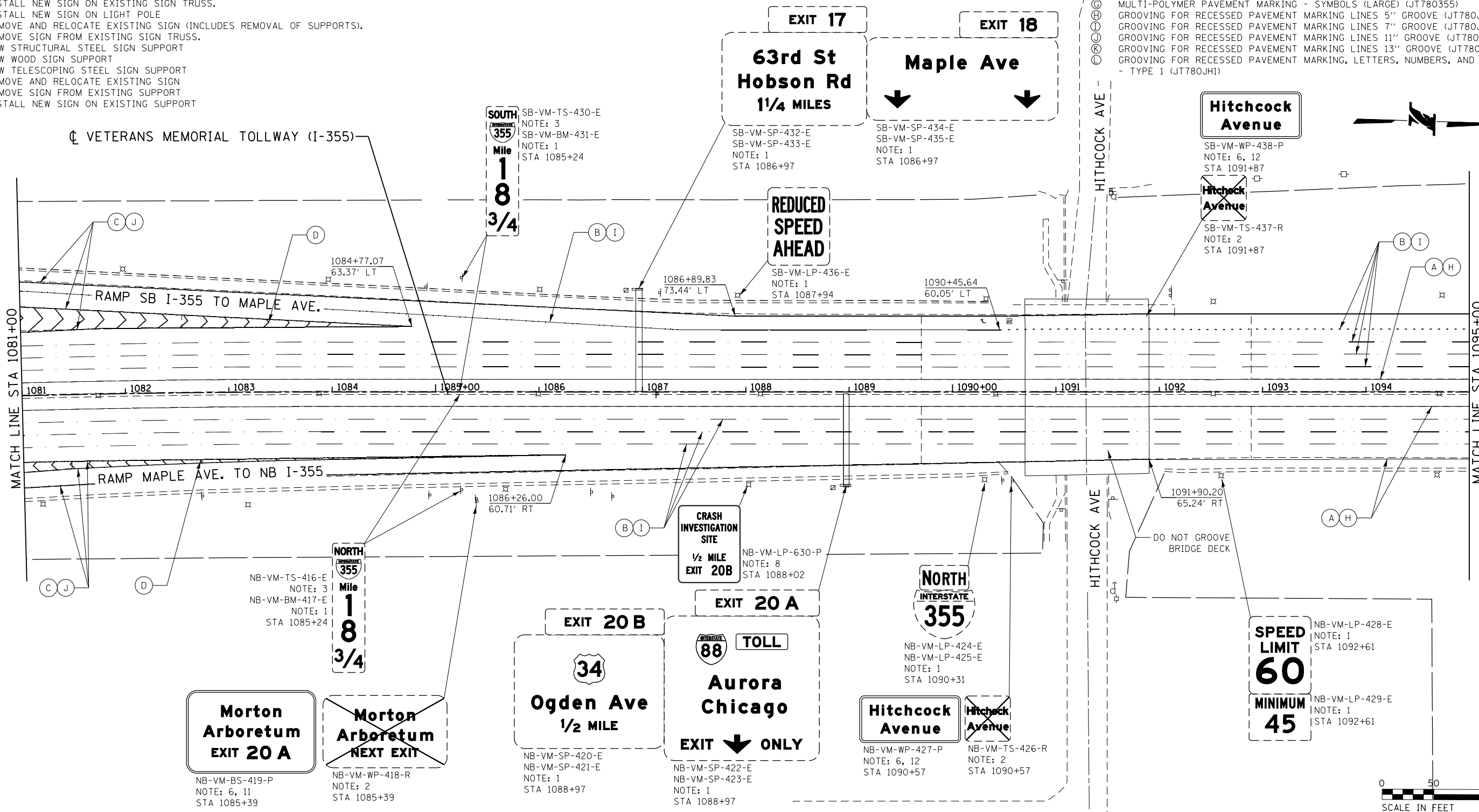
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SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- Ⓜ MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- Ⓜ MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- Ⓜ MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- Ⓜ MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- Ⓜ MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- Ⓜ MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- Ⓜ MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- Ⓜ GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- Ⓜ GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- Ⓜ GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- Ⓜ GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- Ⓜ GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018



REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 1081+00 - STA 1095+00

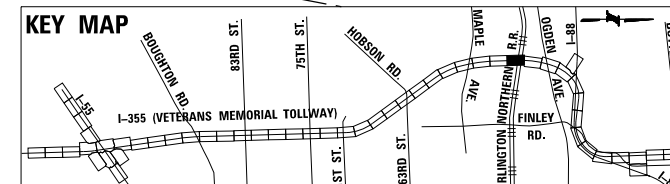
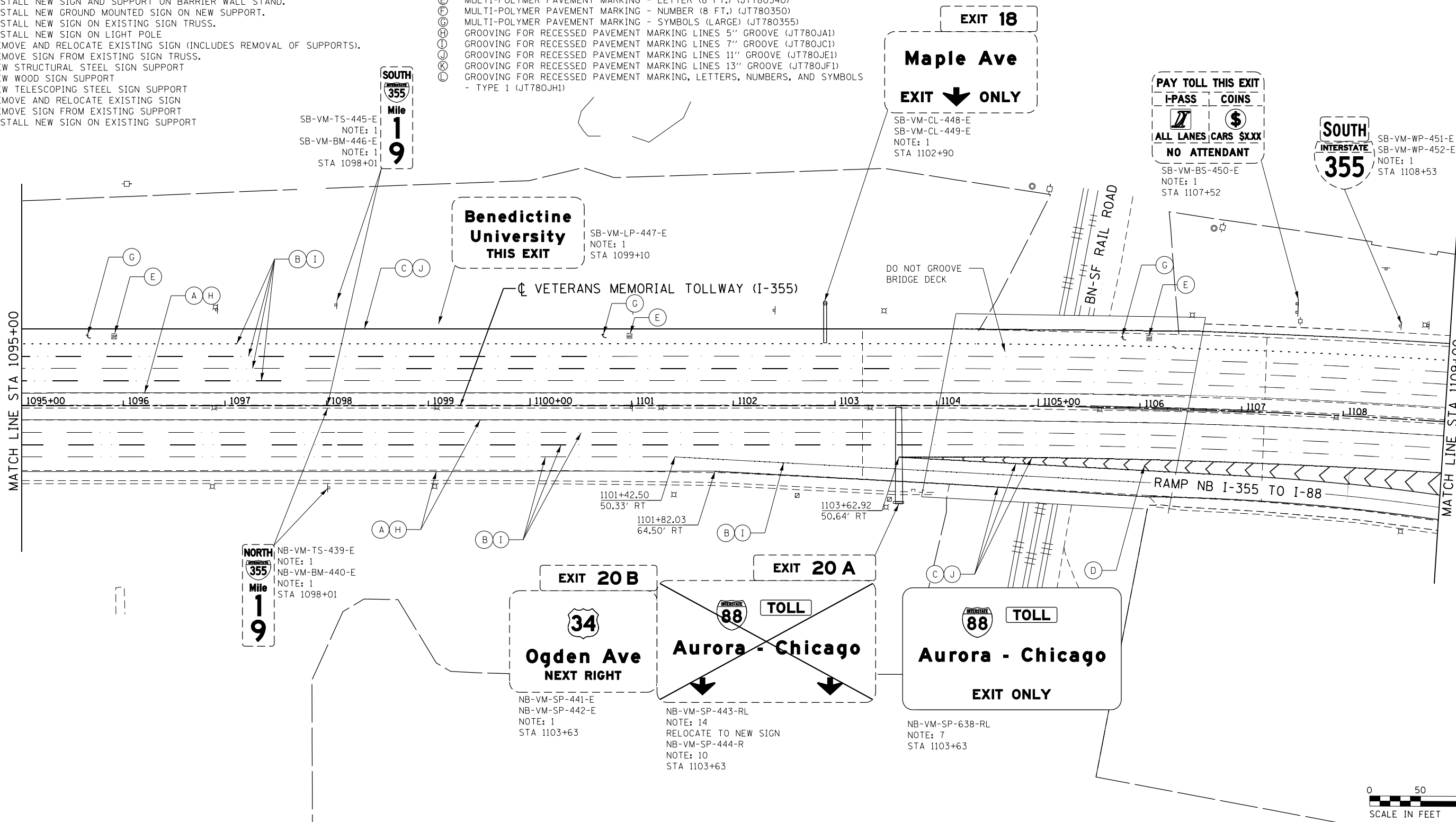
SHT NO. PMS-49
 DRAWING NO.
 692 OF 1517

SIGNING NOTES:

- EXISTING SIGN TO REMAIN.
- REMOVE EXISTING SIGN PANEL AND SUPPORT.
- ADJUST STUB POST HEIGHT
- INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
- INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
- INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
- INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
- INSTALL NEW SIGN ON LIGHT POLE
- REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
- REMOVE SIGN FROM EXISTING SIGN TRUSS.
- NEW STRUCTURAL STEEL SIGN SUPPORT
- NEW WOOD SIGN SUPPORT
- NEW TELESCOPING STEEL SIGN SUPPORT
- REMOVE AND RELOCATE EXISTING SIGN
- REMOVE SIGN FROM EXISTING SUPPORT
- INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



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DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**

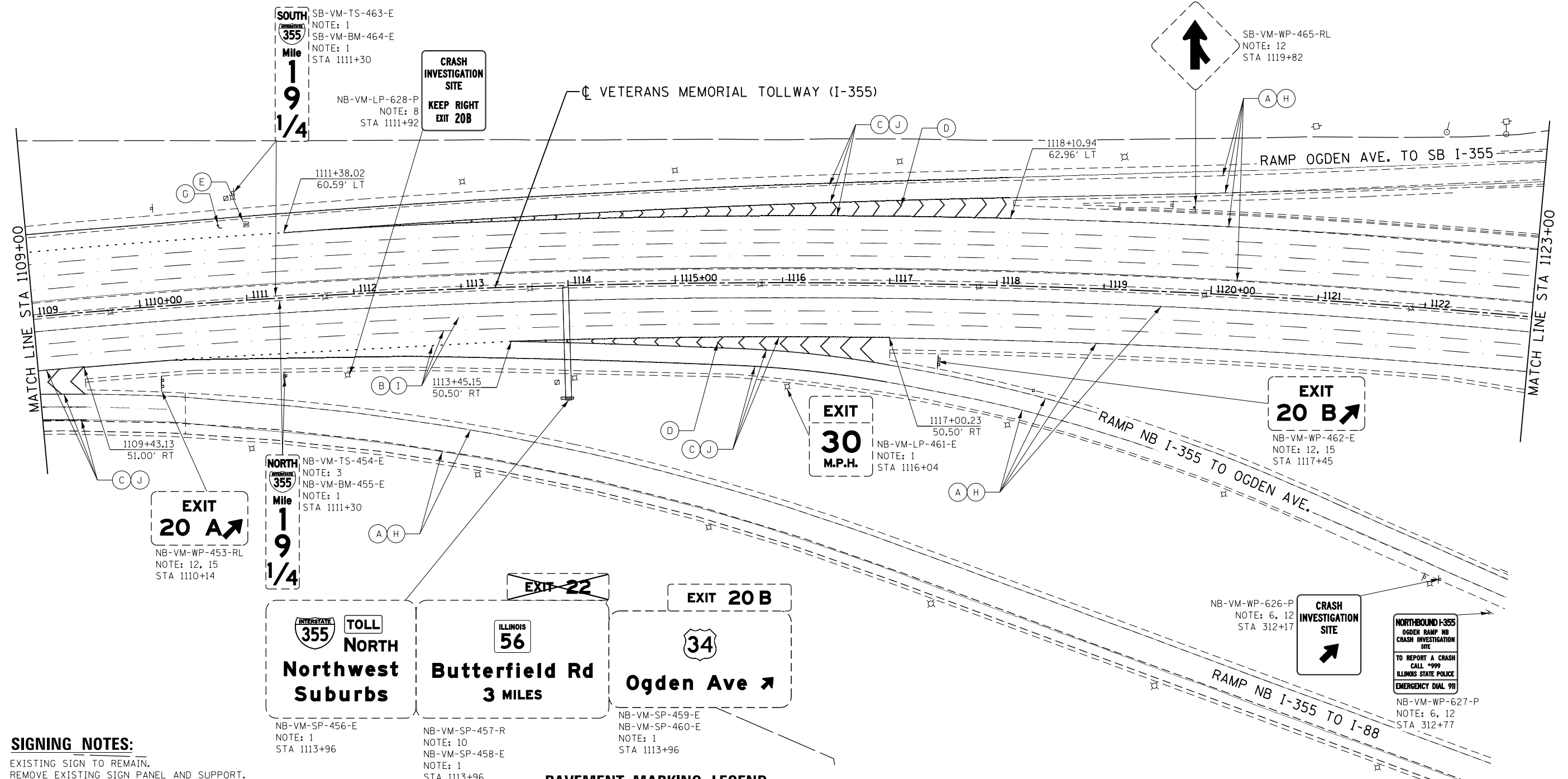
SE3
 3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
 (630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. **RR-16-4255**
PAVEMENT MARKING & SIGNING PLANS
 STA 1095+00 - STA 1109+00

SHT NO. **PMS-50**
 DRAWING NO. **693** OF **1517**

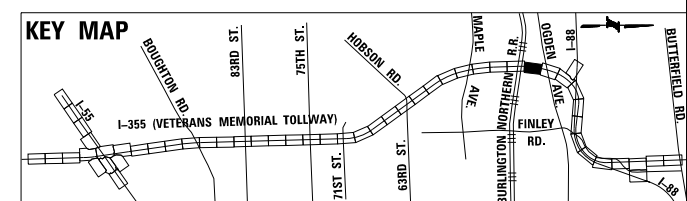
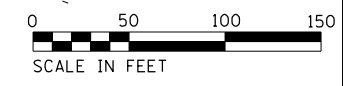


SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018

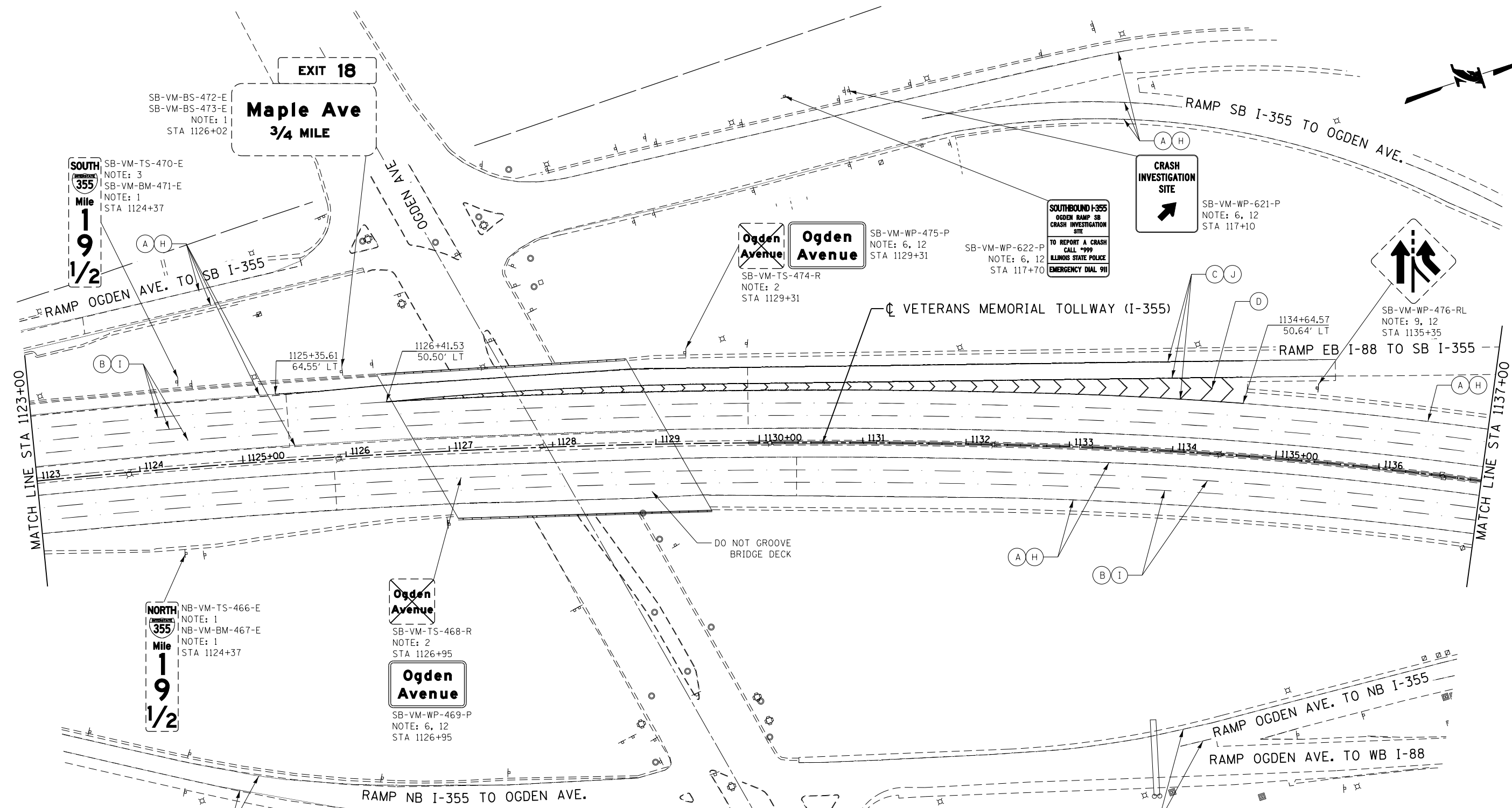


REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 1109+00 - STA 1123+00

SHT NO. PMS-51
 DRAWING NO. 694 OF 1517

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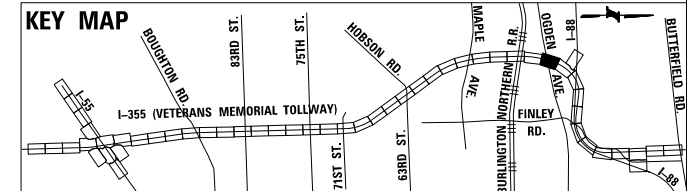
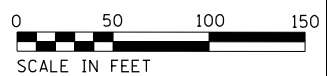


SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
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- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



DRAWN BY	AWH	DATE	3/11/2018
CHECKED BY	DWB	DATE	3/11/2018

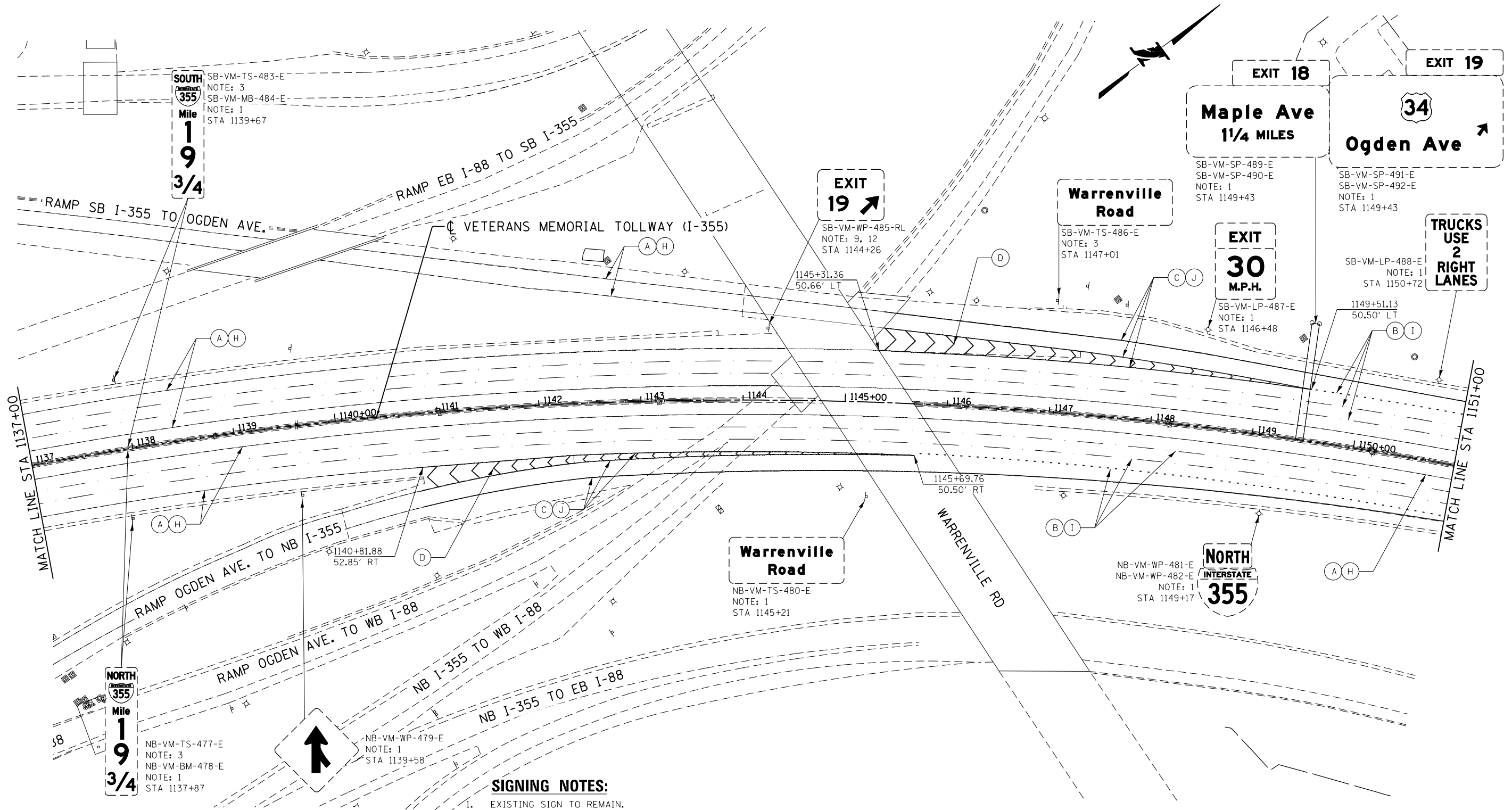


REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 1123+00 - STA 1137+00

SHT NO. PMS-52
 DRAWING NO.
 695 OF 1517

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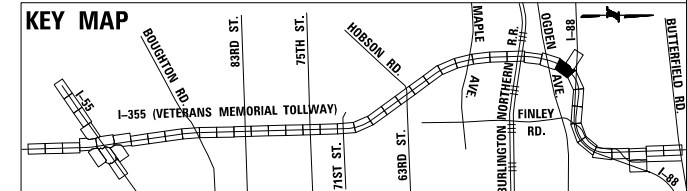
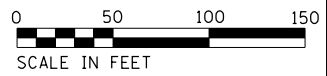


PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
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- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT



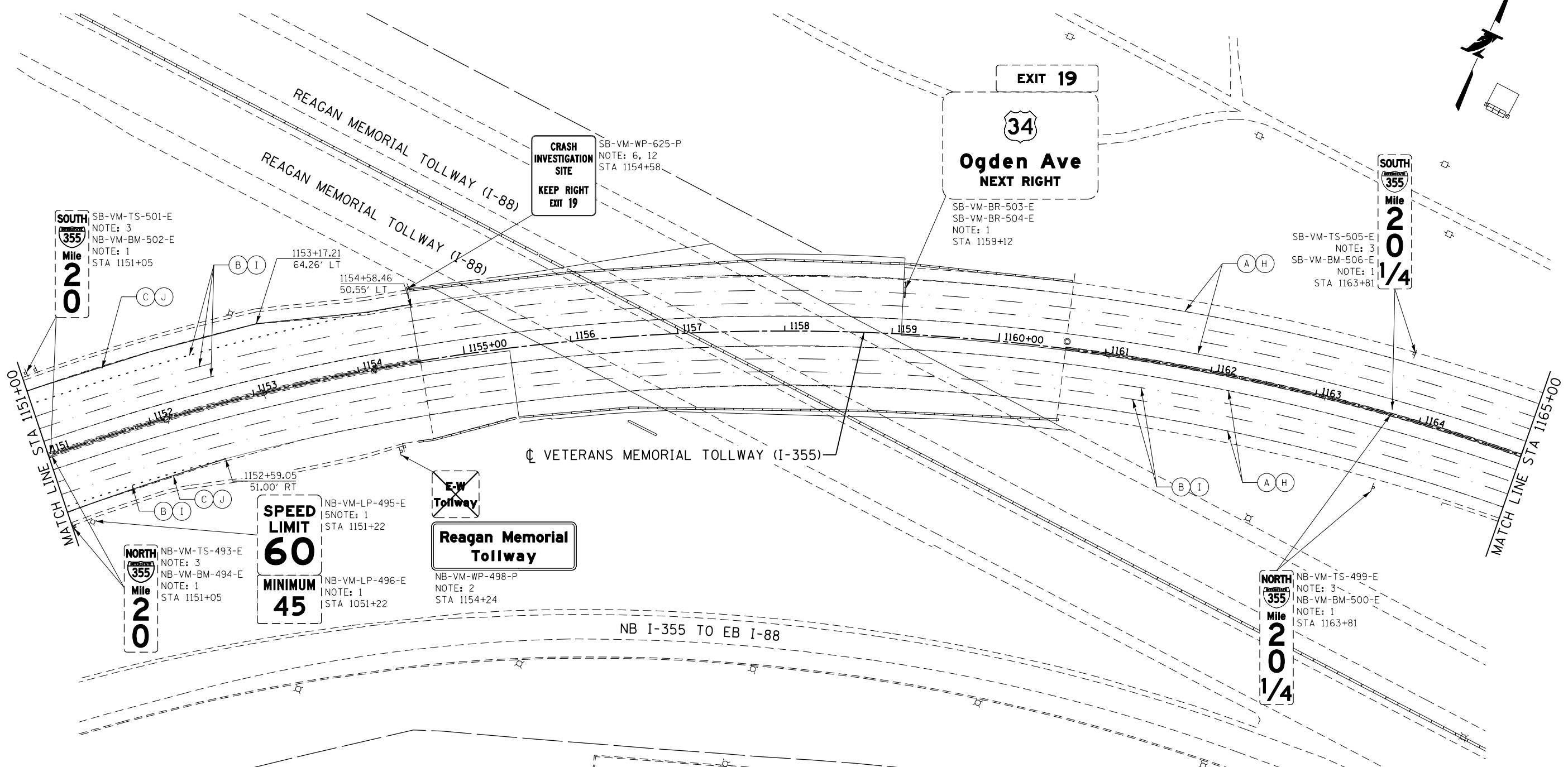
DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 1137+00 - STA 1151+00

SHT NO. **PMS-53**
 DRAWING NO. **696**
 OF **1517**



SOUTH
 355
 Mile
 20

SB-VM-TS-501-E
 NOTE: 3
 NB-VM-BM-502-E
 NOTE: 1
 STA 1151+05

NORTH
 355
 Mile
 20

NB-VM-TS-493-E
 NOTE: 3
 NB-VM-BM-494-E
 NOTE: 1
 STA 1151+05

SPEED LIMIT 60
MINIMUM 45

NB-VM-LP-495-E
 NOTE: 1
 STA 1151+22

NB-VM-LP-496-E
 NOTE: 1
 STA 1051+22

Reagan Memorial Tollway

NB-VM-WP-498-P
 NOTE: 2
 STA 1154+24

CRASH INVESTIGATION SITE
KEEP RIGHT EXIT 19

SB-VM-WP-625-P
 NOTE: 6, 12
 STA 1154+58

EXIT 19

34
Ogden Ave
NEXT RIGHT

SB-VM-BR-503-E
 SB-VM-BR-504-E
 NOTE: 1
 STA 1159+12

SOUTH
 355
 Mile
 20 1/4

SB-VM-TS-505-E
 NOTE: 3
 SB-VM-BM-506-E
 NOTE: 1
 STA 1163+81

NORTH
 355
 Mile
 20 1/4

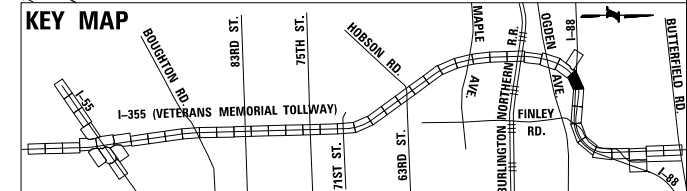
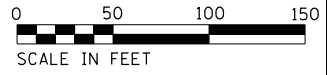
NB-VM-TS-499-E
 NOTE: 3
 NB-VM-BM-500-E
 NOTE: 1
 STA 1163+81

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 1151+00 - STA 1165+00

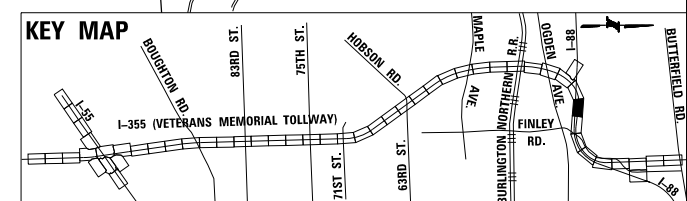
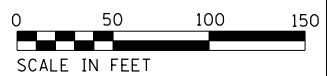
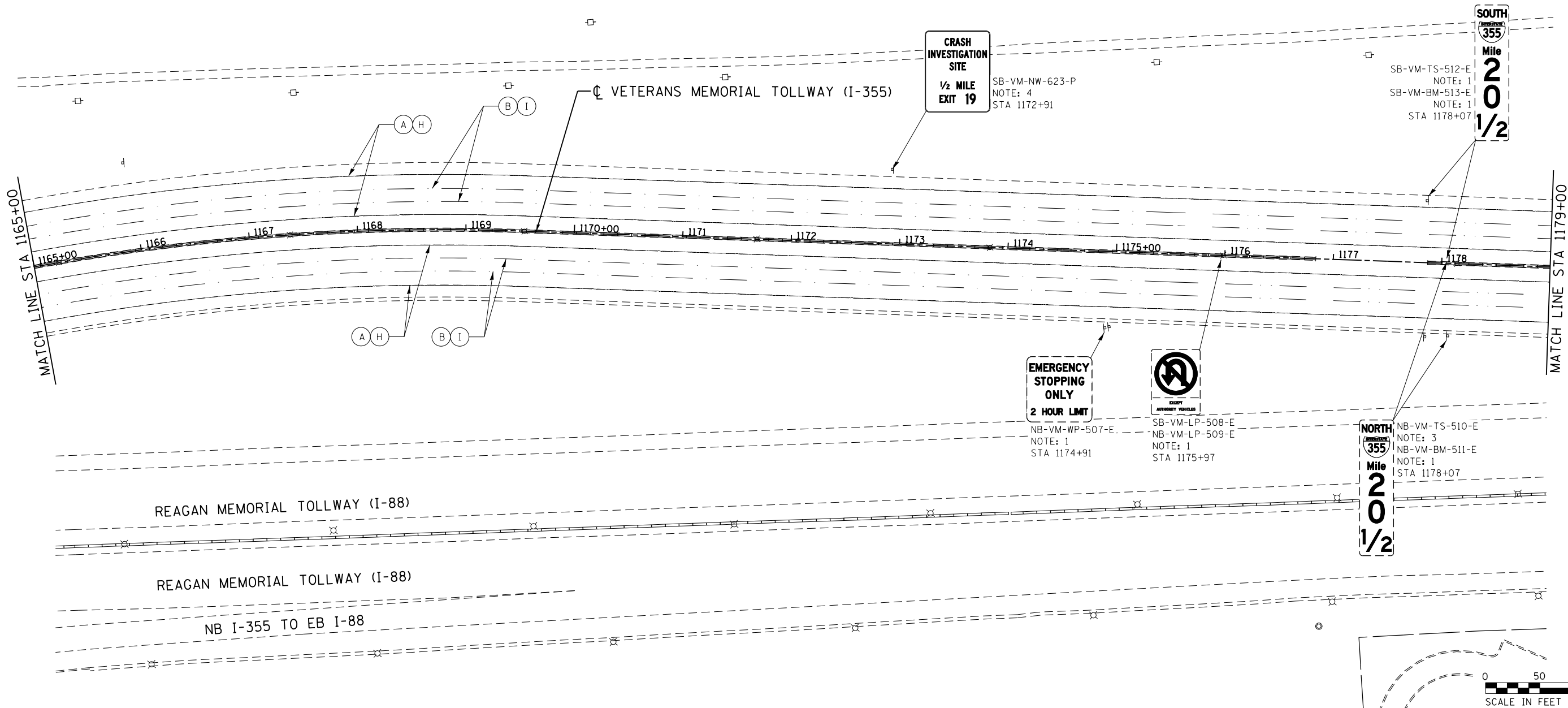
SHT NO. PMS-54
 DRAWING NO.
 697 OF 1517

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 1165+00 - STA 1179+00

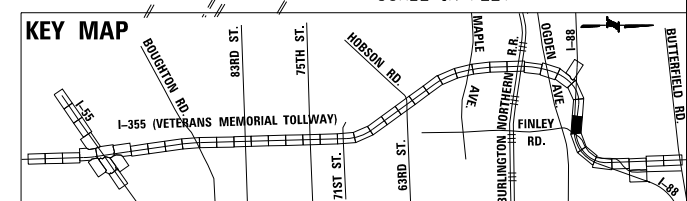
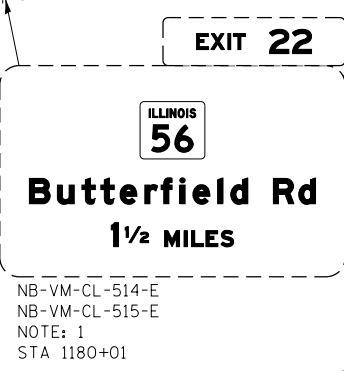
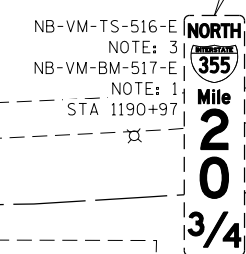
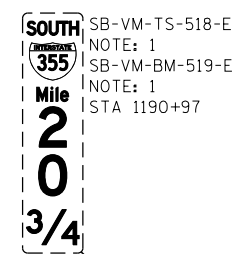
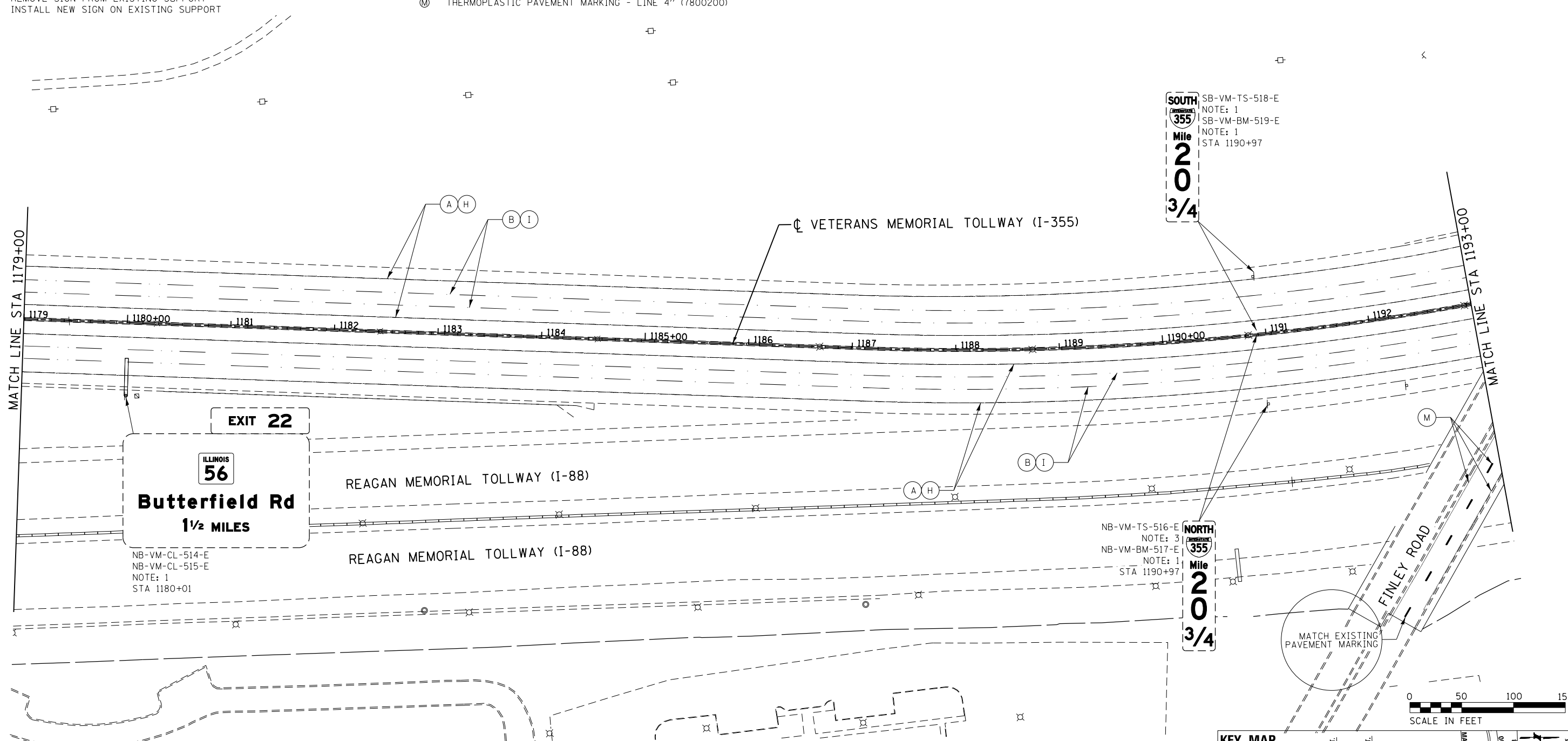
SHT NO. PMS-55
 DRAWING NO. 698 OF 1517

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
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- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)
- (M) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (780200)



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DRAWN BY AWH DATE 3/11/2018
 CHECKED BY DWB DATE 3/11/2018

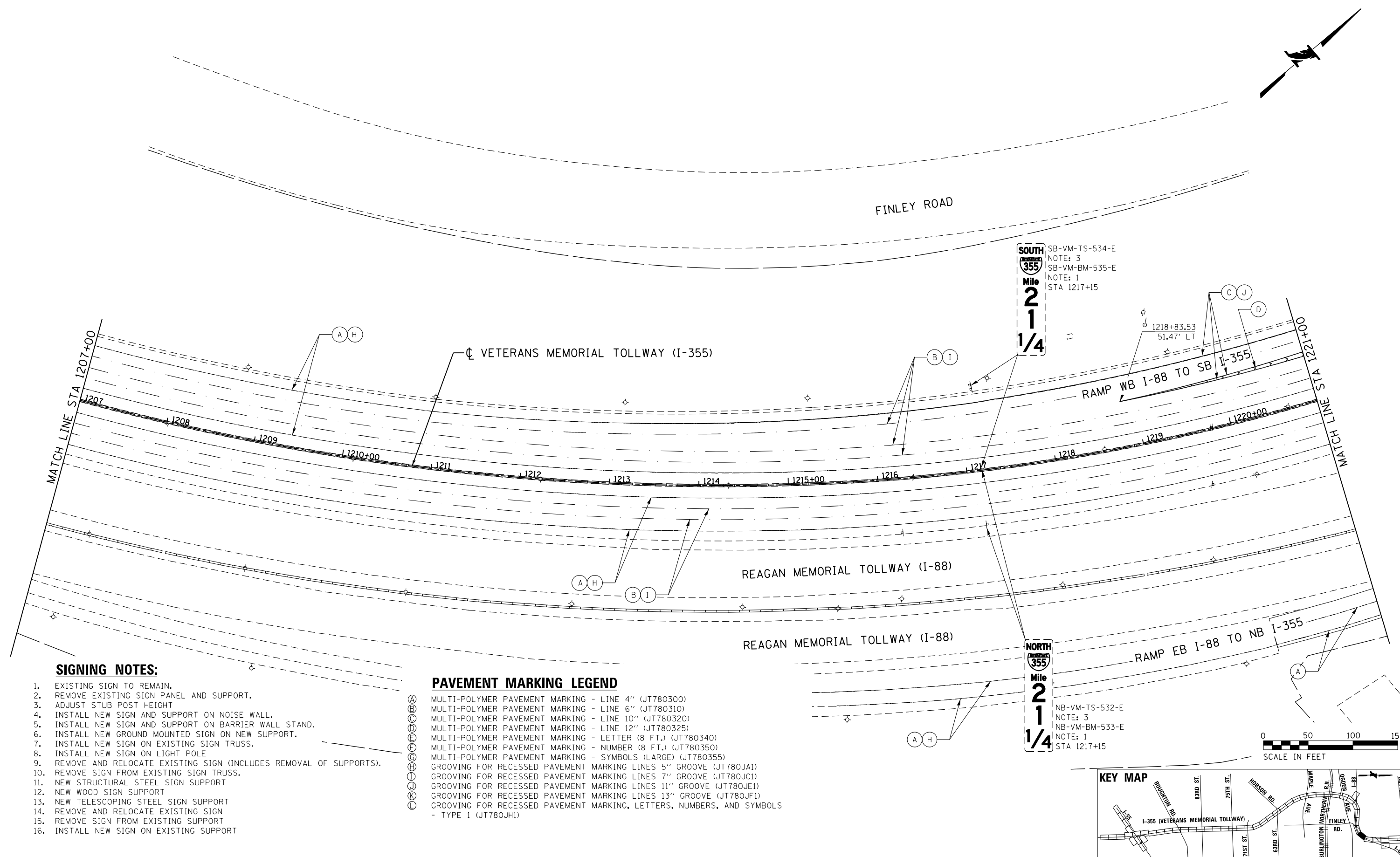


NO.		DATE		REVISIONS DESCRIPTION	

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 1179+00 - STA 1193+00

SHT NO. PMS-56
 DRAWING NO. 699 OF 1517

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SOUTH
355
 Mile
2 1/4
 SB-VM-TS-534-E
 NOTE: 3
 SB-VM-BM-535-E
 NOTE: 1
 STA 1217+15

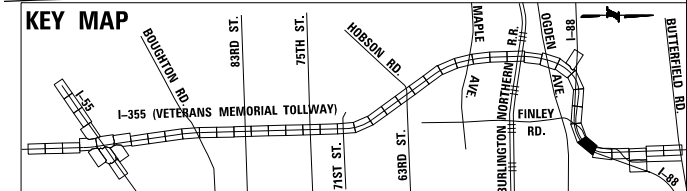
NORTH
355
 Mile
2 1/4
 NB-VM-TS-532-E
 NOTE: 3
 NB-VM-BM-533-E
 NOTE: 1
 STA 1217+15

SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**

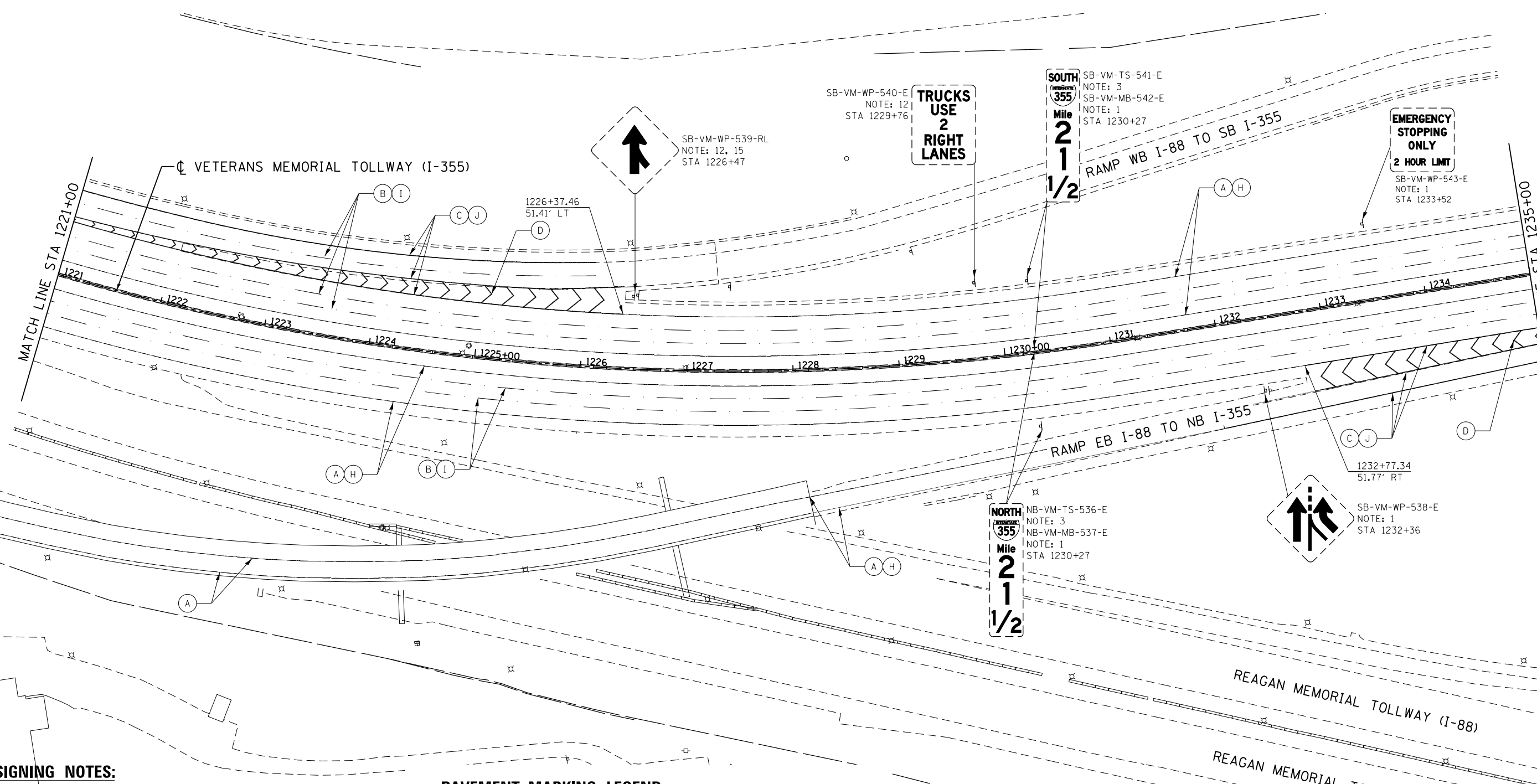
SE3
 3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
 (630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 1207+00 - STA 1221+00

