

1-20-2012 LETTING ITEM 111

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**DESIGN DESIGNATION**  
INTERSTATE  
ADT 38,000 (2009)  
SPEED LIMIT 55

**SCOPE OF WORK:**  
WITHIN THE PROJECT LIMITS SN 016-0163 SUPERSTRUCTURE,  
RAMP PAVEMENT, AND SIGN TRUSS WILL BE REMOVED.

**IMPROVEMENT LOCATED**  
IN THE CITY OF WILMINGTON, WILL COUNTY

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

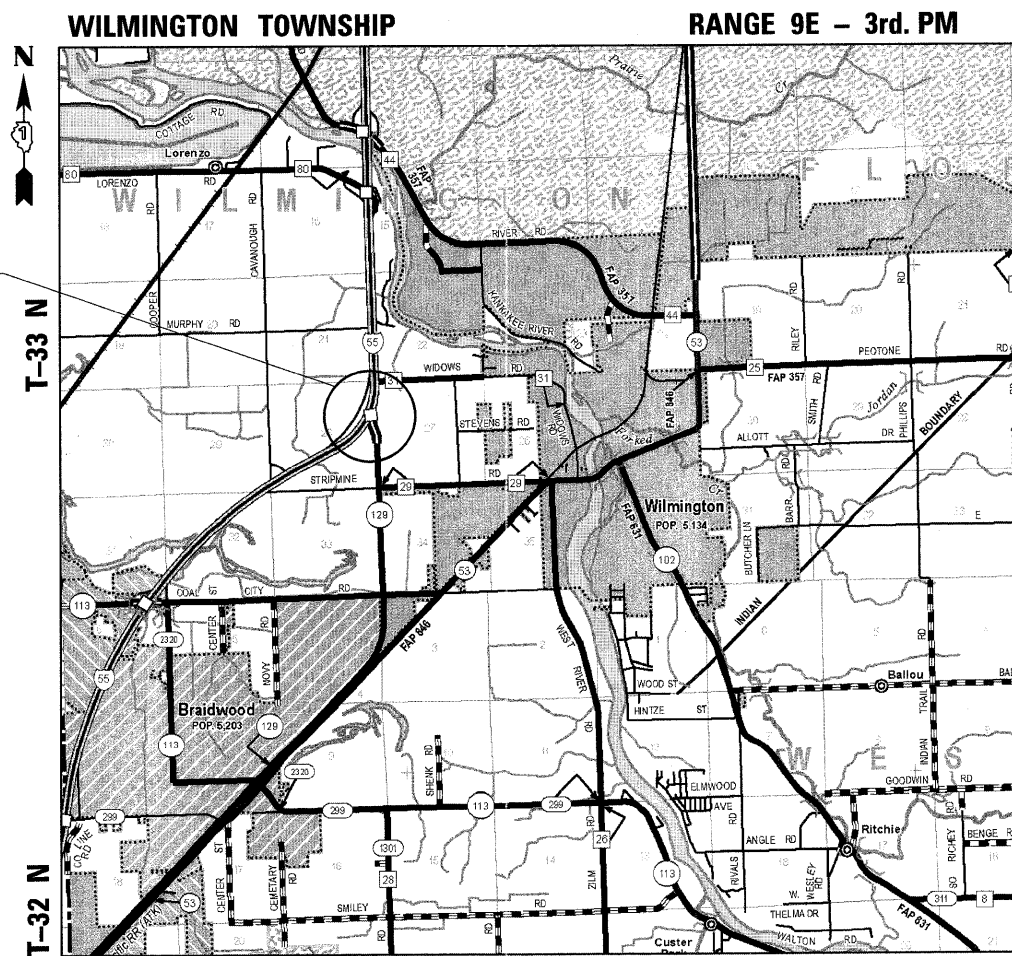
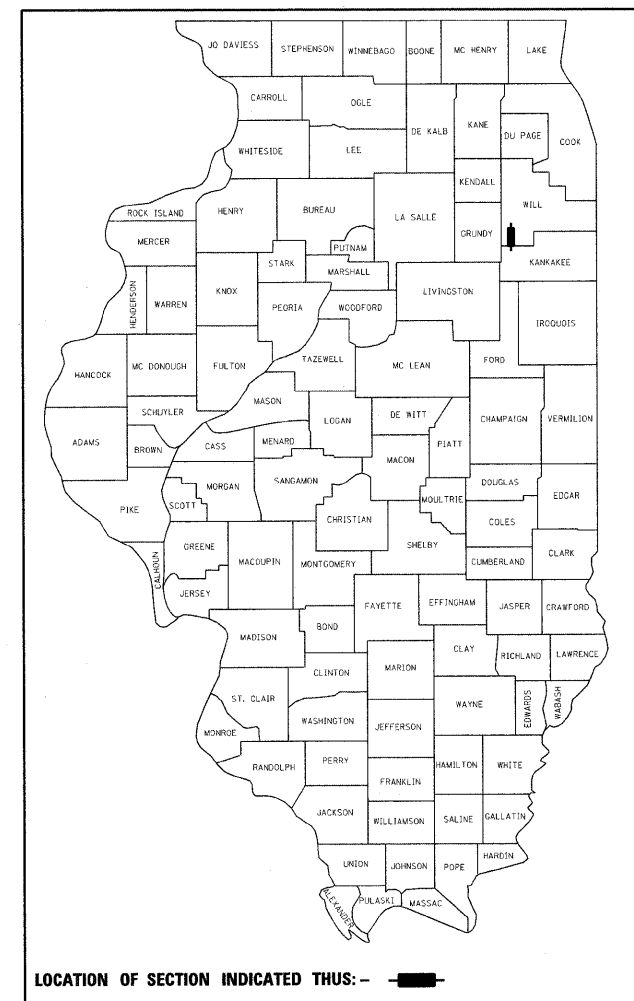
# PROPOSED HIGHWAY PLANS

FAI 55 (NORTHBOUND)(I-55)  
SECTION 2011-078-I  
AT IL ROUTE 129 SOUTHBOUND RAMP  
SUPERSTRUCTURE REMOVAL, SIGN TRUSS REMOVAL,  
AND PAVEMENT REMOVAL  
WILL COUNTY

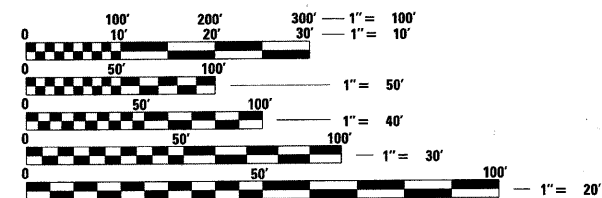
C-91-016-12

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2011-078-I	WILL	12	1
		ILLINOIS	CONTRACT NO. 60R05	

D-91-016-12



**LOCATION OF WORK:**  
IL ROUTE 129 AT I-55 (NB)  
SN 099-0163



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

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

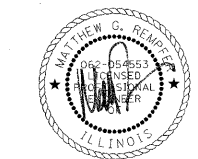
PROJECT MANAGER: MR. ISSAM RAYYAN, P.E. (847) 705-4178  
PROJECT ENGINEER: MR. ROBERT T. BORO, P.E. (847) 705-4237

CONTRACT NO. 60R05

GROSS LENGTH = 1,350 FT. = 0.26 MILE  
NET LENGTH = 1,350 FT. = 0.26 MILE



COLLINS ENGINEERS, INC.  
JAMES M. HAMELKA  
NO. 81-6116  
EXPIRES 11-30-2012



COLLINS ENGINEERS, INC.  
MATTHEW G. REMPFER  
NO. 062-054553  
EXPIRES 11-30-2011

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED NOVEMBER 15, 2011

Diane M. O'Keefe DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
December 9 2011  
Scott E. Stitt P.E. acting ENGINEER OF DESIGN AND ENVIRONMENT  
December 9 2011  
William R. Frenkel DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**COLLINS ENGINEERS**  
123 N. WACKER DR., SUITE 300  
CHICAGO, IL 60606  
(312) 704-9300  
ILLINOIS PROFESSIONAL DESIGN FIRM  
LICENSE NO. 184-000993

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OF THE STATE OF ILLINOIS**

**INDEX OF SHEETS**

1	TITLE SHEET
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4	EXISTING / PROPOSED TYPICAL SECTIONS
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6-7	EROSION CONTROL PLAN
8	ELECTRICAL EQUIPMENT REMOVAL
9	S1 OVERHEAD SIGN STRUCTURE REMOVAL
10	S2 GENERAL PLAN AND ELEVATION SN 099-0163
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12	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)

**INDEX OF HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMALS OF AN INCH AND OF A FOOT
280001-06	TEMPORARY EROSION CONTROL SYSTEMS
635001-01	DELINEATORS
701101-02	OFF ROAD OPERATIONS, MULTILANE, 15 FEET TO 24 INCHES FROM PAVEMENT EDGE
701400-05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-06	LANE CLOSURE, FREEWAY/EXPRESSWAY
701901-02	TRAFFIC CONTROL DEVICES

**GENERAL NOTES**

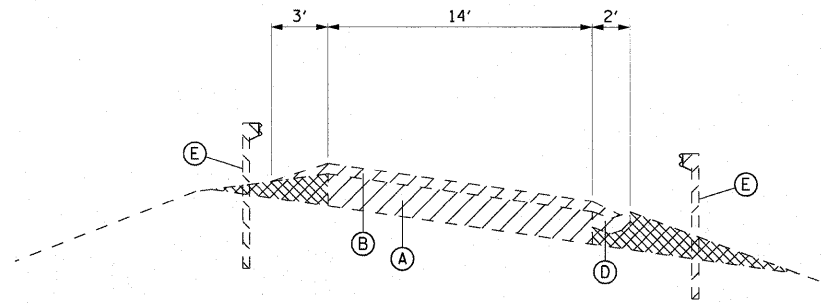
- |  |  |
|--|--|
| <p>1. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM IDOT BRIDGE INSPECTORS.</p> <p>2. 10 FT (3 M) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.</p> <p>3. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 AT LEAST 72 HOURS PRIOR TO THE START OF WORK.</p> <p>4. THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, LAWRENCE HILL, AT (815) 485-6475 AT LEAST TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.</p> <p>5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.</p> <p>6. DO NOT SCALE THESE PLANS FOR CONSTRUCTION PURPOSES. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.</p> <p>7. DURING CONSTRUCTION OPERATIONS, LOOSE MATERIAL DEPOSITS THAT OBSTRUCT THE FLOW OF WATER IN DRAINING THE AREA SHALL BE REMOVED BEFORE THE END OF EACH WORK DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES (NEW AND EXISTING) SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.</p> | <p>8. THE PLANS DO NOT REPRESENT A COMPLETE DEPICTION OF ALL UTILITIES THAT MAY BE IMPACTED BY THE PROPOSED WORK. THE CONTRACTOR SHALL CONDUCT HIS OR HER OWN INVESTIGATION TO DETERMINE THE OWNERSHIP OF IMPACTED UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY OWNERS AND MAY BE REQUIRED TO PROVIDE TEMPORARY SUPPORT, ADJUST, RELOCATE OR REMOVE UTILITIES THAT ARE IMPACTED BY THE PROPOSED IMPROVEMENT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.</p> <p>9. WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHTTIME OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTED ADVERSE VISIBILITY TO THE MOTORING PUBLIC.</p> <p>10. THE CONTRACTOR SHALL BE ADVISED THAT IN THE FALL OF 2011, IDOT BUREAU OF MAINTENANCE WILL BE REMOVING RAMP PAVEMENT ALONG RAMP 5 BETWEEN I-55 AND STA 13+53.66. IDOT WILL STOCKPILE THE REMOVED PAVEMENT WITHIN THE REMOVAL LIMITS OF CONTRACT 60R05. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF THE STOCKPILED MATERIALS IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS. THE WORK SHALL BE PAID FOR AS PAVEMENT REMOVAL. AN ASSUMED QUANTITY OF 50 SQ YD HAS BEEN INCLUDED IN THE CONTRACT QUANTITIES.</p> <p>11. THE CONTRACTOR SHALL BE ADVISED THAT IN THE FALL OF 2011, IDOT BUREAU OF MAINTENANCE WILL BE REMOVING ALL SIGN PANELS FROM THE SIGN TRUSS TO BE REMOVED AS PART OF CONTRACT 60R05.</p> <p>12. THERE IS EXISTING TRAFFIC SURVEILLANCE EQUIPMENT (REMOTE RADAR DETECTOR) NEAR THE I-55 NB TO I-55 SB TURNAROUND RAMP. CARE SHALL BE TAKEN NOT TO DAMAGE THIS EQUIPMENT.</p> |
|--|--|

SUMMARY OF QUANTITIES				CONSTR. TYPE CODE		
CODE	ITEM DESCRIPTION	UNIT	QUANTITY	ROADWAY	BRIDGE	SIGN STRUCTURE
				0004	SN 099-0163 0014	0040
20200100	EARTH EXCAVATION	CU YD	450	450		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	6466	6466		
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25		
25000310	SEEDING, CLASS 4	ACRE	1.25	1.25		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	176	176		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	176	176		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	176	176		
25100115	MULCH, METHOD 2	ACRE	1.25	1.25		
25100630	EROSION CONTROL BLANKET	SQ YD	871	871		
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	780	780		
28000400	PERIMETER EROSION BARRIER	FOOT	3427	3427		
28000500	INLET AND PIPE PROTECTION	EACH	5	5		
44000100	PAVEMENT REMOVAL	SQ YD	1722	1722		
44000400	GUTTER REMOVAL	FOOT	467	467		
44004250	PAVED SHOULDER REMOVAL	SQ YD	1141	1141		
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1		1	
50157300	PROTECTIVE SHIELD	SQ YD	140		140	
63200310	GUARDRAIL REMOVAL	FOOT	1827	1827		
67000400	ENGINEERS FIELD OFFICE, TYPE A	CAL MO	6	6		
67100100	MOBILIZATION	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	30		
* 73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1			1
* 73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2			2
* 84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1			1
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1		
X8040150	REMOVAL OF ELECTRIC CONNECTION TO SIGN STRUCTURE	EACH	1			1
Z0004552	APPROACH SLAB REMOVAL	SQ YD	133		133	
Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	500	500		
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	1			1

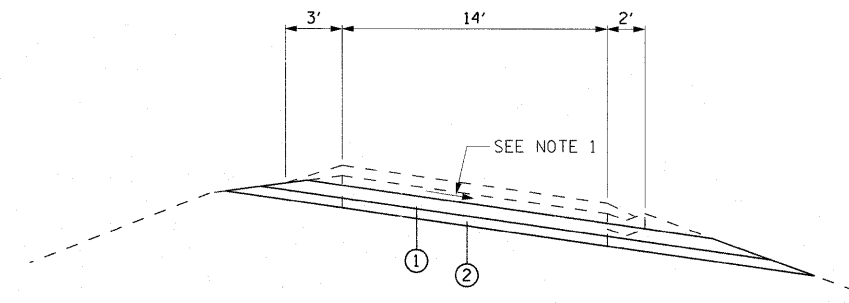
\* - INDICATES SPECIALTY ITEM

FILE NAME =	USER NAME = aread	DESIGNED - EM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-55 AT IL ROUTE 129 (SB) SUMMARY OF QUANTITIES</b>			F.A.I. RTE. 55	SECTION 2011-078-I	COUNTY WILL	TOTAL SHEETS 12	SHEET NO. 3			
PLOT SCALE = 10.0000' / IN.	CHECKED - JMH	REVISED -	SCALE:					SHEET NO.	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 60R05	
PLOT DATE = 11/11/2011	DATE - AUGUST, 2011	REVISED -													

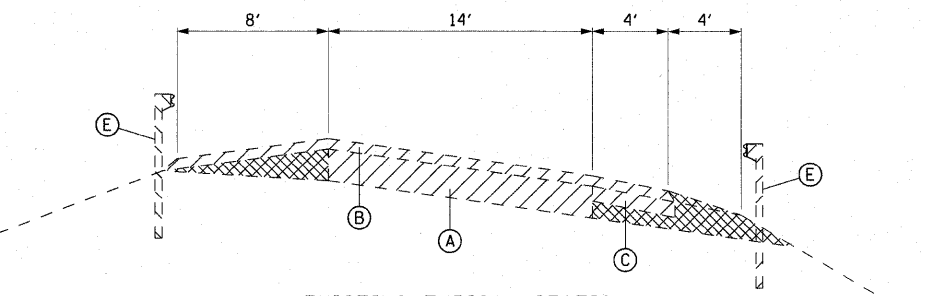
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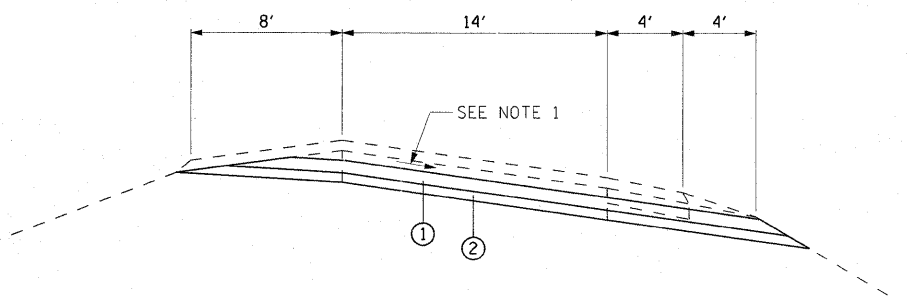
EXISTING TYPICAL SECTION  
RAMP 4  
STA. 1+76.59 TO STA. 6+47.79