SHT NO. PMS-58
 DRAWING NO.
 701 OF 1517



SB-VM-WP-540-E
NOTE: 12
STA 1229+76

SB-VM-WP-539-RL
NOTE: 12, 15
STA 1226+47

SOUTH
355
Mile
2
1
1/2
SB-VM-TS-541-E
NOTE: 3
SB-VM-MB-542-E
NOTE: 1
STA 1230+27

EMERGENCY
STOPPING
ONLY
2 HOUR LIMIT
SB-VM-WP-543-E
NOTE: 1
STA 1233+52

NORTH
355
Mile
2
1
1/2
NB-VM-TS-536-E
NOTE: 3
NB-VM-MB-537-E
NOTE: 1
STA 1230+27

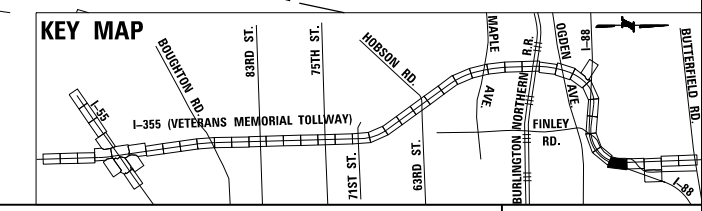
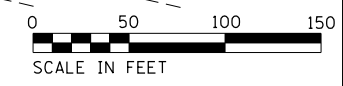
SB-VM-WP-538-E
NOTE: 1
STA 1232+36

SIGNING NOTES:

- EXISTING SIGN TO REMAIN.
- REMOVE EXISTING SIGN PANEL AND SUPPORT.
- ADJUST STUB POST HEIGHT
- INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
- INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
- INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
- INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
- INSTALL NEW SIGN ON LIGHT POLE
- REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
- REMOVE SIGN FROM EXISTING SIGN TRUSS.
- NEW STRUCTURAL STEEL SIGN SUPPORT
- NEW WOOD SIGN SUPPORT
- NEW TELESCOPING STEEL SIGN SUPPORT
- REMOVE AND RELOCATE EXISTING SIGN
- REMOVE SIGN FROM EXISTING SUPPORT
- INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018

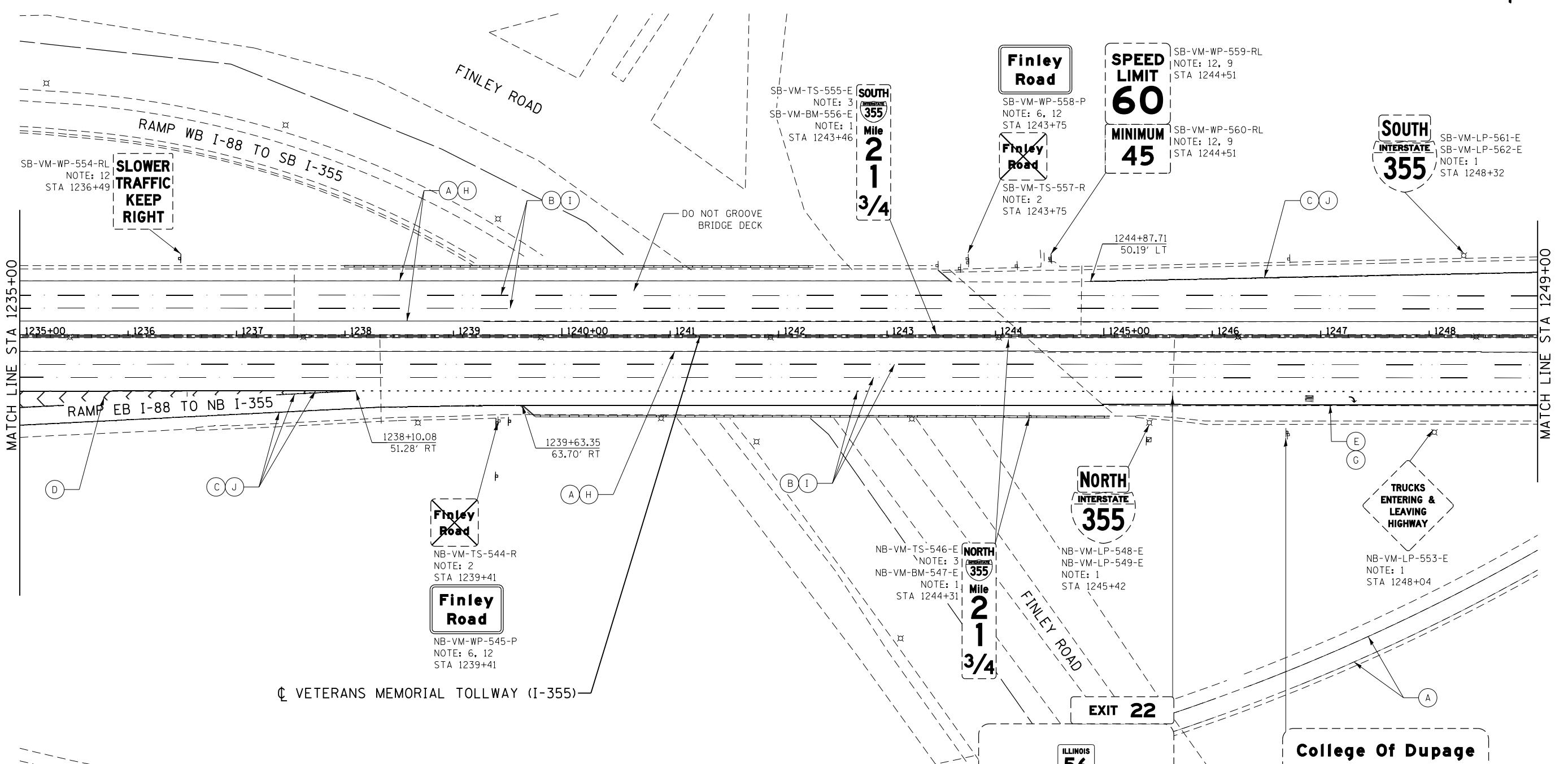


REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
PAVEMENT MARKING & SIGNING PLANS
STA 1221+00 - STA 1235+00

SHT NO. PMS-59
DRAWING NO.
702 OF 1517

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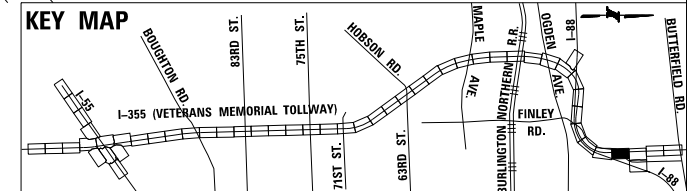


SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
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13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



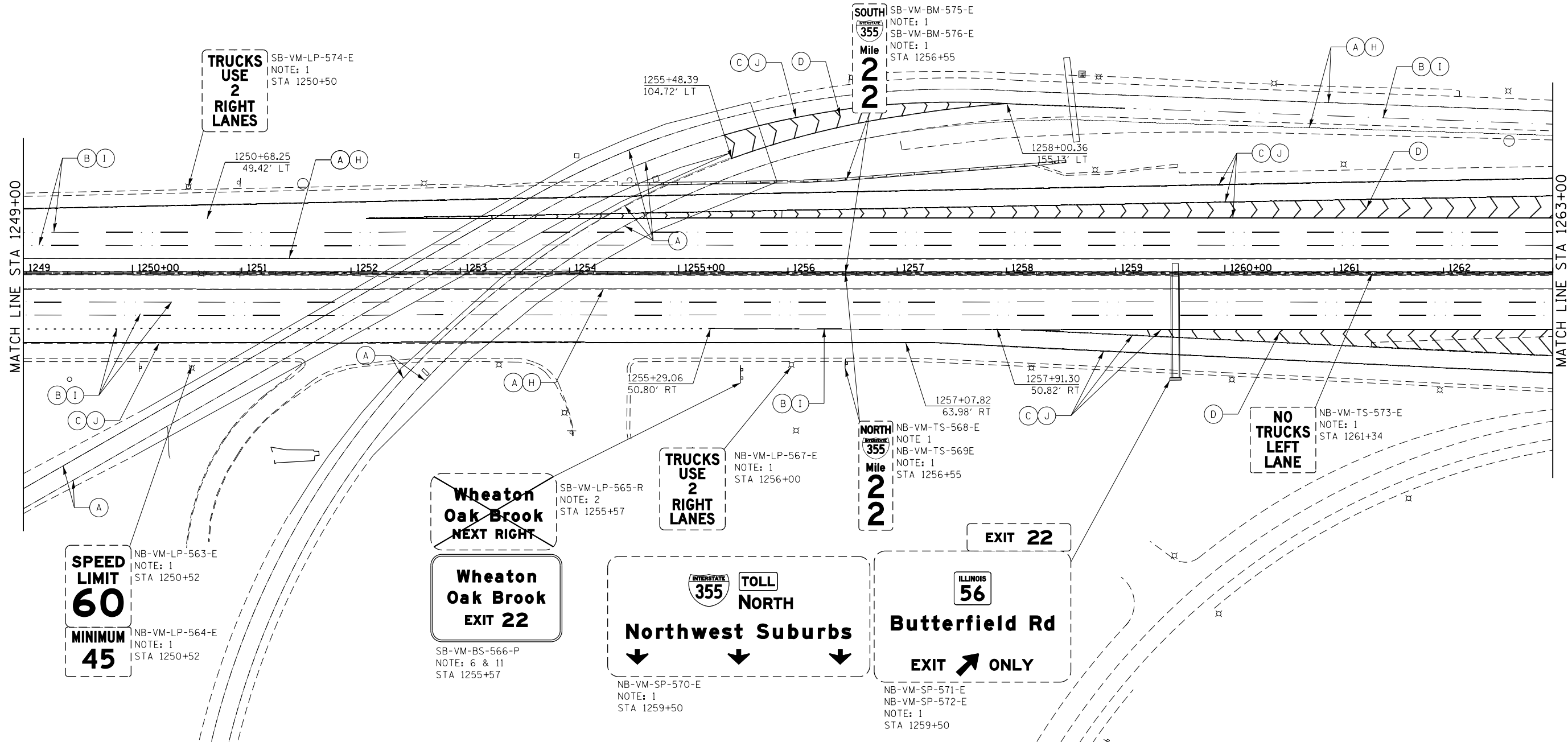
DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 PAVEMENT MARKING & SIGNING PLANS
 STA 1235+00 - STA 1249+00

SHT NO. PMS-60
 DRAWING NO.
 703 OF 1517

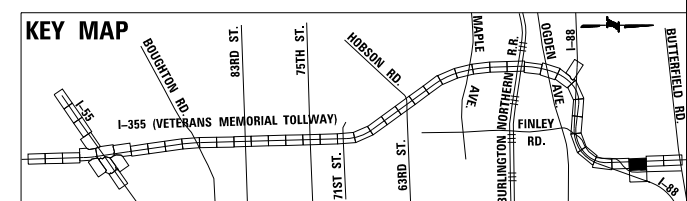
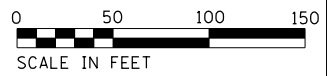


SIGNING NOTES:

1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
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8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
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12. NEW WOOD SIGN SUPPORT
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14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



DRAWN BY **AWH** DATE **3/11/2018**
 CHECKED BY **DWB** DATE **3/11/2018**



REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. **RR-16-4255**
 PAVEMENT MARKING & SIGNING PLANS
 STA 1235+00 - STA 1263+00

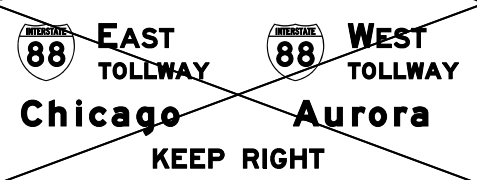
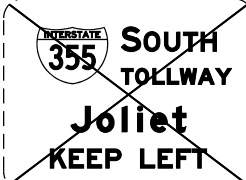
SHT NO. **PMS-61**
 DRAWING NO. **704** OF **1517**

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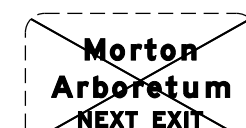
PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
- (D) MULTI-POLYMER PAVEMENT MARKING - LINE 12" (JT780325)
- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
- (G) MULTI-POLYMER PAVEMENT MARKING - SYMBOLS (LARGE) (JT780355)
- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
- (I) GROOVING FOR RECESSED PAVEMENT MARKING LINES 7" GROOVE (JT780JC1)
- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)

SB-VM-SP-592-R
NOTE: 10
STA 1268+00



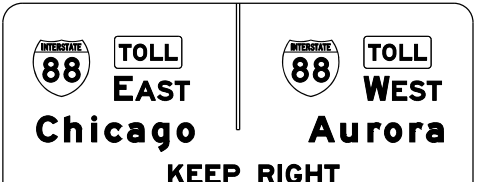
SB-VM-SP-605-RL
NOTE: 14
RELOCATE TO NEW SIGN
SB-VM-SP-593-R
NOTE: 10
STA 1268+00



SB-VM-WP-595-R
NOTE: 2
STA 1273+68



SB-VM-SP-597-P
NOTE: 7
STA 1268+00

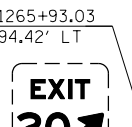


SB-VM-SP-594-P
NOTE: 7
STA 1268+00



SB-VM-BS-596-P
NOTE: 6 & 11
STA 1273+68

SB-VM-TS-590-E
NOTE: 1
STA 1265+65



SB-VM-WP-591-E
NOTE: 1
STA 1267+10



1268+55.30
93.15' LT



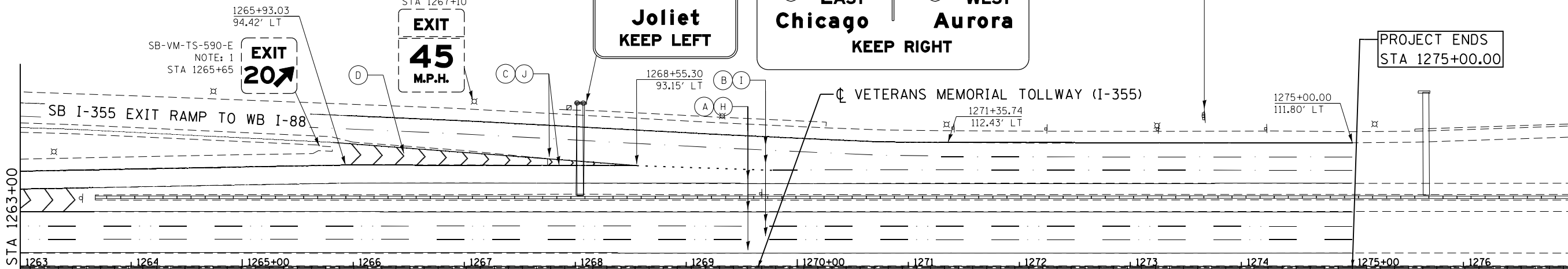
1271+35.74
112.43' LT



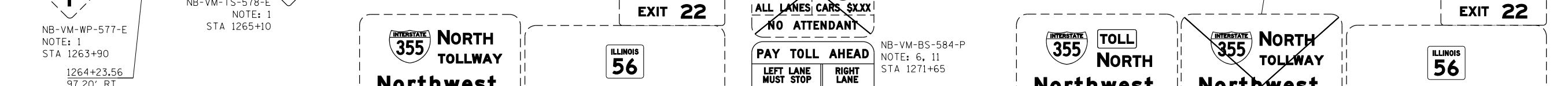
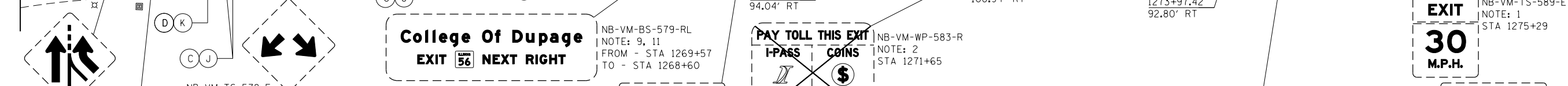
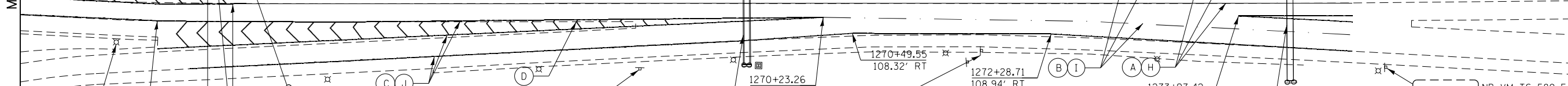
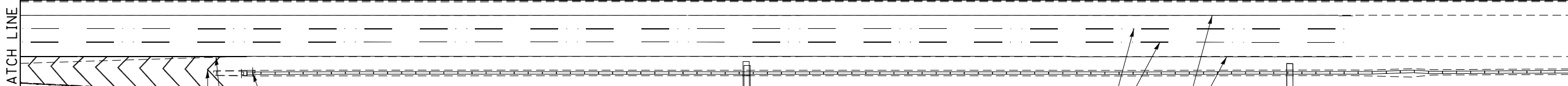
1275+00.00
111.80' LT



PROJECT ENDS
STA 1275+00.00



MATCH LINE STA 1263+00

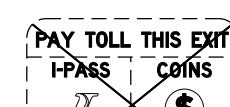


SIGNING NOTES:

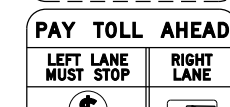
1. EXISTING SIGN TO REMAIN.
2. REMOVE EXISTING SIGN PANEL AND SUPPORT.
3. ADJUST STUB POST HEIGHT
4. INSTALL NEW SIGN AND SUPPORT ON NOISE WALL.
5. INSTALL NEW SIGN AND SUPPORT ON BARRIER WALL STAND.
6. INSTALL NEW GROUND MOUNTED SIGN ON NEW SUPPORT.
7. INSTALL NEW SIGN ON EXISTING SIGN TRUSS.
8. INSTALL NEW SIGN ON LIGHT POLE
9. REMOVE AND RELOCATE EXISTING SIGN (INCLUDES REMOVAL OF SUPPORTS).
10. REMOVE SIGN FROM EXISTING SIGN TRUSS.
11. NEW STRUCTURAL STEEL SIGN SUPPORT
12. NEW WOOD SIGN SUPPORT
13. NEW TELESCOPING STEEL SIGN SUPPORT
14. REMOVE AND RELOCATE EXISTING SIGN
15. REMOVE SIGN FROM EXISTING SUPPORT
16. INSTALL NEW SIGN ON EXISTING SUPPORT



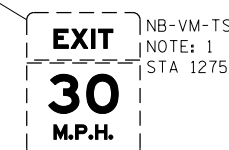
NB-VM-BS-579-RL
NOTE: 9, 11
FROM - STA 1269+57
TO - STA 1268+60



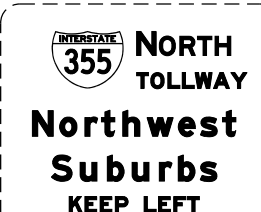
NB-VM-WP-583-R
NOTE: 2
STA 1271+65



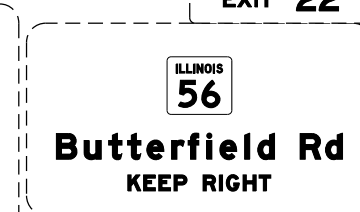
NB-VM-BS-584-P
NOTE: 6, 11
STA 1271+65



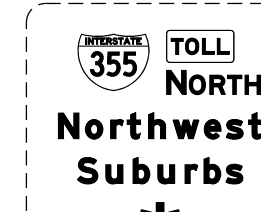
NB-VM-TS-589-E
NOTE: 1
STA 1275+29



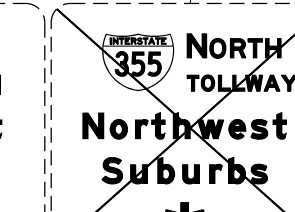
NB-VM-SP-580-E
NOTE: 11
STA 1269+50



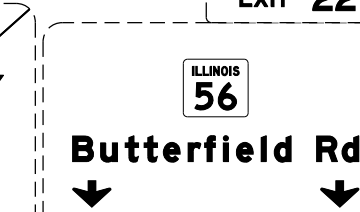
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NOTE: 1
NB-VM-SP-582-E
NOTE: 1
STA 1269+50



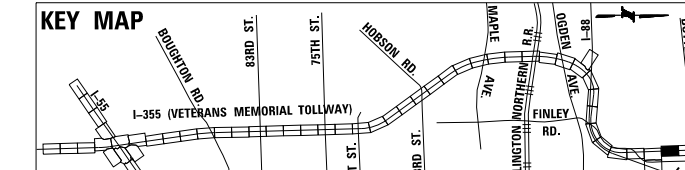
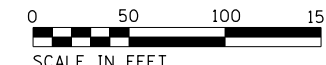
NB-VM-SP-585-R
NOTE: 10
STA 1274+45



NB-VM-SP-586-P
NOTE: 7
STA 1274+45



NB-VM-SP-587-E
NB-VM-SP-588-E
NOTE: 1
STA 1274+45



DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

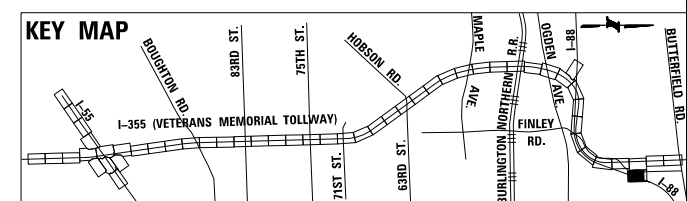
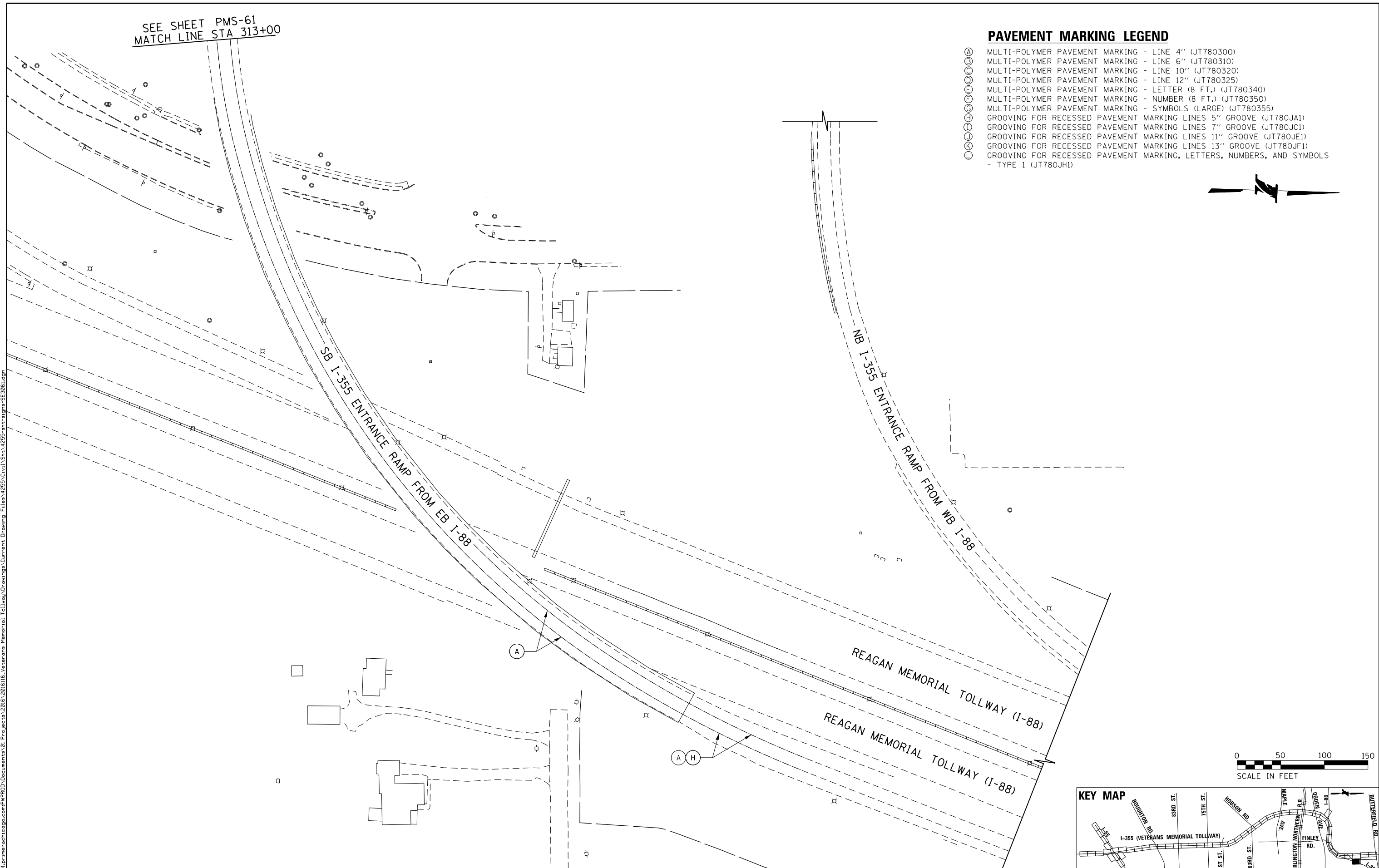
REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
PAVEMENT MARKING & SIGNING PLANS
STA 1263+00 - STA 1275+00
SHT NO. PMS-62
DRAWING NO. 705 OF 1517

SEE SHEET PMS-61
MATCH LINE STA 313+00

PAVEMENT MARKING LEGEND

- (A) MULTI-POLYMER PAVEMENT MARKING - LINE 4" (JT780300)
- (B) MULTI-POLYMER PAVEMENT MARKING - LINE 6" (JT780310)
- (C) MULTI-POLYMER PAVEMENT MARKING - LINE 10" (JT780320)
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- (E) MULTI-POLYMER PAVEMENT MARKING - LETTER (8 FT.) (JT780340)
- (F) MULTI-POLYMER PAVEMENT MARKING - NUMBER (8 FT.) (JT780350)
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- (H) GROOVING FOR RECESSED PAVEMENT MARKING LINES 5" GROOVE (JT780JA1)
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- (J) GROOVING FOR RECESSED PAVEMENT MARKING LINES 11" GROOVE (JT780JE1)
- (K) GROOVING FOR RECESSED PAVEMENT MARKING LINES 13" GROOVE (JT780JF1)
- (L) GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS, NUMBERS, AND SYMBOLS - TYPE 1 (JT780JH1)



DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018



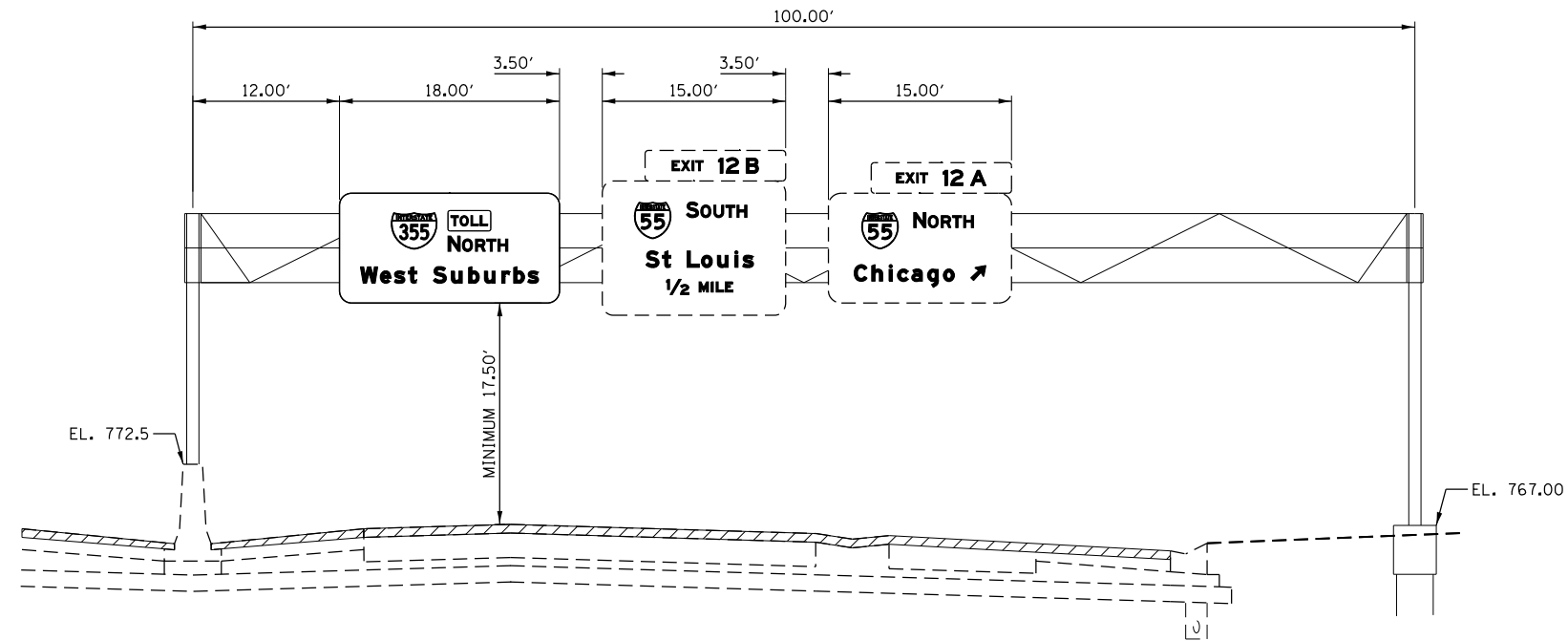
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
PAVEMENT MARKING & SIGNING PLANS
I-355 ENTRANCE RAMP FROM I-88

SHT PMS-63
DRAWING NO. 706 OF 1517

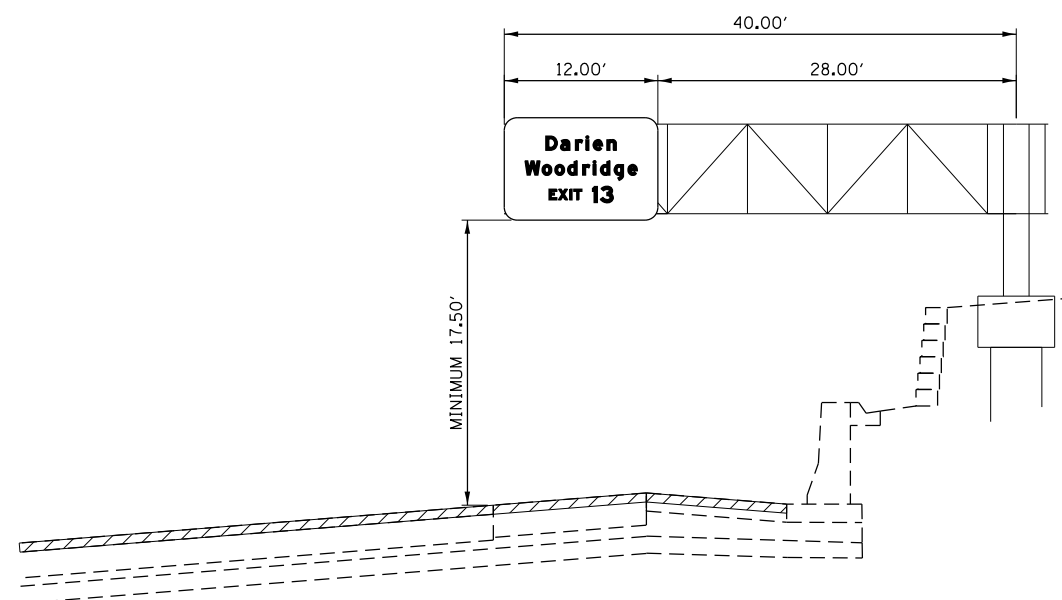
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**I-355 NB OVERHEAD SIGN TRUSS STA 733+40 RT
(PROPOSED PANEL ON EXISTING STRUCTURE)**

LOOKING NORTH
NOT TO SCALE

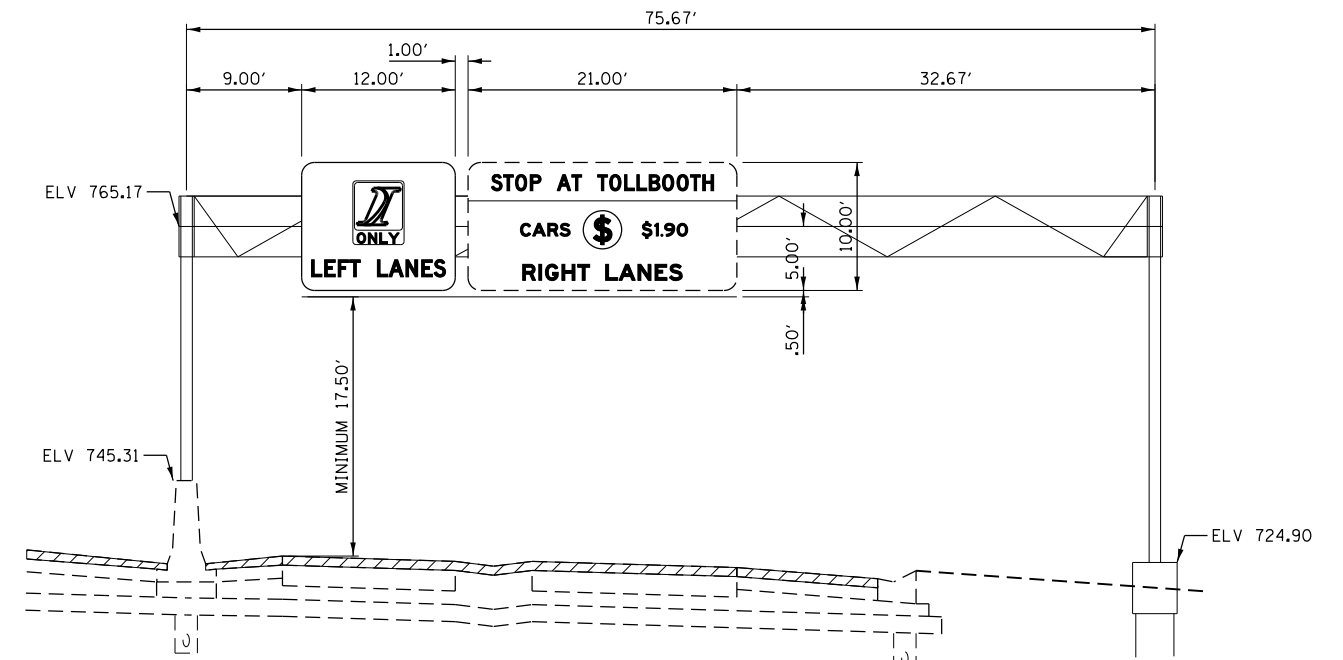
THE CLEARANCE IS SHOWN FOR INFORMATION ONLY.
THE CONTRACTOR SHALL VERIFY THAT THE REQUIRED
MINIMUM CLEARANCE OF 17'-6" FOR NEW SIGN PANEL
INSTALLATION ON EXISTING OVERHEAD STRUCTURES
CAN BE MET



**I-355 NB CANTILEVER SIGN TRUSS STA 948+44 LT
(PROPOSED PANEL ON EXISTING STRUCTURE)**

LOOKING SOUTH
NOT TO SCALE

THE CLEARANCE IS SHOWN FOR INFORMATION ONLY.
THE CONTRACTOR SHALL VERIFY THAT THE REQUIRED
MINIMUM CLEARANCE OF 17'-6" FOR NEW SIGN PANEL
INSTALLATION ON EXISTING OVERHEAD STRUCTURES
CAN BE MET



**I-355 NB OVERHEAD SIGN TRUSS STA STA 837+96 RT
(PROPOSED PANEL ON EXISTING STRUCTURE)**

LOOKING NORTH
NOT TO SCALE

THE CLEARANCE IS SHOWN FOR INFORMATION ONLY.
THE CONTRACTOR SHALL VERIFY THAT THE REQUIRED
MINIMUM CLEARANCE OF 17'-6" FOR NEW SIGN PANEL
INSTALLATION ON EXISTING OVERHEAD STRUCTURES
CAN BE MET

DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018

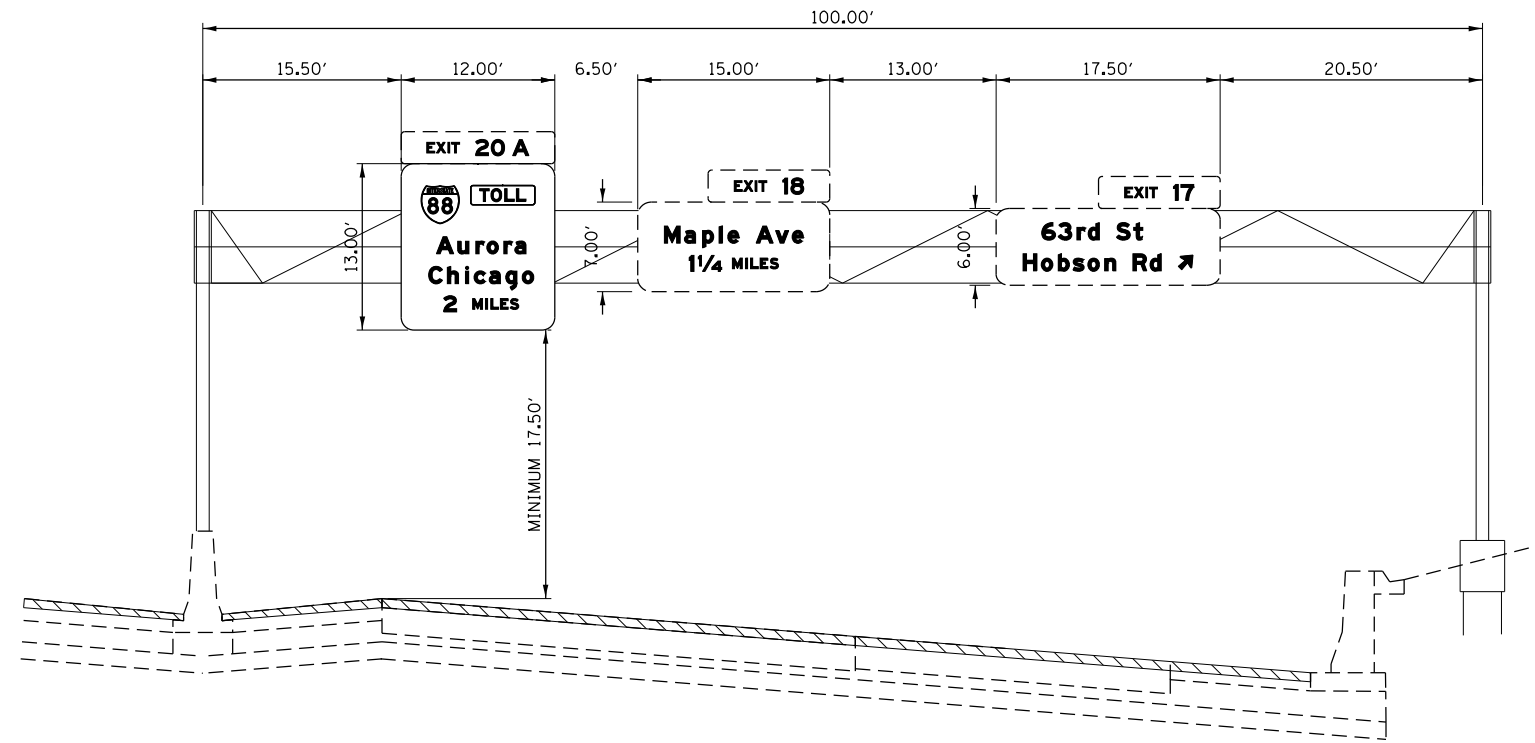
SE3
3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
(630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		DESCRIPTION
NO.	DATE	

CONTRACT NO. RR-16-4255

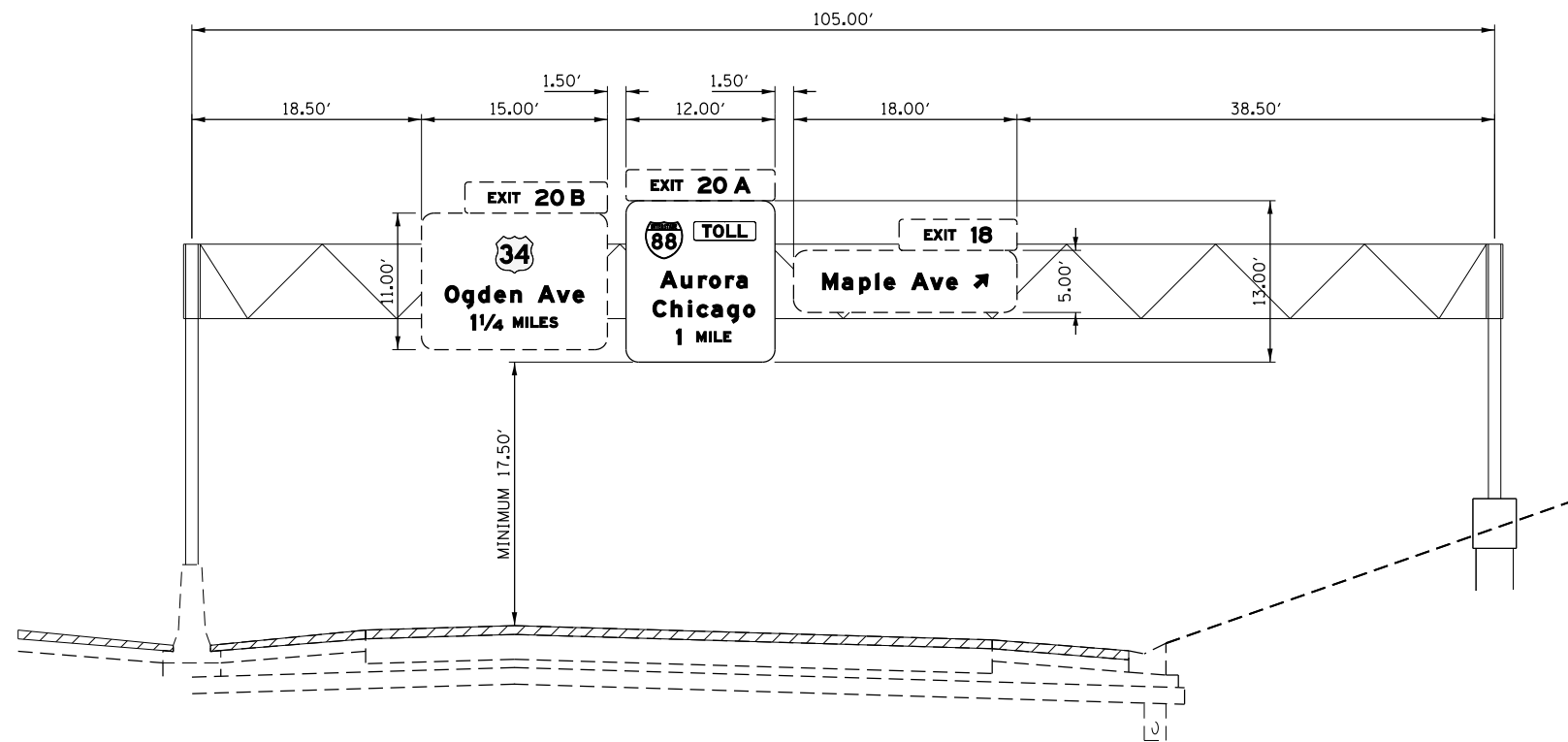
SHT NO. PMS-64
DRAWING NO.
707 OF 1517



**I-355 NB OVERHEAD SIGN TRUSS STA 988+45 RT
(PROPOSED PANEL ON EXISTING STRUCTURE)**

LOOKING NORTH
NOT TO SCALE

THE CLEARANCE IS SHOWN FOR INFORMATION ONLY.
THE CONTRACTOR SHALL VERIFY THAT THE REQUIRED
MINIMUM CLEARANCE OF 17'-6" FOR NEW SIGN PANEL
INSTALLATION ON EXISTING OVERHEAD STRUCTURES
CAN BE MET



**I-355 NB OVERHEAD SIGN TRUSS STA 1045+64 RT
(PROPOSED PANEL ON EXISTING STRUCTURE)**

LOOKING NORTH
NOT TO SCALE

THE CLEARANCE IS SHOWN FOR INFORMATION ONLY.
THE CONTRACTOR SHALL VERIFY THAT THE REQUIRED
MINIMUM CLEARANCE OF 17'-6" FOR NEW SIGN PANEL
INSTALLATION ON EXISTING OVERHEAD STRUCTURES
CAN BE MET