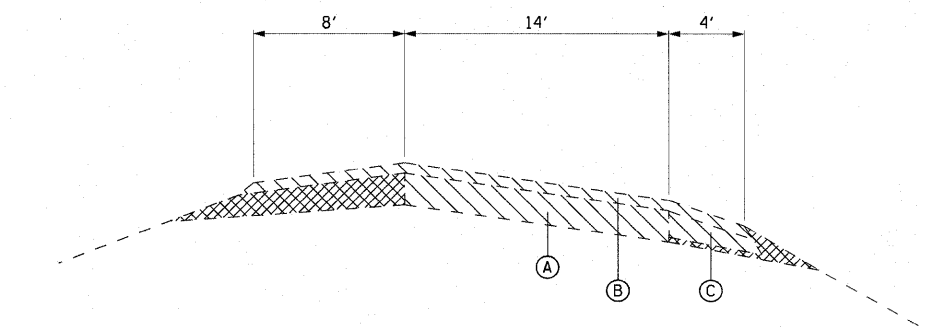
PROPOSED TYPICAL SECTION  
RAMP 4  
STA. 1+76.59 TO STA. 6+47.79



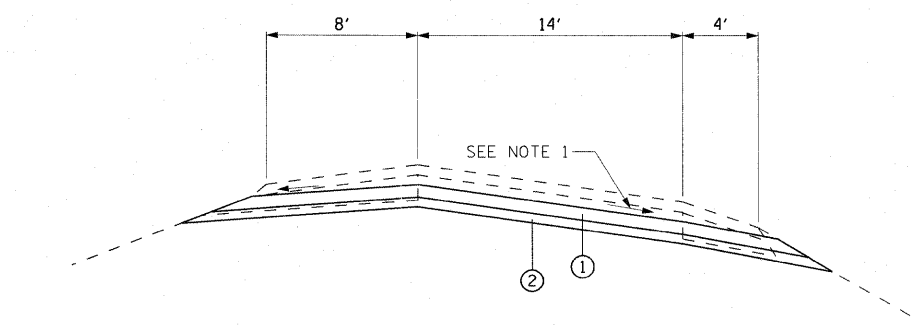
EXISTING TYPICAL SECTION  
RAMP 5  
STA. 8+72.99 TO STA. 13+53.66



PROPOSED TYPICAL SECTION  
RAMP 5  
STA. 8+72.99 TO STA. 13+53.66



EXISTING TYPICAL SECTION  
RAMP 3  
STA. 24+98.34 TO STA. 26+26.31



PROPOSED TYPICAL SECTION  
RAMP 3  
STA. 24+98.34 TO STA. 26+26.31

**NOTES:**

1. PROPOSED GRADING SHALL MATCH THE SLOPE OF THE EXISTING SUBGRADE, OR AS DIRECTED BY THE ENGINEER.
2. THE THICKNESS OF THE PROPOSED EMBANKMENT SHALL BE 3.5', OR AS DIRECTED BY THE ENGINEER TO BALANCE CUT AND FILL VOLUMES WITHIN EACH RAMP LOCATION. NO EXCAVATED MATERIAL SHALL BE REMOVED FROM THE PROJECT SITE.
3. SEE EROSION CONTROL PLANS FOR SEEDING LOCATIONS.

**EARTHWORK SCHEDULE**

LOCATION	EARTH EXCAVATION (CY)	EXCAVATION TO BE USED IN EMBANKMENT (ADJ. FOR SHRINKAGE)	EMBANKMENT (CY)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
RAMP 3	30	26	26	0
RAMP 4	120	102	102	0
RAMP 5	297	252	252	0
TOTAL =	447	380	380	0

**EXISTING LEGEND**

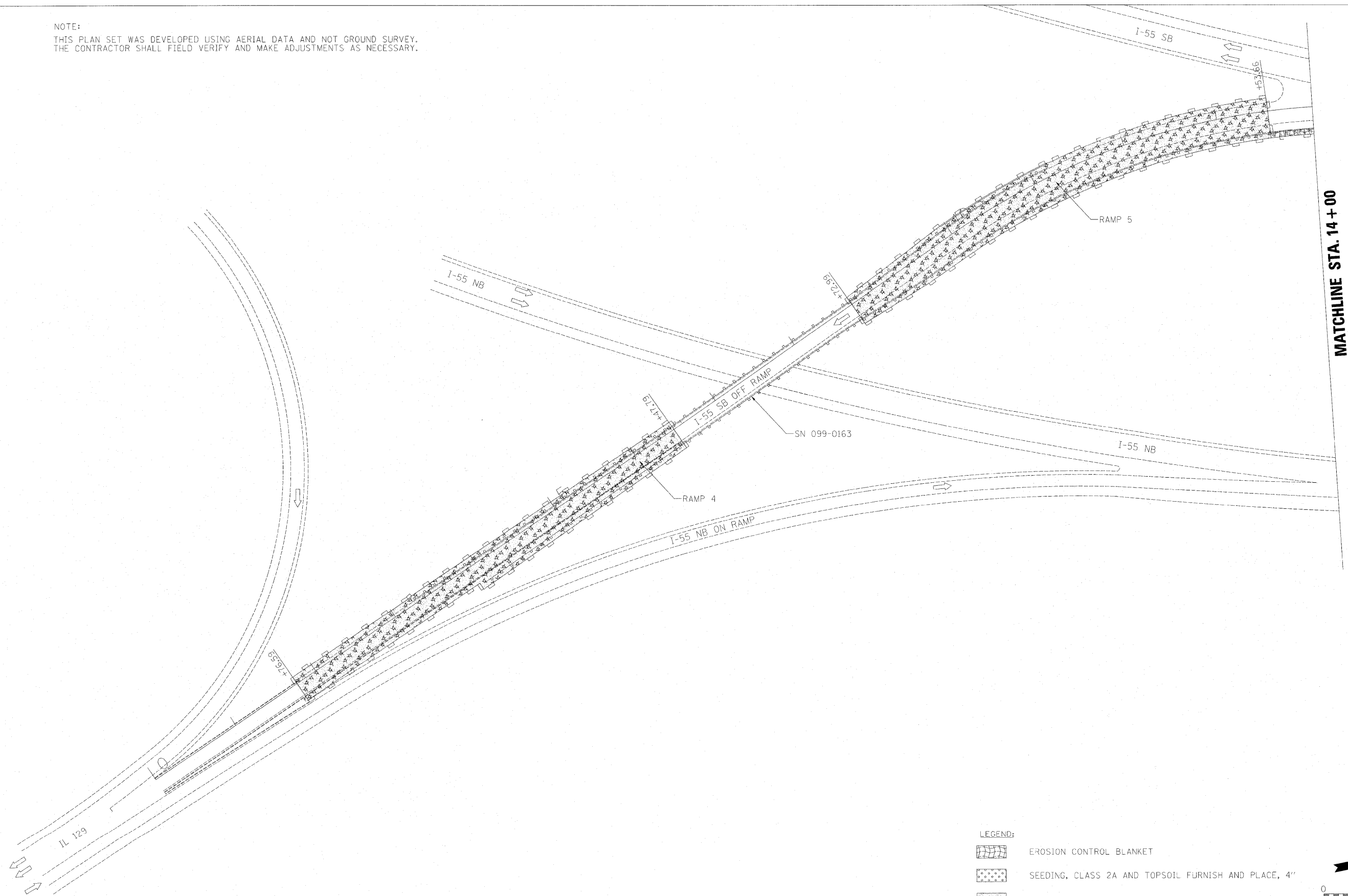
- (A) EXISTING PCC PAVEMENT, 10"
- (B) EXISTING HMA OVERLAY +/- 3.25"
- (C) EXISTING HMA SHOULDER +/- 4.75"
- (D) EXISTING CONC. GUTTER
- (E) EXISTING GUARDRAIL
- [Hatched Box] EARTH EXCAVATION
- [Diagonal Lines Box] REMOVAL ITEMS

**PROPOSED LEGEND**






- (1) TOPSOIL AND SEEDING
- (2) EMBANKMENT, 3.5"

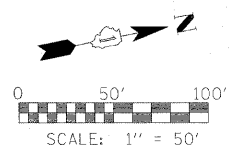


NOTE:  
 THIS PLAN SET WAS DEVELOPED USING AERIAL DATA AND NOT GROUND SURVEY.  
 THE CONTRACTOR SHALL FIELD VERIFY AND MAKE ADJUSTMENTS AS NECESSARY.



LEGEND:

-  EROSION CONTROL BLANKET
-  SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4"
-  SEEDING, CLASS 4 AND TOPSOIL FURNISH AND PLACE, 4"
-  MULCH, METHOD 2
-  PERIMETER EROSION BARRIER



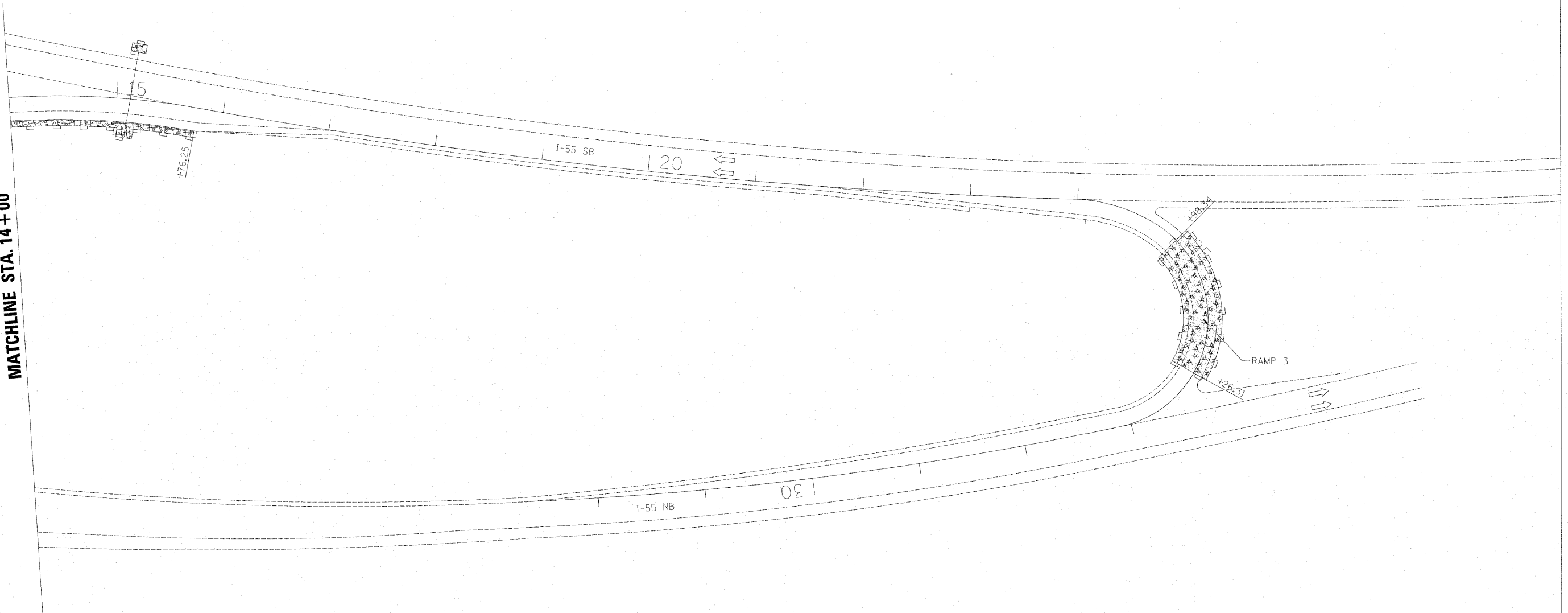
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	DATE - 08/11/2011	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION






I-55 AT IL ROUTE 129 (SB) EROSION CONTROL PLAN		
SCALE: 1"=50'	SHEET NO. 1 OF 2 SHEETS	STA. 0+00.00 TO STA. 14+00.00

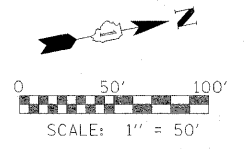
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2011-078-I	WILL	12	6
CONTRACT NO. 60R05			ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 14 + 00



LEGEND:

-  EROSION CONTROL BLANKET
-  SEEDING, CLASS 2A AND TOPSOIL FURNISH AND PLACE, 4"
-  SEEDING, CLASS 4 AND TOPSOIL FURNISH AND PLACE, 4"
-  MULCH, METHOD 2
-  PERIMETER EROSION BARRIER



**LIN ENGINEERING, LTD.**  
 Consulting Engineers  
 Chatham, Illinois

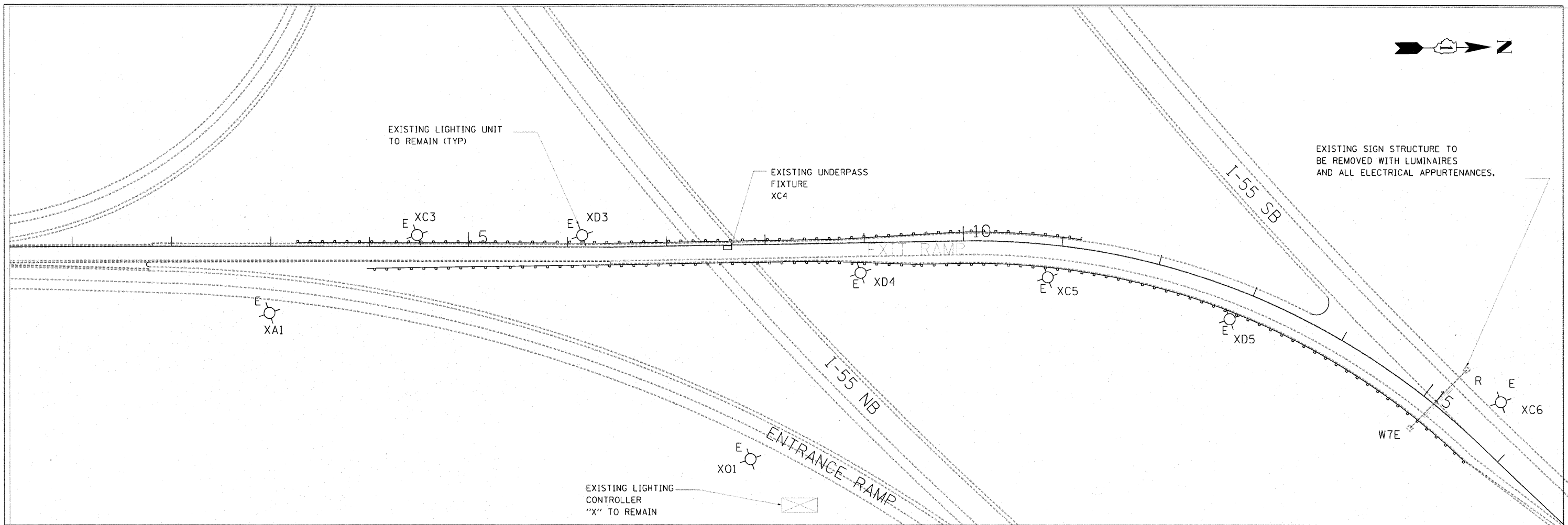
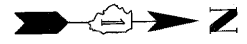
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**I-55 AT IL ROUTE 129 (SB)**  
**EROSION CONTROL PLAN**

SCALE: 1"=50'      SHEET NO. 2 OF 2 SHEETS      STA. 14+00.00 TO STA. 32+65.31

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2011-078-1	WILL	12	7
CONTRACT NO. 60R05				
ILLINOIS FED. AID PROJECT				



**GENERAL NOTES:**

1. IN ACCORDANCE WITH THE GENERAL ELECTRICAL REQUIREMENTS OF THE SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY ILLINOIS DEPARTMENT OF TRANSPORTATION TO LOCATE AND MARK/STAKE ALL STATE OWNED UNDERGROUND CABLE AND CONDUIT.
2. NOTE THAT THE POLE LOCATIONS WHERE INDICATED ON THE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING EQUIPMENT TO AVOID CONFLICTS WITH PROPOSED WORK.
3. IN ACCORDANCE WITH THE GENERAL ELECTRICAL REQUIREMENTS OF THE SPECIAL PROVISIONS, THE CONTRACTOR SHALL REQUEST A MAINTENANCE TRANSFER OF LIGHTING WHICH MAY BE AFFECTED BY THE WORK.
4. THE CONTRACTOR SHALL TAKE CARE DURING GUARDRAIL REMOVAL, PAVED SHOULDER REMOVAL AND PAVEMENT REMOVAL NOT TO DAMAGE ANY EXISTING LIGHTING RUNS WITHIN THE PROJECT LIMITS. IF THE CONTRACTOR DAMAGES ANY PART OF THE EXISTING LIGHTING SYSTEM, THE CONTRACTOR IS RESPONSIBLE FOR TIMELY REPAIR. THE CONTRACTOR SHALL REPLACE THE EQUIPMENT IN KIND TO THE SATISFACTION OF THE ENGINEER AT NO EXTRA COST TO THE CONTRACT.
5. THE CONTRACTOR SHALL REMOVE THE SIGN LUMINAIRES FROM SIGN W7E AS PART OF THE REMOVE OVERHEAD SIGN STRUCTURE-SPAN PAY ITEM.
6. THE CONTRACTOR SHALL DISCONNECT AND REMOVE THE ELECTRIC CONNECTION TO THE SIGN STRUCTURE INCLUDING THE DISCONNECT SWITCH, JUNCTION BOX, CONDUIT, CABLE AND FITTINGS. THIS WORK SHALL BE INCLUDED IN THE REMOVAL OF ELECTRIC CONNECTION TO SIGN STRUCTURE PAY ITEM.
7. THE CONTRACTOR SHALL ENSURE THAT THE SIGN REMOVAL WORK DOES NOT DAMAGE ANY PORTION OF THE EXISTING LIGHTING SYSTEM TO REMAIN OR CAUSE DAMAGE TO EXISTING REMOTE RADAR DETECTOR AND ANY ASSOCIATED SURVEILLANCE EQUIPMENT. IF THE CONTRACTOR DAMAGES ANY PART OF THE EXISTING LIGHTING SYSTEM OR SURVEILLANCE SYSTEM, THE CONTRACTOR IS RESPONSIBLE FOR TIMELY REPAIR. THE CONTRACTOR IS RESPONSIBLE TO REPLACE THE EQUIPMENT IN KIND TO THE SATISFACTION OF THE ENGINEER AT NO EXTRA COST TO THE CONTRACT.
8. THE CONTRACTOR SHALL REMOVE ANY ABANDONED UNDERPASS LUMINAIRES, JUNCTION BOXES, ELECTRICAL CABLE, CONDUIT AND APPURTANCES AT THE EXIT RAMP BRIDGE TO IL 129 OVER NB I-55. THIS WORK SHALL BE INCLUDED WITH THE REMOVAL OF EXISTING SUPERSTRUCTURE PAY ITEM.
9. PAY ITEM "REMOVAL OF ELECTRICAL SERVICE INSTALLATION" SHALL INCLUDE REMOVAL OF ALL SERVICE EQUIPMENT FROM SIGN STRUCTURE TO THE COMED POLE AS WELL AS EQUIPMENT ON THE COMED POLE NOT OWNED BY COMED. THE CONTRACTOR SHALL COORDINATE WORK WITH COMED TO ENSURE SERVICE HAS BEEN DISCONNECTED PRIOR TO REMOVAL OF EQUIPMENT.