DRAWN BY **AWH** DATE **3/11/2018**
CHECKED BY **DWB** DATE **3/11/2018**

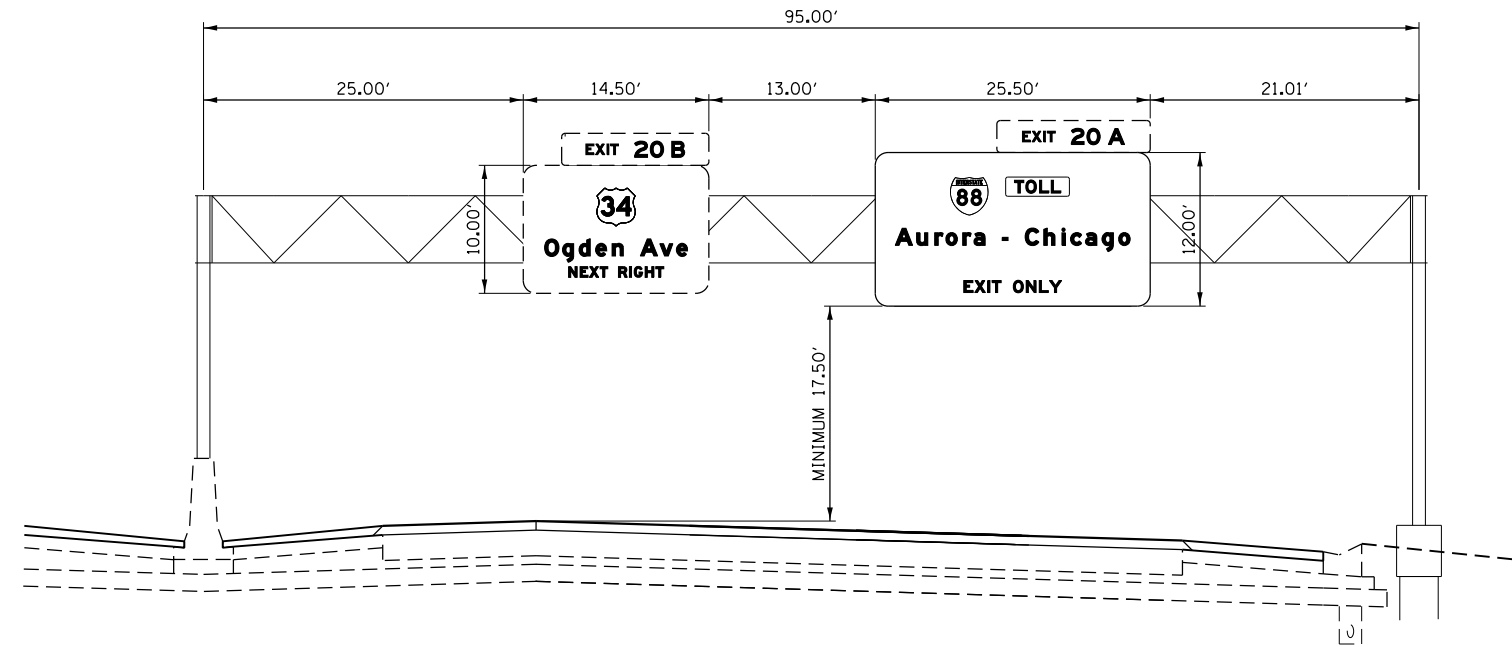


NO.		DATE	REVISIONS	DESCRIPTION

CONTRACT NO. RR-16-4255

SHT NO. PMS-65
DRAWING NO.
708 OF 1517

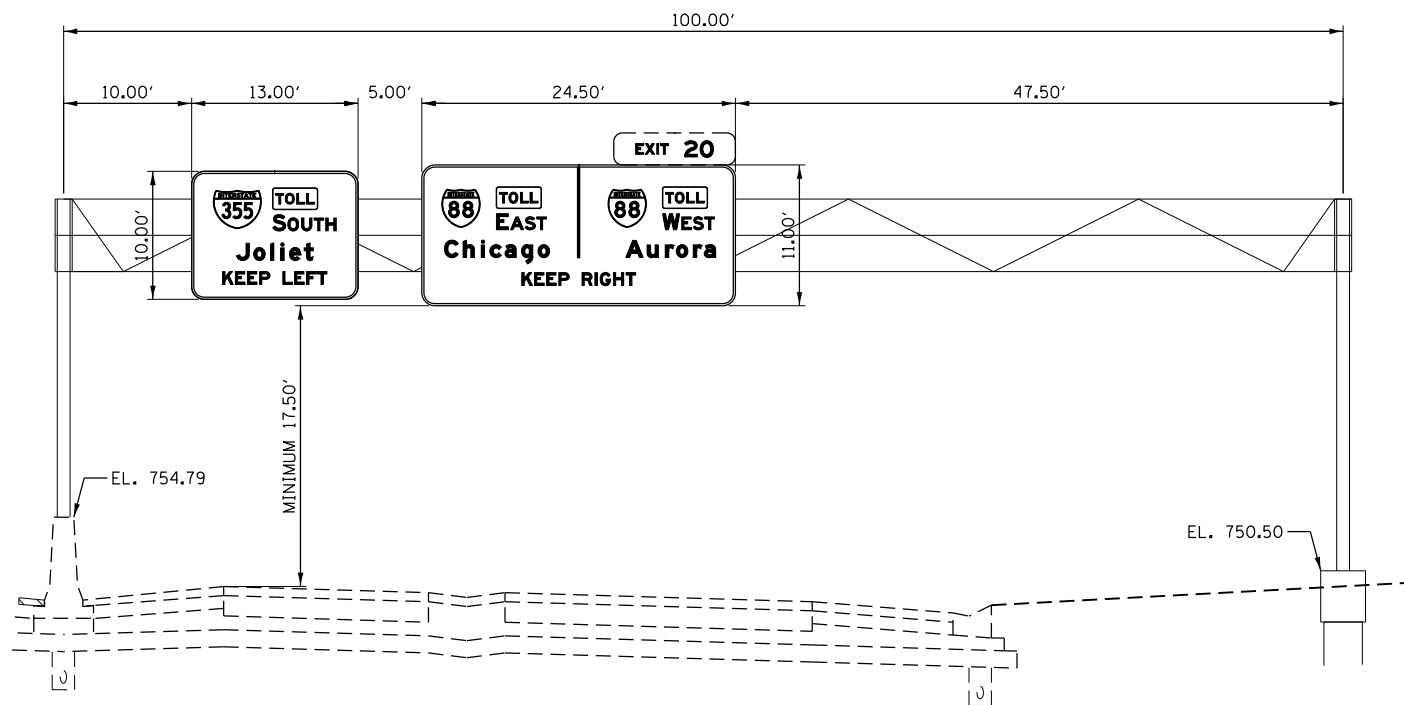
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**I-355 NB OVERHEAD SIGN TRUSS STA 1103+60 RT
(PROPOSED PANEL ON EXISTING STRUCTURE)**

LOOKING SOUTH
NOT TO SCALE

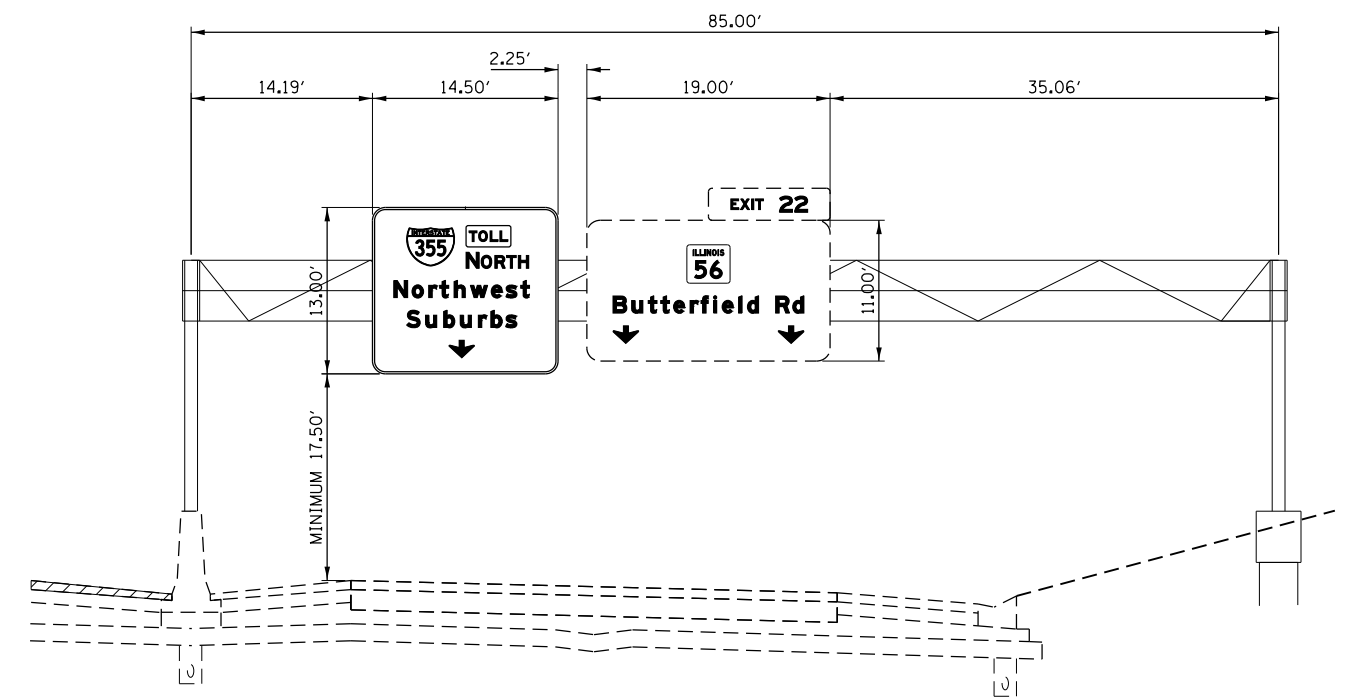
THE CLEARANCE IS SHOWN FOR INFORMATION ONLY.
THE CONTRACTOR SHALL VERIFY THAT THE REQUIRED
MINIMUM CLEARANCE OF 17'-6" FOR NEW SIGN PANEL
INSTALLATION ON EXISTING OVERHEAD STRUCTURES
CAN BE MET



**I-355 SB CD ROAD OVERHEAD SIGN TRUSS STA 1268+00 LT
(PROPOSED PANEL ON EXISTING STRUCTURE)**

LOOKING SOUTH
NOT TO SCALE

THE CLEARANCE IS SHOWN
FOR INFORMATION ONLY.
THE CONTRACTOR SHALL
VERIFY THAT THE REQUIRED
MINIMUM CLEARANCE OF 17'-6"
FOR NEW SIGN PANEL INSTALLATION
ON EXISTING OVERHEAD STRUCTURES
CAN BE MET



**I-355 NB CD ROAD OVERHEAD SIGN TRUSS STA 1274+45 RT
(PROPOSED PANEL ON EXISTING STRUCTURE)**

LOOKING NORTH
NOT TO SCALE

THE CLEARANCE IS SHOWN
FOR INFORMATION ONLY.
THE CONTRACTOR SHALL
VERIFY THAT THE REQUIRED
MINIMUM CLEARANCE OF 17'-6"
FOR NEW SIGN PANEL INSTALLATION
ON EXISTING OVERHEAD STRUCTURES
CAN BE MET

DRAWN BY AWH DATE 3/11/2018
CHECKED BY DWB DATE 3/11/2018

SE3
3041 WOODCREEK DRIVE, SUITE 211 - DOWNERS GROVE, IL 60515
(630) 641-9900

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE,
ILLINOIS 60515

REVISIONS		DESCRIPTION
NO.	DATE	

CONTRACT NO. RR-16-4255

SHT NO. PMS-66
DRAWING NO.
709 OF 1517

ELECTRICAL GENERAL NOTES

1. EXECUTE ELECTRICAL WORK IN ACCORDANCE WITH THE APPLICABLE NATIONAL ELECTRICAL CODE AND CURRENT STATE & LOCAL CODES. COST FOR ANY MODIFICATIONS AND/OR ADDITIONS REQUIRED FOR PROPER COMPLETION OF THE CONTRACT SHALL BE INCLUDED IN THE ORIGINAL BID.
2. PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE ALL ELECTRICAL WORK.
3. ERECT, INSTALL, CONNECT, TEST, AND PLACE IN SERVICE ALL MATERIAL AND EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS.
4. ONLY EXOTHERMIC CONNECTIONS SHALL BE ALLOWED FOR ALL GROUNDING WELDS.
5. TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGING EXISTING INFRASTRUCTURE AND UTILITIES.
6. PROTECT ALL MATERIAL, IN-PROGRESS WORK, AND FINISHED WORK FROM DAMAGE.
7. CONTRACTOR IS SOLELY RESPONSIBLE FOR QUALITY CONTROL OF THE WORK. INSPECTION AND TESTING BY THE ENGINEER OR THE ILLINOIS TOLLWAY'S TESTING AGENCY ARE SOLELY AT THE DISCRETION OF THE ILLINOIS TOLLWAY, AND IN NO WAY RELIEVES THE CONTRACTOR OF RESPONSIBILITY FOR MAINTAINING A QUALITY ASSURANCE PROGRAM.
8. PROVIDE AND INSTALL CLEARLY LEGIBLE IDENTIFICATION MARKINGS ON ALL MAJOR ELECTRICAL EQUIPMENT, DISCONNECT SWITCHES, PANELS, FUSES, CIRCUIT BREAKERS, ETC. WIRES AND CABLES SHALL BE MARKED ON BOTH ENDS. THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS AND A DIRECTORY OF CIRCUITS WHICH CLEARLY SHOW ALL FIELD IDENTIFICATION MARKINGS. AS-BUILTS AND DIRECTORY OF CIRCUITS SHALL BE PROVIDED IN AN EDITABLE, ELECTRONIC FORMAT AS APPROVED BY THE ENGINEER.
9. CONTRACTORS SHALL PROVIDE ALL NECESSARY SUPERVISION, PLANNING, SCHEDULING, COORDINATION, INSPECTION, TESTING, AND CONTROL TO PERFORM THE WORK.
10. CONTRACTOR SHALL KEEP WORK AREAS FREE FROM ACCUMULATIONS OF WASTE OR DEBRIS. NO RUBBISH SHALL REMAIN FROM CONTRACTOR OPERATIONS.
11. REMOVE ALL CONSTRUCTION-RELATED DEBRIS FROM AREAS OUTSIDE THE LIMITS OF THE CONTRACTOR'S WORK AREA ON A DAILY BASIS.
12. THE CONTRACTOR SHALL COORDINATE ALL CABLE TERMINATIONS WITH THE ENGINEER, WHO WILL DIRECT THE FINAL TERMINATION OF ALL CABLES.
13. THE CONTRACTOR SHALL VERIFY ALL DATA AS SHOWN ON THE CONTRACT DRAWINGS, WHICH MAY AFFECT HIS WORK UNDER THIS CONTRACT.
14. ALL ELECTRICAL MATERIAL SHALL BE NEW AND OF THE TYPE AND KINDS APPROVED FOR THEIR INTENDED USE BY THE FOLLOWING ORGANIZATIONS:
 NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)
 AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO)
 ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT)
 UNDERWRITERS LABORATORY (UL)
 AMERICAN NATIONAL STANDARD INSTITUTE (ANSI)
 INSULATED CABLE ENGINEERS ASSOCIATION (ICEA)
 NATIONAL ELECTRIC CODE (NFPA 70)
 NATIONAL ELECTRICAL SAFETY CODE (NEC-ANSIC2)
 OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
15. PRIOR TO INSTALLATION OF CONDUIT, HANDHOLES, OR POLE FOUNDATIONS THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING CONDUITS, CABLES AND UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CALL J.U.L.I.E. AND THE ILLINOIS TOLLWAY FOR UTILITY LOCATIONS. PROPOSED INFRASTRUCTURE SHALL BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH EXISTING INFRASTRUCTURE, UTILITIES, AND ROADSIDE MAINTENANCE ACTIVITIES.
16. ALL NEW CONDUIT AND HANDHOLES ON THE PLANS ARE SHOWN DIAGRAMMATICALLY. THE HANDHOLES, CAMERA POLES, AND SELECT APPURTENANCES ARE SHOWN ON DRAWING WITH SUGGESTED STATIONS AND OFFSET. THE ACTUAL LOCATION IN THE FIELD SHALL BE APPROVED BY THE ENGINEER.
17. ALL PITS USED FOR DIRECTIONALLY BORED CONDUIT UNDER EXISTING ROADWAYS SHALL BE LOCATED FIVE (5) FEET MINIMUM CLEARANCE FROM THE SHOULDER. LOCATIONS OF THE CONDUIT CROSSINGS ARE APPROXIMATE AND MAY BE SHIFTED AS NECESSARY TO MEET THE MINIMUM CLEARANCE REQUIREMENT. THE BORE PITS SHALL BE ADEQUATELY GUARDED TO PROTECT THE MOTORING PUBLIC. THE CONTRACTOR SHALL SUBMIT PLANS FOR THE LOCATION AND SIZE OF THE PITS AND MAINTENANCE AND PROTECTION OF TRAFFIC AT EACH SITE FOR THE APPROVAL OF THE ENGINEER BEFORE EXCAVATING FOR ANY PITS.

ELECTRICAL GENERAL NOTES (CONT.)

18. ALL CONDUIT CASINGS INSTALLED BENEATH EXISTING ROADWAY SHALL TERMINATE IN A HANDHOLE.
19. POWER AND COMMUNICATIONS CABLE SHALL BE INSTALLED IN SEPARATE CONDUIT AND HANDHOLE SYSTEMS; HANDHOLE COVERS MUST BE CLEARLY LABELED "ELECTRIC" OR "COMMUNICATIONS". POWER AND COMMUNICATIONS CONDUITS MAY SHARE A COMMON TRENCH.
20. ANY AND ALL NEW OR EXISTING IMPROVEMENTS, SUCH AS ASPHALT OR CONCRETE PAVEMENTS, CURBS GUTTERS, WALKS, DRAINAGE, SODS, ETC., IF DAMAGED, SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION AS SOON AS PRACTICALLY POSSIBLE. TEMPORARY REPAIRS MAY BE REQUIRED BY THE ENGINEER FOR SAFETY CONCERNS.
21. PROVIDE A MINIMUM OF 12" VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS.
22. ALL EXPOSED CONDUITS AND FITTINGS SHALL BE PVC COATED GALVANIZED STEEL UNLESS CALLED OUT DIFFERENTLY ON THE PLANS.
23. ALL EQUIPMENT AND CONDUIT SUPPORT SYSTEMS SHALL BE HOT-DIPPED, GALVANIZED STEEL UNLESS OTHERWISE NOTED. THIS INCLUDES, BUT IS NOT LIMITED TO: CHANNELS, NUTS, BOLTS, U-BOLTS, WASHERS, SCREWS, FLANGES, CLAMPS, NIPPLES, AND BUSHINGS.
24. INSTALL A SEPARATE EQUIPMENT GROUNDING CONDUCTOR IN ALL POWER CONDUITS AND WITH ALL CIRCUITS. SECURELY BOND ALL METALLIC CABINETS, ENCLOSURES, RACEWAYS, CONDUITS, AND OTHER METAL COMPONENTS ON SITE TO GROUND.
25. CONTRACTOR SHALL NOTIFY THE ILLINOIS TOLLWAY'S FIBER OPTIC MAINTENANCE CONTRACTOR 72 HOURS IN ADVANCE OF ANY WORK RELATED TO CONDUIT OR CABLE INSTALLATION INTO A FIBER OPTIC BACKBONE HANDHOLE. THE FIBER OPTIC MAINTENANCE CONTRACTOR SHALL OBSERVE ALL WORK IN A FIBER OPTIC BACKBONE HANDHOLE.
26. NEW CONDUITS INSTALLED IN ILLINOIS TOLLWAY FIBER OPTIC BACKBONE HANDHOLES SHALL ENTER THROUGH THE OPEN BOTTOM. DRILLING INTO THE SIDES OF BACKBONE HANDHOLES IS NOT ALLOWED.
27. CONTRACTOR SHALL PROVIDE MARKER POST WITH FIBER COUNTS AT HANDHOLES WHERE FIBER CABLES WILL BE SPLICED AND AT 500' ALONG THE DUCT RUN.
28. CONTRACTOR WILL PLACE A LOCATE/WARNING POST AT EACH HANDHOLE. EACH POST WILL BE CONNECTED TO THE FIBER CONDUITS LOCATE WIRE AND GROUND ROD INSTALLED IN THE HANDHOLE. EACH LOCATE WIRE SHALL BE LABELED WITH THE DIRECTION THE FIBER IS GOING, THE TYPE OF FIBER, THE FIBER COUNT, AND LOCATION OF THE OTHER END OF THAT LOCATE WIRE.

ILLINOIS TOLLWAY STANDARD DRAWINGS

- H4-04 - HEAVY-DUTY HANDHOLES AND BURIED WIRING DETAILS
- L1-00 - FIBER OPTIC DETAILS
- L2-00 - FIBER OPTIC SPLICING DETAILS

ITS ABBREVIATIONS AND ACRONYMS

NOTATION	DESCRIPTION
ATS	ATTACHED TO STRUCTURE
CAT-6	CATEGORY 6
CCTV	CLOSED CIRCUIT TELEVISION
CHH	COMMUNICATIONS HANDHOLE
CNC	COILABLE NONMETALLIC CONDUIT
COMM	COMMUNICATIONS
CU	COPPER
ECC	ELECTRICAL CABLE IN CONDUIT
EHH	ELECTRICAL HANDHOLE
ELEC	ELECTRICAL
EOP	EDGE OF PAVEMENT
EOS	EDGE OF SHOULDER
EOTW	EDGE OF TRAVEL WAY
EX, (E)	EXISTING
FO	FIBER OPTIC
FOC	FIBER OPTIC CABLE
GRN	GROUND
GSC	GALVANIZED STEEL CONDUIT (RIGID)
HD	HIGH DEFINITION
HDHH	HEAVY-DUTY HANDHOLE
HH	HANDHOLE
(I)	INSTALL
IP	INTERNET PROTOCOL
ITS	INTELLIGENT TRANSPORTATION SYSTEMS
MM	MULTIMODE
MOT	MAINTENANCE OF TRAFFIC
M.P.	MILE POST
MVDS	MICROWAVE VEHICLE DETECTION SYSTEM
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
PGSC	PVC COATED GALVANIZED STEEL CONDUIT (RIGID)
(R)	REMOVE
R.O.W.	RIGHT-OF-WAY
SFP	SMALL FORM-FACTOR PLUGGABLE (FIBER OPTIC TRANSCEIVER)
SM	SINGLE MODE
S.P.	SPECIAL PROVISION
STA	STATION
TEMP	TEMPORARY

SITE PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		ITS ENCLOSURE
		COMMUNICATIONS HANDHOLE
		HEAVY-DUTY HANDHOLE (ELECTRICAL)
—FO—	—FO—	FIBER OPTIC CABLE IN CONDUIT
—E—	—E—	ELECTRICAL CABLE IN CONDUIT
		CCTV CAMERA, ITS ASSEMBLY
		CCTV CAMERA POLE
		DISCONNECT SWITCH
		MICROWAVE VEHICLE DETECTORS
		BASE-MOUNTED CABINET
		UTILITY SERVICE METER
		POWER SERVICE TRANSFORMER
		LIGHTING CONTROLLER CABINET

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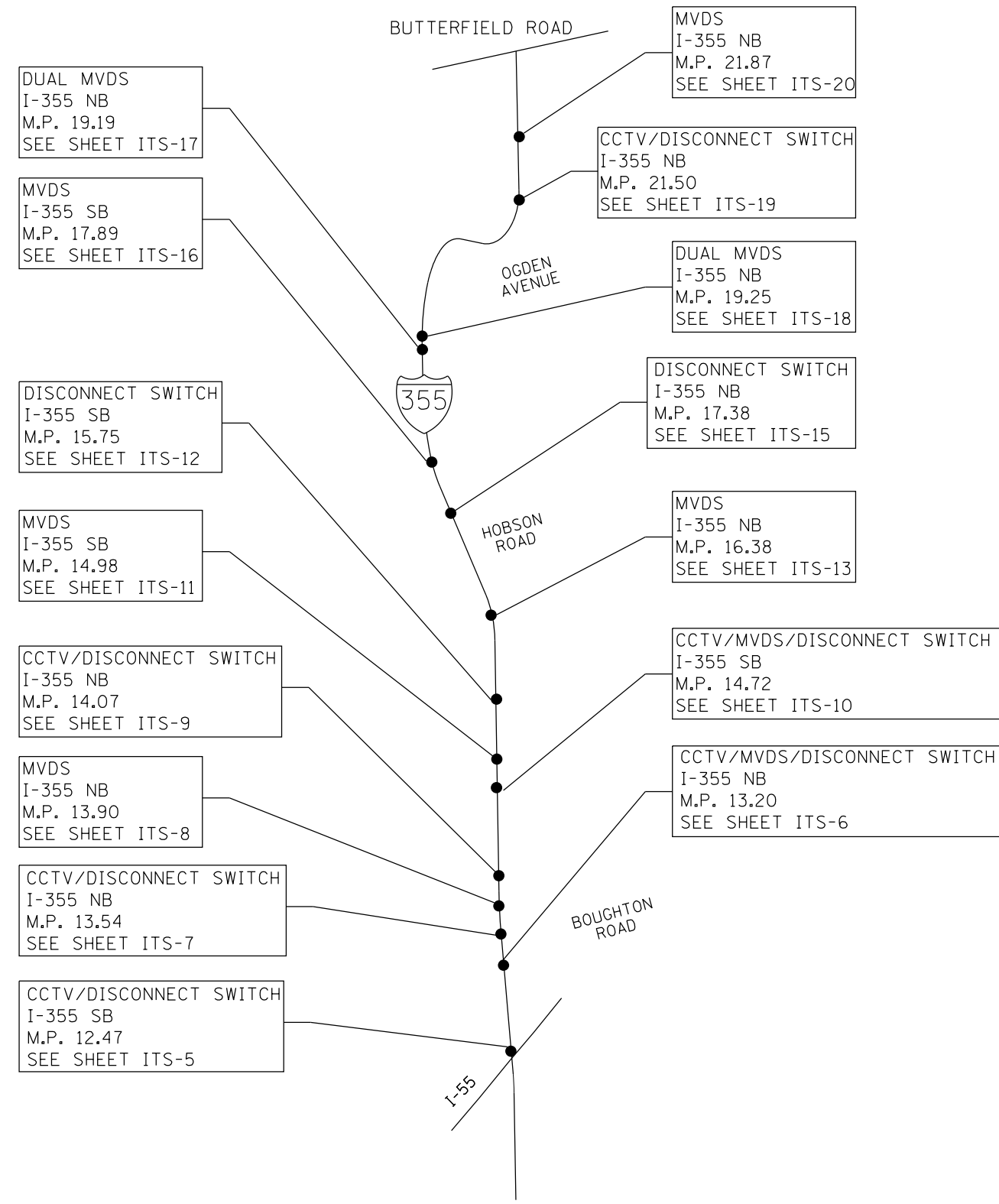
JWI
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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE,
 ILLINOIS 60515

REVISIONS	
NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 ITS GENERAL NOTES, ABBREVIATIONS,
 AND LEGEND

ITS-01
 DRAWING NO.
 710 OF 1517



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REVISIONS		DESCRIPTION
NO.	DATE	

CONTRACT NO. RR-16-4255
 ITS LOCATION MAP

ITS-02
 DRAWING NO.
 711 OF 1517

SCHEDULE OF REMOVALS

ROUTE	M.P.	DIRECTION	DEVICE DESIGNATION	DEVICE TYPE	LATITUDE	LONGITUDE	STATION	OFFSET	MOUNTING TYPE	PLAN SHEET	NOTES
I-355	12.50	SB	355S012.5CAM89D31	CCTV	41°42'19.32"N	88°01'52.72"W	753+22	100' RT	POLE	ITS-05	CAMERA AND POLE TO BE REMOVED
I-355	13.20	NB	355N013.2RTS400	VDS	41°42'56.96"N	88°01'56.82"W	791+33	140' RT	POLE	ITS-06	VDS AND POLE TO BE REMOVED
I-355	13.50	NB	355N013.5CAM89A27	CCTV	41°43'14.97"N	88°02'02.13"W	809+85	2' LT	TRUSS	ITS-07	CAMERA TO BE REMOVED
I-355	13.90	NB	355N013.9RTS423	VDS	41°43'14.95"N	88°02'02.12"W	827+64	90' RT	TRUSS	ITS-08	VDS AND BATTERIES TO BE REMOVED; EXISTING POLE TO REMAIN
I-355	14.00	NB	355N014.0CAM89A25	CCTV	41°43'42.55"N	88°02'03.61"W	837+93	60' RT	TRUSS	ITS-09	CAMERA TO BE REMOVED; TRUSS TO REMAIN
I-355	14.70	SB	355S014.7CAM89A26	CCTV	41°44'17.10"N	88°02'07.00"W	873+02	110' LT	TRUSS	ITS-10	CAMERA TO BE REMOVED; TRUSS TO REMAIN
I-355	14.98	SB	355S014.9RTS420	VDS	41°44'29.94"N	88°02'07.46"W	885+96	110' LT	POLE	ITS-11	VDS AND POLE TO BE REMOVED
I-355	16.38	NB	355N016.3RTS440	VDS	41°45'42.76"N	88°02'09.67"W	959+58	104' RT	POLE	ITS-13	VDS AND BATTERIES TO BE REMOVED; POLE TO REMAIN
I-355	17.89	SB	355S017.8RTS460	VDS	41°46'46.96"N	88°03'11.87"W	1039+63	107' LT	POLE	ITS-15	VDS AND BATTERIES TO BE REMOVED; POLE TO REMAIN
I-355	19.25	NB	355N019.2RTS480	VDS	41°47'57.05"N	88°03'23.63"W	1111+73	88' RT	POLE	ITS-17	VDS AND POLE TO BE REMOVED
			355N019.2RTS481	VDS							
I-355	21.50	NB	355N021.5CAM134D213	CCTV	41°48'59.50"N	88°01'39.44"W	1230+17	127' RT	POLE	ITS-18	CAMERA TO BE REMOVED; POLE TO REMAIN
I-355	21.87	NB	355N021.8RTS520	VDS	41°49'18.59"N	88°01'40.72"W	1249+39	90' RT	POLE	ITS-19	VDS AND BATTERIES TO BE REMOVED; POLE TO REMAIN

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REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255A
 ITS SCHEDULE OF REMOVALS

ITS-03
 DRAWING NO.
 712 OF 1517

SCHEDULE OF INSTALLATIONS

ROUTE	M.P.	DIRECTION	DEVICE DESIGNATION	DEVICE TYPE	LATITUDE	LONGITUDE	STATION	OFFSET	MOUNTING TYPE	PLAN SHEET	NOTES
I-355	12.40	SB	355S012.4CAM89.31	CCTV	41°42'19.32"N	88°01'52.72"W	750+92	75' LT	POLE	ITS-05	CAMERA TO BE INSTALLED ON NEW POLE; DISCONNECT SWITCH TO BE INSTALLED
I-355	13.20	NB	355N013.2VDS400	CCTV	41°42'56.96"N	88°01'56.82"W	791+24	118' RT	POLE	ITS-06	CAMERA AND VDS TO BE INSTALLED ON NEW POLE. VDS TO BE INSTALLED AT MOUNTING HEIGHT PER MANUFACTURER'S RECOMMENDATIONS. DISCONNECT SWITCH TO BE INSTALLED
			355N013.2CAM89.29	VDS							
I-355	13.50	NB	355N013.5CAM89.27	CCTV	41°43'14.97"N	88°02'02.13"W	809+85	2' LT	TRUSS	ITS-07	CAMERA TO BE INSTALLED ON EXISTING TRUSS; DISCONNECT SWITCH TO BE INSTALLED
I-355	13.90	NB	355N013.9VDS423	VDS	41°43'32.46"N	88°02'02.87"W	827+64	90' RT	POLE	ITS-08	VDS TO BE INSTALLED ON EXISTING POLE AT MOUNTING HEIGHT PER MANUFACTURER'S RECOMMENDATIONS; NEW BATTERIES TO BE INSTALLED
I-355	14.00	NB	355N014.0CAM89.25	CCTV	41°43'42.55"N	88°02'03.61"W	837+93	65' RT	TRUSS	ITS-09	CAMERA TO BE INSTALLED ON EXISTING TRUSS; DISCONNECT SWITCH TO BE INSTALLED
I-355	14.70	SB	355S014.0CAM89.26	CCTV	41°44'17.10"N	88°02'07.00"W	872+07	125' LT	POLE	ITS-10	CAMERA AND VDS TO BE INSTALLED ON NEW POLE.
			355S014.0VDS427	VDS							
I-355	15.80	SB	355S015.8CAM87.24	CCTV	41°45'10.15"N	88°02'08.71"W	926+68	109' LT	POLE	ITS-12	DISCONNECT SWITCH TO BE INSTALLED
I-355	16.38	NB	355N016.3VDS440	VDS	41°45'42.76"N	88°02'09.67"W	959+58	104' RT	POLE	ITS-13	VDS TO BE INSTALLED ON EXISTING POLE AT MOUNTING HEIGHT PER MANUFACTURER'S RECOMMENDATIONS; BATTERIES TO BE INSTALLED
I-355	17.40	SB	355S017.4CAM83A211	CCTV	41°46'24.94"N	88°02'50.89"W	1012+13	92' LT	POLE	ITS-14	DISCONNECT SWITCH TO BE INSTALLED
I-355	17.89	SB	355S017.8VDS460	VDS	41°46'46.96"N	88°03'11.87"W	1039+63	105' LT	POLE	ITS-15	VDS TO BE INSTALLED ON EXISTING POLE AT MOUNTING HEIGHT PER MANUFACTURER'S RECOMMENDATIONS; BATTERIES TO BE INSTALLED
I-355	19.20	NB	355N019.2VDS480	VDS	41°47'54.23"N	88°03'23.29"W	1108+23	115' RT	POLE	ITS-16	VDS TO BE INSTALLED ON NEW POLE AT MOUNTING HEIGHT PER MANUFACTURER'S RECOMMENDATIONS; BATTERIES TO BE INSTALLED
			355N019.2VDS481	VDS							
I-355	21.50	NB	355N21.5CAM134.213	CCTV	41°48'59.50"N	88°01'39.44"W	1230+17	127' RT	POLE	ITS-18	CAMERA TO BE INSTALLED ON EXISTING POLE; DISCONNECT SWITCH TO BE INSTALLED
I-355	21.87	NB	355N021.8VDS520	VDS	41°49'18.59"N	88°01'40.72"W	1249+32	90' RT	POLE	ITS-19	VDS TO BE INSTALLED ON EXISTING POLE AT MOUNTING HEIGHT PER MANUFACTURER'S RECOMMENDATIONS; BATTERIES TO BE INSTALLED

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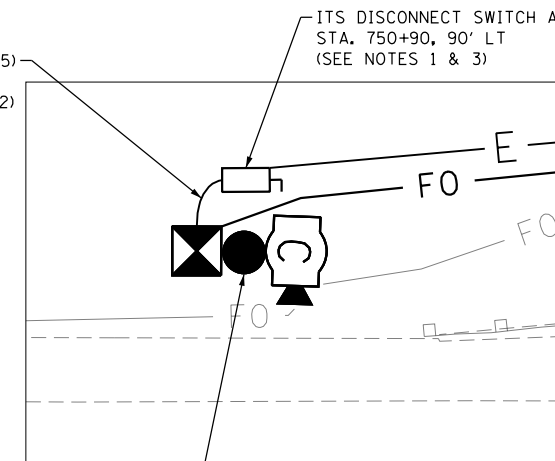
CONTRACT NO. RR-16-4255A
 ITS SCHEDULE OF INSTALLATIONS

ITS-04
 DRAWING NO.
 713 OF 1517

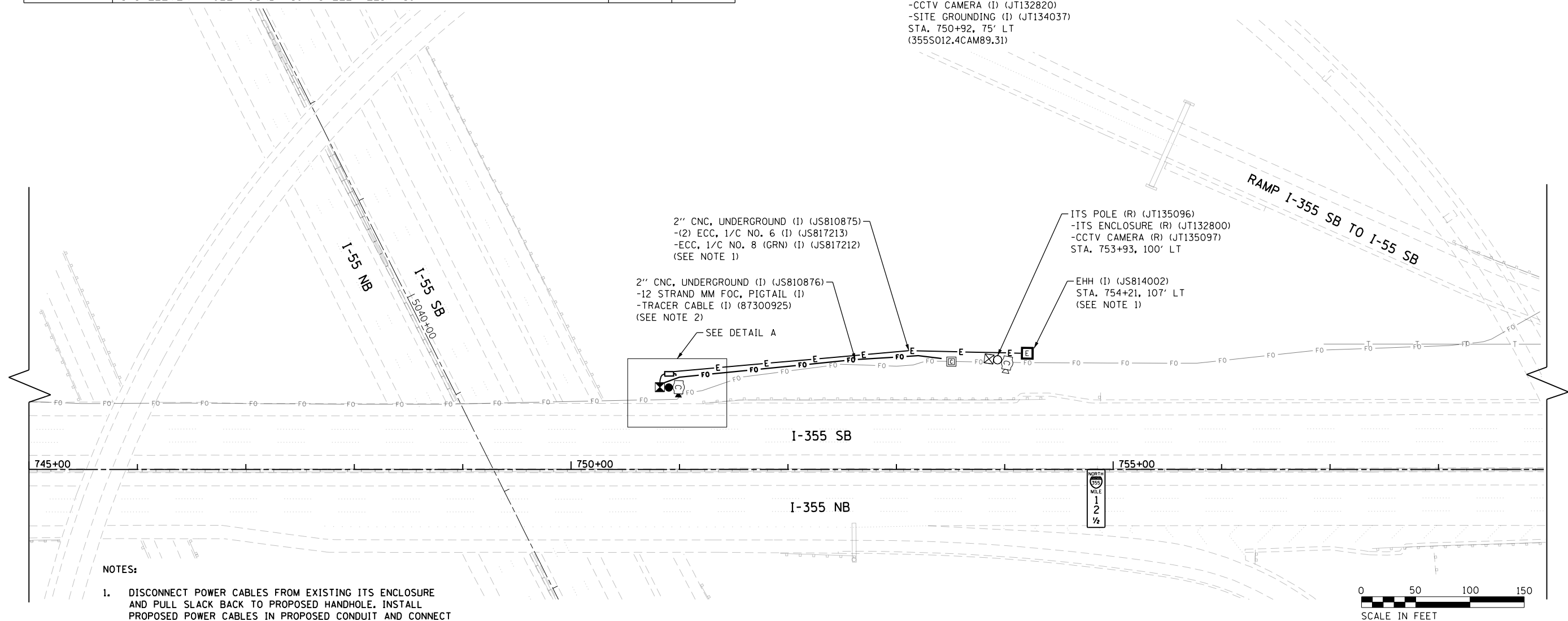
SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 IC	FOOT	270
87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1
JS810820	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	30
JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	330
JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	1
JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	360
JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	720
JT132800	REMOVE ITS POLE MOUNTED ENCLOSURE	L SUM	1
JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	1
JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1
JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	1
JT132831	FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY (MULTIMODE)	EACH	1
JT134037	ITS ELEMENT SITE GROUNDING - POLE MOUNTED ASSEMBLY	EACH	1
JT135096	ITS POLE AND BASE REMOVAL	EACH	1
JT135097	REMOVE CCTV CAMERA, POLE MOUNTED	EACH	1
JT160152	CABLE MARKER SIGN WITH POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	1
JT810876	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 2" DIA.	FOOT	270
JT830051	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 50 FT., WITHOUT MAST ARM	EACH	1
JT836018	ITS ELEMENT POLE FOUNDATION STEEL HELIX (10 FT)	EACH	1

2" CNC, UNDERGROUND (I) (JS810875)
 -(2) ECC, 1/C NO. 6 (I) (JS817213)
 -ECC, 1/C NO. 8 (GRN) (I) (JS817212)
 (SEE NOTE 1)

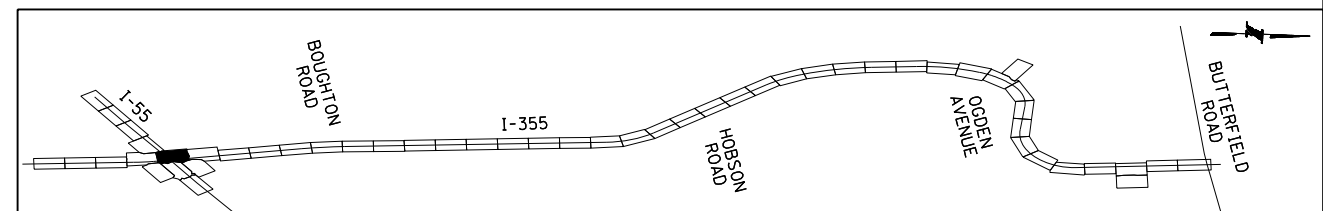


ITS POLE (I) (JT830051)
 -ITS ENCLOSURE (I) (JT132810)
 -FOC ASSEMBLY, MM (I) (JT132831)
 -CCTV CAMERA (I) (JT132820)
 -SITE GROUNDING (I) (JT134037)
 STA. 750+92, 75' LT
 (355S012.4CAM89.31)



NOTES:

- DISCONNECT POWER CABLES FROM EXISTING ITS ENCLOSURE AND PULL SLACK BACK TO PROPOSED HANDHOLE. INSTALL PROPOSED POWER CABLES IN PROPOSED CONDUIT AND CONNECT TO PROPOSED DISCONNECT SWITCH. INSTALL PROPOSED POWER CABLES FROM PROPOSED DISCONNECT SWITCH TO PROPOSED ITS ENCLOSURE.
- THE 12 STRAND MM FOC, PIGTAIL IS INCLUDED IN PAY ITEM "FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY (MULTIMODE)" (JT132834) AND WILL NOT BE PAID FOR SEPARATELY.
- POWER FEED FROM METER NORTHWEST OF I-55 SOUTHBOUND ENTRANCE RAMP. CONTRACTOR TO VERIFY EXACT LOCATION OF POWER FEED AND BREAKER BEFORE BEGINNING WORK.