**SUMMARY OF QUANTITIES - ROADWAY LIGHTING IMPROVEMENT**

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1
X8040150	REMOVAL OF ELECTRIC CONNECTION TO SIGN STRUCTURE	EACH	1
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	1

\* REQUIRES SPECIAL PROVISIONS

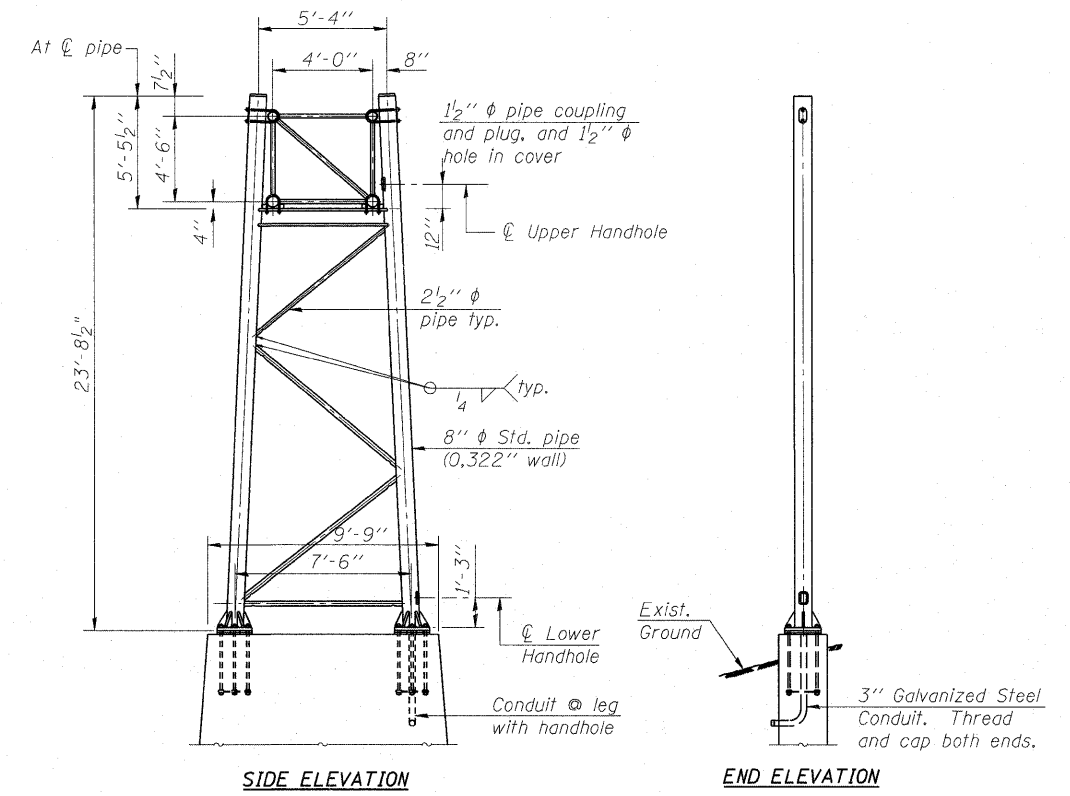
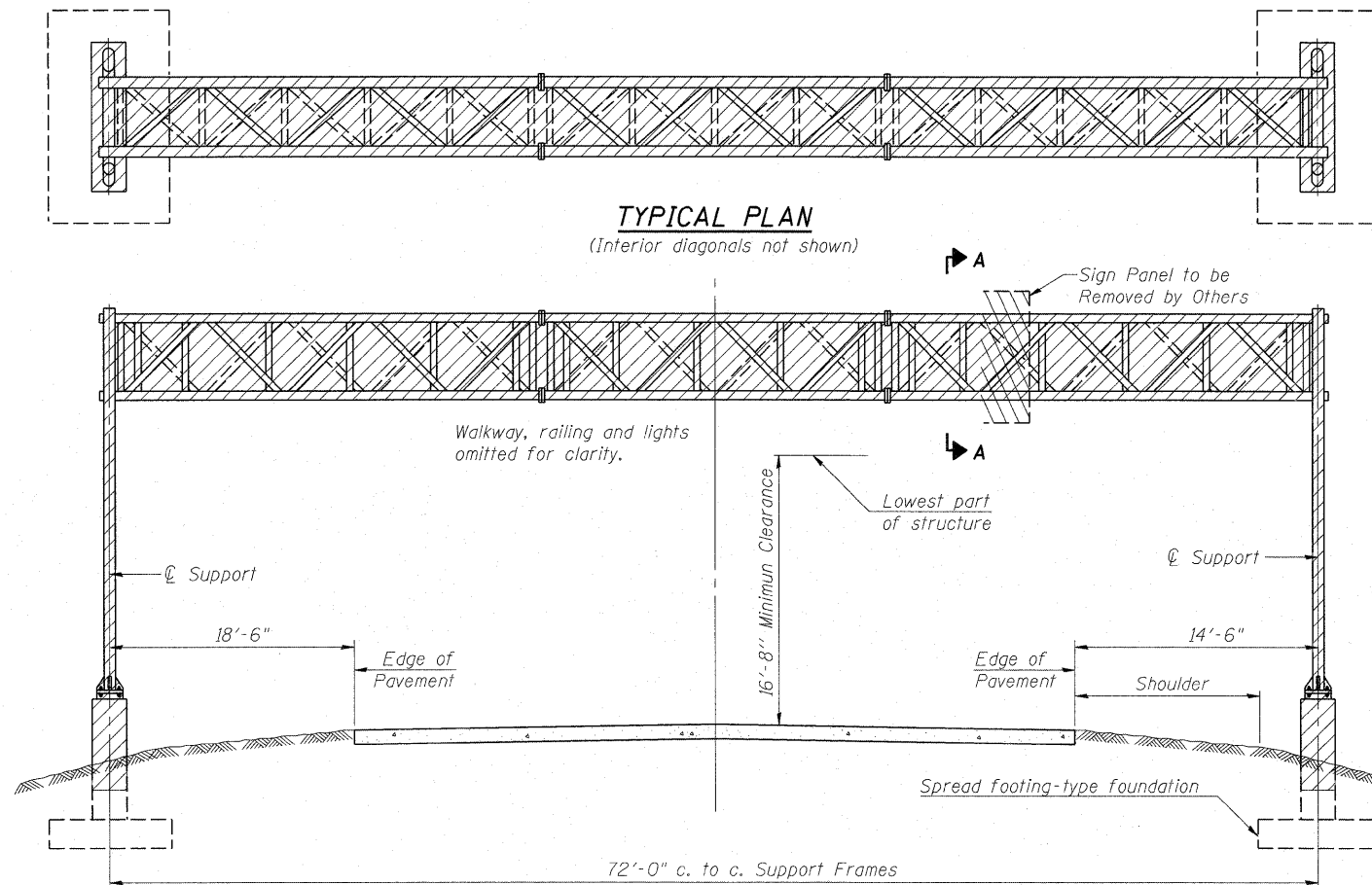
**AMES Engineering, Inc.**  
 Consulting Engineers  
 1341 Warren Avenue  
 Downers Grove, IL 60515

FILE NAME =	USER NAME = #USER#	DESIGNED - BL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 129 AT I-55 ELECTRICAL EQUIPMENT REMOVAL	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	DRAWN - MSA	REVISED -			55	2011-078-1	WILL	22	8
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						ILLINOIS FED. AID PROJECT				