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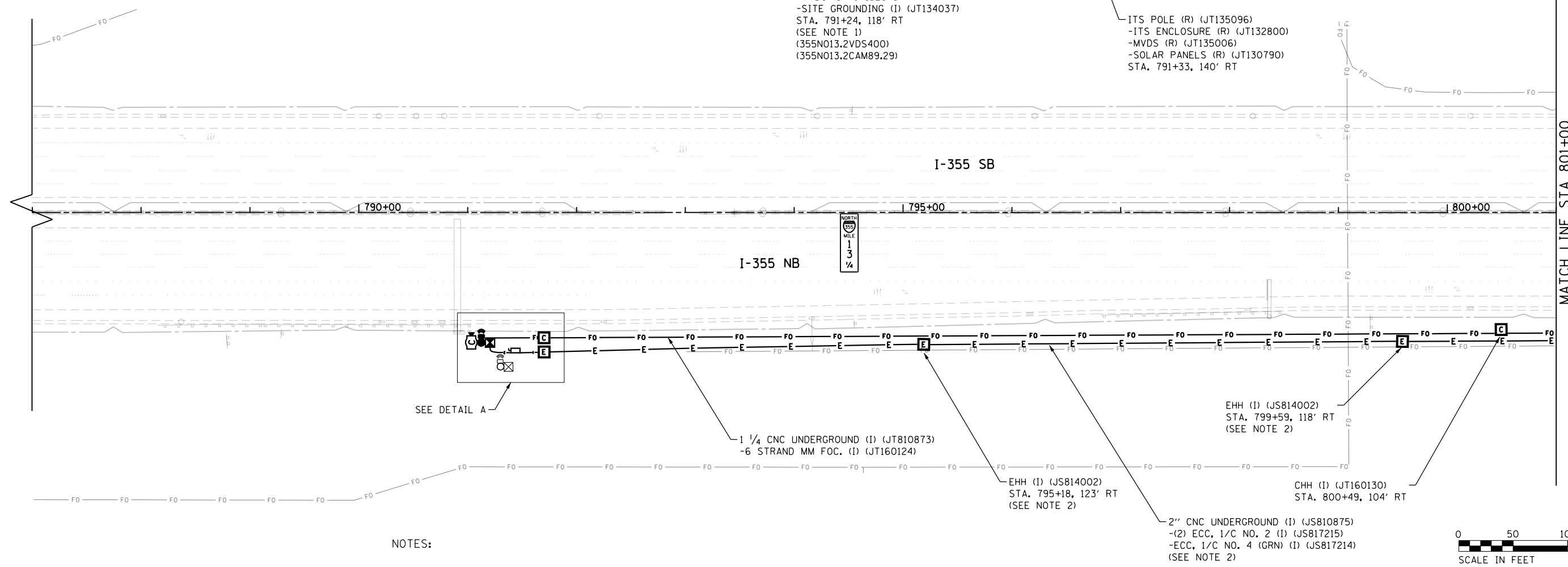
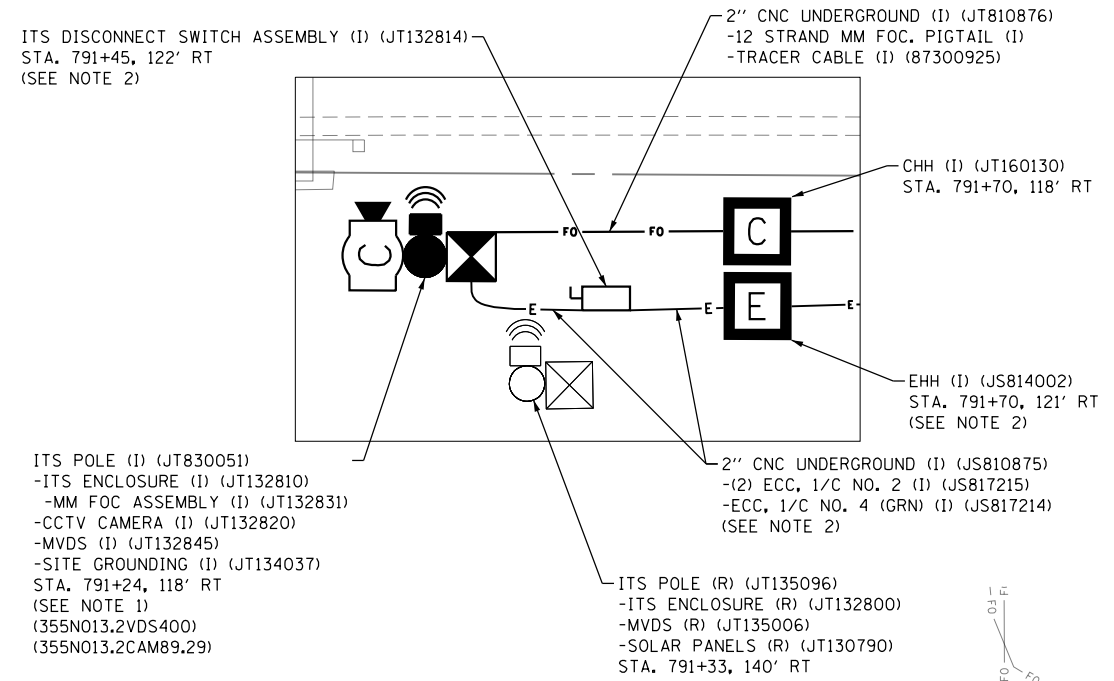
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CONTRACT NO. RR-16-4255
 ITS PLANS
 STA 745+00 - STA 759+00

ITS-05
 DRAWING NO.
 714 OF 1517

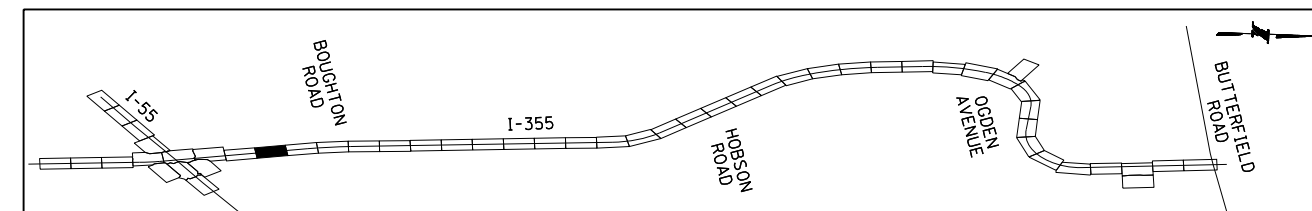
SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	30
87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	3
JS810820	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	60
JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	950
JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	3
JS817214	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	960
JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	1,920
JT130790	REMOVE SOLAR GENERATOR ASSEMBLY	EACH	1
JT132698	FURNISH COMMUNICATIONS SYSTEM UPGRADE	L SUM	1
JT132800	REMOVE ITS POLE MOUNTED ENCLOSURE	EACH	1
JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	1
JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1
JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	1
JT132831	FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY (MULTIMODE)	EACH	1
JT132845	MICROWAVE VEHICLE DETECTION SYSTEM (MVDS), ITS ASSEMBLY	EACH	1
JT134037	ITS ELEMENT SITE GROUNDING - POLE MOUNTED ASSEMBLY	EACH	1
JT135096	ITS POLE AND BASE REMOVAL	EACH	1
JT160130	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, 36"X60"X36"	EACH	2
JT160124	ARMORED MULTIMODE FIBER OPTIC CABLE IN CONDUIT, 6F	FOOT	1,115
JT160152	CABLE MARKER SIGN WITH POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	2
JT810873	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 1 1/4" DIA.	FOOT	915
JT810876	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 2" DIA.	FOOT	30
JT830051	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 50 FT. WITHOUT MAST ARM	EACH	1
JT836018	ITS ELEMENT POLE FOUNDATION STEEL HELIX (10 FT)	EACH	1
JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	1



NOTES:

- POLE SHALL BE PLACED APPROXIMATELY 15 FEET FROM E.O.P., AND 15 FEET FROM EXISTING SIGN STRUCTURE. FINAL PLACEMENT OF POLE SHALL BE ACCORDING TO MVDS MANUFACTURER SPECIFICATIONS AND APPROVED BY THE ENGINEER.
- POWER FEED FROM CABINET AT BOUGHTON RD. EXIT RAMP TOLL PLAZA. CONTRACTOR TO VERIFY EXACT LOCATION OF POWER FEED AND BREAKER BEFORE BEGINNING WORK.



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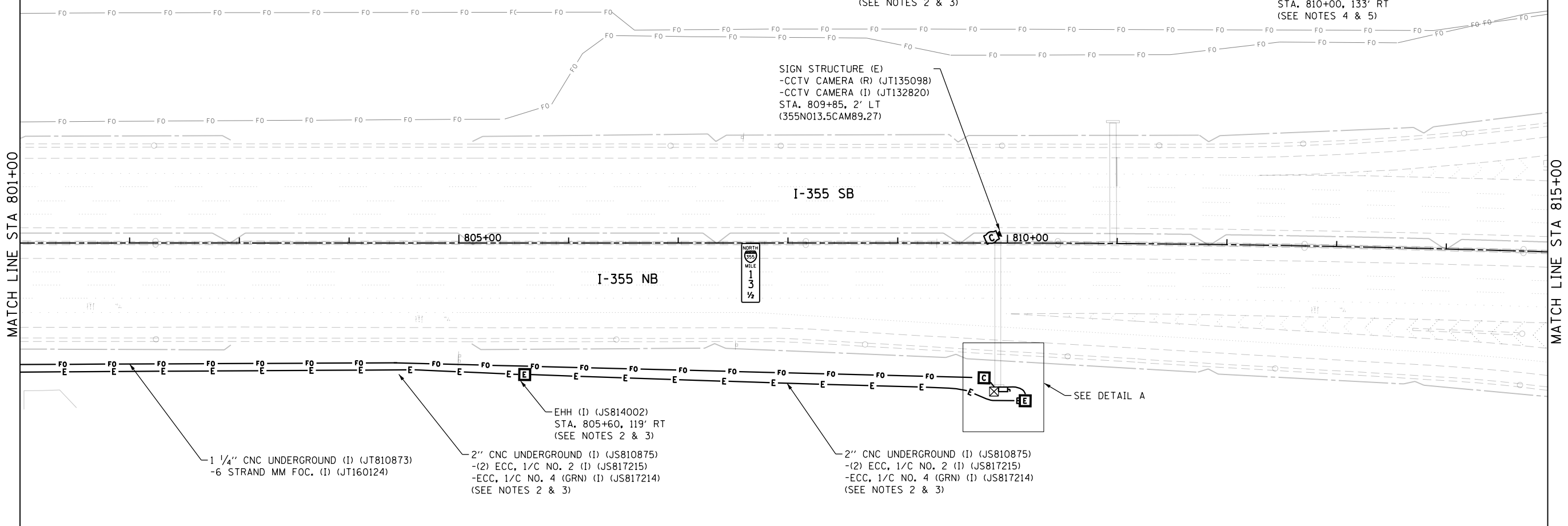
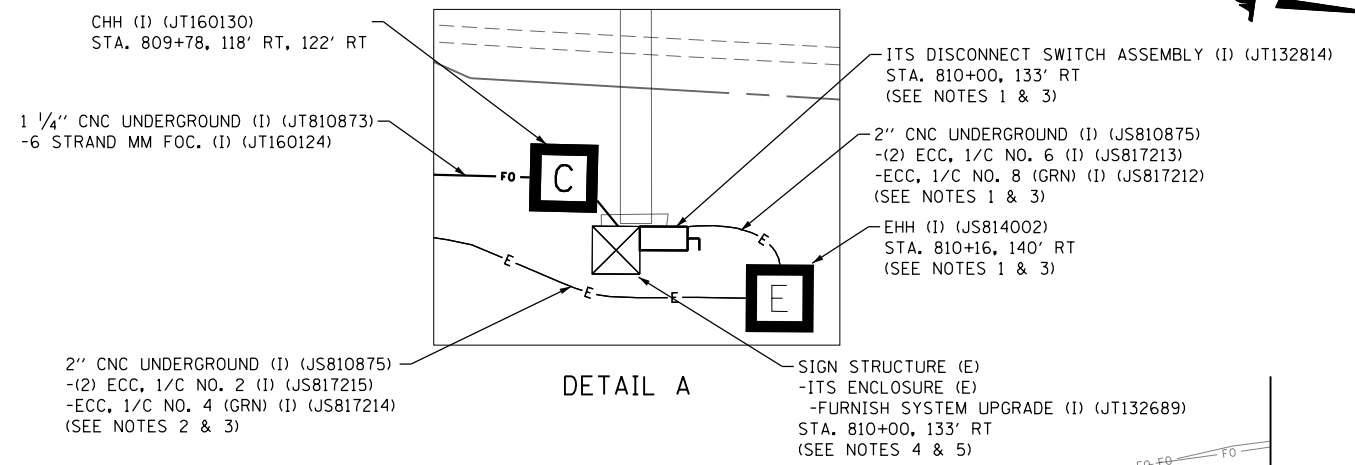
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CONTRACT NO. RR-16-4255
 ITS PLANS
 STA 787+00 - STA 801+00

ITS-06
 DRAWING NO.
 715 OF 1517

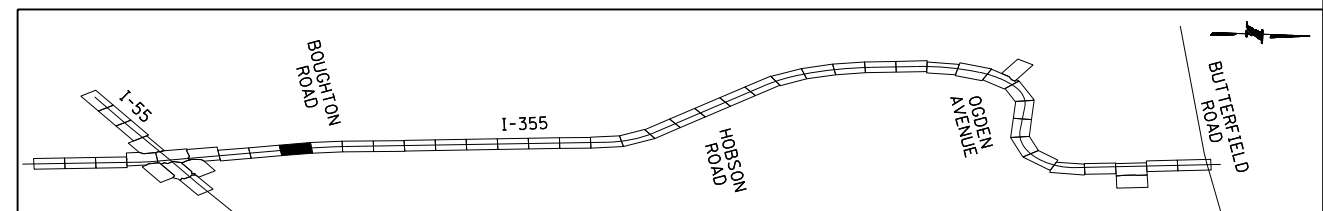
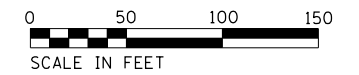
SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	2
JS810820	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	60
JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	1,010
JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	2
JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	30
JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	60
JS817214	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	1,070
JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	2,140
JT132698	FURNISH COMMUNICATIONS SYSTEM UPGRADE	L SUM	1
JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1
JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	1
JT135098	REMOVE CCTV CAMERA, STRUCTURE MOUNTED	EACH	1
JT160124	ARMORED MULTIMODE FIBER OPTIC CABLE IN CONDUIT, 6F	FOOT	995
JT160130	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, 36"X60"X36"	EACH	1
JT160152	CABLE MARKER SIGN WITH POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	2
JT810873	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 1 1/4" DIA.	FOOT	875
JT810876	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 2" DIA.	FOOT	30



NOTES

- DISCONNECT CABLES FROM EXISTING ITS ENCLOSURE AND PULL SLACK BACK TO PROPOSED HANDHOLE. INSTALL SLACK IN PROPOSED CONDUIT AND CONNECT TO PROPOSED DISCONNECT SWITCH. INSTALL PROPOSED POWER CABLES FROM PROPOSED DISCONNECT SWITCH TO EXISTING ITS ENCLOSURE ON TRUSS.
- MAKE SPLICE CONNECTION TO EXISTING POWER CABLE IN HANDHOLE FOR CONNECTION TO NEW PROPOSED POWER CABLES. INSTALL NEW CABLE IN PROPOSED CONDUIT FROM HANDHOLE TO PROPOSED ITS ENCLOSURE SHOWN ON SHEET ITS-06.
- POWER FEED FROM CABINET AT BOUGHTON RD. EXIT RAMP TOLL PLAZA. CONTRACTOR TO VERIFY EXACT LOCATION OF POWER FEED AND BREAKER BEFORE BEGINNING WORK.
- CONTRACTOR SHALL PULL PROPOSED FIBER OPTIC CABLE FROM PROPOSED HANDHOLE TO EXISTING ITS ENCLOSURE ON TRUSS AND TERMINATE AT EXISTING FIBER PATCH PANEL.
- CONTRACTOR SHALL FURNISH AND INSTALL NETWORK SWITCH, ADDITIONAL SFP TRANSCEIVER, AND IP RELAY AS SPECIFIED IN THE SPECIAL PROVISIONS. THIS WORK IS INCLUDED IN PAY ITEM "FURNISH COMMUNICATIONS SYSTEM UPGRADE" (JT132698) AND WILL NOT BE PAID FOR SEPARATELY.



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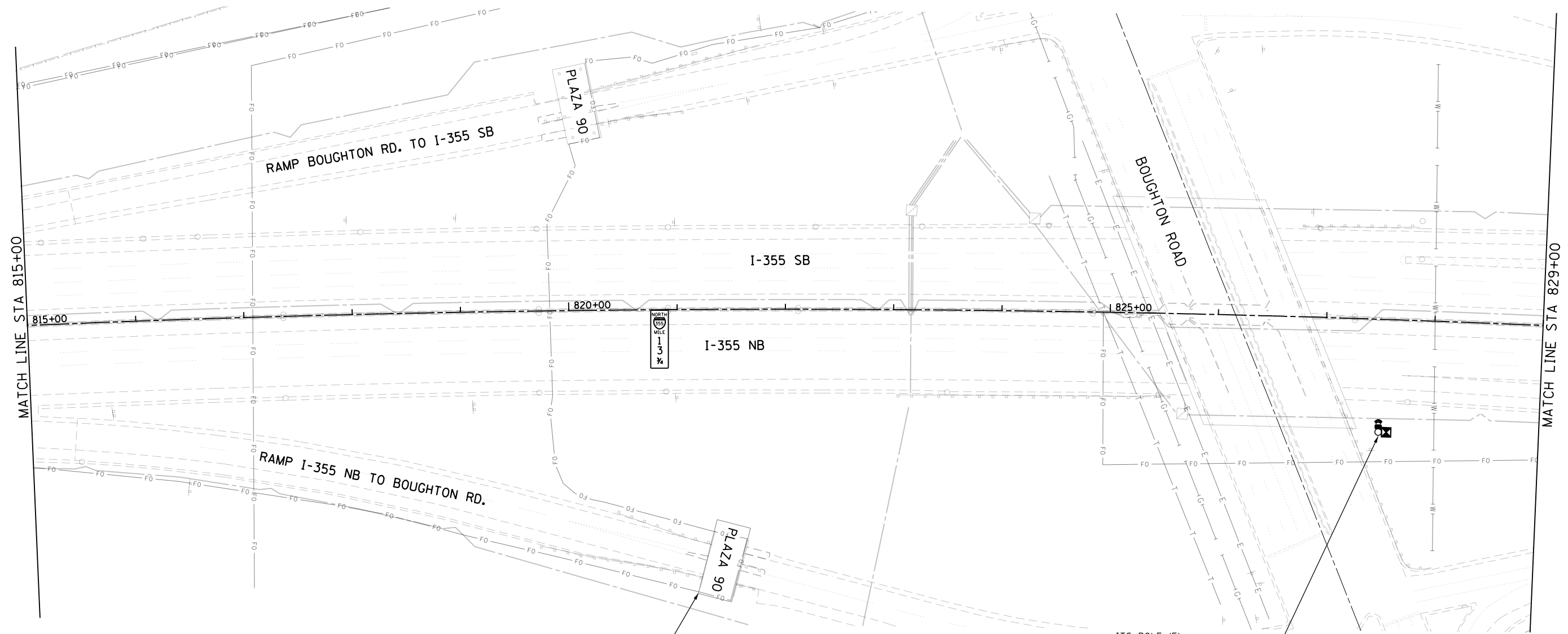
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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CONTRACT NO. RR-16-4255
 ITS PLANS
 STA 801+00 - STA 815+00
 ITS-07
 DRAWING NO. 716 OF 1517

SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
JT130737	MAINTAIN ITS EQUIPMENT - FURNISH EQUIPMENT (BATTERY)	EACH	1
JT132698	FURNISH COMMUNICATIONS SYSTEM UPGRADE	EACH	1
JT132800	REMOVE ITS POLE MOUNTED ENCLOSURE	EACH	1
JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	1
JT132835	WIRELESS COMMUNICATIONS, ITS ASSEMBLY	EACH	1
JT132845	MICROWAVE VEHICLE DETECTION SYSTEM (MVDS), ITS ASSEMBLY	EACH	1
JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	1

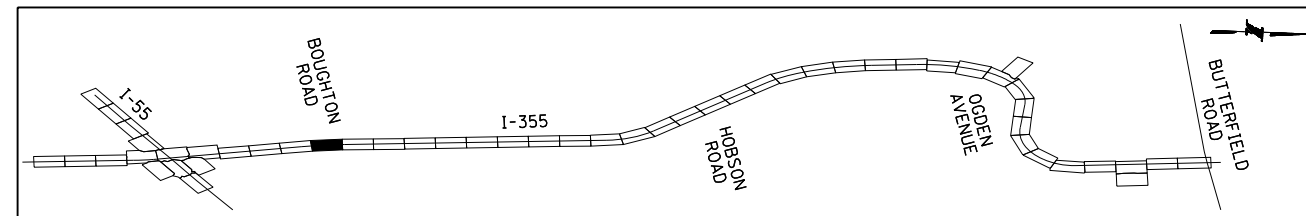
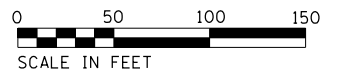


NOTES:

- CONTRACTOR SHALL FURNISH AND INSTALL NETWORK SWITCH AND SFP TRANSCEIVER AS SPECIFIED IN THE SPECIAL PROVISIONS. THIS WORK IS INCLUDED IN PAY ITEM "FURNISH COMMUNICATIONS SYSTEM UPGRADE" (JT132698) AND WILL NOT BE PAID FOR SEPARATELY.
- CONTRACTOR SHALL INTERCEPT EXISTING FIBER OPTIC CABLE FROM TRUSS ON SHEET ITS-06 AT PATCH PANEL AND CONNECT TO PROPOSED NETWORK SWITCH VIA PROPOSED SFP TRANSCEIVER. CONTRACTOR SHALL INTERCEPT EXISTING FIBER OPTIC CABLE FROM PLAZA 89 AT PATCH PANEL AND CONNECT TO PROPOSED NETWORK SWITCH VIA SFP TRANSCEIVER INCLUDED WITH PROPOSED NETWORK SWITCH.

PLAZA ENCLOSURE (E)
 -FURNISH SYSTEM UPGRADE (I) (JT132698)
 STA. 820+19, 260' RT
 (SEE NOTES 1 & 2)

ITS POLE (E)
 -MVDS (R) (JT135006)
 -MVDS (I) (JT132845)
 -ITS ENCLOSURE (R) (JT132800)
 -ITS ENCLOSURE (I) (JT132810)
 -BATTERIES (I) (JT130737)
 -CELLULAR (I) (JT132835)
 STA. 827+64, 90' RT
 (355N013.9VDS423)



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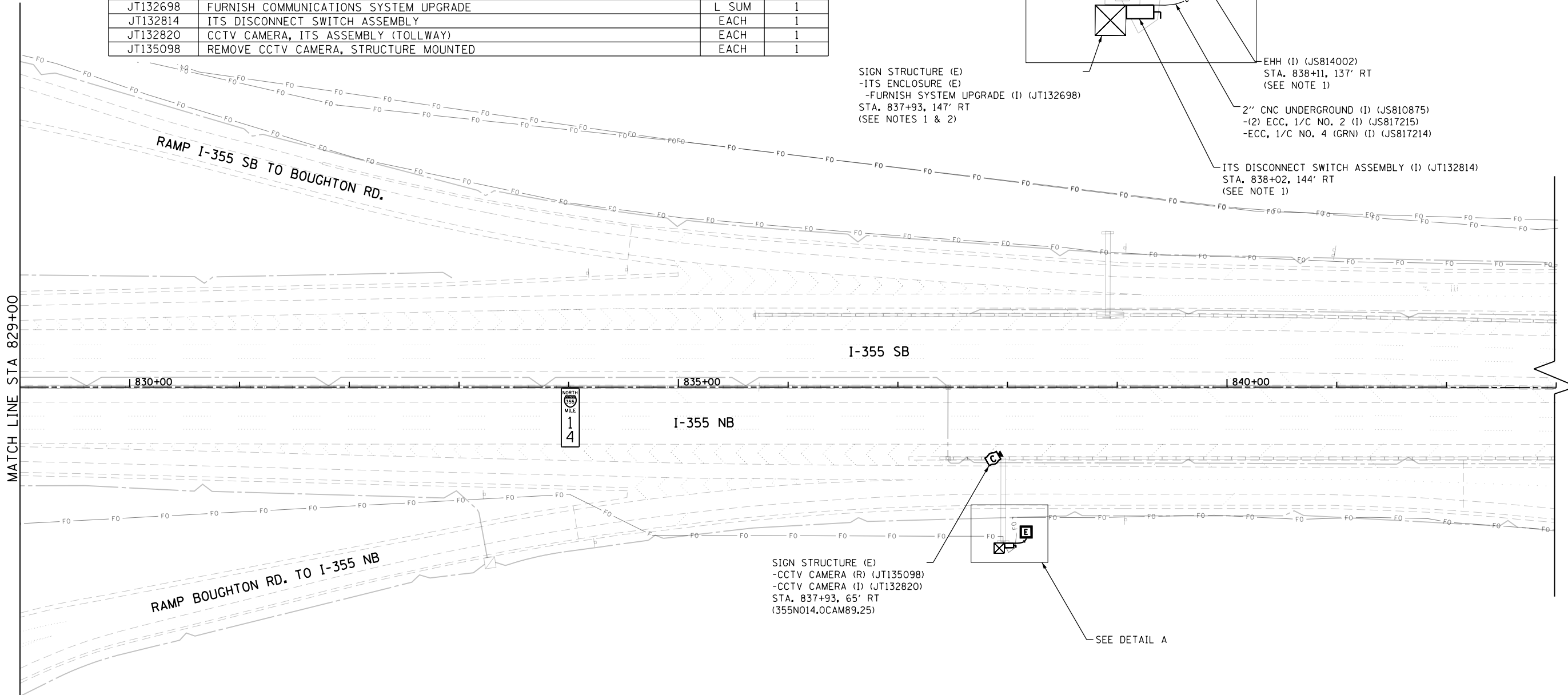
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CONTRACT NO. RR-16-4255
 ITS PLAN
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 DRAWING NO.
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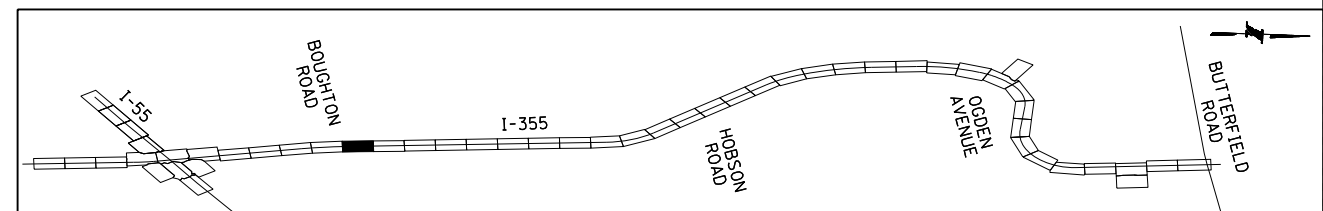
SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1
JS810820	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	10
JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	10
JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	1
JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	30
JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	60
JT132698	FURNISH COMMUNICATIONS SYSTEM UPGRADE	L SUM	1
JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1
JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	1
JT135098	REMOVE CCTV CAMERA, STRUCTURE MOUNTED	EACH	1



NOTES

- DISCONNECT POWER CABLES FROM EXISTING ITS ENCLOSURE AND PULL SLACK BACK, INTERCEPT EXISTING POWER CONDUIT AND REROUTE POWER CABLES TO PROPOSED DISCONNECT SWITCH MOUNTED ON STRUCTURE. INSTALL PROPOSED POWER CABLES FROM PROPOSED DISCONNECT SWITCH TO EXISTING ITS ENCLOSURE.
- CONTRACTOR SHALL FURNISH AND INSTALL NETWORK SWITCH AND IP RELAY AS SPECIFIED IN THE SPECIAL PROVISIONS. THIS WORK IS INCLUDED IN PAY ITEM "FURNISH COMMUNICATIONS SYSTEM UPGRADE" (JT132698) AND WILL NOT BE PAID FOR SEPARATELY.



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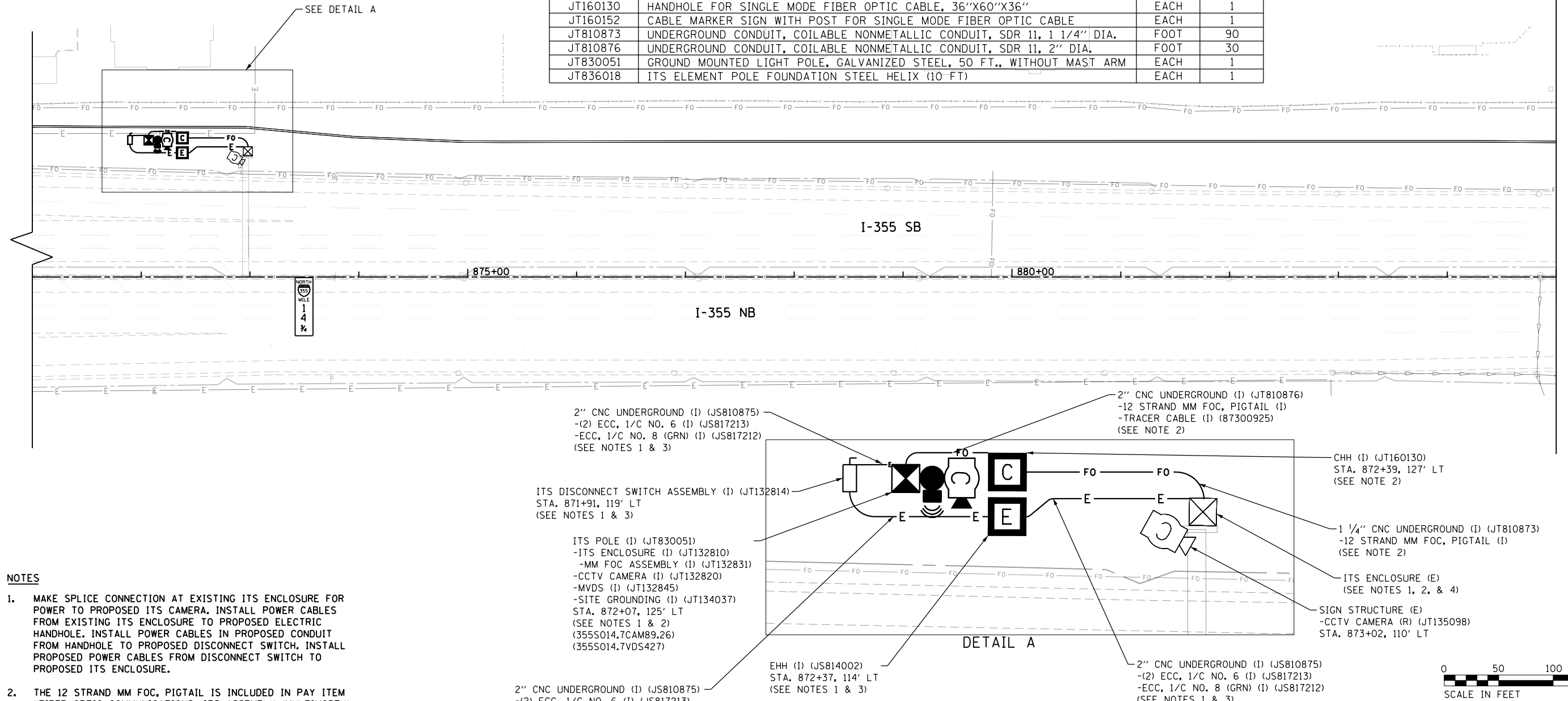
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 ITS PLAN
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ITS-09
 DRAWING NO.
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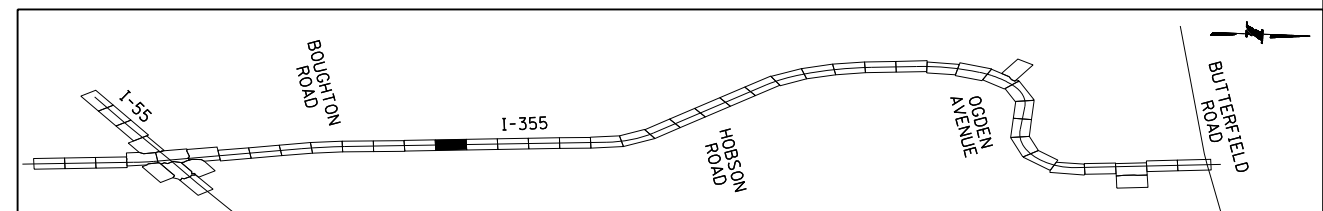
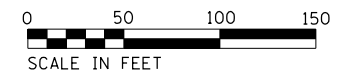
SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	30
87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1
JS810820	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	60
JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	100
JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	1
JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	150
JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	300
JT132698	FURNISH COMMUNICATIONS SYSTEM UPGRADE	L SUM	1
JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	1
JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1
JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	1
JT132831	FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY (MULTIMODE)	EACH	1
JT132845	MICROWAVE VEHICLE DETECTION SYSTEM (MVDS), ITS ASSEMBLY	EACH	1
JT134037	ITS ELEMENT SITE GROUNDING - POLE MOUNTED ASSEMBLY	EACH	1
JT135098	REMOVE CCTV CAMERA, STRUCTURE MOUNTED	EACH	1
JT160130	HANDHOLE FOR SINGLE MODE FIBER OPTIC CABLE, 36"X60"X36"	EACH	1
JT160152	CABLE MARKER SIGN WITH POST FOR SINGLE MODE FIBER OPTIC CABLE	EACH	1
JT810873	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 1 1/4" DIA.	FOOT	90
JT810876	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, SDR 11, 2" DIA.	FOOT	30
JT830051	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 50 FT., WITHOUT MAST ARM	EACH	1
JT836018	ITS ELEMENT POLE FOUNDATION STEEL HELIX (10 FT)	EACH	1



NOTES

- MAKE SPLICE CONNECTION AT EXISTING ITS ENCLOSURE FOR POWER TO PROPOSED ITS CAMERA. INSTALL POWER CABLES FROM EXISTING ITS ENCLOSURE TO PROPOSED ELECTRIC HANDHOLE. INSTALL POWER CABLES IN PROPOSED CONDUIT FROM HANDHOLE TO PROPOSED DISCONNECT SWITCH. INSTALL PROPOSED POWER CABLES FROM DISCONNECT SWITCH TO PROPOSED ITS ENCLOSURE.
- THE 12 STRAND MM FOC, PIGTAIL IS INCLUDED IN PAY ITEM "FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY (MULTIMODE)" (JT132834) AND WILL NOT BE PAID FOR SEPARATELY.
- POWER FEED FROM ROADWAY PANEL LOCATED SOUTHBOUND NEAR 75TH STREET. CONTRACTOR TO VERIFY EXACT LOCATION OF POWER FEED AND BREAKER BEFORE BEGINNING WORK.
- EXISTING ITS ENCLOSURE TO REMAIN ON TRUSS.



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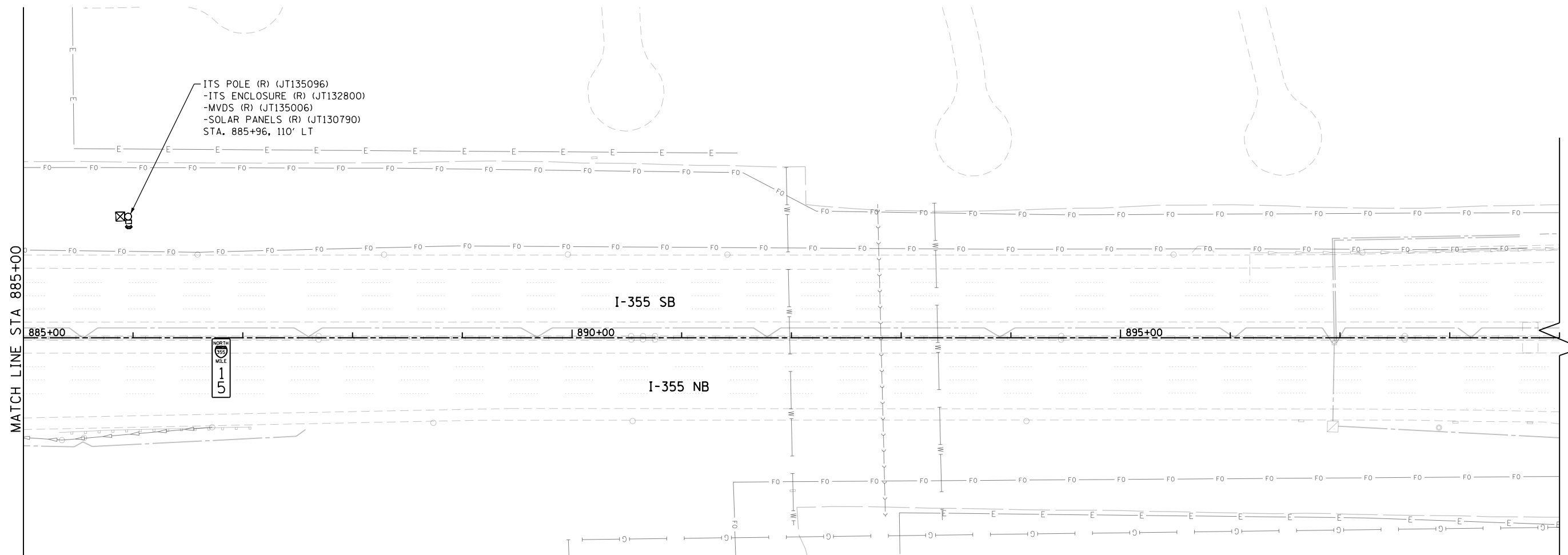
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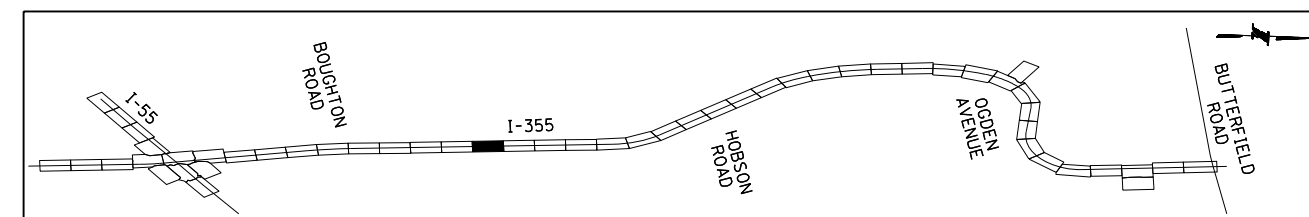
CONTRACT NO. RR-16-4255
 ITS PLAN
 STA 871+00 - STA 885+00

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 DRAWING NO.
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SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
JT130790	REMOVE SOLAR GENERATOR ASSEMBLY	EACH	1
JT132800	REMOVE ITS POLE MOUNTED ENCLOSURE	EACH	1
JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	1
JT135096	ITS POLE AND BASE REMOVAL	EACH	1



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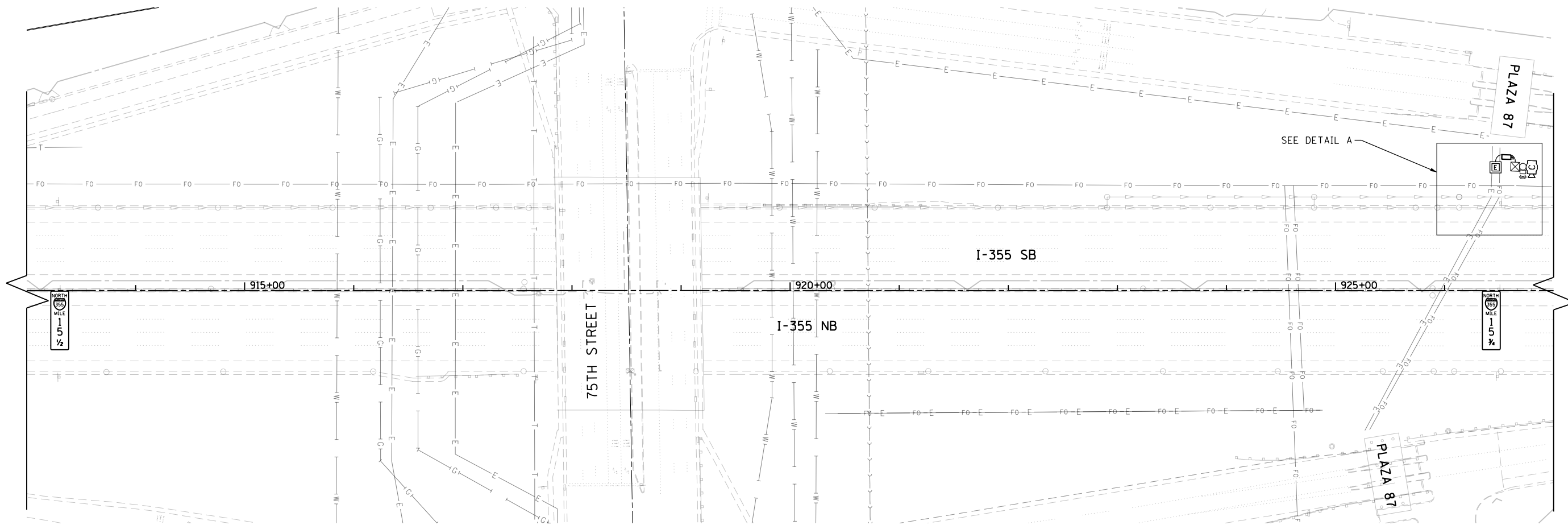
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CONTRACT NO. RR-16-4255
 ITS PLAN
 STA 885+00 - STA 899+00

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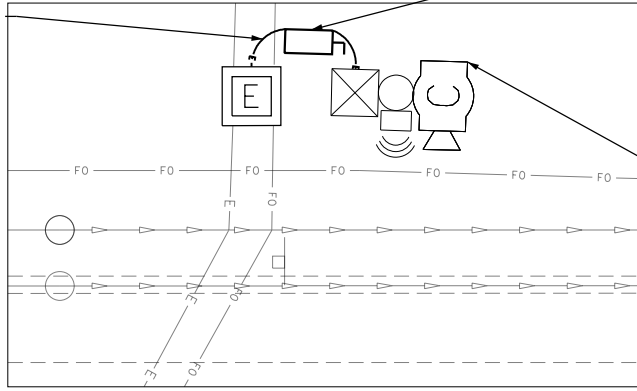
NORTH
1/5
MILE

NORTH
1/5
MILE

SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
JS810820	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	15
JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	15
JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	30
JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	60
JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1

2" CNC UNDERGROUND (I) (JS810875)
 -(2) ECC, 1/C NO. 6 (I) (JS817213)
 -ECC, 1/C NO. 8 (GRN) (I) (JS817212)
 (SEE NOTE 1)



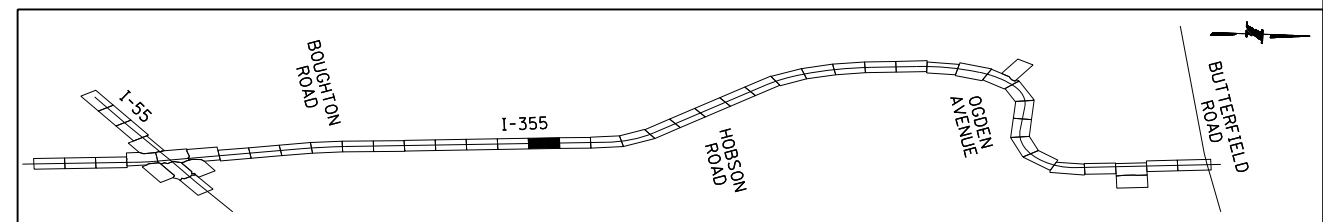
ITS DISCONNECT SWITCH ASSEMBLY (I) (JT132814)
 STA. 926+46, 109' LT
 (SEE NOTE 1)

ITS POLE (E)
 -ITS ENCLOSURE (E)
 STA. 926+68, 109' LT
 (SEE NOTE 1)



NOTES

- DISCONNECT POWER CABLES FROM EXISTING ITS ENCLOSURE AND PULL SLACK BACK TO EXISTING HANDHOLE. INTERCEPT EXISTING POWER CONDUIT AND REROUTE POWER CABLES TO PROPOSED DISCONNECT SWITCH. INSTALL PROPOSED POWER CABLES FROM PROPOSED DISCONNECT SWITCH TO EXISTING ITS ENCLOSURE.



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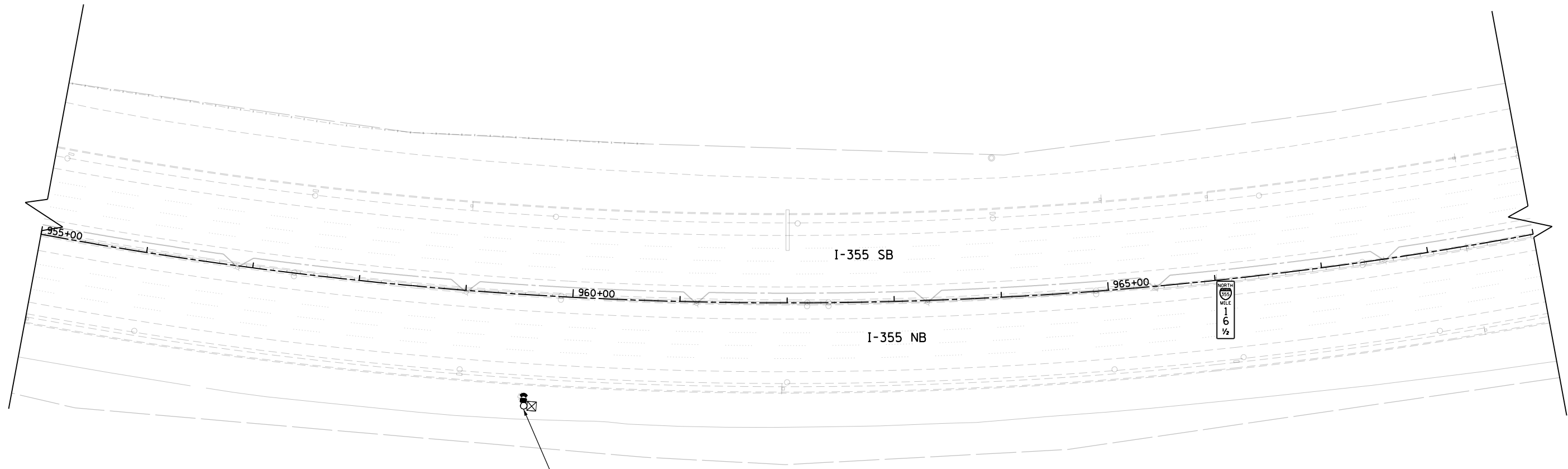
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CONTRACT NO. RR-16-4255
 ITS PLAN
 STA 913+00 - STA 927+00

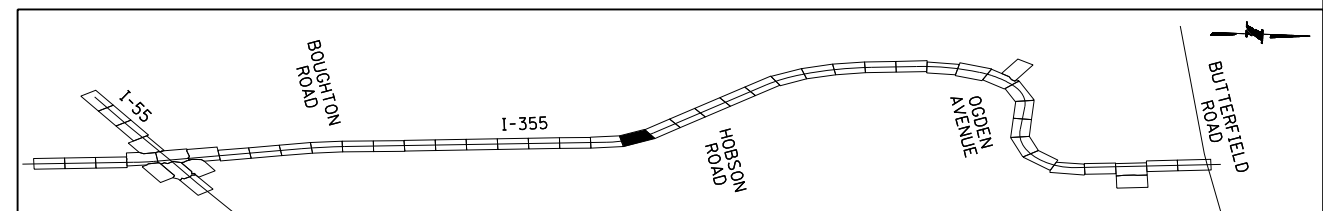
ITS-12
 DRAWING NO.
 721 OF 1517

SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
JT130737	MAINTAIN ITS EQUIPMENT - FURNISH EQUIPMENT (BATTERY)	EACH	1
JT132845	MICROWAVE VEHICLE DETECTION SYSTEM (MVDS), ITS ASSEMBLY	EACH	1
JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	1



ITS POLE (E)
 -MVDS (R) (JT135006)
 -MVDS (I) (JT132845)
 -BATTERIES (I) (JT130737)
 STA. 959+58, 104' RT
 (355N016.3VDS440)



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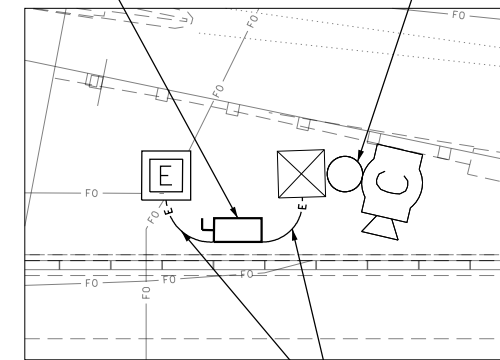
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CONTRACT NO. RR-16-4255
 ITS PLAN
 STA 955+00 - STA 969+00

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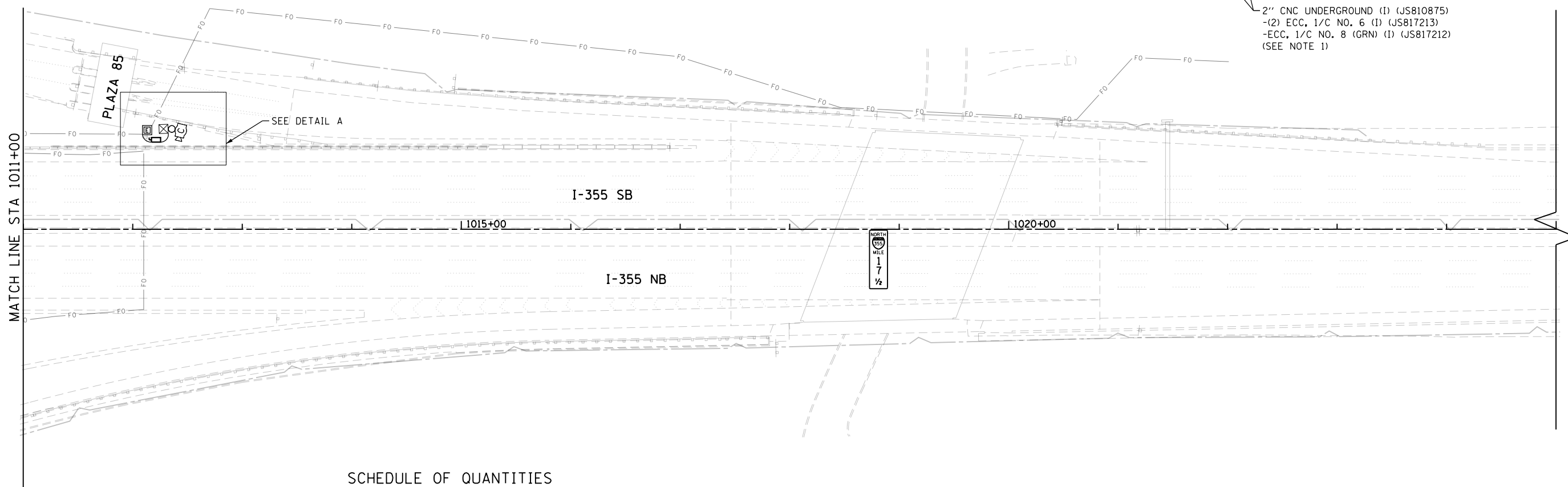
ITS DISCONNECT SWITCH ASSEMBLY (D) (JT132814)
 STA. 1012+13, 92' LT
 (SEE NOTE 1)
 (355S017.4CAM83A211)

DETAIL A



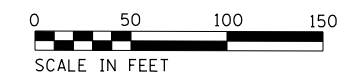
ITS POLE (E)
 -ITS ENCLOSURE (E)
 STA. 1012+37, 92' LT
 (SEE NOTE 1)

2" CNC UNDERGROUND (I) (JS810875)
 -(2) ECC, 1/C NO. 6 (I) (JS817213)
 -ECC, 1/C NO. 8 (GRN) (I) (JS817212)
 (SEE NOTE 1)



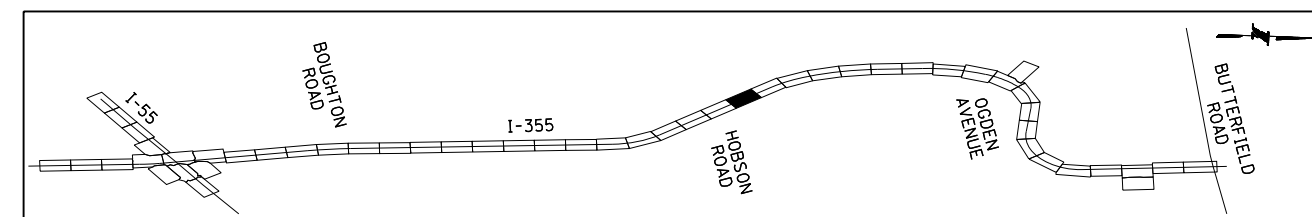
SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
JS810820	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	15
JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	15
JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	30
JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	60
JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1



NOTES

- DISCONNECT POWER CABLES FROM EXISTING ITS ENCLOSURE AND PULL SLACK BACK TO EXISTING HANDHOLE. INSTALL SLACK IN PROPOSED CONDUIT TO PROPOSED DISCONNECT SWITCH. INSTALL PROPOSED POWER CABLES FROM PROPOSED DISCONNECT SWITCH TO PROPOSED ITS ENCLOSURE.



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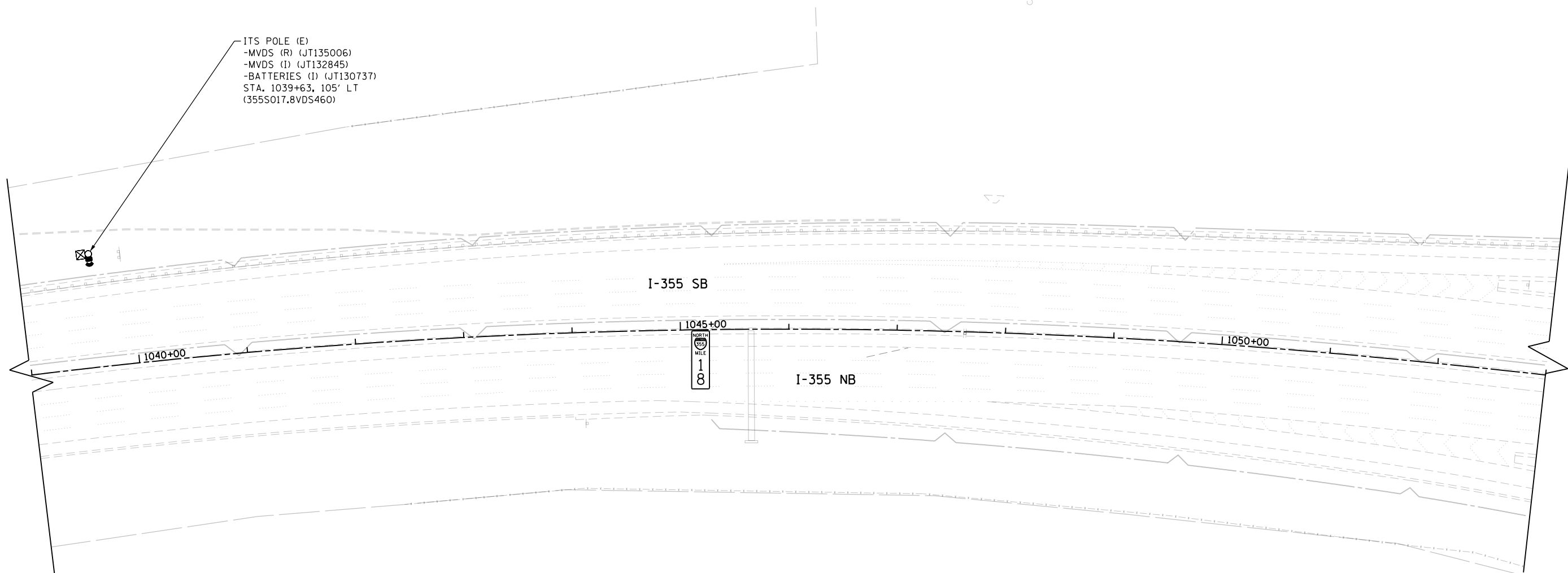
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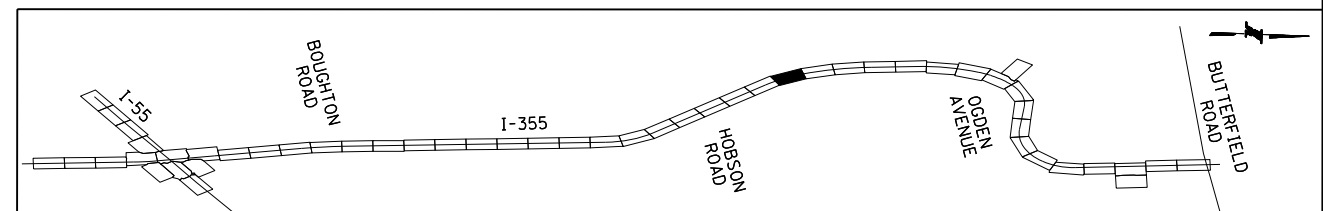
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ITS POLE (E)
 -MVDS (R) (JT135006)
 -MVDS (I) (JT132845)
 -BATTERIES (I) (JT130737)
 STA. 1039+63, 105' LT
 (355S017.8VDS460)

SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
JT130737	MAINTAIN ITS EQUIPMENT - FURNISH EQUIPMENT (BATTERY)	EACH	1
JT132845	MICROWAVE VEHICLE DETECTION SYSTEM (MVDS), ITS ASSEMBLY	EACH	1
JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	1



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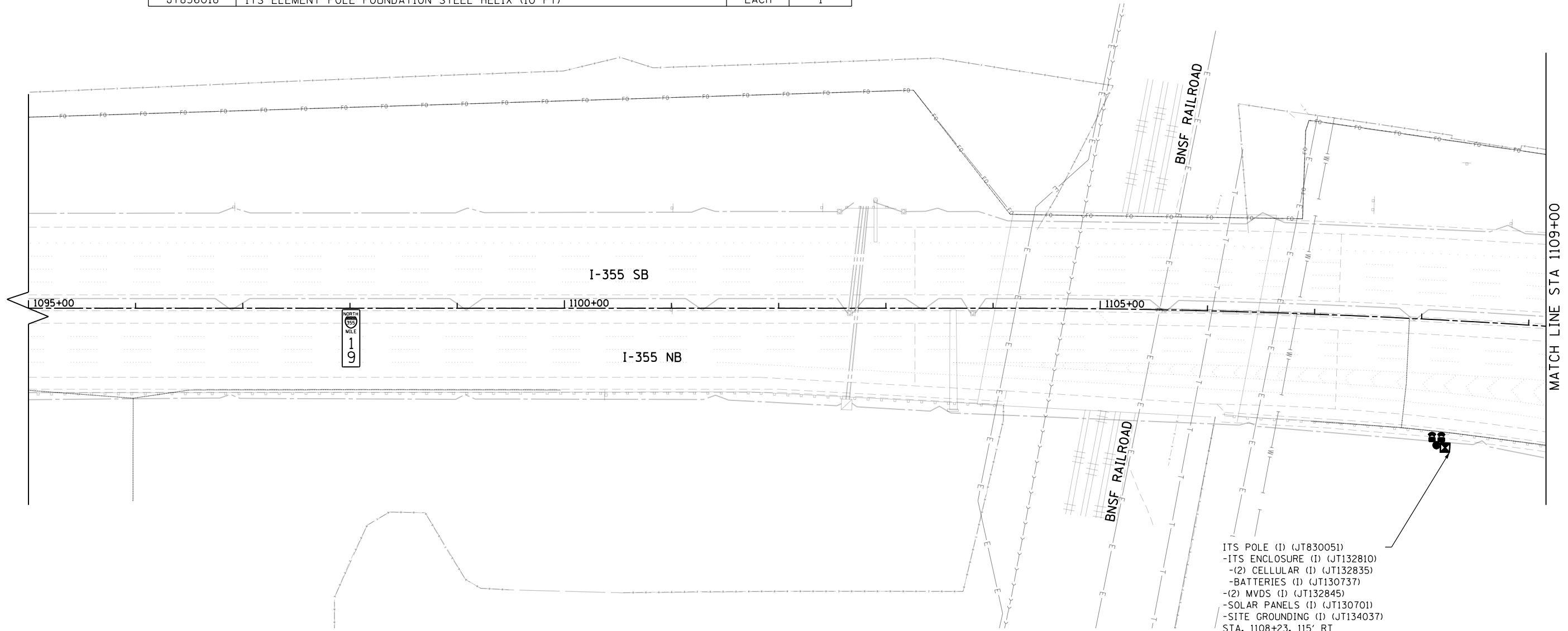
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 ITS PLAN
 STA 1039+00 - STA 1053+00

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SCHEDULE OF QUANTITIES

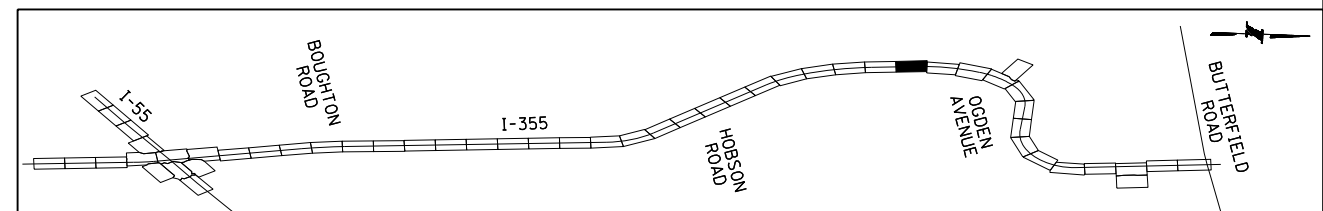
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
JT130701	CO-LOCATED SOLAR POWERED GENERATOR ASSEMBLY	EACH	1
JT130737	MAINTAIN ITS EQUIPMENT - FURNISH EQUIPMENT (BATTERY)	EACH	1
JT132810	ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)	EACH	1
JT132835	WIRELESS COMMUNICATIONS, ITS ASSEMBLY	EACH	2
JT132845	MICROWAVE VEHICLE DETECTION SYSTEM (MVDS), ITS ASSEMBLY	EACH	2
JT134037	ITS ELEMENT SITE GROUNDING - POLE MOUNTED ASSEMBLY	EACH	1
JT800051	GROUND MOUNTED LIGHT POLE, GALVANIZED STEEL, 50 FT., WITHOUT MAST ARM	EACH	1
JT836018	ITS ELEMENT POLE FOUNDATION STEEL HELIX (10 FT)	EACH	1



- ITS POLE (1) (JT830051)
- ITS ENCLOSURE (1) (JT132810)
- (2) CELLULAR (1) (JT132835)
- BATTERIES (1) (JT130737)
- (2) MVDS (1) (JT132845)
- SOLAR PANELS (1) (JT130701)
- SITE GROUNDING (1) (JT134037)
- STA. 1108+23, 115' RT
- (SEE NOTE 1)
- (355N019.2VDS480)
- (355N019.2VDS481)



- NOTES**
- CONTRACTOR SHALL COORDINATE WITH THE ENGINEER WHEN AIMING MVDS UNITS. ONE MVDS UNIT SHALL BE POSITIONED AND AIMED TO MONITOR ALL LANES OF BOTH NORTHBOUND AND SOUTHBOUND I-355. ONE MVDS UNIT SHALL BE POSITIONED AND AIMED TO MONITOR ALL LANES OF THE EXIT RAMP FROM I-355 NORTHBOUND TO I-88.



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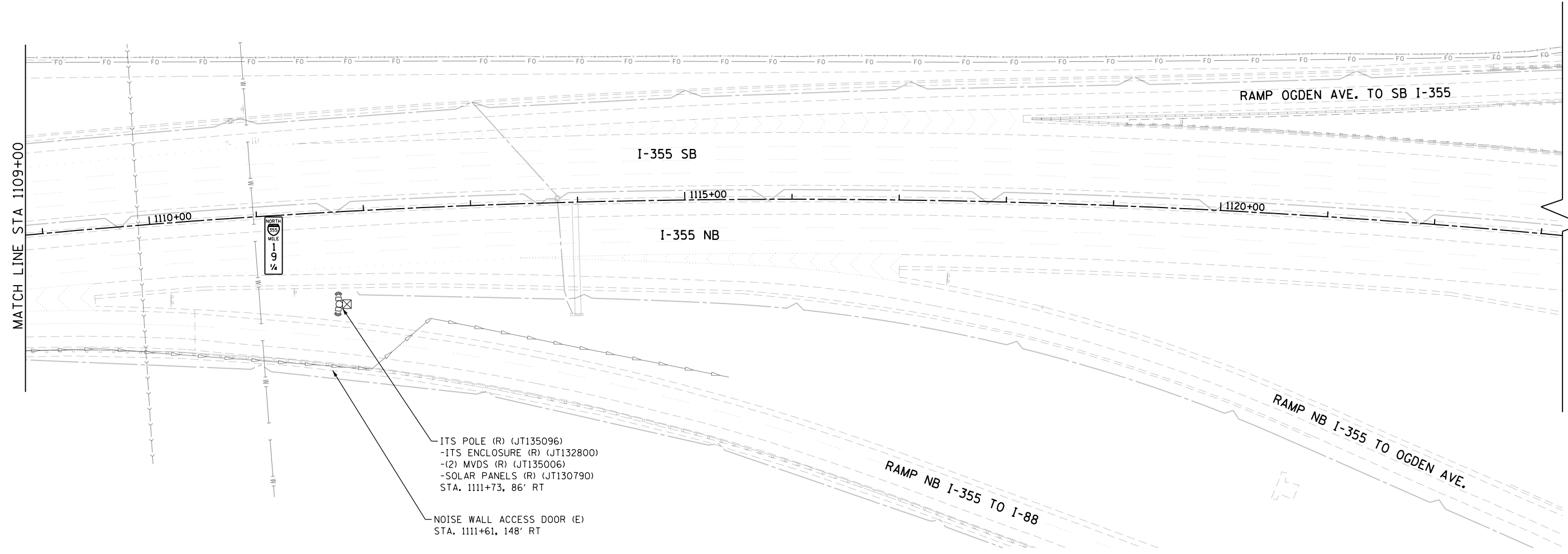
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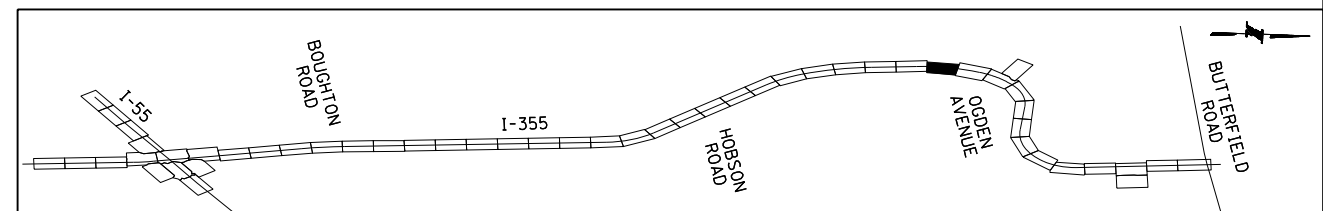
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 ITS PLAN
 STA 1095+00 - STA 1109+00

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SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
JT130790	REMOVE SOLAR GENERATOR ASSEMBLY	EACH	1
JT132800	REMOVE ITS POLE MOUNTED ENCLOSURE	EACH	1
JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	2
JT135096	ITS POLE AND BASE REMOVAL	EACH	1



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 ITS PLAN
 STA 1109+00 - STA 1123+00

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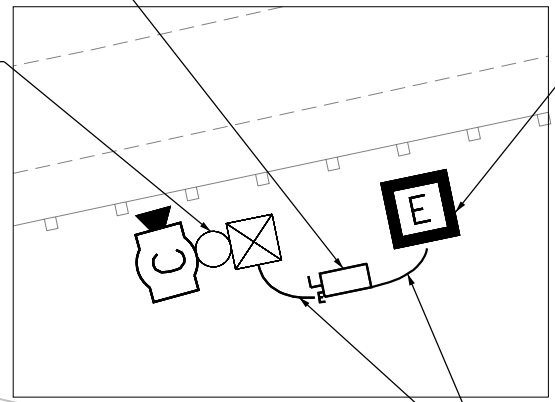


ITS DISCONNECT SWITCH ASSEMBLY (I) (JT132814)
 STA. 1230+36, 130' RT
 (SEE NOTE 1)

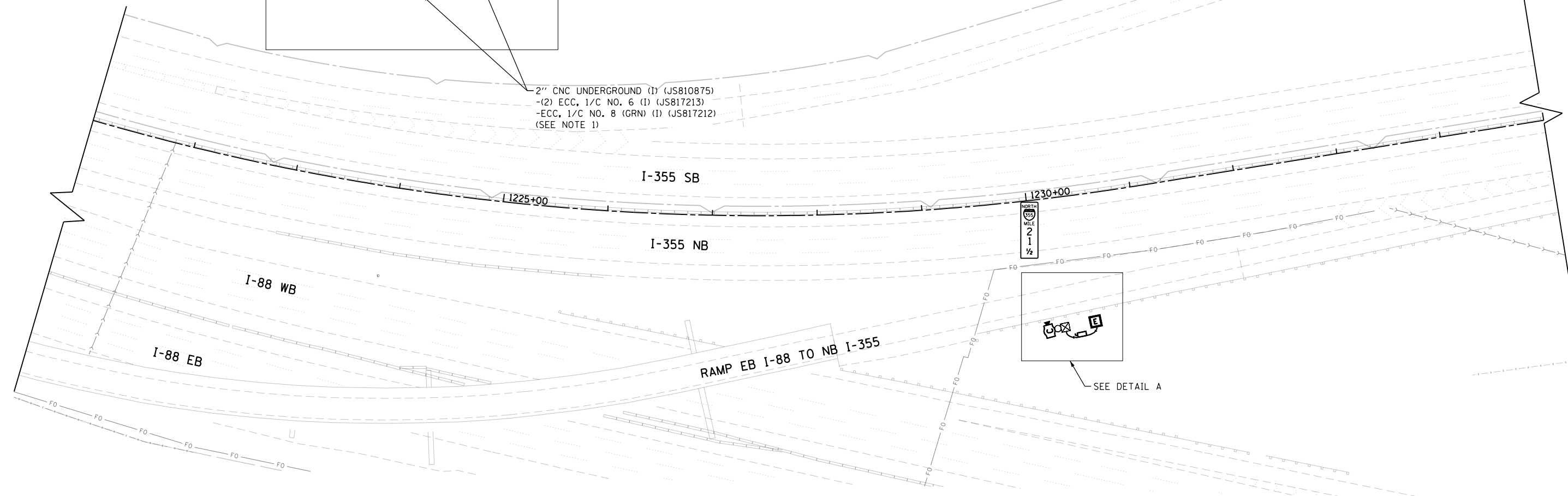
DETAIL A

EHH (I) (JS814002)
 STA. 810+54, 135' LT
 (SEE NOTE 1)

ITS POLE (E)
 -CCTV CAMERA (R) (JT135097)
 -CCTV CAMERA (I) (JT132820)
 -FURNISH SYSTEM UPGRADE (I) (JT132698)
 STA. 1230+17, 127' RT
 (SEE NOTE 2)
 (355N21.5CAM134.213)



2" CNC UNDERGROUND (I) (JS810875)
 -(2) ECC, 1/C NO. 6 (I) (JS817213)
 -ECC, 1/C NO. 8 (GRN) (I) (JS817212)
 (SEE NOTE 1)

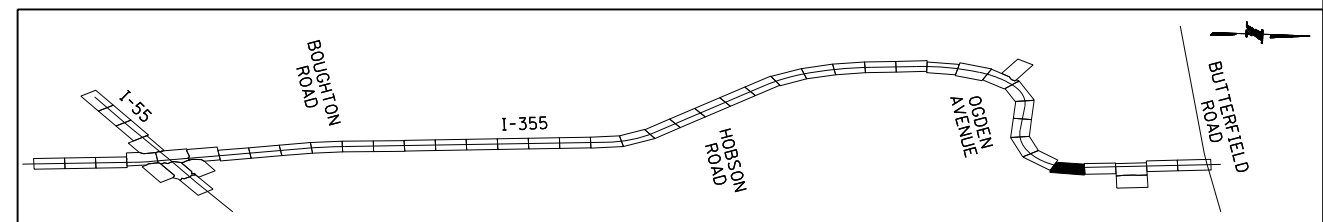


SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
87900205	DRILL EXISTING HEAVY DUTY HANDHOLE	EACH	1
JS810820	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	30
JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	30
JS814002	HEAVY-DUTY HANDHOLE, TOLLWAY	EACH	1
JS817212	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	60
JS817213	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	120
JT132698	FURNISH COMMUNICATIONS SYSTEM UPGRADE	L SUM	1
JT132814	ITS DISCONNECT SWITCH ASSEMBLY	EACH	1
JT132820	CCTV CAMERA, ITS ASSEMBLY (TOLLWAY)	EACH	1
JT135097	REMOVE CCTV CAMERA, POLE MOUNTED	EACH	1

NOTES

- DISCONNECT POWER CABLES FROM EXISTING ITS ENCLOSURE AND PULL SLACK BACK TO PROPOSED HANDHOLE. INSTALL SLACK IN PROPOSED CONDUIT AND CONNECT TO PROPOSED DISCONNECT SWITCH. INSTALL PROPOSED POWER CABLES FROM PROPOSED DISCONNECT SWITCH TO EXISTING ITS ENCLOSURE.
- CONTRACTOR SHALL FURNISH AND INSTALL NETWORK SWITCH AND IP RELAY AS SPECIFIED IN THE SPECIAL PROVISIONS. THIS WORK IS INCLUDED IN "FURNISH COMMUNICATIONS SYSTEM UPGRADE" (JT132698) AND WILL NOT BE PAID FOR SEPARATELY.



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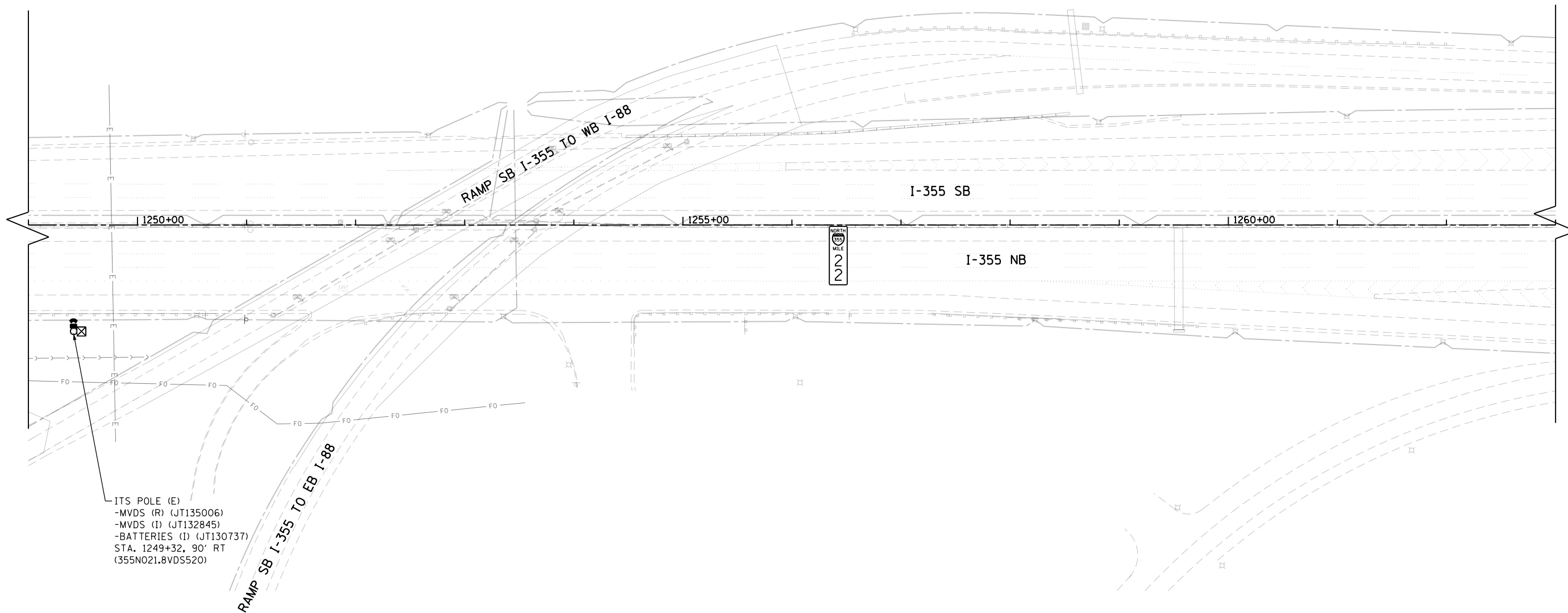
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REVISIONS		
NO.	DATE	DESCRIPTION

CONTRACT NO. RR-16-4255
 ITS PLAN
 STA 1221+00 - STA 1235+00

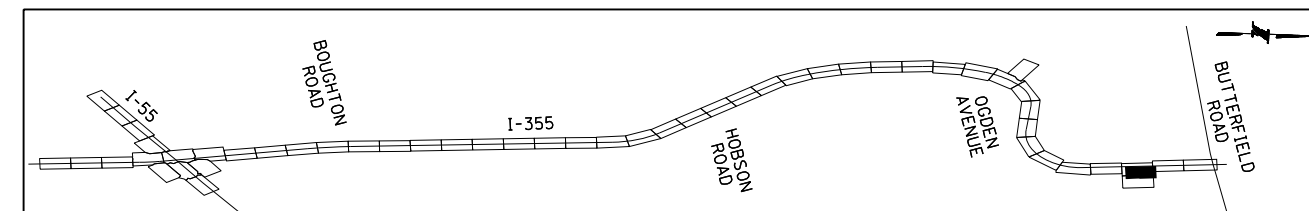
ITS-18
 DRAWING NO.
 727 OF 1517



ITS POLE (E)
 -MVDS (R) (JT135006)
 -MVDS (I) (JT132845)
 -BATTERIES (I) (JT130737)
 STA. 1249+32, 90° RT
 (355N021.8VDS520)

SCHEDULE OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QTY
JT130737	MAINTAIN ITS EQUIPMENT - FURNISH EQUIPMENT (BATTERY)	EACH	1
JT132845	MICROWAVE VEHICLE DETECTION SYSTEM (MVDS), ITS ASSEMBLY	EACH	1
JT135006	REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY	EACH	1



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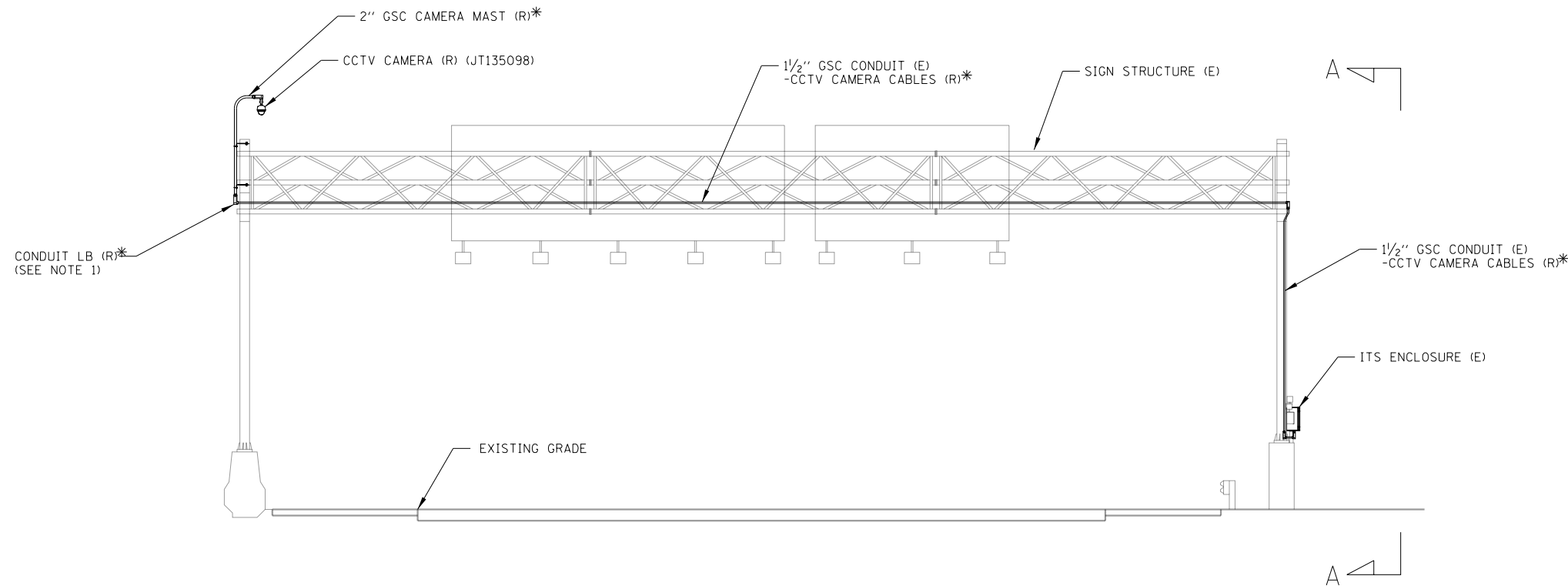
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CONTRACT NO. RR-16-4255
 ITS PLAN
 STA 1235+00 - STA 1263+00

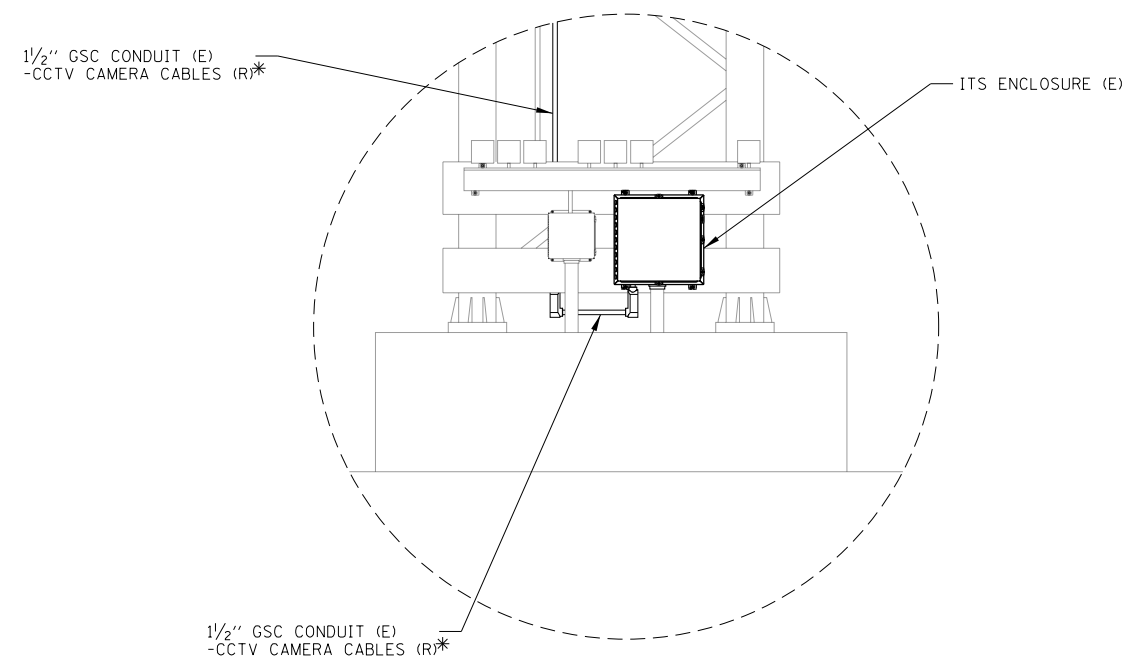
ITS-19
 DRAWING NO.
 728 OF 1517



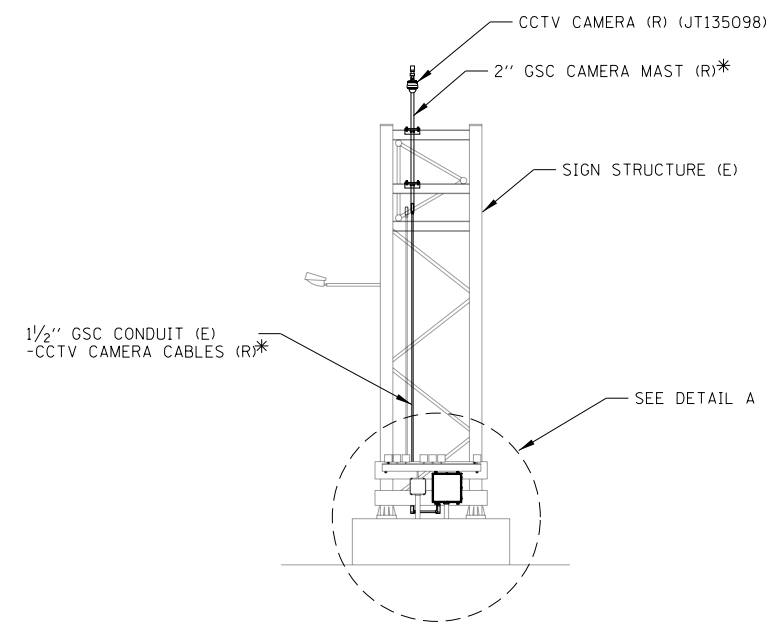
SIGN TRUSS MOUNTED CAMERA
TYPICAL SITE DETAILS

NOTES:

- * - DENOTES EQUIPMENT, CABLING, AND INFRASTRUCTURE REMOVED ARE INCLUDED IN PAY ITEM "REMOVE CCTV CAMERA, STRUCTURE MOUNTED" (JT135098).
- 1. AFTER REMOVING THE CONDUIT LB, CAP THE END OF THE CONDUIT AND SEAL TO PREVENT WATER AND ANIMAL ENTRY.



DETAIL A



SECTION A-A

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CONTRACT NO. RR-16-4255
STRUCTURE MOUNTED CAMERA DETAIL

ITS-20
DRAWING NO.
729 OF 1517

SITE #1

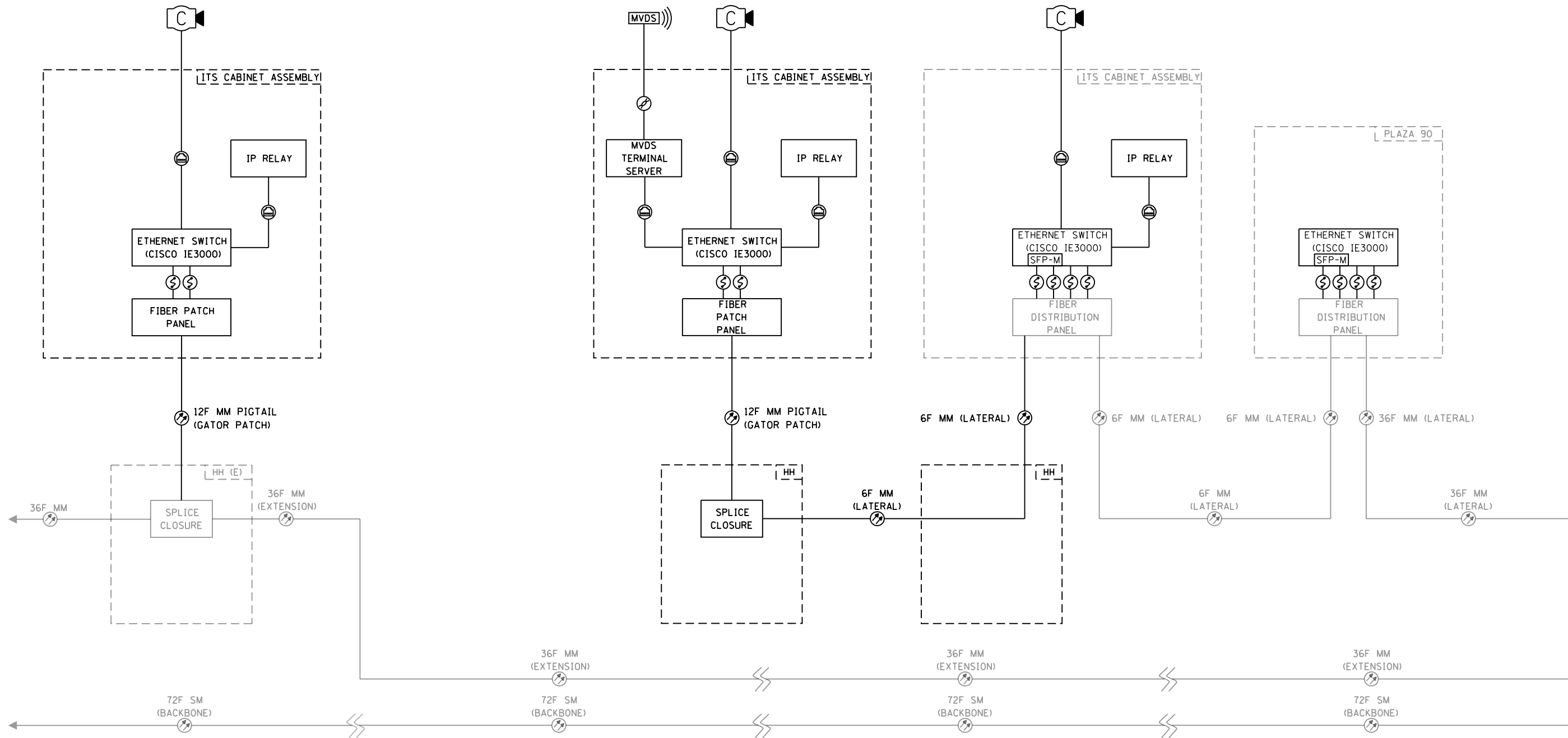
STA. 753+93 100' LT
M.P. 12.47
SHEET ITS-05

SITE #2

STA. 791+24 118' RT
M.P. 13.19
SHEET ITS-06

SITE #3

STA. 809+80 4' LT
M.P. 13.54
SHEET ITS-07



LEGEND

- FIBER OPTIC CABLE
- CAT 6 CABLE
- FIBER OPTIC PATCH CABLE
- COAXIAL CABLE
- TWISTED-PAIR COPPER CABLE
- FIBER OPTIC TRANSCEIVER - MULTIMODE
- CCTV CAMERA
- MICROWAVE VEHICLE DETECTION SYSTEM
- CELLULAR MODEM ANTENNA

DARK LINES INDICATE ITEMS TO BE INSTALLED.
SHADED LINES INDICATE EXISTING ITEMS TO REMAIN.

NOTES:

1. PLAZA TO PLAZA DIRECT COMMUNICATION LINKS NOT SHOWN FOR CLARITY.
2. HANDHOLES ONLY SHOWN AT KEY POINTS FOR CLARITY.
3. TRANSCEIVERS SHOWN ON THIS SHEET SHALL BE OF THE TYPE SPECIFIED IN THE SPECIAL PROVISIONS AND ARE INCLUDED IN PAY ITEM "FURNISH COMMUNICATIONS SYSTEM UPGRADE" (JT132698).