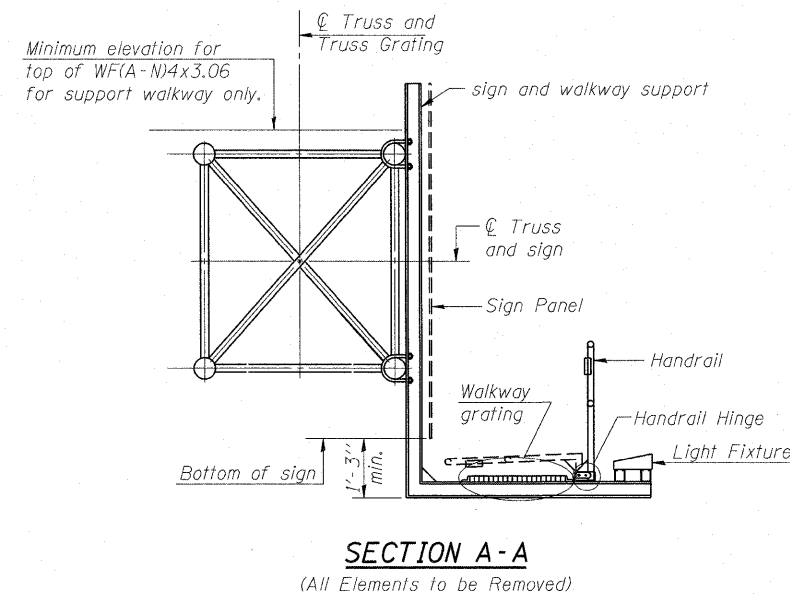


Existing Structure: Overhead sign structure-span, type I, built in 1960, 72'-0" Span, 16'-8" vertical clearance, walkway length is 39'-6", 14 panels with 2 splices. There are four fluorescent lights on the sign structure.

Salvage: None.



**8"  $\phi$  PIPE TRUSS SUPPORT FRAME**  
(To be Removed)



**SCOPE OF WORK:**

Remove entire existing overhead sign structure including, but not limited to, sign truss, walkway, railing, lighting, conduits, posts and concrete foundation to 1 foot below grade. Lane closures will be required.

The sign panels will be removed by IDOT.

**Note:**  
Plan dimensions and details relative to existing sign structure are subject to normal construction variations. The Contractor shall field verify existing dimensions and details affecting the removal and make necessary adjustments. Such variations shall not be cause for additional compensation.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	1
REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	2

Structure Number	Station	Design Truss Type	c. to c. Supports (Ft.)	Total Sign Area (Sq. Ft.)
1s09910551238.5	1656+30.3	1	72'-0"	280.5

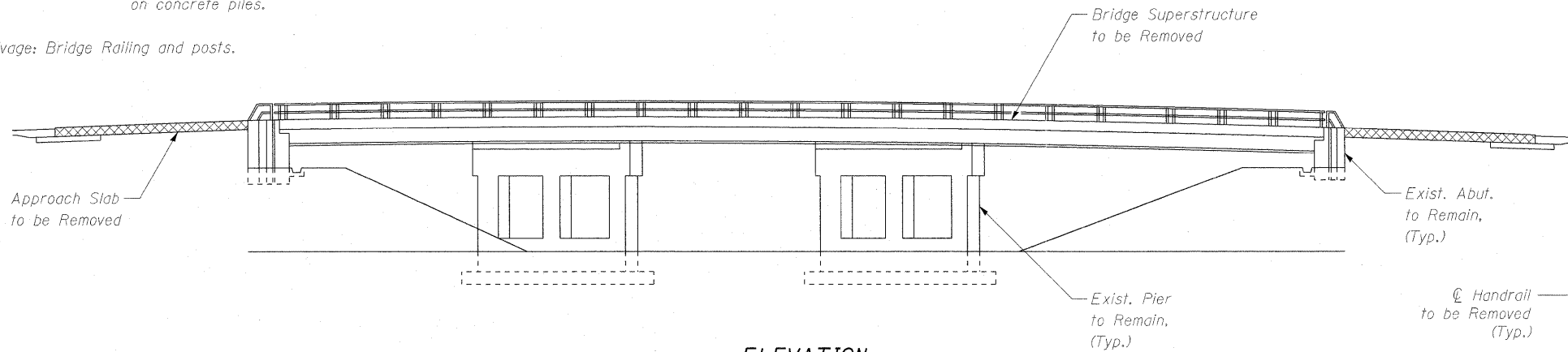
**Legend:**  
 Indicates Area to be Removed.  
 Indicates Existing Sign Panel.

**SIDE ELEVATION**

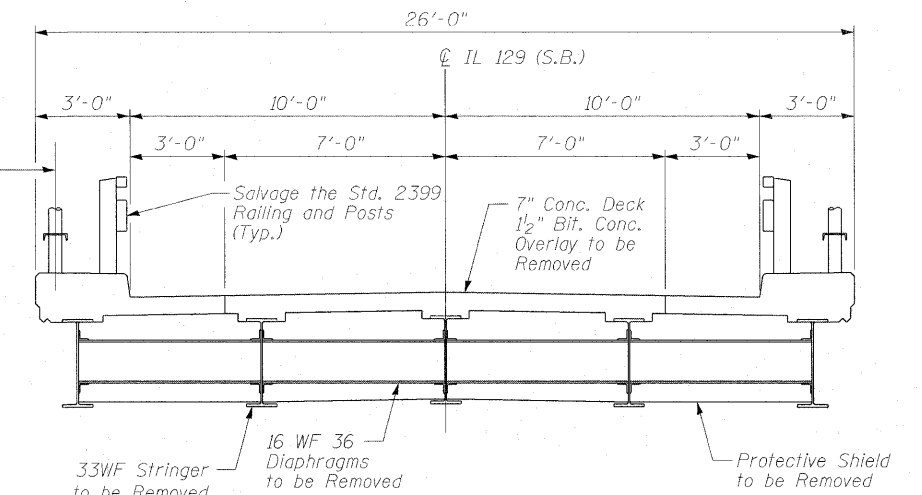
**END ELEVATION**

Existing Structure: S.N. 099-0163 built in 1956 as a three span steel multiple beam bridge with 7-inch non-composite concrete deck. Total length 165'-2<sup>5</sup>/<sub>8</sub>" back to back of abutments and width 26'-0" out to out. Substructure consists of two piers and two abutments supported on concrete piles.

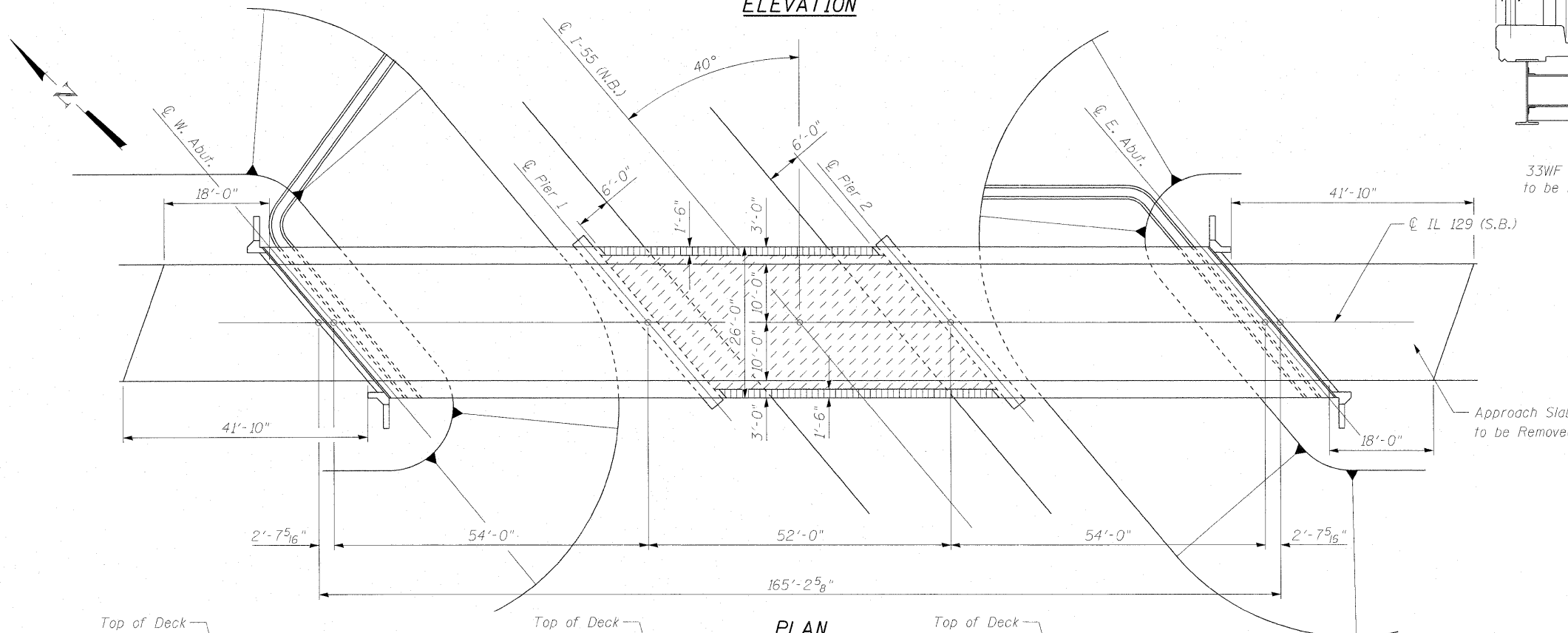
Salvage: Bridge Railing and posts.