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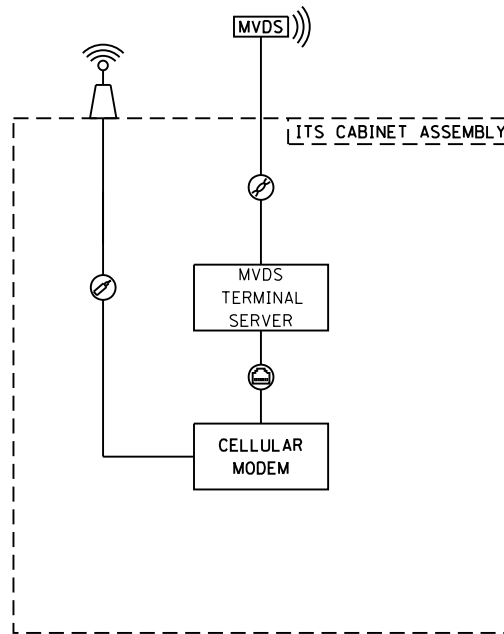
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CONTRACT NO. RR-16-4255
COMMUNICATIONS SINGLE LINE DIAGRAM
ITS-21
DRAWING NO. 730 OF 1517

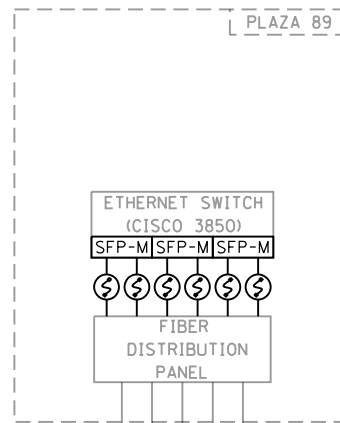
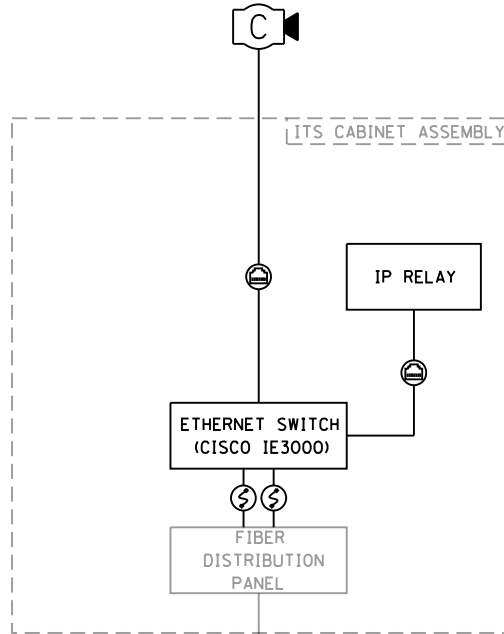
SITE #4

STA. 827+64 90' RT
M.P. 13.88
SHEET ITS-08



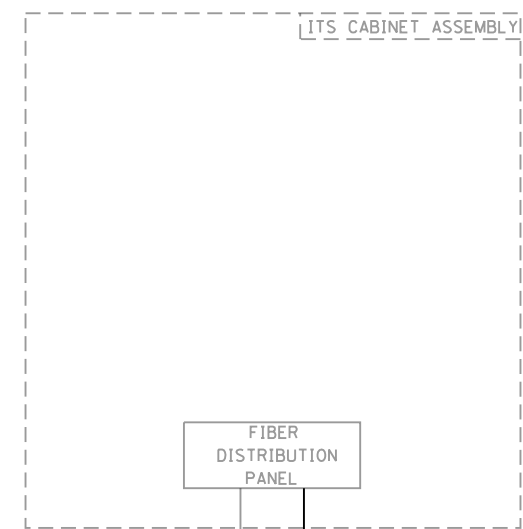
SITE #5

STA. 837+93 65' RT
M.P. 14.07
SHEET ITS-09



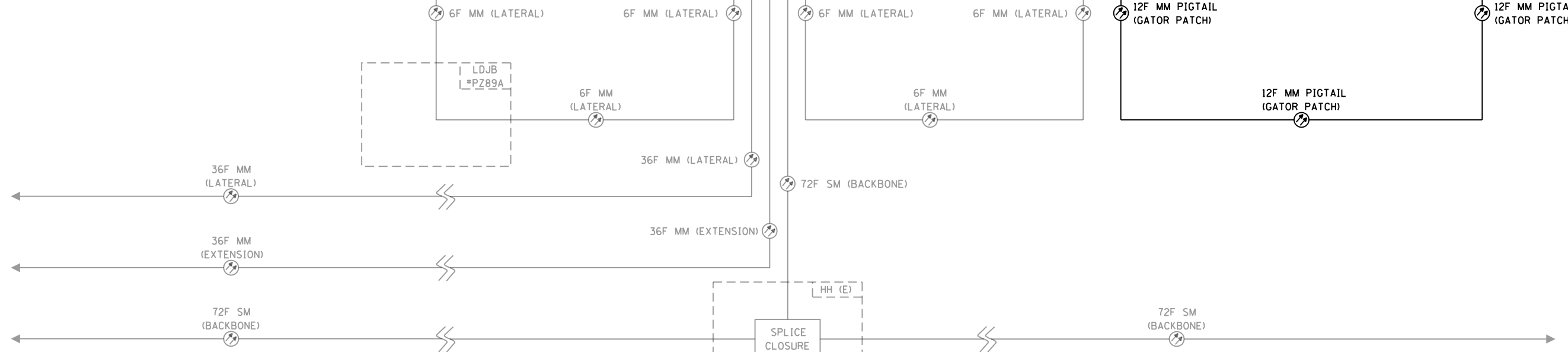
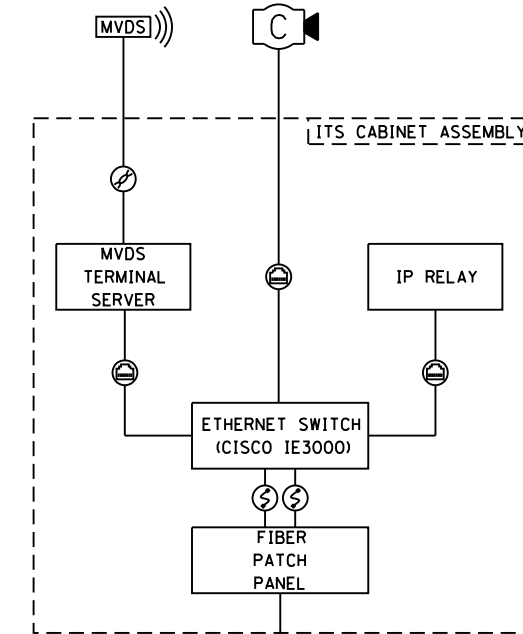
SITE #6

STA. 872+07 125' LT
M.P. 14.74
SHEET ITS-10



SITE #7

STA. 926+46 109' LT
M.P. 15.75
SHEET ITS-10



LEGEND

- FIBER OPTIC CABLE
- CAT 6 CABLE
- FIBER OPTIC PATCH CABLE
- COAXIAL CABLE
- TWISTED-PAIR COPPER CABLE
- FIBER OPTIC TRANSCEIVER - MULTIMODE
- CCTV CAMERA
- MICROWAVE VEHICLE DETECTION SYSTEM
- CELLULAR MODEM ANTENNA

DARK LINES INDICATE ITEMS TO BE INSTALLED.
SHADED LINES INDICATE EXISTING ITEMS TO REMAIN.

NOTES:

1. PLAZA TO PLAZA DIRECT COMMUNICATION LINKS NOT SHOWN FOR CLARITY.
2. HANDHOLES ONLY SHOWN AT KEY POINTS FOR CLARITY.
3. TRANSCEIVERS SHOWN ON THIS SHEET SHALL BE OF THE TYPE SPECIFIED IN THE SPECIAL PROVISIONS AND ARE INCLUDED IN PAY ITEM "FURNISH COMMUNICATIONS SYSTEM UPGRADE" (JT132698).

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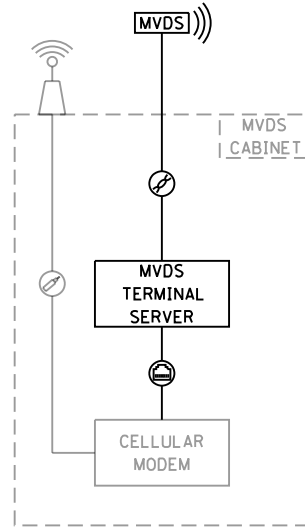
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CONTRACT NO. RR-16-4255
COMMUNICATIONS SINGLE LINE DIAGRAM

ITS-22
DRAWING NO. 731 OF 1517

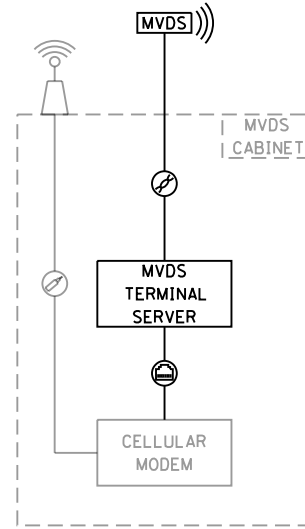
SITE #11

STA. 959+58 104' RT
M.P. 16.38
SHEET ITS-13



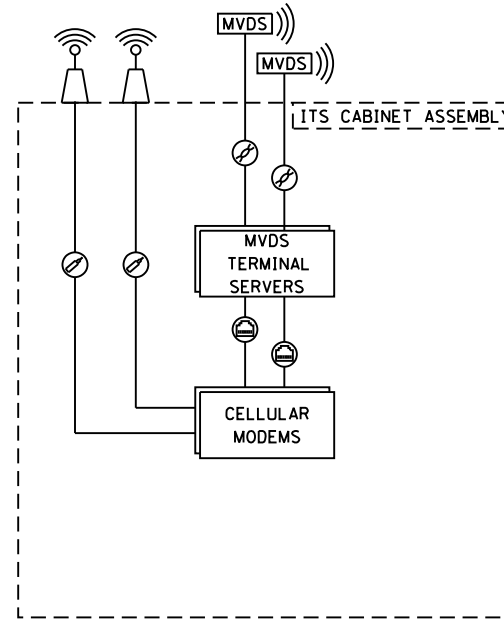
SITE #14

STA. 1039+63 105' LT
M.P. 17.89
SHEET ITS-16



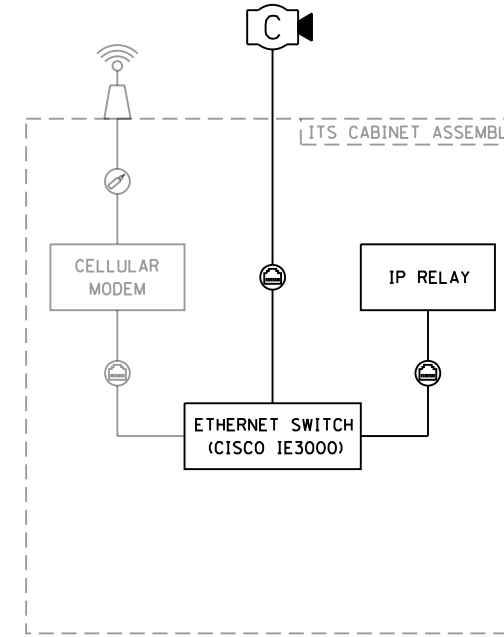
SITE #15

STA. 1108+23 115' RT
M.P. 19.20
SHEET ITS-17



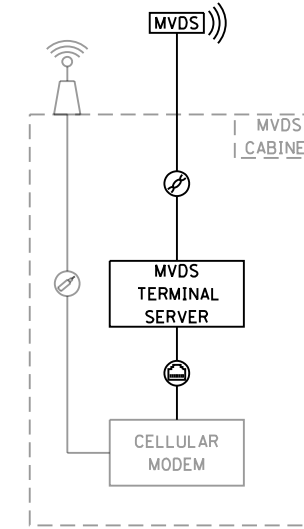
SITE #18

STA. 1230+17 127' RT
M.P. 21.50
SHEET ITS-19



SITE #19

STA. 1249+32 90' RT
M.P. 21.87
SHEET ITS-20



LEGEND

- FIBER OPTIC CABLE
- CAT 6 CABLE
- FIBER OPTIC PATCH CABLE
- COAXIAL CABLE
- TWISTED-PAIR COPPER CABLE
- FIBER OPTIC TRANSCEIVER - MULTIMODE
- CCTV CAMERA
- MICROWAVE VEHICLE DETECTION SYSTEM
- CELLULAR MODEM ANTENNA

DARK LINES INDICATE ITEMS TO BE INSTALLED.
SHADED LINES INDICATE EXISTING ITEMS TO REMAIN.

NOTES:

1. PLAZA TO PLAZA DIRECT COMMUNICATION LINKS NOT SHOWN FOR CLARITY.
2. HANDHOLES ONLY SHOWN AT KEY POINTS FOR CLARITY.

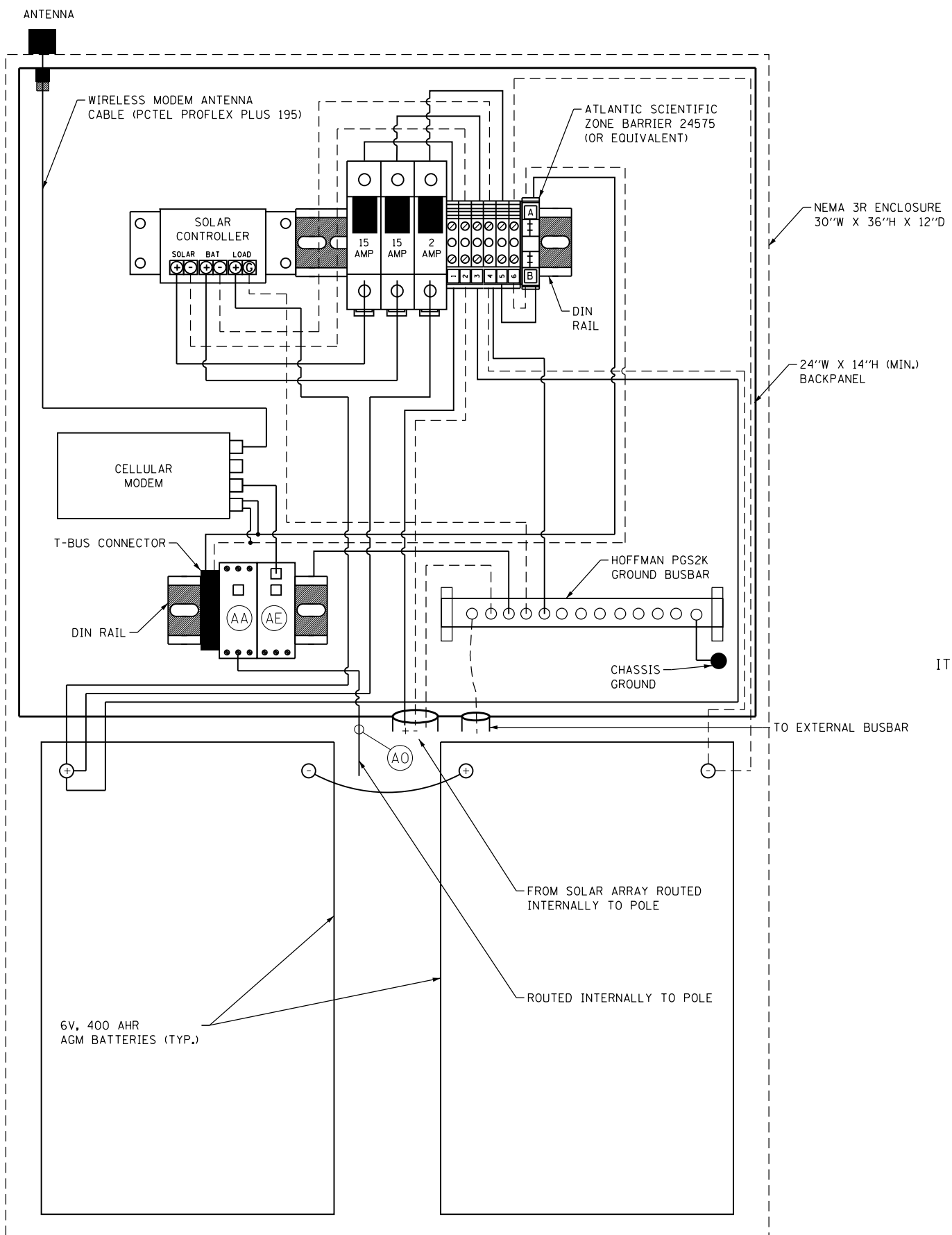
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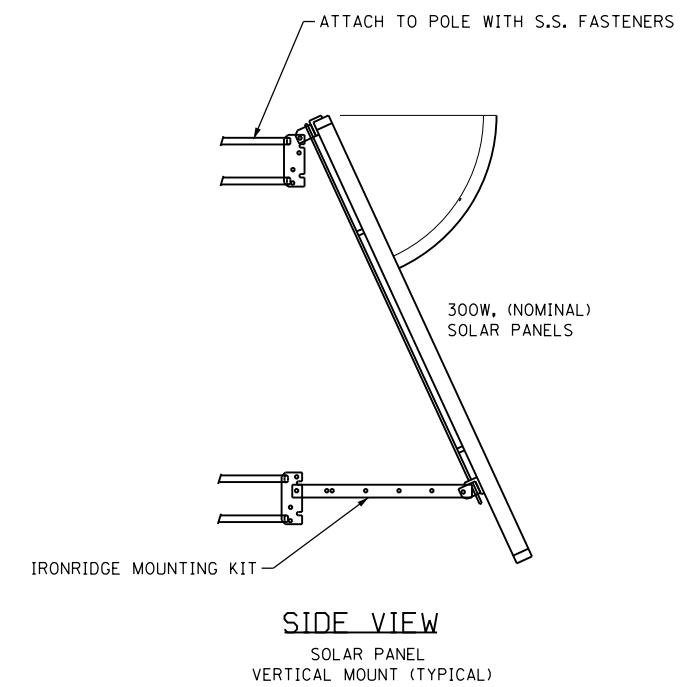
CONTRACT NO. RR-16-4255
COMMUNICATIONS SINGLE LINE DIAGRAM
ITS-23
DRAWING NO. 732 OF 1517



NOTES:

1. SOLAR PANELS SHALL BE OPENED 186 DEGREES FROM MAGNETIC NORTH AND SHALL BE TILTED 57 DEGREES (+/-0 DEGREES) FROM THE HORIZON.
2. MOUNT CABINET ON SIDE OF POLE DOWNSTREAM OF TRAFFIC WHERE PRACTICAL.
3. ALL GROUNDS SHALL BE CONNECTED TO THE GROUND BUSBAR. THIS INCLUDES THE BACKPLATE, ANY EQUIPMENT AND SURGE PROTECTION DEVICES. A #2 STRANDED WIRE GROUND CABLE SHALL BE UTILIZED TO CONNECT THE CABINET GROUND BUSBAR TO THE EXTERNAL POLE MOUNTED GROUND BUSBAR. ATTACHMENT TO THE POLE SHALL UTILIZE A 1/4" STAINLESS STEEL HEX HEAD NUT AND BOLT INCLUDING A RING CONNECTOR. THE GROUND WIRE SHALL BE ROUTED EXTERNAL TO POLE. THE EXTERNAL GROUND BUSBAR SHALL BE CONNECTED TO GROUND ROD UTILIZING A #2 BARE TINNED GROUND CABLE. EXOTHERMIC WELDS SHALL BE USED ON THE EXTERNAL GROUND BUSBAR ALONG WITH THE CONNECTION AT THE GROUND ROD. PVC SHALL BE SECURED TO THE POLE.
4. POLE MUST BE LOCATED OUTSIDE THE CLEAR ZONE OR IN AREAS SHIELDED BY BARRIER.
5. THE POLE BASE AND FOUNDATION SHALL BE SEALED USING 3/4" POLE BASE PLATE (SIZED TO MATCH HELIX FOUNDATION PLATE) TO PREVENT RODENT ENTRY INTO THE INTERIOR OF THE POLE.
6. THE HELIX FOUNDATION SHALL BE INSTALLED WITH ITS AXIS PLUMB AND BACKFILLED TO COVER EXPOSED OPENINGS IN THE FOUNDATION.
7. PVC CONDUIT TO BE SECURED TO POLE. USE METAL BUSHING TO CONNECT TO ENCLOSURE.
8. ALL RACEWAYS AND ENTRY POINTS SHALL BE SEALED WITH ELECTRICAL PUTTY AFTER INSTALLATION.
9. MODEM SHALL BE MOUNTED TO BACK PANEL.
10. ALL CABLES SHALL ENTER THE ENCLOSURE FROM THE BOTTOM.

ITEM	DESCRIPTION
AA	SENSOR SURGE SUPPRESSION, WAVETRONIX - CLICK-200 OR ISS ZONE BARRIER ZB24510
AE	RS-232 / RS-485 TO ETHERNET CONVERTOR WAVETRONIX - CLICK-3010R ISS-MOXA P5150A, OK-35A
A0	MVDS CABLE, WAVETRONIX - WX-SS-706-60 OR ISS G4-CBL-60



TYPICAL ELECTRONICS CABINET LAYOUT
(NOT TO SCALE)

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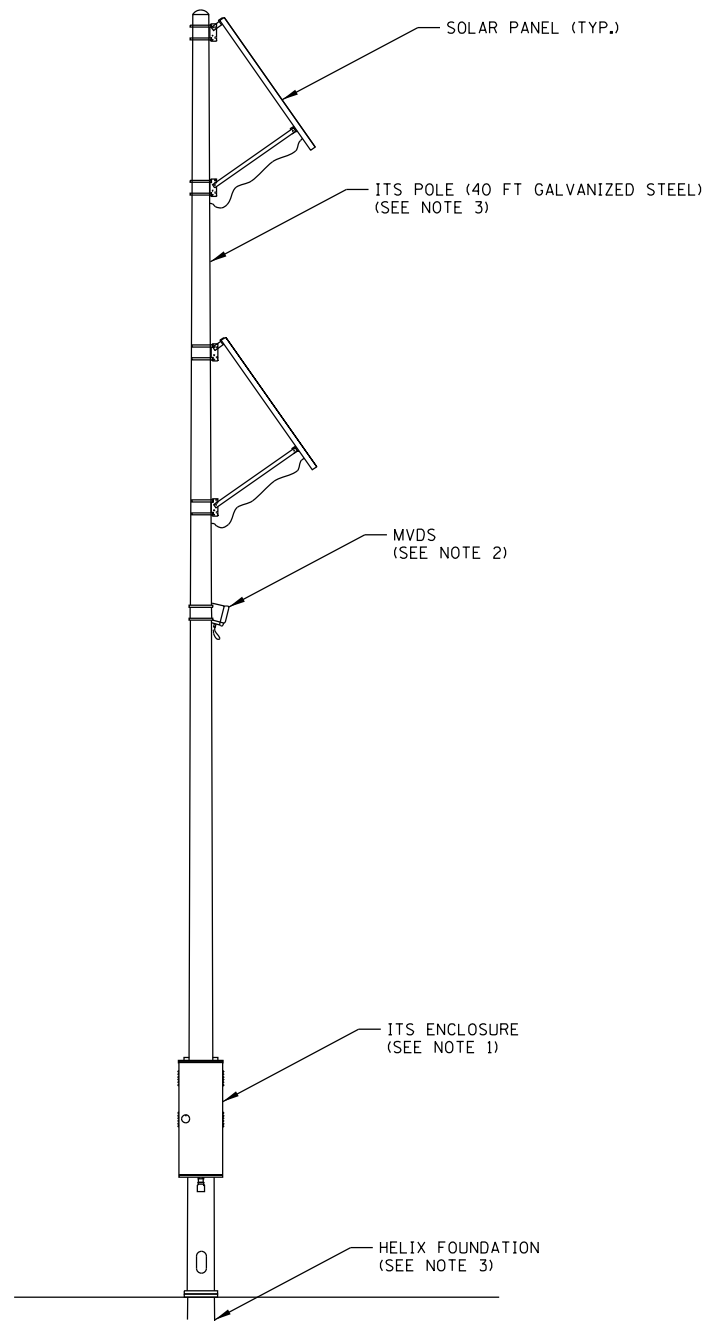
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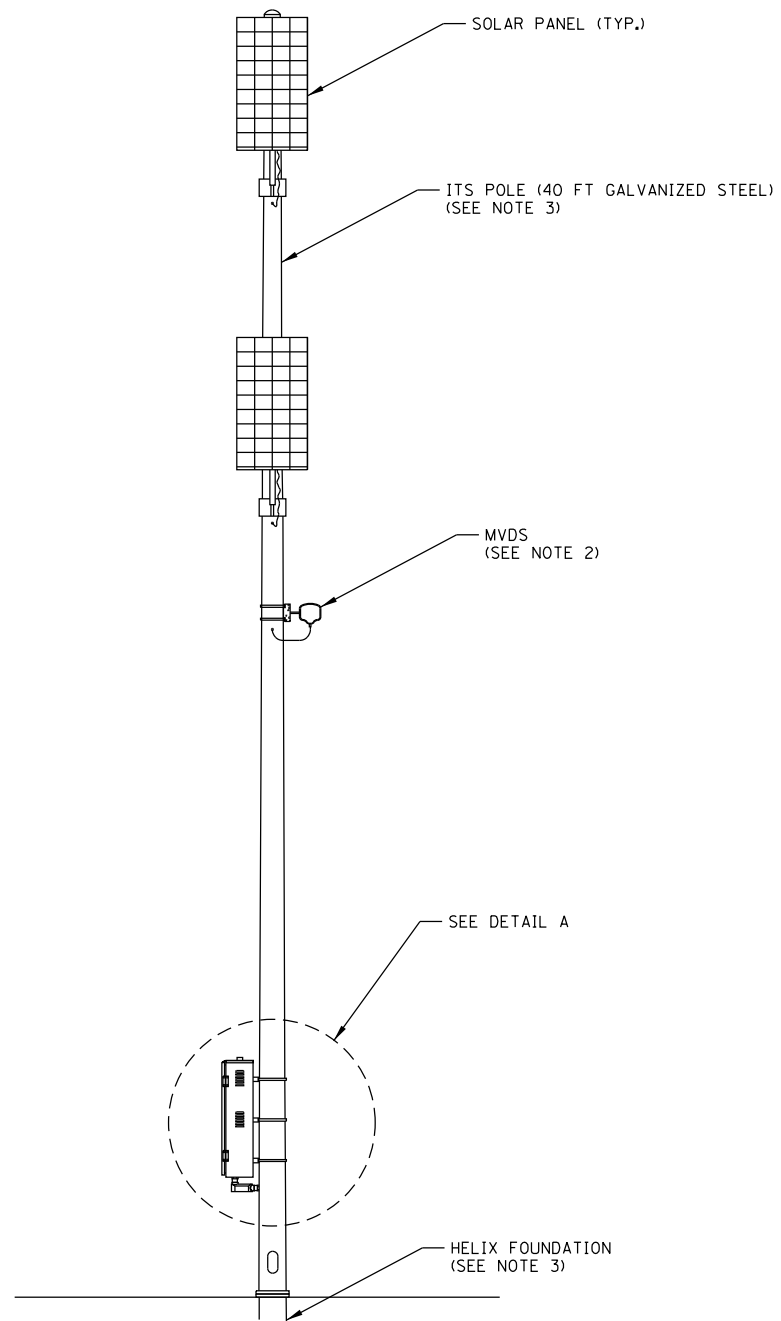
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NO.	DATE

CONTRACT NO. RR-16-4255
 TYPICAL CABINET WIRING DIAGRAM
 SOLAR POWERED MVDS

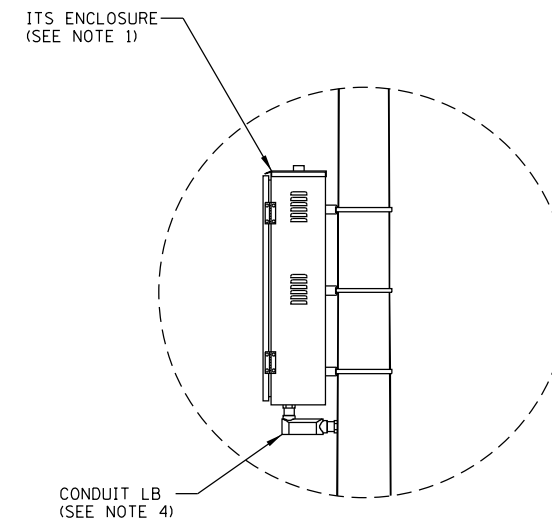
ITS-24
 DRAWING NO.
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ITS POLE (FRONT VIEW)
NOT TO SCALE



ITS POLE (SIDE VIEW)
NOT TO SCALE



DETAIL A
NOT TO SCALE

NOTES:

1. THE SIZE OF THE ENCLOSURE VARIES BY SITE. REMOVE THE ITS ENCLOSURE AT LOCATIONS WHERE POLES ARE CALLED OUT FOR REMOVAL ON THE "ITS SITE PLAN" SHEETS.
2. REMOVE THE MVDS AND INSTALL A NEW MVDS AS SHOWN ON THE "ITS SITE PLAN" SHEETS. AT LOCATIONS WHERE POLES ARE CALLED OUT FOR REMOVAL THE NEW MVDS SHALL BE INSTALLED ON THE NEARBY CCTV CAMERA POLE AS SHOWN ON THE "ITS SITE PLAN" SHEETS.
3. ITS POLE AND FOUNDATION SHALL BE REMOVED AT LOCATIONS CALLED OUT FOR REMOVAL ON THE "ITS SITE PLAN" SHEETS. AT ALL OTHER LOCATIONS, THE POLE AND FOUNDATION SHALL REMAIN IN PLACE.
4. REMOVE CONDUIT LB AND REPLACE WITH A NEW CONDUIT LB AS DIRECTED BY THE ENGINEER. THIS WORK IS INCLUDED IN PAY ITEMS "REMOVE MICROWAVE VEHICLE DETECTION ASSEMBLY" (JT135006) AND "MICROWAVE VEHICLE DETECTION SYSTEM (MVDS), ITS ASSEMBLY" (JT132845). DISCONNECT THE EXISTING SOLAR PANEL CABLES PRIOR TO REMOVING THE CONDUIT LB. THE CONTRACTOR SHALL VERIFY THE SIZE OF THE EXISTING CONDUIT LB PRIOR TO REMOVING AND ORDERING THE NEW CONDUIT LB.

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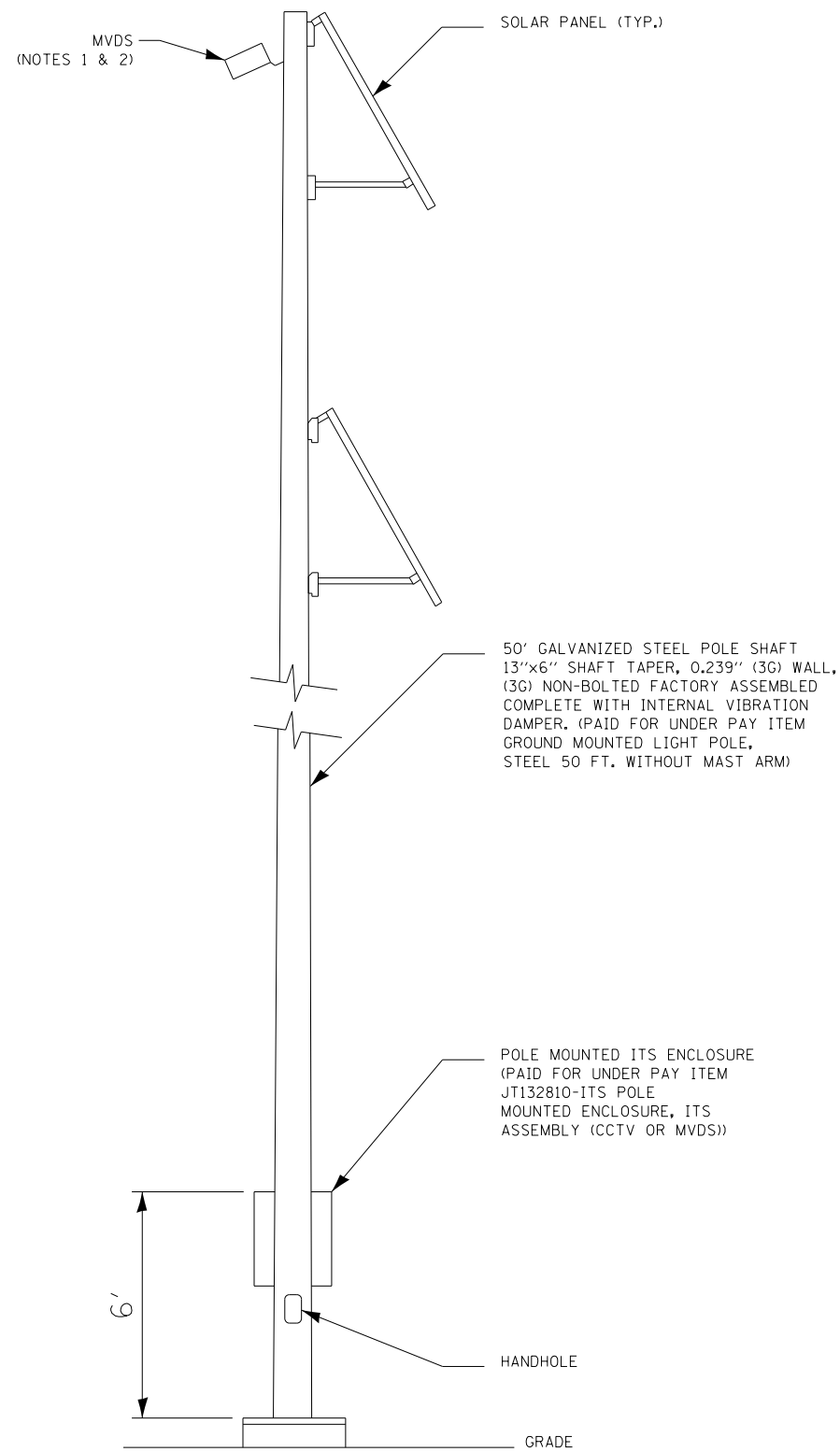
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CONTRACT NO. RR-16-4255
TYPICAL MVDS REMOVAL/
REPLACEMENT DETAIL

ITS-25
DRAWING NO.
734 OF 1517

MVDS NOTES:

1. FINAL PLACEMENT HEIGHT OF THE MVDS SHALL BE BASED ON SITE CONDITIONS. REFER TO THE MVDS MANUFACTURER'S INSTALLATION GUIDE FOR RECOMMENDATIONS. THE HEIGHT SHALL BE APPROVED BY THE ENGINEER. THE MVDS SHALL BE PERPENDICULARLY ALIGNED TO THE ROADWAY IT IS INTENDING TO BE SENSING.
2. TWO MVDS UNITS ARE REQUIRED FOR THE FOLLOWING APPLICATIONS:
 - A) GATHER DATA FROM A MAINLINE ROADWAY SENSOR APPLICATION THAT REQUIRES TWO SENSORS.
 - B) ONE MVDS MAY BE UTILIZED FOR MAINLINE ROADWAY SENSING, WHILE THE SECOND IS UTILIZED FOR RAMP COUNTING OR ROD. THE CONTRACTOR SHALL ORIENT THE MVDS UNITS PERPENDICULAR TO THE ROADWAY BEING DETECTED.



50' STEEL POLE MOUNTED ITS ELEMENT ASSEMBLY

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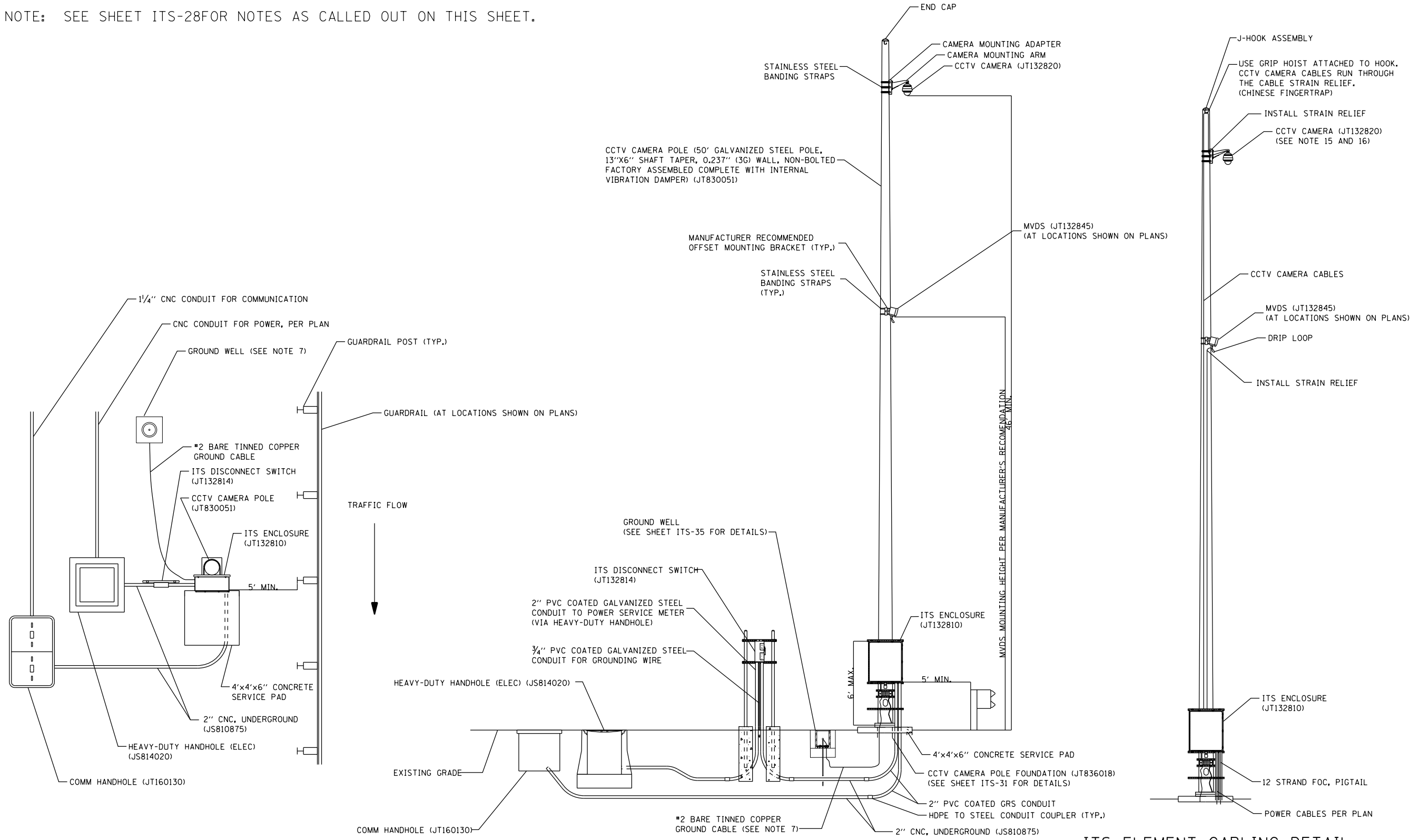
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CONTRACT NO. RR-16-4255
 TYPICAL MVDS INSTALLATION DETAILS

ITS-26
 DRAWING NO.
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NOTE: SEE SHEET ITS-28 FOR NOTES AS CALLED OUT ON THIS SHEET.



ITS ELEMENT POLE INSTALLATION DETAIL
PLAN VIEW

ITS ELEMENT INSTALLATION DETAIL
ELEVATION VIEW

ITS ELEMENT CABLING DETAIL

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CONTRACT NO. RR-16-4255
ITS POLE, CCTV CAMERA AND MVDS
MOUNTING DETAILS (SHEET 1 OF 2)

ITS-27
DRAWING NO.
736 OF 1517

GENERAL NOTES:

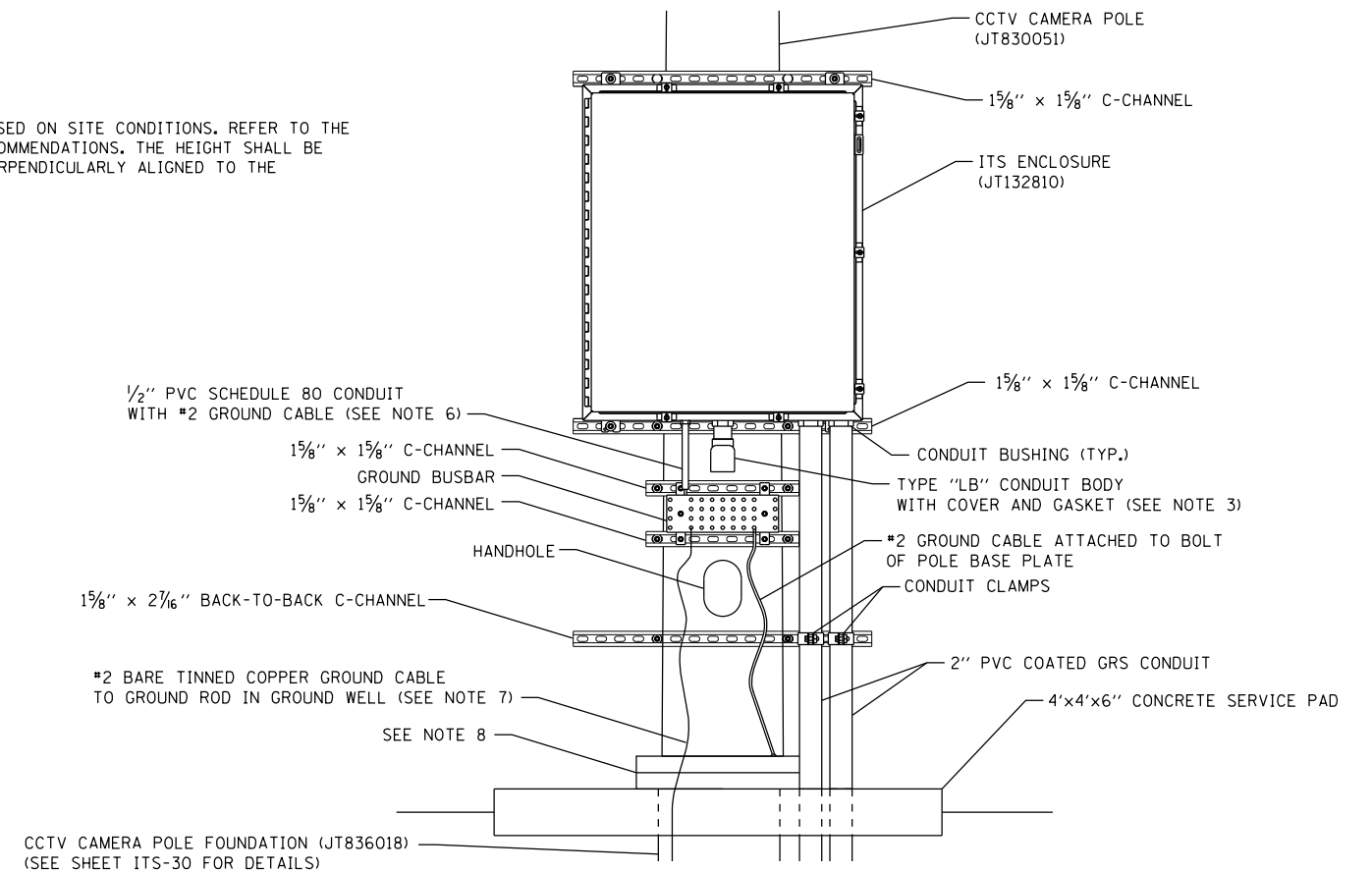
- ITS ELEMENT POLES SHIELDED BY GUARDRAIL SHALL BE LOCATED A MINIMUM OF 5' TO A MAXIMUM OF 20' BEHIND THE GUARDRAIL POST. SEE ILLINOIS TOLLWAY GUARDRAIL STANDARD (SECTION C OF STANDARDS) FOR MORE INFORMATION. ALL OTHER POLES SHALL BE LOCATED OUTSIDE THE CLEAR ZONE. FINAL LOCATION TO BE APPROVED BY THE ENGINEER.
- ANY GROUND CABLES ROUTED INSIDE THE ENCLOSURE SHALL BE GREEN INSULATED TYPE RHW CONDUCTORS. ANY GROUND CONDUCTORS THAT ARE BURIED SHALL BE BARE COPPER TINNED. ANY GROUND CONNECTED TO THE EXTERNAL GROUND BUSBAR SHALL BE EXOTHERMICALLY WELDED TO THE BUSBAR. PVC SCH 80 CONDUIT SHOULD BE GROMMETTED ON END GOING TO BUSBAR TO PREVENT RODENTS AND INSECTS FROM ENTERING.
- PROVIDE A 1/2" ALUMINUM CONDUIT NIPPLE WITH LB FITTING FOR ROUTING ITS ELEMENT CABLES INSIDE THE POLE TO THE EQUIPMENT ENCLOSURE. DRILL AND TAP POLE FOR THE CONDUIT NIPPLE. CABLE SLACK SHALL BE PULLED AND FASTENED WITHIN THE TOP OF THE POLE. PROPER CABLE STRAIN RELIEF SHALL BE INSTALLED AND APPROVED BY THE ENGINEER. ALL CABLE RUN INSIDE THE POLE SHALL NOT HANG BELOW THE TOP OF THE HANDHOLE COVER ON THE POLE.
- ALL CONDUITS ENTERING THE ENCLOSURE SHALL BE SEALED WITH DUCT SEAL PUTTY TO PREVENT RODENTS OR INSECTS FROM ENTERING THE ENCLOSURE. THE LB FITTING FROM THE POLE TO THE ENCLOSURE SHALL BE SEALED ON THE POLE SIDE AND THE ENCLOSURE SIDE. UPON COMPLETION OF INSTALLATION, ALL OPEN CONDUITS SHALL BE FILLED WITH 4 INCHES OF STEEL WOOL AND 4 INCHES OF SPRAY FOAM SEALANT TO SEAL GAPS AND CRACKS, FOR RODENT PROTECTION. THIS WORK IS INCLUDED IN ITS POLE-MOUNTED ENCLOSURE (CCTV OR MVDS) (JT132810).
- CONTRACTOR TO PROVIDE ALL POWER, COMMUNICATIONS AND GROUND WIRING REQUIRED FOR SYSTEM OPERATION. THIS WORK IS INCLUDED IN ITS POLE-MOUNTED ENCLOSURE (CCTV OR MVDS) (JT132810).
- ATTACH PVC SCH 80 CONDUIT TO POLE FOR SUPPORT. USE METAL BUSHING WHEN CONNECTING PVC TO CABINET. USE GROMMETS AT BOTH ENDS OF CONDUIT TO SEAL CONDUIT BUT ALLOW GROUND CABLE TO RUN THROUGH BOTH ENDS.
- GROUND ROD SHALL BE PLACED A MINIMUM OF 10' FROM THE FOUNDATION. A GROUND WELL SHALL BE INCLUDED TO PERMIT ACCESS TO THE GROUND ROD CONNECTION. CONNECTION TO THE GROUND BUSBAR AND THE GROUND ROD SHALL BE EXOTHERMICALLY WELDED.
- A FLAT STEEL MESH PANEL ALONG WITH A COMMERCIALY AVAILABLE HYDROPHOBIC LOW DENSITY COMPOSITE BACKFILL MATERIAL (KNOWN AS Q-SET 250) SHALL BE INSTALLED BETWEEN THE ANCHOR BASE AND THE POLE TO PREVENT THE ENTRY OF RODENTS INTO THE POLE. SEE SPECIAL PROVISIONS FOR MORE DETAILS.
- BACKFILL PER ILLINOIS TOLLWAY STANDARD H1. BACKFILL SHALL BE TO THE TOP OF THE POLE BASE ON ALL SIDES.
- ALL CABLING (INCLUDING CABLING INSIDE THE ENCLOSURE) IS OUTDOOR RATED. CAMERA CABLE PART NUMBERS ARE: CAT-6E CABLE (BELDEN CATALOG NO. 7953A) AND #14 AWG 3/C CCTV POWER CABLE (BELDEN CATALOG NO. 9367). THE GROUND WIRE (WHITE) IN THE 3/C #14 AWG POWER CABLE SHALL BE TAPED GREEN. ANY OTHER ITS ELEMENT WILL USE SPECIFIC CABLE ASSOCIATED TO THAT ELEMENT.
- THE J-HOOK SHALL BE WELDED IN PLACE TO THE SIDE OF THE POLE, NEAR THE TOP OF THE POLE. THE CONTRACTOR SHALL PROVIDE A CUSTOM FLAT TOP POLE CAP THAT WILL FIT THE POLE TOP WITH THE J-HOOK WELDED TO THE SIDE. THE POLE CAP SHALL BE SECURED TO THE POLE BY DRILLING AND INSERTING SET SCREWS.
- CONSTRUCT A 4'x4'x6" CONCRETE SERVICE PAD AT ALL LOCATIONS. THIS WORK IS INCLUDED IN ITS POLE-MOUNTED ENCLOSURE (CCTV OR MVDS) (JT132810). SEE SHEET ITS-30 FOR CONCRETE SERVICE PAD DETAILS AT LOCATIONS WITH CROSS SLOPES GREATER THAN 4:1 (H:V). ALL SLOPE RATIOS ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (V:H).
- THREE WEEKS PRIOR TO INSTALLING ANY CCTV CAMERAS, MVDS, SWITCHES, OR TOLLWAY ITS UNIT, THE CONTRACTOR SHALL COORDINATE DEVICE CONFIGURATION WITH THE ENGINEER.
- THE DISCONNECT SWITCH, SUPPORT, AND ASSOCIATED CONDUIT SHALL BE INSTALLED FOR ITS SITES WHERE THE UTILITY SERVICE INSTALLATION IS GREATER THAN 500 FEET FROM THE ITS SITE OR LOCATED ON THE OPPOSITE SIDE OF THE ROADWAY FROM THE ITS SITE.

CCTV NOTES:

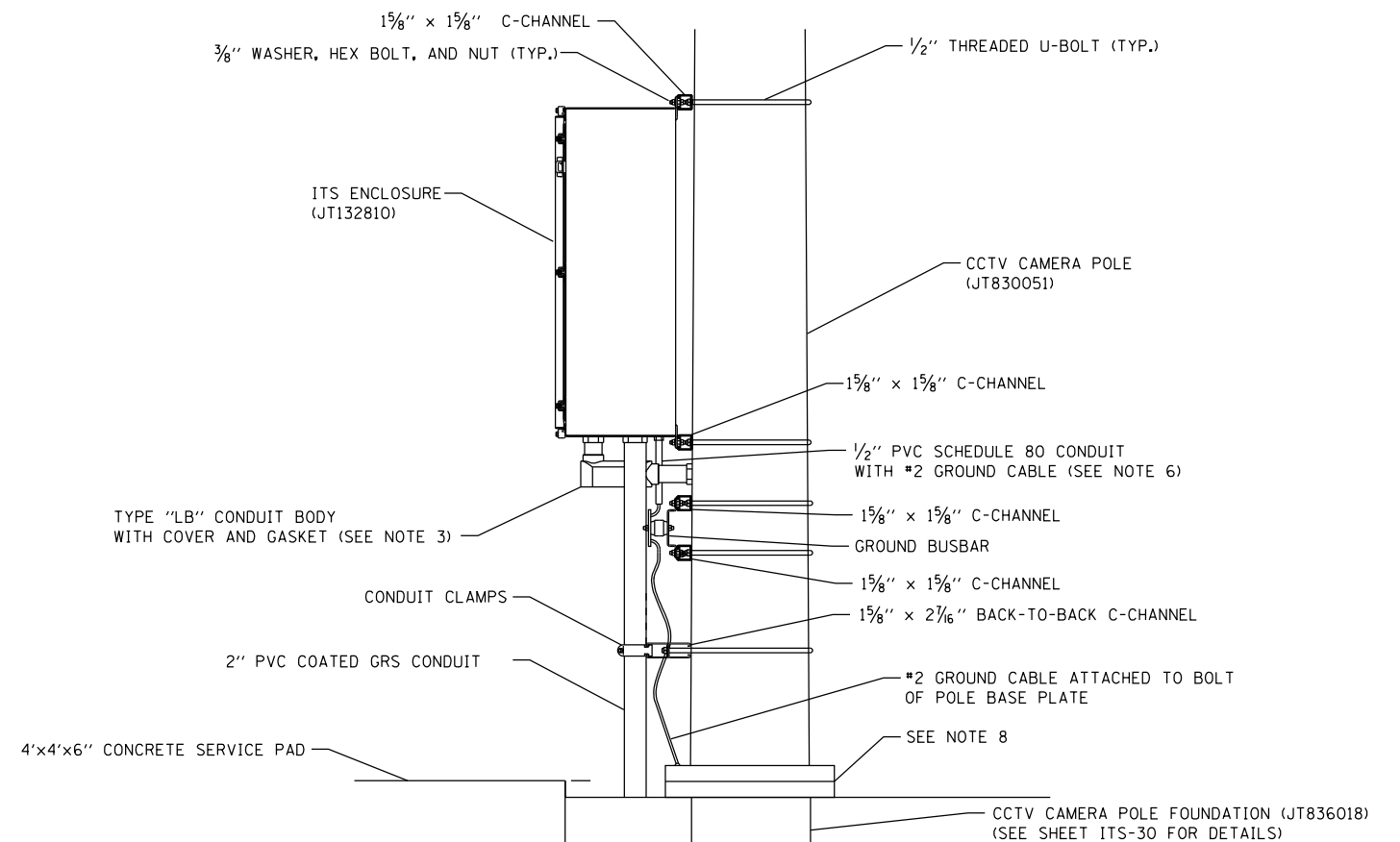
- FINAL PLACEMENT HEIGHTS OF THE CCTV CAMERAS SHALL BE BASED ON SITE CONDITIONS, ILLINOIS TOLLWAY OPERATIONAL NEEDS, AND AS PER MANUFACTURER'S MOUNTING RECOMMENDATIONS. THE HEIGHT SHALL BE APPROVED BY THE ENGINEER ONLY AFTER REVIEW BY ILLINOIS TOLLWAY ITS OPERATIONS.
- CONTRACTOR TO SEAL THE CAMERA HOUSING PER THE MANUFACTURER'S RECOMMENDATION. REFER TO SPECIFIC MANUFACTURER INSTRUCTIONS AND CONTRACT SPECIFICATION FOR DETAILS.

MVDS NOTES:

- FINAL PLACEMENT HEIGHT OF THE MVDS SHALL BE BASED ON SITE CONDITIONS. REFER TO THE MVDS MANUFACTURER'S INSTALLATION GUIDE FOR RECOMMENDATIONS. THE HEIGHT SHALL BE APPROVED BY THE ENGINEER. THE MVDS SHALL BE PERPENDICULARLY ALIGNED TO THE ROADWAY IT IS INTENDING TO BE SENSING.



ITS ENCLOSURE - FRONT VIEW



ITS ENCLOSURE - SIDE VIEW

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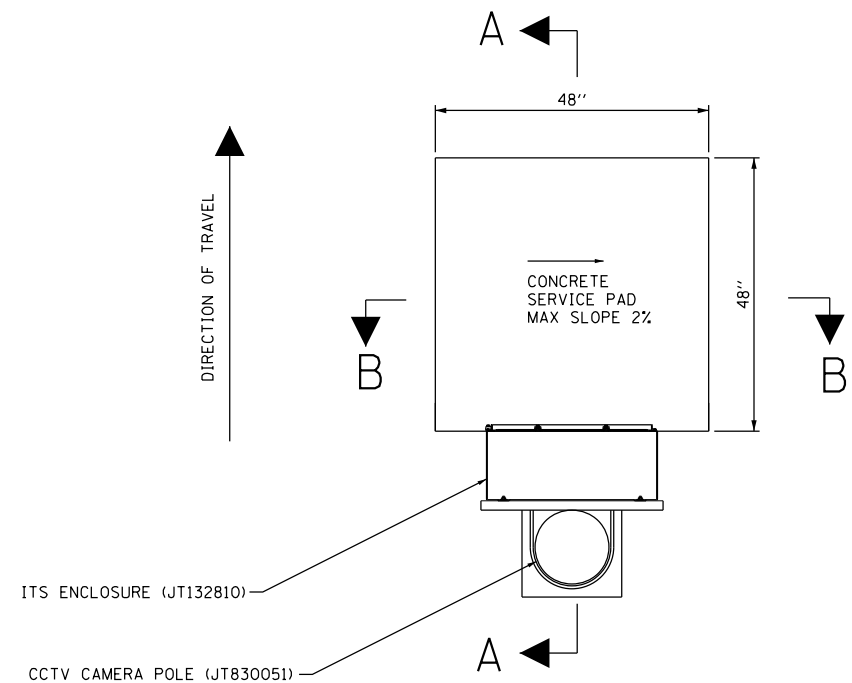
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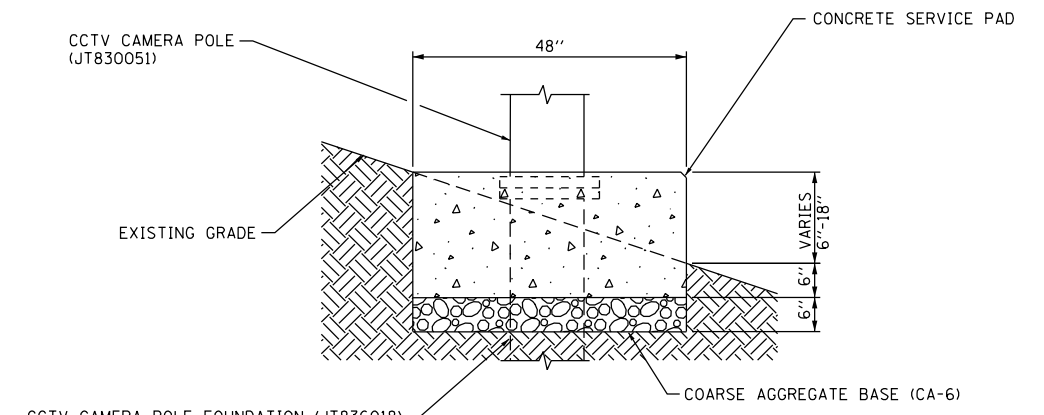
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NO.	DESCRIPTION

CONTRACT NO. RR-16-4255
 ITS POLE, CCTV CAMERA AND MVDS
 MOUNTING DETAILS (SHEET 2 OF 2)

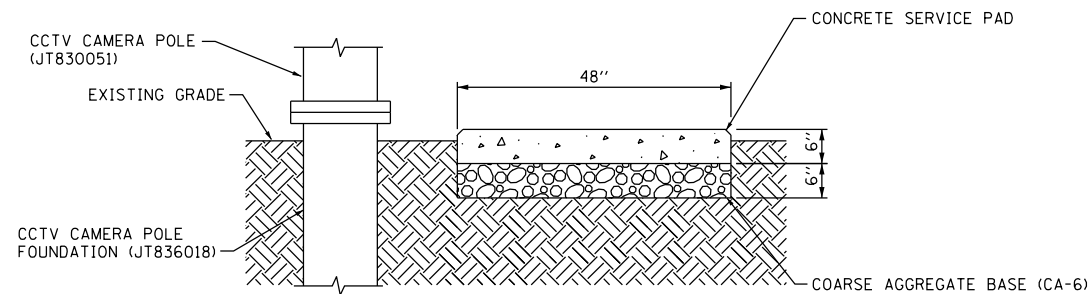
ITS-28
 DRAWING NO.
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**CONCRETE SERVICE PAD FOR CCTV CAMERA POLE
PLAN VIEW**



SECTION B-B



SECTION A-A

NOTES:

1. WHEN A CCTV CAMERA POLE IS INSTALLED ON SLOPES UP TO AND INCLUDING 4:1 (H:V), A CONCRETE SERVICE PAD SHALL BE INSTALLED FOR MAINTENANCE (MAX. SLOPE 2%). AT CAMERA POLE LOCATIONS ON SLOPES STEEPER THAN 4:1, THE CONCRETE SERVICE PAD FOR CCTV CAMERA POLE DETAILS ON THIS SHEET SHALL BE UTILIZED.
2. CONCRETE SHALL BE IDOT CLASS SI.
3. ALL EXPOSED CONCRETE EDGES SHALL HAVE A 1" MINIMUM CHAMFER.
4. ALL WORK SHOWN FOR CONCRETE SERVICE PAD FOR CCTV CAMERA POLE IS INCLUDED IN PAY ITEM "ITS POLE MOUNTED ENCLOSURE (CCTV OR MVDS)" (JT132810).

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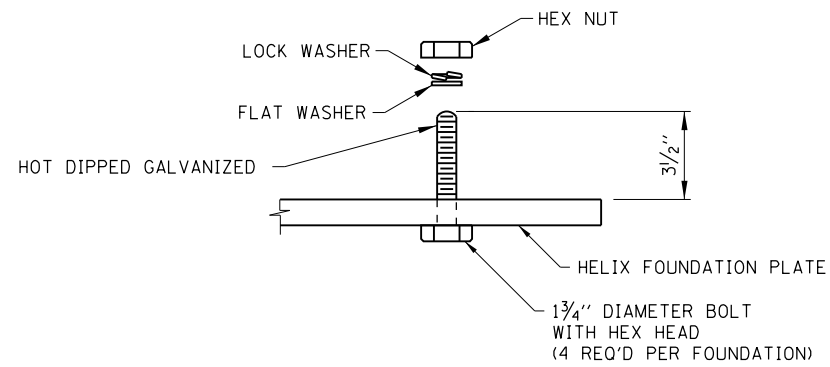
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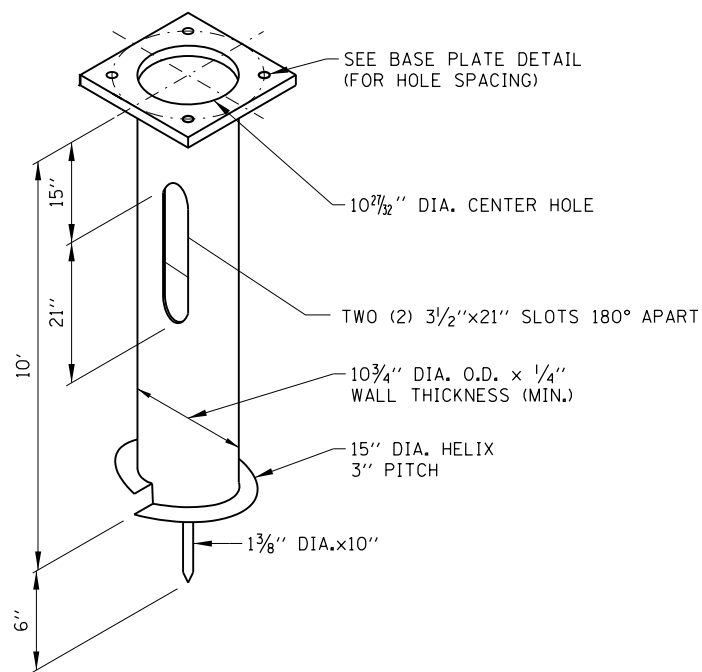
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CONTRACT NO. RR-16-4255
GRADED SERVICE PAD DETAILS

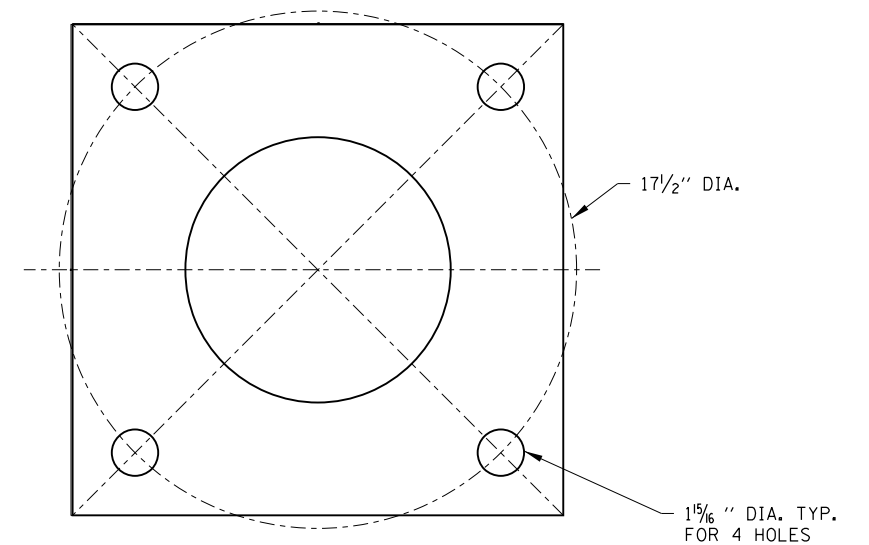
ITS-29
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BASE ATTACHMENT DETAIL
17 1/2" BASE DIA.



ISOMETRIC



BASE PLATE

HELIX - GROUND MOUNTED ASSEMBLY

NOT TO SCALE

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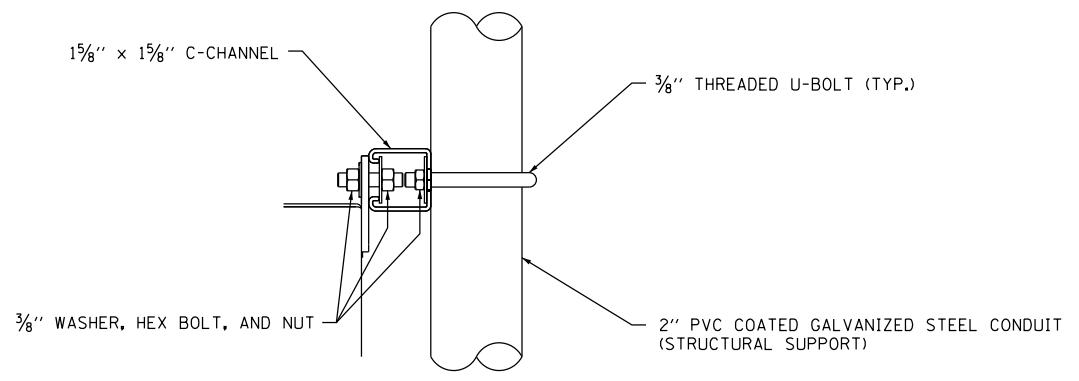
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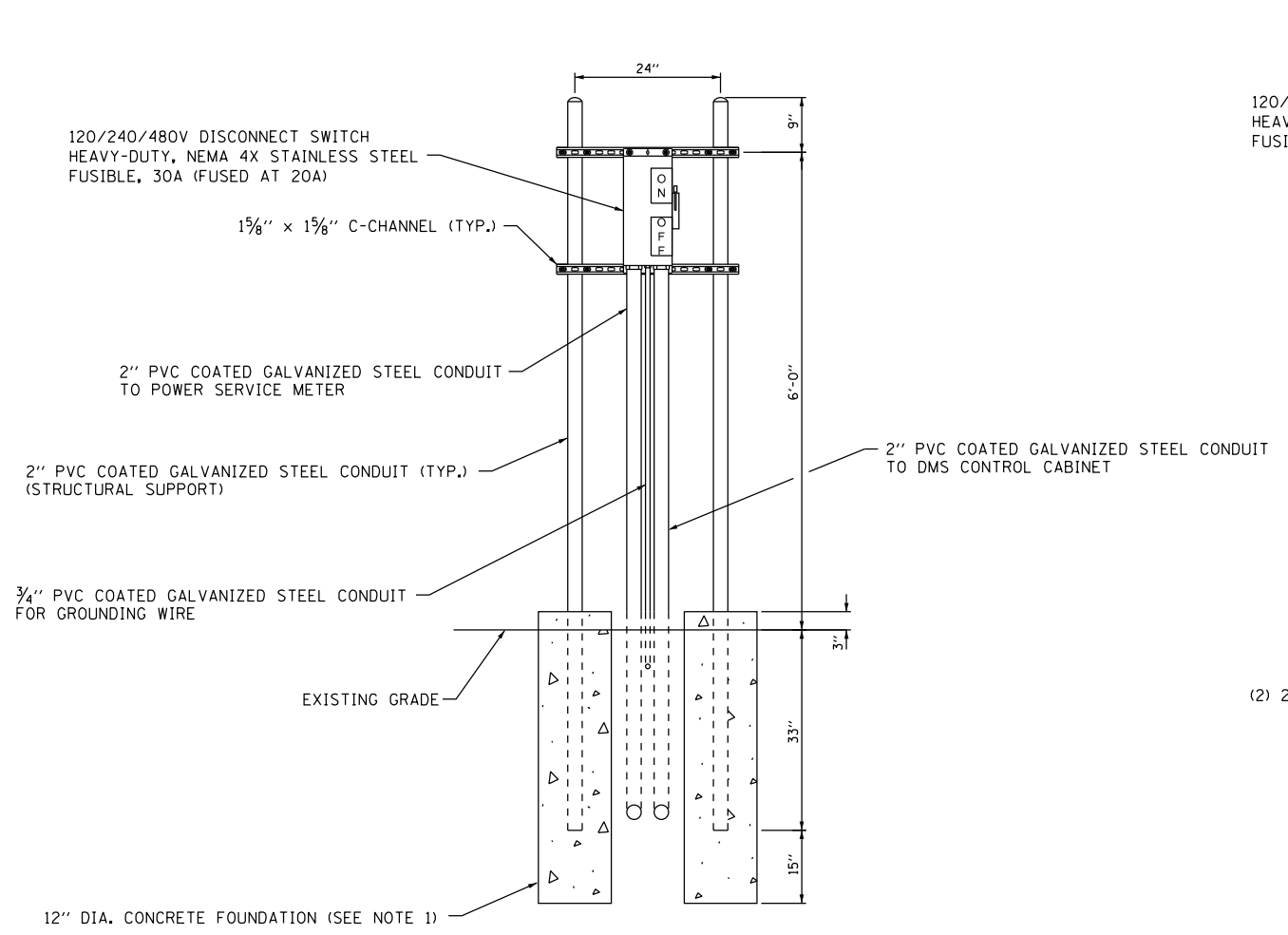
CONTRACT NO. RR-16-4255
 TYPICAL ITS POLE FOUNDATION

ITS-30
 DRAWING NO.
 739 OF 1517

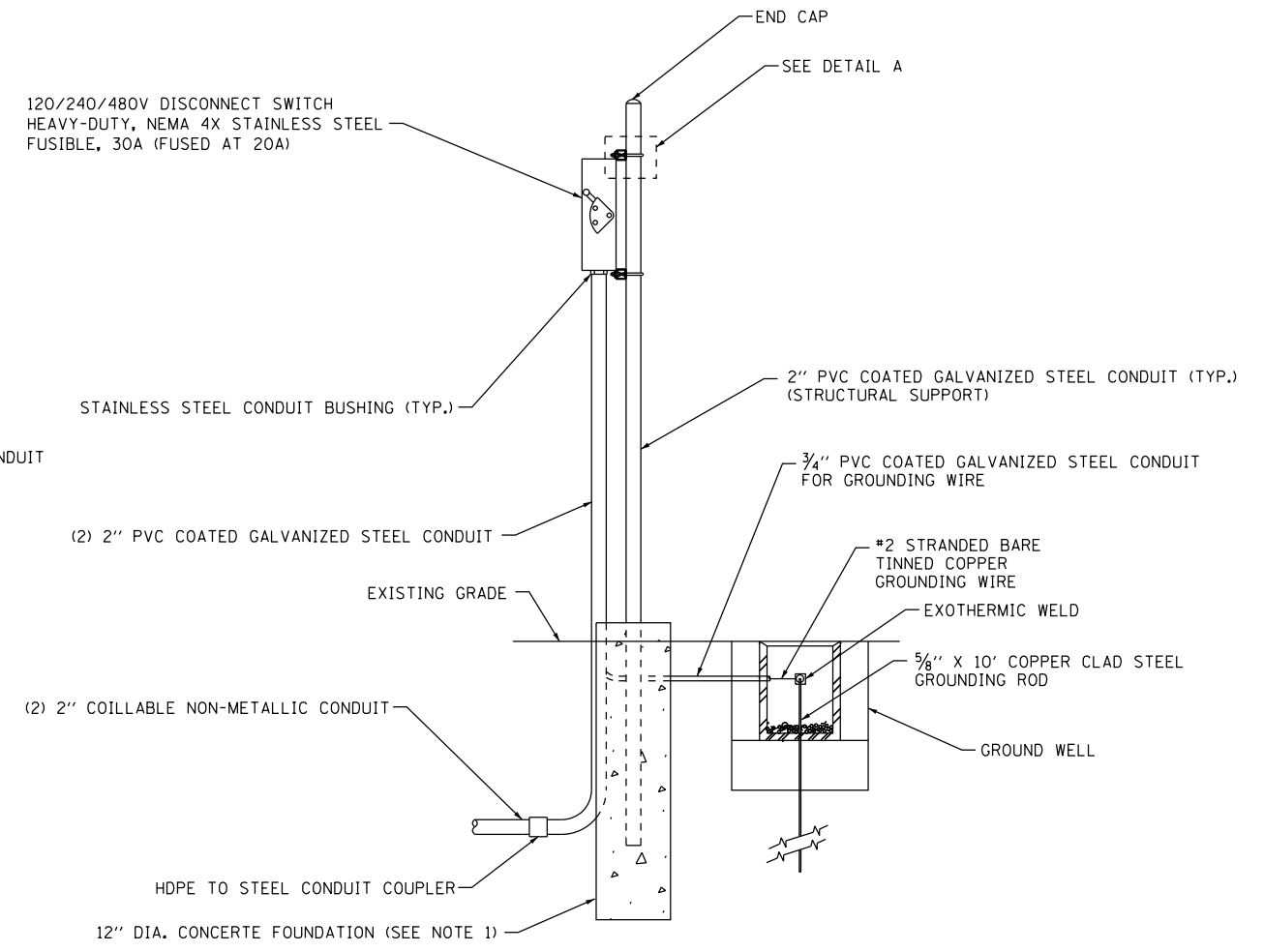


DETAIL A - TYPICAL MOUNTING ATTACHMENT CONNECTION

- NOTES:
1. CONTRACTOR MAY ELECT TO CONSTRUCT A SINGLE, MONOLITHIC FOUNDATION IN PLACE OF THE FOUNDATION SHOWN ON THIS SHEET. CONTRACTOR SHALL SUBMIT ALTERNATE FOUNDATION DESIGN TO ENGINEER PRIOR TO CONSTRUCTION.
 2. ALL CONCRETE SHALL BE IDOT CLASS S1.
 3. DISCONNECT SWITCH, POSTS, FOUNDATION, AND MOUNTING HARDWARE ARE INCLUDED IN PAY ITEM "ITS FRAME MOUNTED DISCONNECT SWITCH" (JT132815).
 4. DETAILS SHOWN IN THIS DRAWING APPLY ONLY TO LOCATIONS WHERE A STANDALONE DISCONNECT SWITCH IS REQUIRED AT AN ITS POLE.



DISCONNECT SWITCH ON ELECTRICAL FRAME
FRONT VIEW



DISCONNECT SWITCH ON ELECTRICAL FRAME
SIDE VIEW

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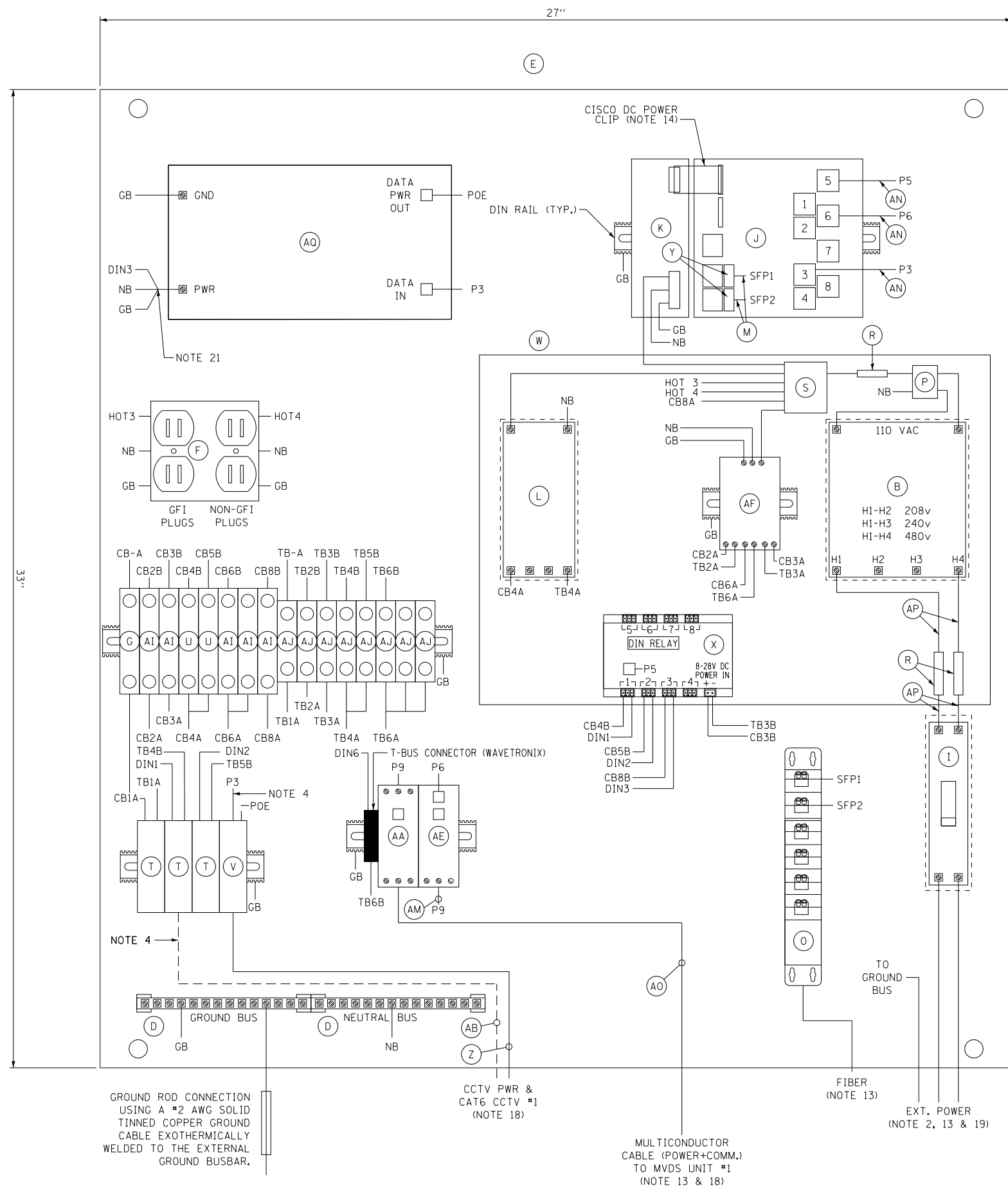
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CONTRACT NO. RR-16-4255
ITS DISCONNECT SWITCH
ON ELECTRICAL FRAME WITH FOUNDATION

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DRAWING NO.
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- ITEM DESCRIPTION
- A NOT USED FOR THIS SHEET APPLICATION
 - B CONTROL POWER TRANSFORMER, 1000VA, 208/240/480-120VAC, 1PH SQUARE D/CLASS 9070 - T1000 D95
 - C NOT USED FOR THIS SHEET APPLICATION
 - D TWO (2) GROUNDING BAR SYSTEM HOFFMAN/PGS2K, BONDED OR SEPARATED AS REQUIRED.
 - E NEMA 4X STAINLESS STEEL, 36"H X 30"W X 12"D ENCLOSURE WITH 33"X27" PANEL, HOFFMAN/A36H3012SS6LP & A36P30
 - F TWO DUPLEX 120V RECEPTACLES, ONE GFCI AND NON-GFI (SEE NOTE 9) HUBBELL/GFR5362 & BR20WR
 - G 24VDC, 1P, 15A CIRCUIT BREAKER SCHNEIDER ELECTRIC/MGN61510
 - H NOT USED FOR THIS SHEET APPLICATION
 - I 480V, 2P, 30A CIRCUIT BREAKER WITH TERMINAL SHIELD EATON/HFD2030L & 625B229G07
 - J 8 ELECTRICAL PORT AND TWO FOC PORT SWITCH CISCO MODEL CISCO/IE-3000-8TC-E
 - K CISCO POWER SUPPLY, CISCO/PWR-IE-3000-AC-
 - L CONTROL POWER TRANSFORMER, 250VA, 120-24VAC, 1PH SQUARE D/CLASS 9070-T250D13
 - M 2 METER - MMFO LC-LC DUPLEX JUMPERS, CORNING/050502K5220002M
 - N NOT USED FOR THIS SHEET APPLICATION
 - O MMF PATCH PANEL WITH LC CONNECTORS FIBER CONNECTIONS G610U012LAN-100-0
 - P 120VAC SURGE SUPPRESSOR, MOUNTED ON DIN RAIL COOPER CROUSE HINDS/MA15/D/1/SI OR APPROVED EQUAL
 - Q PANDUIT WIRING DUCT (OR EQUIVALENT) PANDUIT/FIXILG6 WITH COVER-CILG6
 - R 10 AMP FUSE, GOULD (MERSEN)/ATM-10
 - S SPLICE BLOCK, ALTECH/38041
 - T 24VAC/VDC SURGE SUPPRESSOR, MOUNTED ON DIN RAIL MTL INSTRUMENTS/ZB24580
 - U 5A CIRCUIT BREAKER, ALLEN BRADLEY/1492-SPMIB050
 - V CAT6 PoE+ SURGE SUPPRESSOR, MOUNTED ON COMMON DIN RAIL MTL INSTRUMENTS/ZB24597 OR APPROVED EQUAL
 - W CLEAR PLEXIGLASS SAFETY COVER ENCOMPASSING ITEMS L, R, S, B, P, X & AF. (THE INSTALLER SHALL PERMANENTLY AFFIX A LABEL STATING "DANGER 480 VAC" OR "DANGER 240 VAC" OR "DANGER 120 VAC" FOR 120 VAC AS FIELD CONDITIONS WARRANT.)
 - X POWER CONTROLLER, 8-CHANNEL DIN ETHERNET RELAY DIGITAL LOGGERS/DIN 4
 - Y (2) CISCO GLC-FE-100FX-RGD = 100 MBPS MM SFP MODULES
 - Z CATEGORY 6 CABLE, 23AWG, OUTDOOR RATED CABLE BELDEN/7953A
 - AA SENSOR SURGE SUPPRESSION, WAVETRONIX - CLICK-200 OR ISS ZONE BARRIER ZB 24510
 - AB 1 - 3/C #16 CCTV POWER CABLE, OUTDOOR RATED CABLE BELDEN/1034A OR APPROVED EQUAL
 - AC NOT USED FOR THIS SHEET APPLICATION
 - AD NOT USED FOR THIS SHEET APPLICATION
 - AE RS-232 / RS-485 TO ETHERNET CONVERTOR WAVETRONIX - CLICK-301 OR ISS-MOXA P5150A, 0K-35A
 - AF AC/DC POWER SUPPLY, 24VDC WAVETRONIX - CLICK-204 OR ISS LAMBDA DSP100-24
 - AG NOT USED FOR THIS SHEET APPLICATION
 - AH NOT USED FOR THIS SHEET APPLICATION
 - AI 2A CIRCUIT BREAKER, ALLEN BRADLEY/1492-SPMIB020
 - AJ TERMINAL BLOCK, ALLEN BRADLEY/1492-CDB
 - AK NOT USED FOR THIS SHEET APPLICATION
 - AL TRANSFORMER COVERS, SQUARE D/9070FSC2
 - AM 5-CONDUCTOR JUMPER (Tx, Rx, GND, RTS, CTS), RS-232 SERIAL COMMUNICATIONS (APPLICABLE TO ISS/MOXA)
 - AN INDOOR/OUTDOOR RATED CAT6 (1000MBS, TEMPERATURE HARDENED) THESE ARE THE CAT6 CABLES ROUTED INSIDE CABINET
 - AO MVDS CABLE, WAVETRONIX-WX-SS-706-60 OR ISS G4-CBL-60
 - AP #10 AWG
 - AQ PoE INJECTOR AS APPROVED BY CAMERA MANUFACTURER SEE SPECIAL PROVISIONS FOR SPECIFIC MODEL NUMBERS (ONLY REQUIRED FOR PoE CAMERAS)

- NOTES:
1. ALL POWER WIRING SHALL BE RHH/RHW WITH WIRE TERMINALS OR TINNED.
 2. CONTRACTOR TO VERIFY CORRECT TRANSFORMER TAPS ARE USED BASED ON INCOMING POWER SOURCE.
 3. ALL CABLES AND EQUIPMENT SHALL BE PROPERLY DRESSED AND LABELED. ALL CONDUITS SHALL BE PROPERLY PLUGGED WITH DUCT SEAL PUTTY (RAINBOW TECHNOLOGIES OR EQUIVALENT).
 4. SHEET SHOWS BOTH 24VAC AND PoE OPTIONS. CONNECTIONS REQUIRED FOR 24VAC OPTION ONLY ARE DENOTED WITH A DASHED LINE.
 5. EACH 120VAC OUTLET, PS OR TRANSFORMER (ITEM F, K, L, & AF) SHALL BE FED FROM A SEPARATE INPUT LINE.
 6. MOUNT ITEMS J & K ON A 15 INCH CONTINUOUS SECTION OF DIN RAIL. THE DIN RAIL SHALL BE INSTALLED WITH THE CENTER LINE NO LESS THAN 5 INCHES FROM ANY OBSTACLE ABOVE AND NO LESS THAN 4 INCHES FROM ANY OBSTACLE BELOW. ALL DIN RAIL SHALL BE GROUNDED.
 7. ALL CABLES INSTALLED WITHIN THE CABINET AND POLE SHALL BE OUTDOOR RATED.
 8. WIFI COMMUNICATION SHALL BE DISABLED ON DIN ETHERNET RELAY.
 9. THE GFI OUTLETS LOAD SHALL NOT BE CONNECTED TO ANY OTHER LOAD IN THE ENCLOSURE. THE 1900 QUAD BOX GFI'S ARE INTENDED TO BE UTILIZED FOR EXTERNAL EQUIPMENT ONLY. EACH OUTLETS TAB SHALL BE BROKEN SO THEY ARE INDEPENDENT.
 10. ALL BREAKERS SHALL BE LABELED (e.g. CAMERA-AC, CAMERA-DC, DIN RELAY-AC, DIN RELAY-DC, CELL MODEM-AC ETC.).
 11. THE GROUND WIRE IN THE 3/C #16 CCTV POWER CABLE SHALL BE TAPED GREEN.
 12. USE THE MOUNTING TABS ON THE IP RELAY UNIT TO MOUNT THE UNIT DIRECTLY TO THE BACK PLATE. REFER TO THE IP RELAY WIRING TABLE FOR WIRING DETAILS.
 13. ALL CABLES SHALL ENTER THE ENCLOSURE FROM THE BOTTOM.
 14. POWER FEED TO THE CISCO IE3000 SWITCH SHALL BE FROM THE 120VAC INPUT WHEN THE ENCLOSURE IS AC POWERED.
 15. NOT USED FOR THIS SHEET APPLICATION
 16. IF A SOLAR GENERATOR IS CONNECTED, THEN ITEM P AND THE SECONDARY SIDE OF ITEM B SHALL BE CONNECTED UNTIL A FINAL AC CONNECTION IS MADE.
 17. ITEM X IS USED TO CONTROL POWER TO THE CAMERAS AND DETECTORS. ALL 120VAC CONNECTIONS ON ITEM X SHALL BE PROTECTED.
 18. CABLES TO BE ROUTED THROUGH POLE.
 19. WHEN A 24VDC TO 120VAC POWER GENERATOR IS CONNECTED, THEN THE 480VAC TO 120VAC STEP DOWN TRANSFORMER IS BYPASSED.
 20. NOT USED FOR THIS SHEET APPLICATION
 21. CUT AND STRIP MANUFACTURER-SUPPLIED POWER CORD AS REQUIRED TO MAKE TERMINATIONS.
 22. DIN RAIL SHALL BE INSTALLED AS ILLUSTRATED ON DRAWING. DIN RAIL SHALL BE GROUNDED TO THE GROUND BUS.
 23. BOND NEUTRAL AND GROUND BUSES TOGETHER, WHEN REQUIRED. TIE THE ENCLOSURE INTO THE GROUND BUS.
 24. ITEM W SHALL BE FORMED AND MOLDED TO FIT AROUND THE AREA DENOTED BY THE DASHED LINE. THE PLEXIGLASS SHALL BE MOUNTED TO THE BACKPLATE WITH SUFFICIENT AIR HOLES TO ALLOW HEAT TO ESCAPE THE AREA. THERE SHALL ALSO BE OPENINGS ON THE BOTTOM TO ALLOW CABLES TO BE PASSED FROM THE AC SECTION TO THE OTHER SECTIONS OF THE ENCLOSURE.
 25. ITEM AL SHALL BE PLACED ON ITEMS B AND L.
 26. ALL INTERNAL ENCLOSURE ROUTED AND TERMINATED CAT6 CABLE SHALL BE TEMPERATURE RATED.
 27. ALL INTERNAL 24VAC, 120VAC (STARTING ON SECONDARY SIDE OF ITEM B) AND ANY DC VOLTAGE POWER FEEDS USE #16 AWG CABLE.

ITS ASSEMBLY CABINET - IP RELAY WIRING TABLE						
IP TERMINAL	DESCRIPTION	IP TERMINAL ASSIGNMENT	CONNECTION FROM		CONNECTION TO	
			DEVICE	CONNECTION	DEVICE	CONNECTION
1	CCTVI		IP RELAY	1 NC	CIRCUIT BREAKER	CB4B
			IP RELAY	1 COMM	SURGE SUPPRESSOR	DIN 1
2	MVDS		IP RELAY	2 NC	CIRCUIT BREAKER	CB2B
			IP RELAY	2 COMM	SURGE SUPPRESSOR	DIN 2
3	NOT USED					
4	NOT USED					
5	NOT USED					
6	NOT USED					
7	NOT USED					
8	NOT USED					

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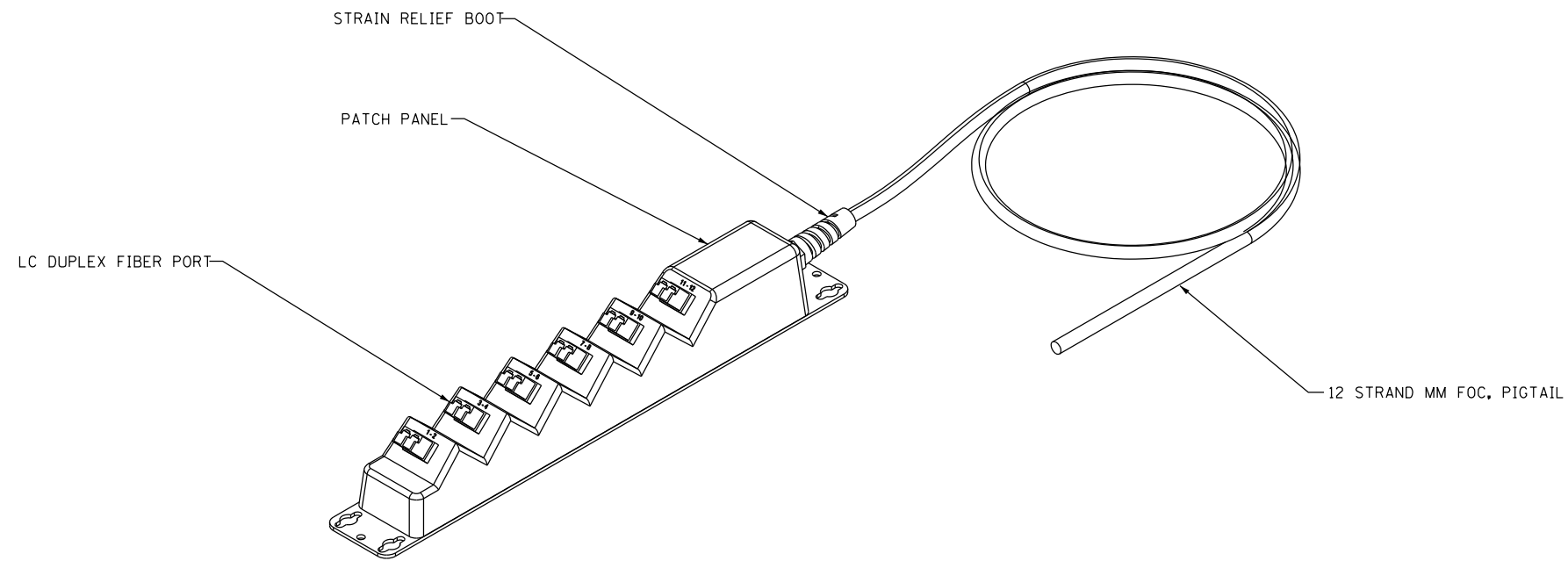
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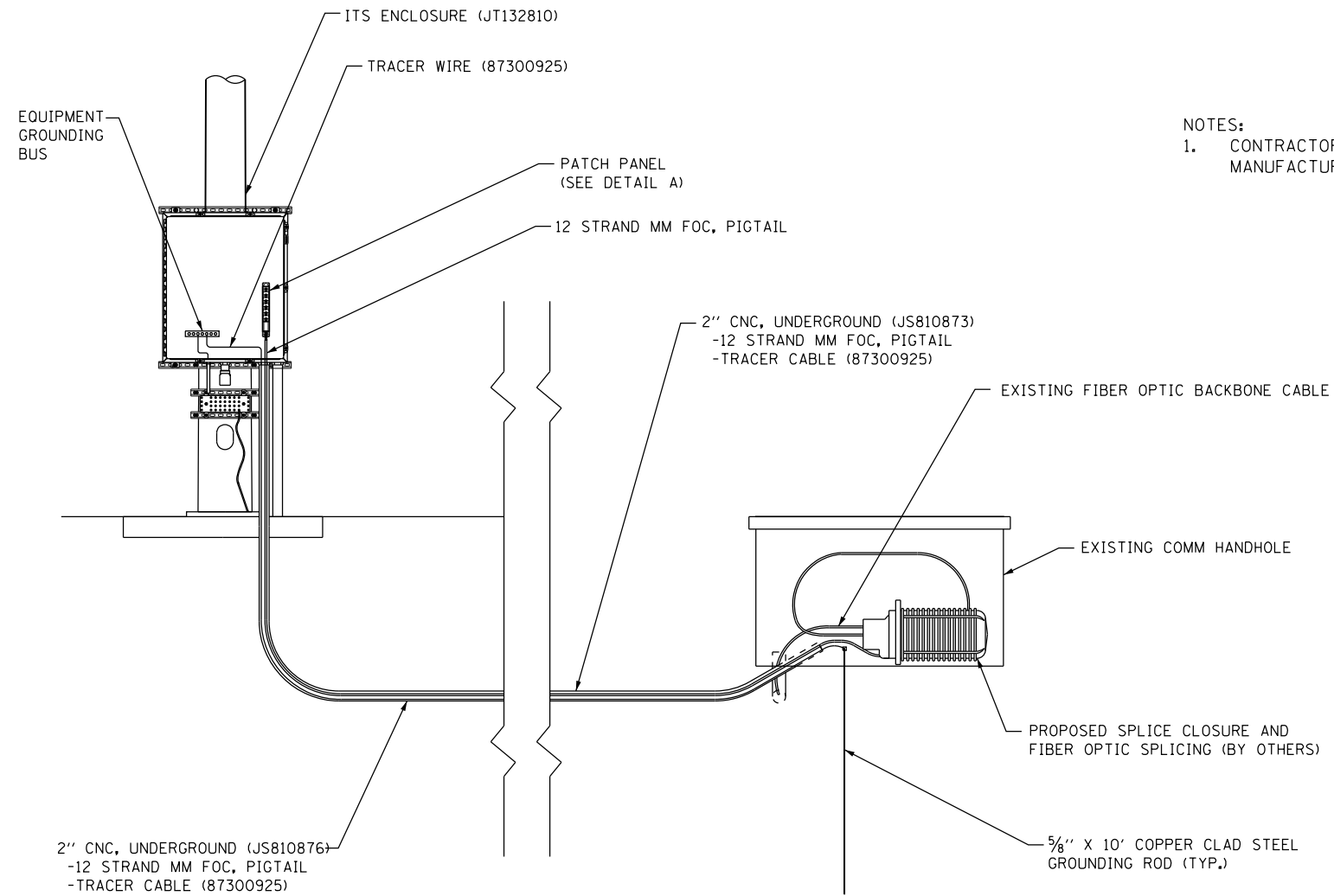
CONTRACT NO. RR-16-4255
 TYPICAL CABINET WIRING DIAGRAM
 CCTV & MVDS (MULTIMODE)

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 DRAWING NO.
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12 STRAND MM FOC, PIGTAIL SCHEDULE (SEE NOTE 1)		
DEVICE LOCATION	MINIMUM PIGTAIL LENGTH (FT)	MINIMUM PIGTAIL LENGTH (M)
SITE 1	328 FT. (MULTIMODE)	100 M. (MULTIMODE)
SITE 2	328 FT. (MULTIMODE)	100 M. (MULTIMODE)
SITE 7	328 FT. (MULTIMODE)	100 M. (MULTIMODE)

DETAIL A - FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY (MULTIMODE) (JT132831)



NOTES:
 1. CONTRACTOR SHALL ORDER PIGTAILS IN METRIC USING METERS (M) FOR LENGTHS SINCE PIGTAIL MANUFACTURER PROVIDES PIGTAILS STANDARD LENGTHS IN METERS (M).