**ELEVATION**



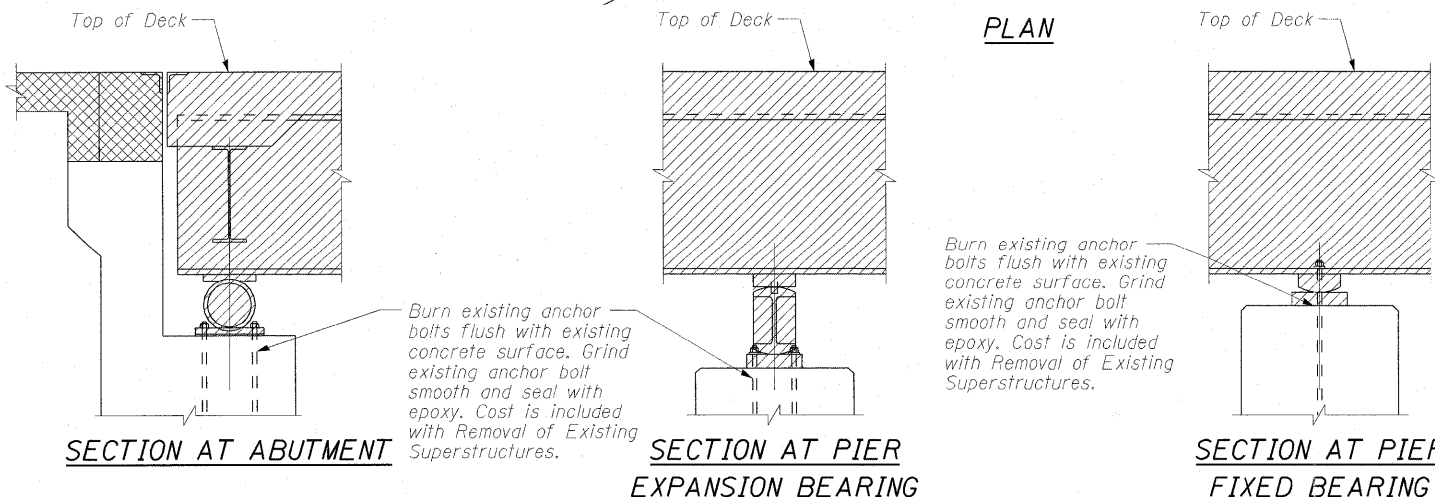
**TYPICAL CROSS SECTION**



**PLAN**

**GENERAL NOTES:**

1. The existing bearings contain lead. The Contractor shall take appropriate precaution to deal with the presence of lead on this project.
2. Areas of existing bridge have permanent protective shield in place. If any part of the existing permanent protective shield system is to be re-used as temporary protective shield, the Contractor shall submit design calculations to the Engineer proving the system meets the requirements of Article 501.03 of the Standard Specifications. The calculations shall be prepared and sealed by an Illinois Licensed Structural Engineer. The cost of removal of all Protective Shield, temporary and existing permanent protective shield shall be included in the cost of Protective Shield.
3. The removal of existing protective shield system is included with the cost of Removal of Existing Superstructures.
4. The existing bridge metal railing and posts (Std. 2399) mounted on the curbs shall be salvaged and delivered by the Contractor to District 1 Bridge Field Office, 1101 Biesterfeld Rd. Elk Grove, IL. The Contractor shall remove, transport, and unload the existing railing. Length of railing = 325'. The cost for this work shall be included in the Pay Item for Removal of Existing Superstructures.
5. See electrical plans for coordination with lighting and conduit disconnection and removal.

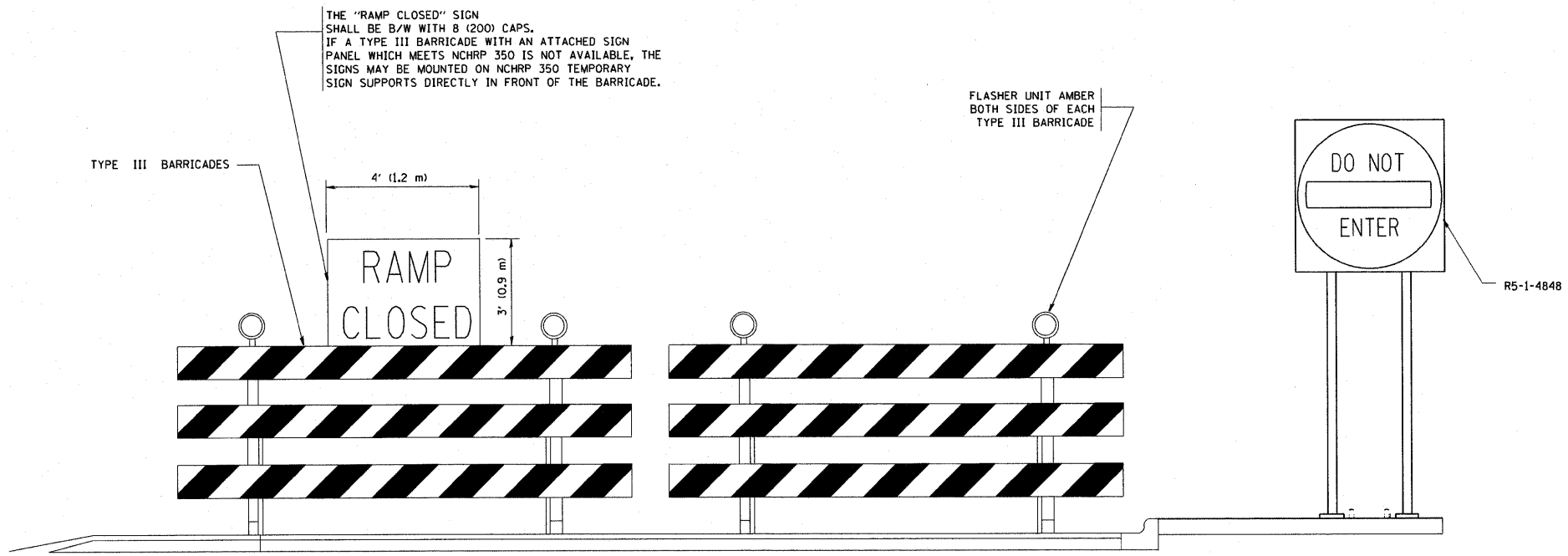
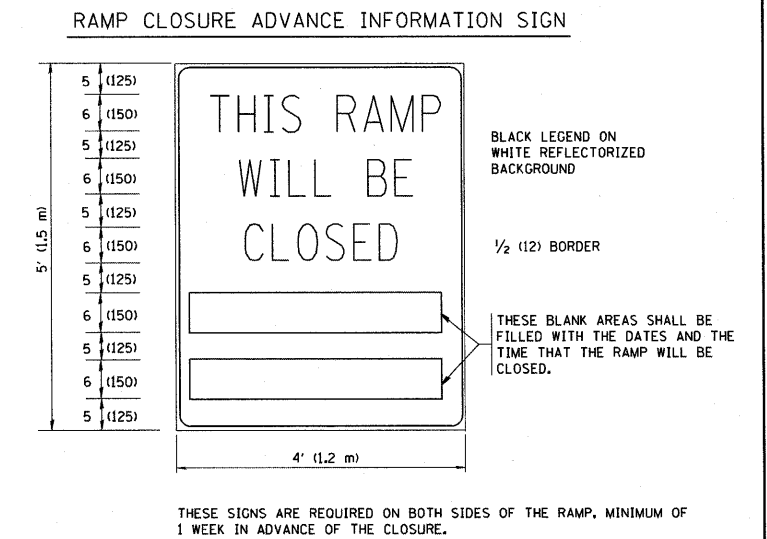
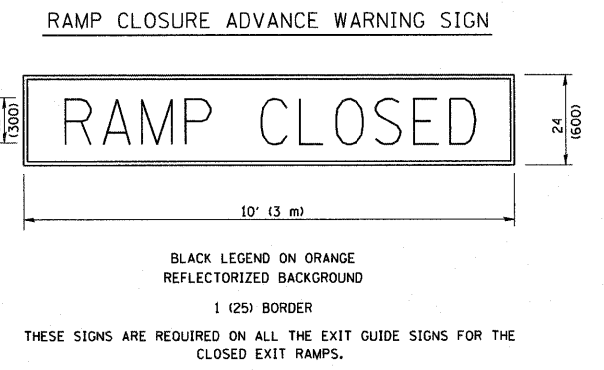
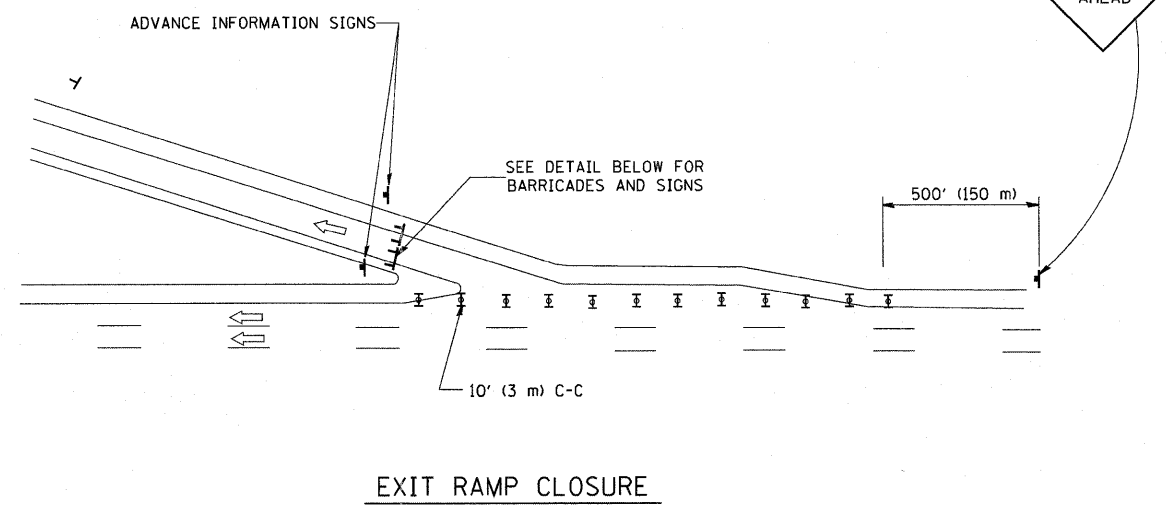
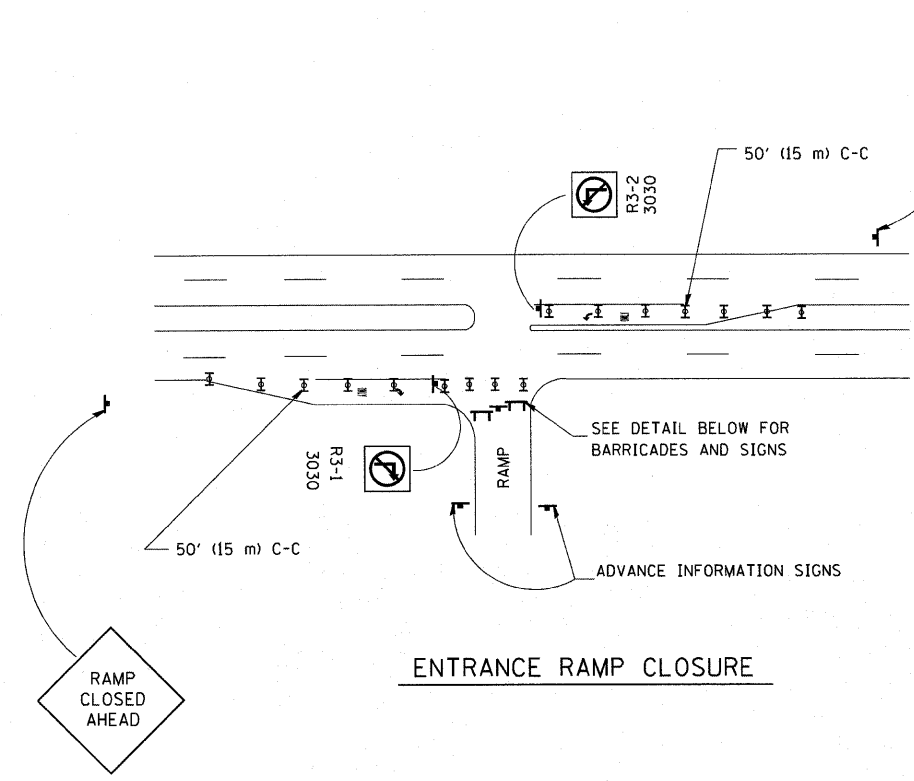