FIBER OPTIC PIGTAIL INSTALLATION DETAIL (TYPICAL)

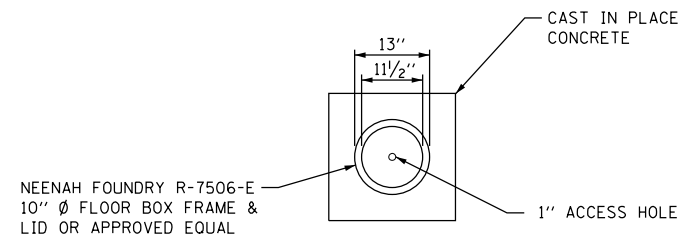
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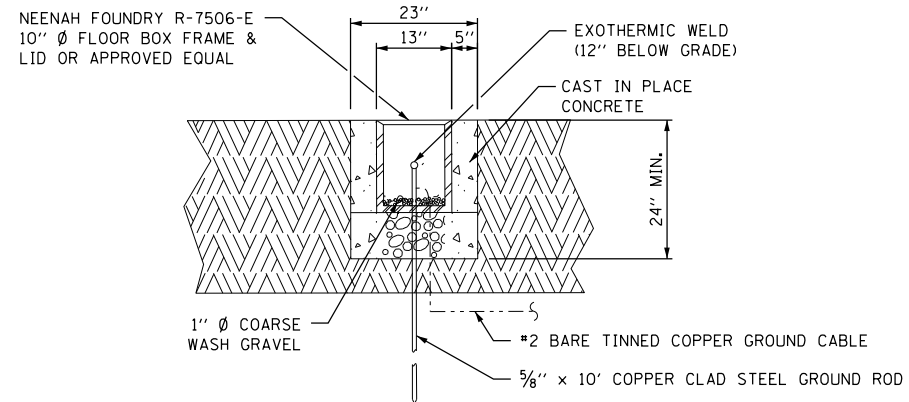
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CONTRACT NO. RR-16-4255 ITS-33
 FIBER OPTIC COMMUNICATIONS, ITS ASSEMBLY (MULTIMODE) INSTALLATION DETAIL DRAWING NO. 742 OF 1517



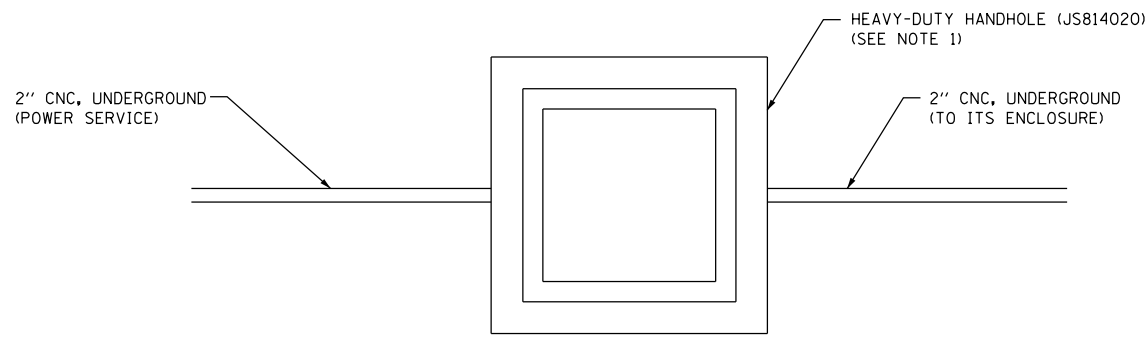
GROUND WELL - PLAN VIEW



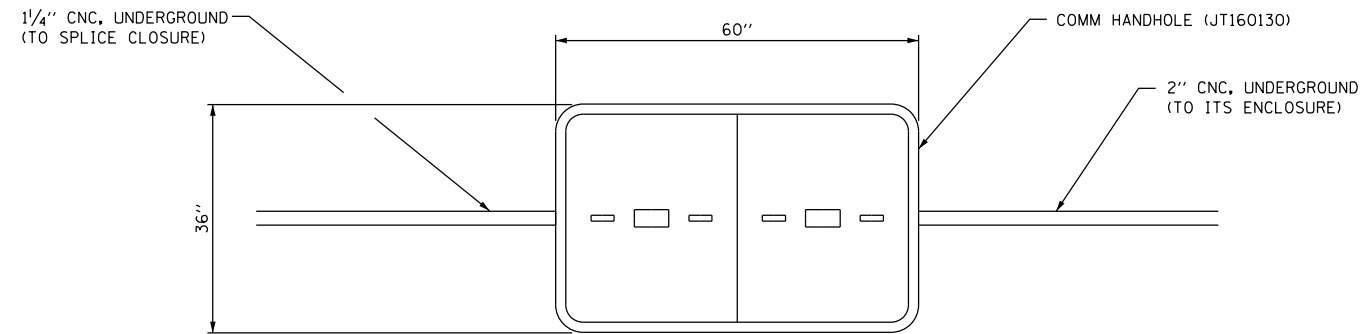
GROUND WELL - ELEVATION VIEW

NOTES:

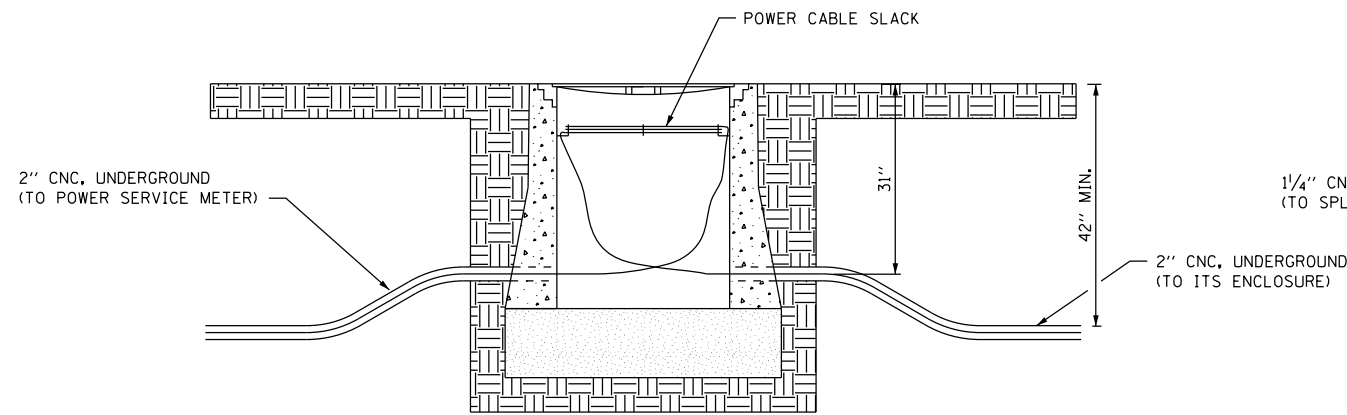
1. ALL GROUND RODS NOT INSTALLED IN HANDHOLES SHALL BE INSTALLED IN A GROUND WELL.
2. HEAVY-DUTY HANDHOLES SHALL BE CONSTRUCTED PER STANDARD H4-04, EXCEPT AS MODIFIED ON THIS SHEET.
3. BACKFILL SHALL BE EARTH WHICH IS FREE FROM DEBRIS, CINDERS, AND ROCKS MEASURING 2" OR GREATER IN DIAMETER. IN THE EVENT THAT EXCAVATED MATERIAL IS UNSUITABLE FOR USE AS BACKFILL, THE CONTRACTOR SHALL USE A CLEAN, NATURAL SAND. THIS SUBSTITUTE BACKFILL SHALL BE INCIDENTAL TO THE CONDUIT INSTALLATION AND WILL NOT BE PAID FOR SEPARATELY.
4. A WATERPROOF SEALING SIMPLEX DUCT PLUG SHALL BE INSTALLED AROUND THE FIBER OPTIC CABLE.
5. A WATERPROOF DUCT PLUG SHALL BE INSTALLED IN ALL EMPTY CONDUITS.
6. BACKFILL SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER.
7. ALL CONCRETE SHALL BE IDOT CLASS S1.
8. REPAIR DISTURBED SOIL AREAS AROUND NEW STRUCTURES WITH SOD AND/OR CLASS 2E SEE MIX AND EROSION CONTROL BLANKET, AND WATER-IN.
9. SEE TOLLWAY STANDARD DETAIL L1-00 FOR LOCATE/WARNING POST DETAILS.



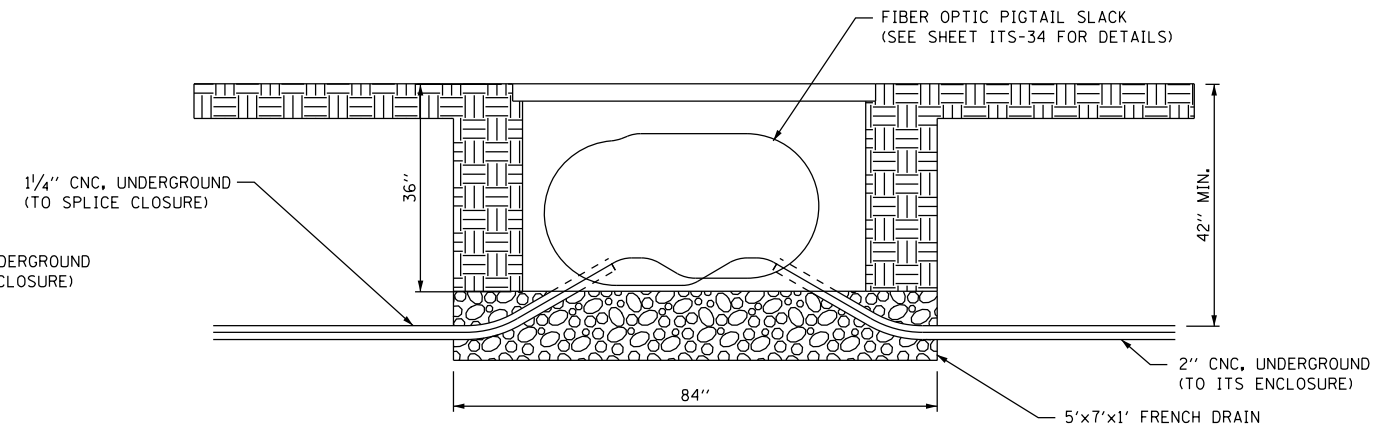
HEAVY-DUTY HANDHOLE (ELECTRICAL) - PLAN VIEW



COMMUNICATIONS HANDHOLE - PLAN VIEW



HEAVY-DUTY HANDHOLE (ELECTRICAL) - ELEVATION VIEW



COMMUNICATIONS HANDHOLE - ELEVATION VIEW

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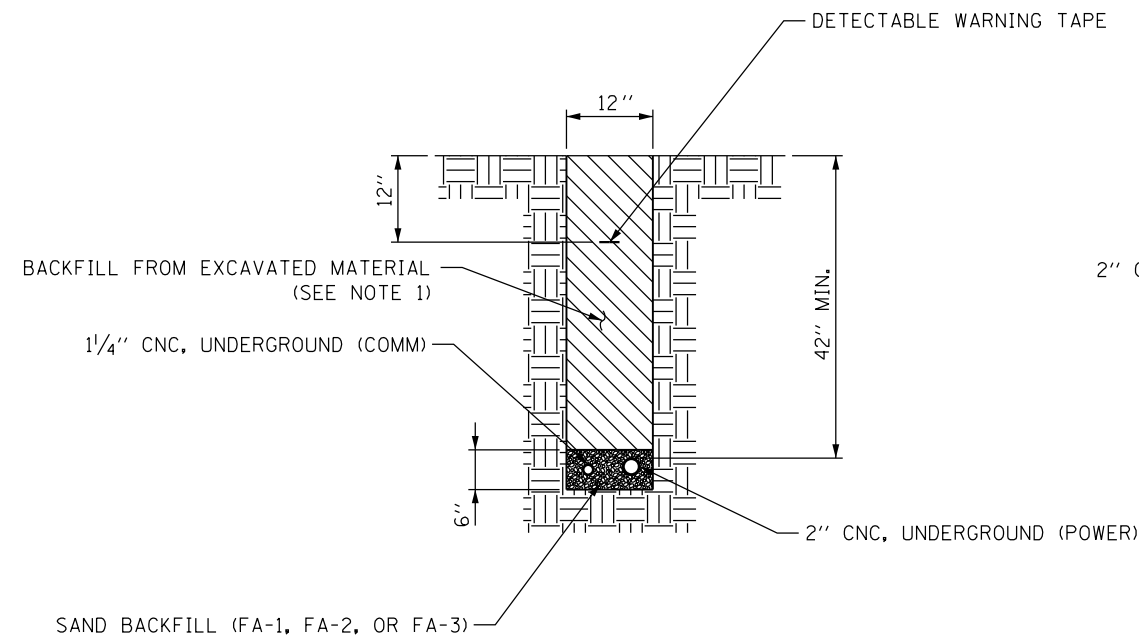
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CONTRACT NO. RR-16-4255
 HANDHOLE AND GROUND WELL
 INSTALLATION DETAILS

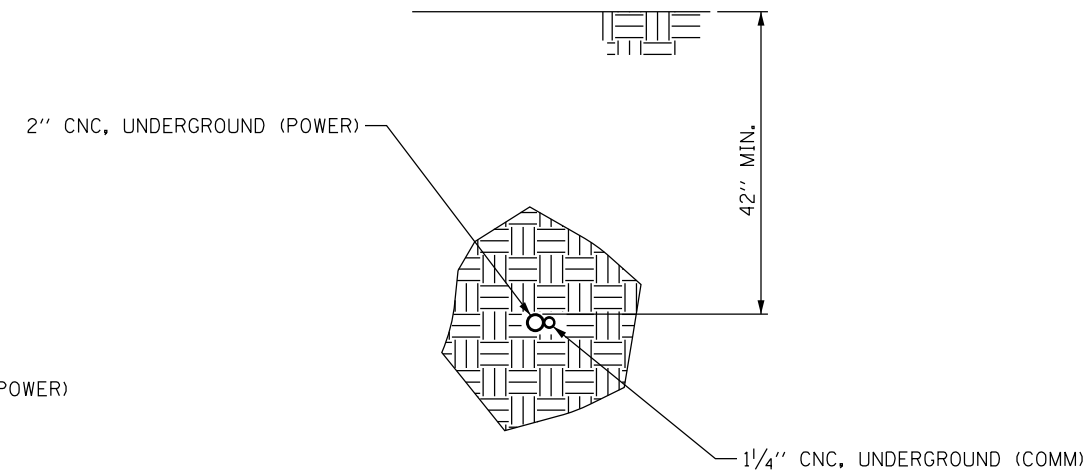
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NOTES:

1. BACKFILL SHALL BE EARTH WHICH IS FREE FROM DEBRIS, CINDERS, AND ROCKS MEASURING 2" OR GREATER IN DIAMETER. IN THE EVENT THAT EXCAVATED MATERIAL IS UNSUITABLE FOR USE AS BACKFILL (AS DETERMINED BY THE ENGINEER), THE CONTRACTOR SHALL USE A CLEAN, NATURAL SAND. THIS SUBSTITUTE BACKFILL SHALL BE INCIDENTAL TO THE CONDUIT INSTALLATION AND WILL NOT BE PAID FOR SEPARATELY.
2. BACKFILL SHALL BE COMPACTED TO THE SATISFACTION OF THE ENGINEER.
3. REPAIR DISTURBED SOIL AREAS AROUND NEW STRUCTURES WITH SOD AND/OR CLASS 2E SEED MIX AND EROSION CONTROL BLANKET, AND WATER-IN.



CONDUIT IN TRENCH



BORED CONDUIT IN UNPAVED AREAS

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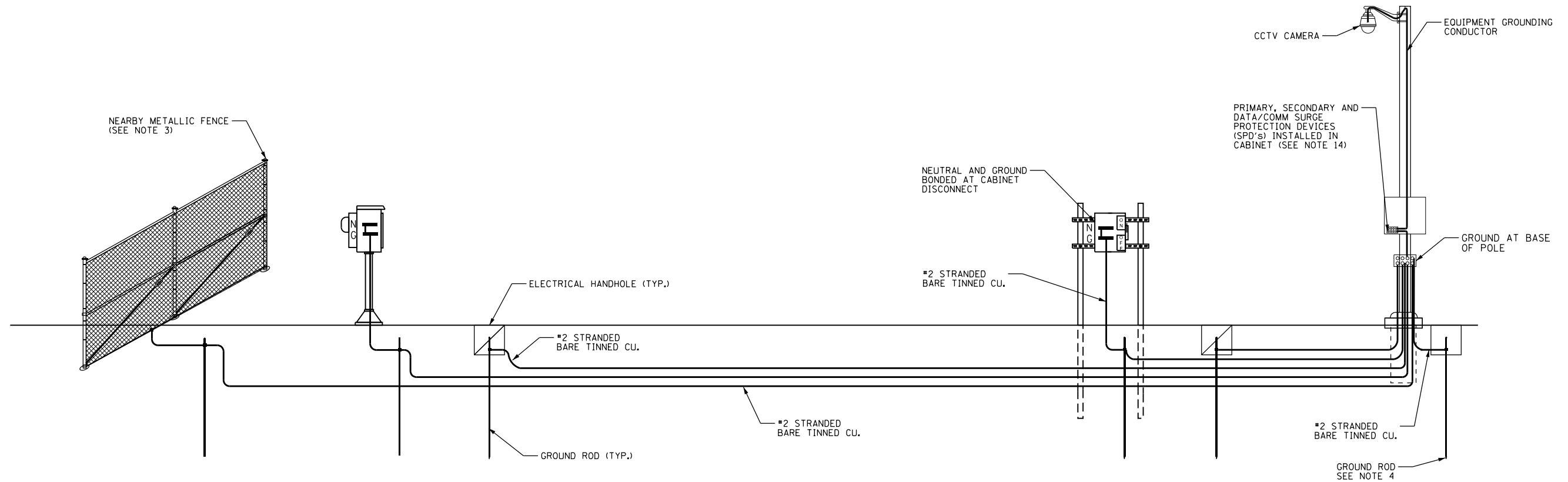
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CONTRACT NO. RR-16-4255
 TYPICAL CONDUIT INSTALLATION

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CCTV CAMERA SITE GROUNDING

NOTES:

1. ADDITIONAL GROUND ROD ELECTRODES SHALL BE ADDED TO GROUNDING ELECTRODE CONDUCTOR AS REQUIRED UNTIL RESISTANCE TO GROUND IS 5 OHMS OR LESS. FOR DEVICE AND POWER SERVICE LOCATIONS IF ADDITIONAL GROUND ROD ELECTRODES ARE REQUIRED IN ORDER TO ACHIEVE REQUIRED RESISTANCE THEY SHALL RADIATE OUT FROM EXISTING GROUND ROD ELECTRODES, THESE SHALL BE CONNECTED WITH #2 BARE STRANDED CONDUCTOR, AND SHALL BE 20' FROM CONNECTED GROUND ROD. ALL COMMUNICATION EQUIPMENT GROUNDING SITES SHALL BE TESTED FOR RESISTANCE TO GROUND USING THE THREE-POINT FALL-OF-POTENTIAL TEST PER ANSI IEEE STD 81. SEE ITS ELEMENT SITE GROUNDING SPECIFICATIONS FOR PROCEDURES.
2. GROUND ELECTRODES SHALL NOT BE ROUTED THROUGH FOUNDATIONS.
3. FENCES AND OTHER METALLIC STRUCTURES WITH PATHS TO GROUND SHALL BE CONNECTED TO EQUIPMENT GROUND IF THEY ARE LOCATED WITHIN 25' OF THE GROUNDING ELECTRODE SYSTEM OR ANY OBJECT GROUNDED TO THE GROUNDING ELECTRODE SYSTEM.
4. GROUND ROD ELECTRODES SHALL BE INSTALLED IN GROUND WELLS IN FINISHED GRADE.
5. CCTV CAMERA AND ASSOCIATED HANDHOLES SHALL BE CONNECTED TO THE SITE GROUND SYSTEM.
6. ALL EQUIPMENT GROUNDS SHALL BE PROPERLY CONNECTED TO A CHASSIS: ALL PAINT AND OTHER COATINGS, INCLUDING GALVANIZATION, SHALL BE REMOVED PRIOR TO TERMINATION OF A GROUND, AFTER THE GROUND IS TERMINATED A NON-OXIDIZING COATING SHALL BE PAINTED OVER THE EXPOSED METAL SURFACES.
7. GROUNDING ELECTRODE SYSTEM CONNECTIONS TO FENCING SHALL BE MADE USING HEAVY DUTY TINNED LISTED PIPE CLAMPS DESIGNED FOR GROUNDING AND STAINLESS STEEL HARDWARE.
8. ALL GROUNDING DIAGRAMS ARE SCHEMATIC ONLY.
9. AT LEAST AN 8 INCH MINIMUM BENDING RADIUS SHALL BE MAINTAINED ON ALL GROUNDING ELECTRODE CONDUCTORS. THE ANGLE OF ANY BENDING SHALL NOT BE LESS THAN 90 DEGREES.
10. GROUNDING CONDUCTORS SHALL ALWAYS ROUTE AS STRAIGHT AS POSSIBLE. "U" FORM JUMPERS SHALL BE ACCEPTABLE ONLY FOR GATES AND DOORS.
11. THE QUANTITY OF GROUNDING ELECTRODE CONDUCTORS CONNECTED TO A GROUND ROD ELECTRODE SHALL BE LIMITED TO THREE.
12. WHENEVER POSSIBLE, GROUND ROD ELECTRODES SHALL BE INSTALLED NO CLOSER THAN 10' FROM A FOUNDATION.
13. EVERY COPPER CONDUCTOR OR CABLE ENTERING OR LEAVING THE CCTV ELECTRONICS ENCLOSURE SHALL BE PROTECTED.
14. DIAGRAM OMITTS EQUIPMENT GROUNDING INSIDE ENCLOSURES.
15. GROUNDING CONDUCTOR SHALL BE #2 BARE STRANDED COPPER. GROUNDING CABLE SHALL BE PROTECTED BY RIGID GALVANIZED STEEL CONDUIT UP TO 2 FEET ABOVE GRADE. CONTRACTOR SHALL INSTALL GROUND RODS AS NECESSARY TO ENSURE GROUND RESISTANCE AT ITS ENCLOSURE IS 5 OHMS OR LESS.

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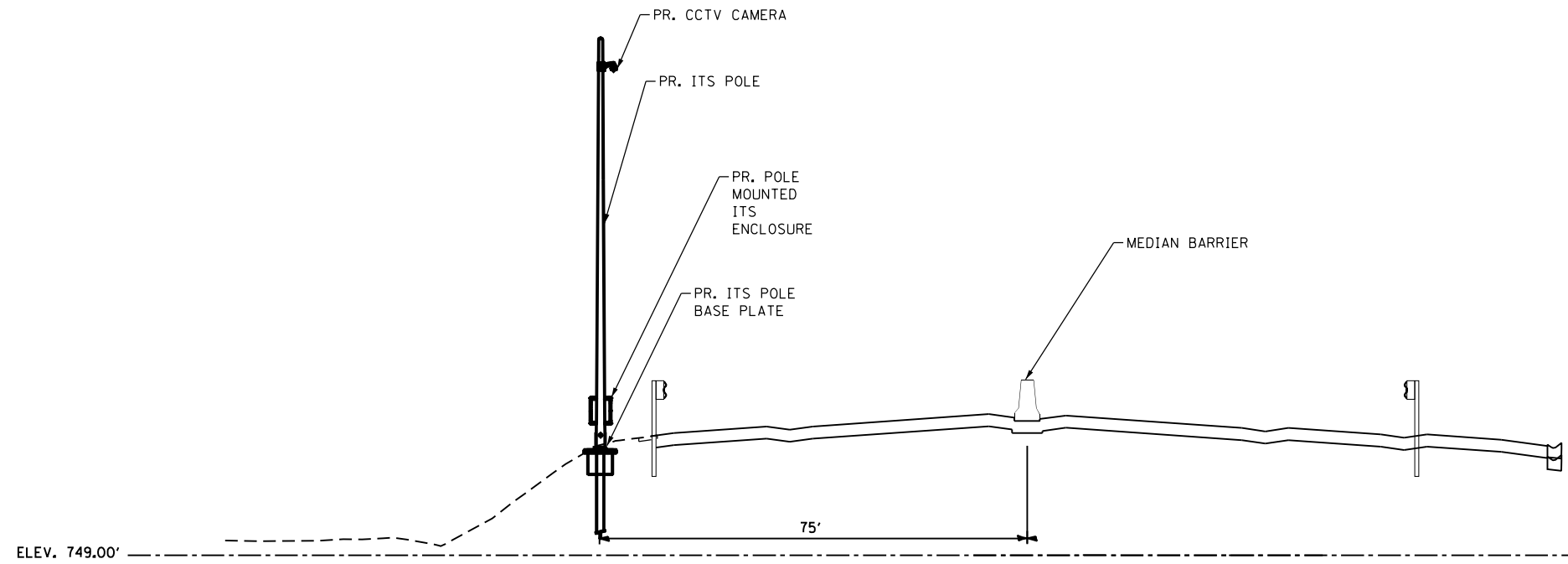
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 TYPICAL SITE GROUNDING SCHEMATIC

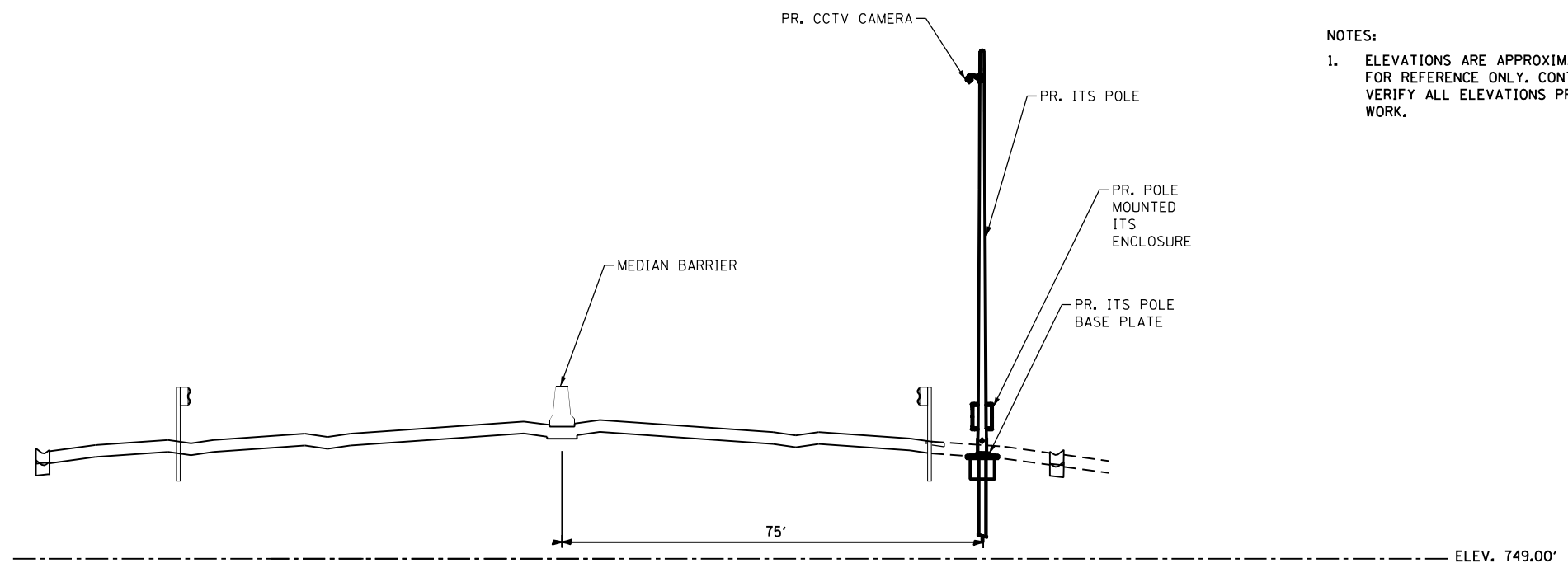
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I-355 SB M.P 12.43
 APPROX. STA. 751 (FACING NORTH)
 SITE #1

NOT TO SCALE

NOTES:
 1. ELEVATIONS ARE APPROXIMATE AND ARE PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS PRIOR TO BEGINNING WORK.



I-355 SB M.P 13.20
 APPROX. STA. 791 (FACING NORTH)
 SITE #2

NOT TO SCALE

NOTES:
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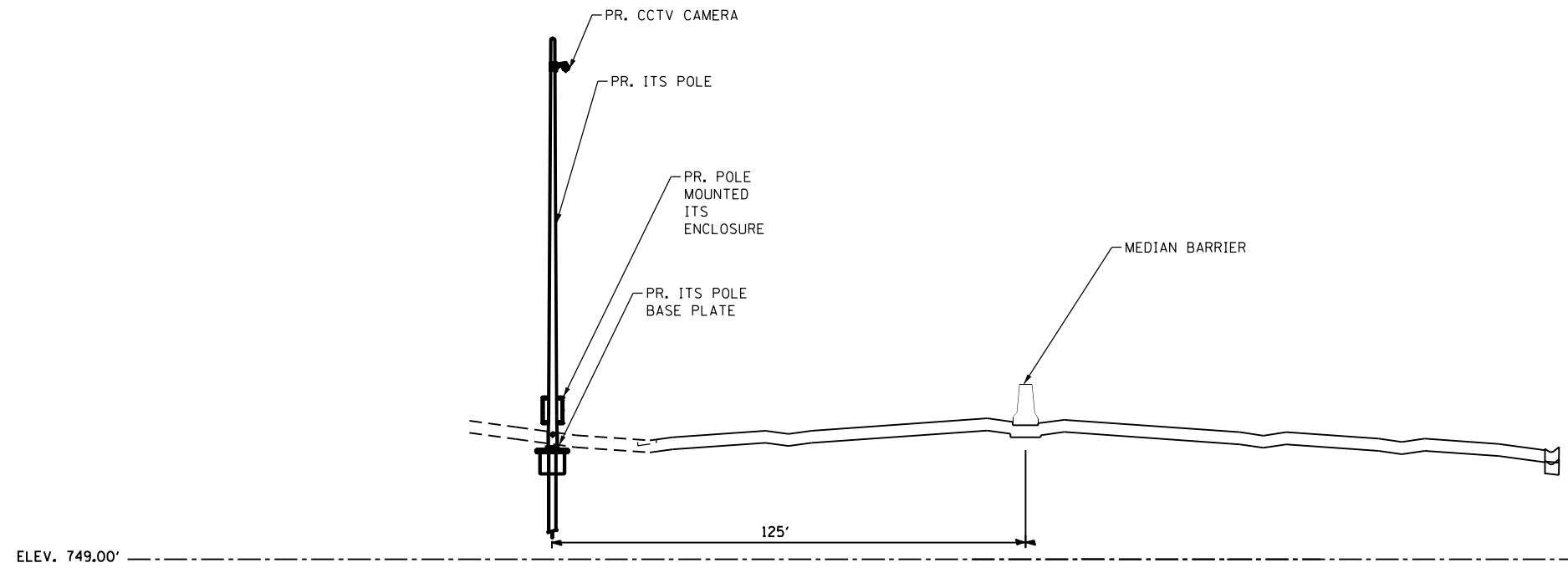
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CONTRACT NO. RR-16-4255

ITS DEVICE CROSS SECTIONS

ITS-37

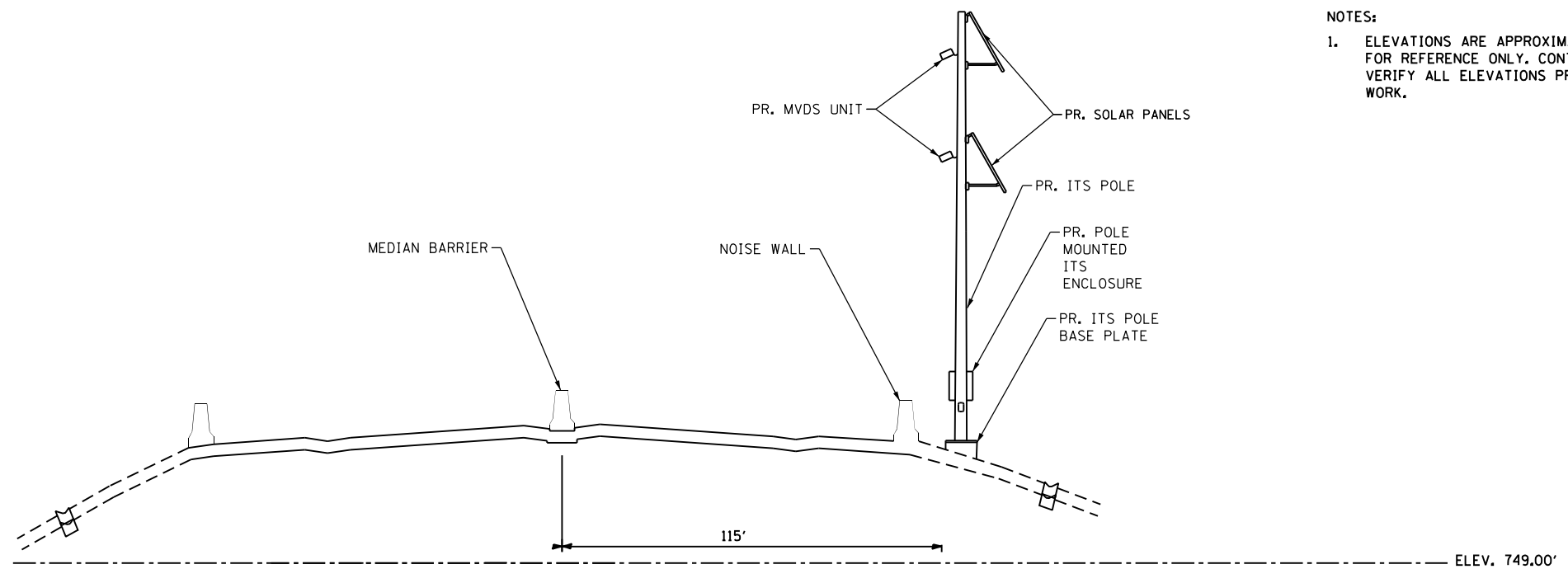
DRAWING NO.
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I-355 SB M.P. 14.74
 APPROX. STA. 872 (FACING NORTH)
 SITE #6

NOT TO SCALE

- NOTES:
- ELEVATIONS ARE APPROXIMATE AND ARE PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS PRIOR TO BEGINNING WORK.



I-355 SB M.P. 19.20
 APPROX. STA. 1108 (FACING NORTH)
 SITE #15

NOT TO SCALE

- NOTES:
- ELEVATIONS ARE APPROXIMATE AND ARE PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL ELEVATIONS PRIOR TO BEGINNING WORK.

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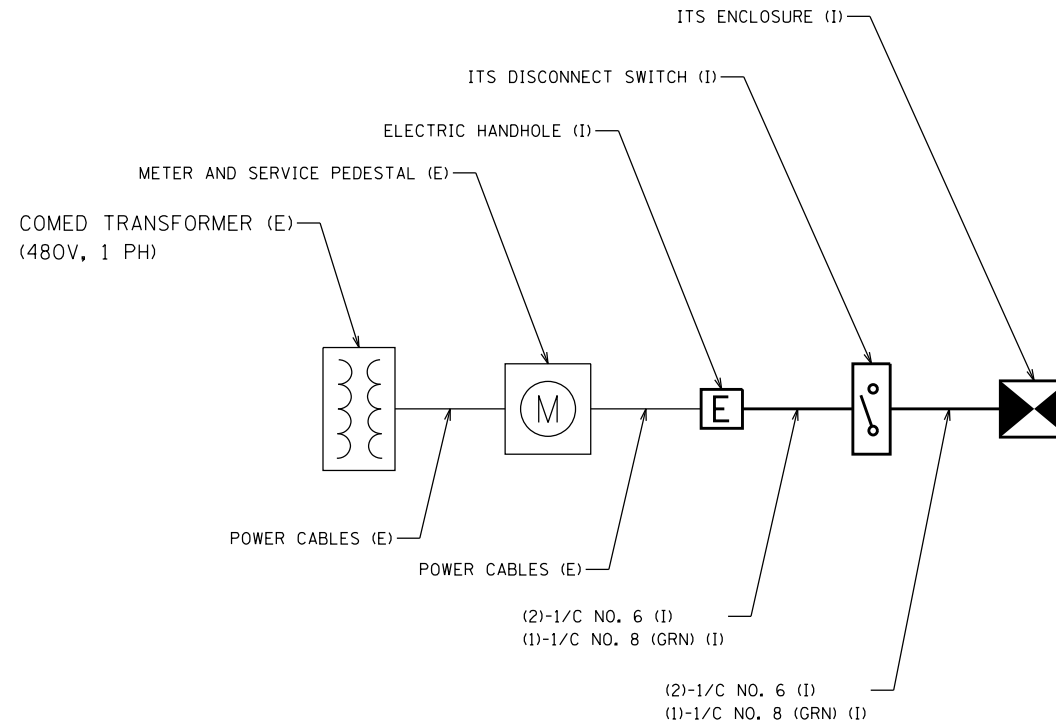
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CONTRACT NO. RR-16-4255
 ITS DEVICE CROSS SECTIONS





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SITE #1

STA. 750+92, 75' LT
M.P. 12.42
SHEET ITS-05



LEGEND

-  TRANSFORMER
-  METER AND SERVICE PEDESTAL
-  ELECTRICAL HANDHOLE
-  ITS DISCONNECT SWITCH

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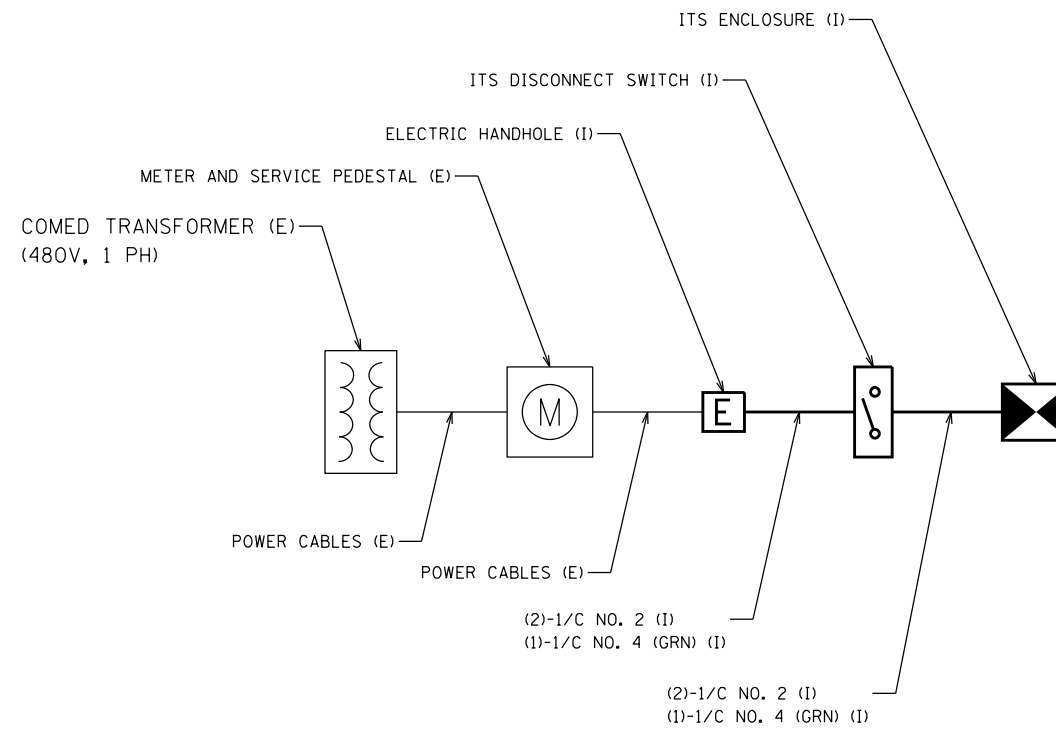
POWER ONE LINE DIAGRAM

ITS-39





DRAWING NO.
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SITE #2

STA. 791+24, 118' RT
M.P. 13.19
SHEET ITS-06



LEGEND

-  TRANSFORMER
-  METER AND SERVICE PEDESTAL
-  ELECTRICAL HANDHOLE
-  ITS DISCONNECT SWITCH

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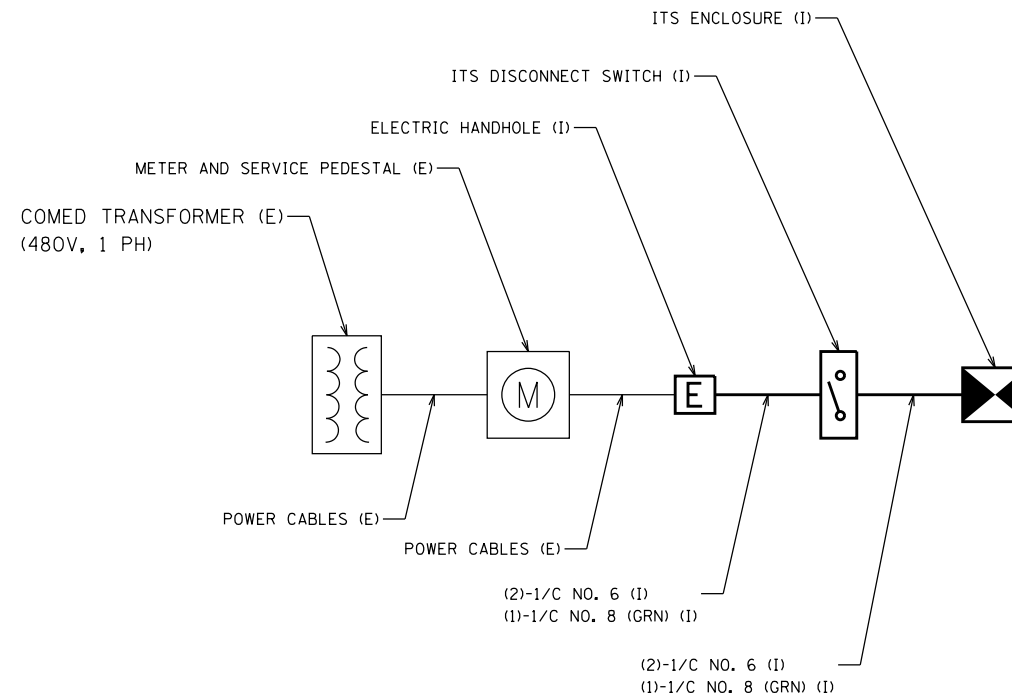
POWER ONE LINE DIAGRAM

ITS-40





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SITE #7

STA. 872+07, 125' LT
M.P. 14.71
SHEET ITS-10



LEGEND

-  TRANSFORMER
-  METER AND SERVICE PEDESTAL
-  ELECTRICAL HANDHOLE
-  ITS DISCONNECT SWITCH

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POWER ONE LINE DIAGRAM

ITS-41

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