**TOTAL BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Removal of Existing Superstructures	Each	1
Approach Slab Removal	Sq. Yd.	133
Protective Shield	Sq. Yd.	140

- Legend:**
- Removal of Existing Superstructures
  - Removal of Approach Slab
  - Existing Permanent Protective Shield System & Protective Shield
  - Protective Shield

**GENERAL PLAN AND ELEVATION  
IL-129 (S.B.) OVER I-55 (N.B.)  
FAI 55 - SECTION 2011-078-1  
WILL COUNTY  
STATION 1+40  
STRUCTURE NO. 099-0163**



- GENERAL NOTES:
- CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
  - STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
  - A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
  - ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
  - THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
  - AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
  - THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY-FOUR (24) HOURS IN LENGTH.

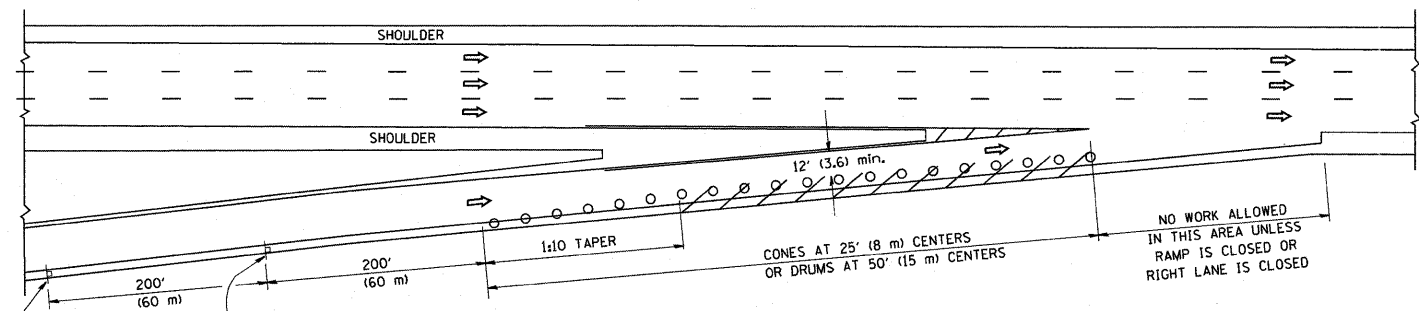
- SYMBOLS
- ▬ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
  - ▬ TYPE III BARRICADE WITH FLASHING LIGHT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

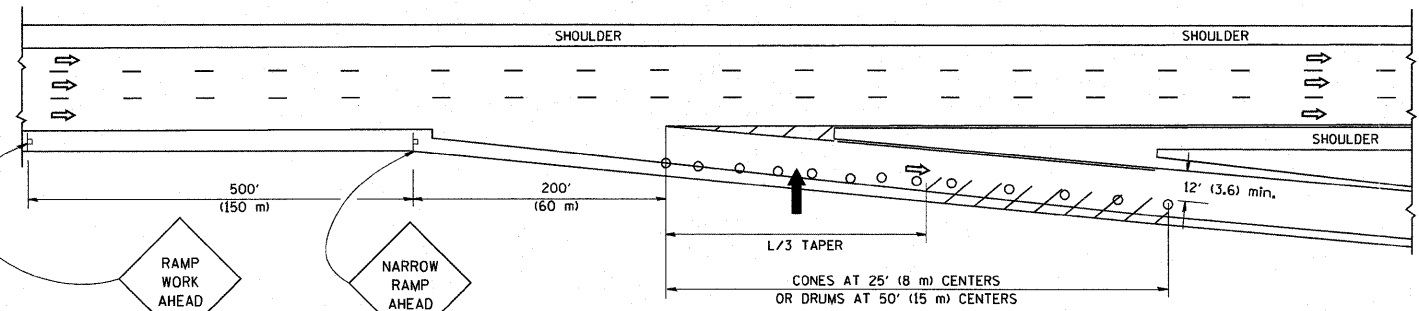
FILE NAME = W:\diatstd\22x34\to08.dgn	USER NAME = geglinoht	DESIGNED - DWS	REVISED - DWS 12-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FREEWAY ENTRANCE AND EXIST RAMP CLOSURE DETAILS</b>			F.A. RTE. 55	SECTION 2011-078-1	COUNTY WILL	TOTAL SHEETS 12	SHEET NO. 11
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - DWS/JAF 12-02					<b>TC-08</b>		CONTRACT NO. 60R05		
	PLOT DATE = 1/4/2008	DATE - 02-83	REVISED - JAF 02-06									
			REVISED - SPB 01-07									
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.					
								FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

PARTIAL RAMP CLOSURE DETAILS

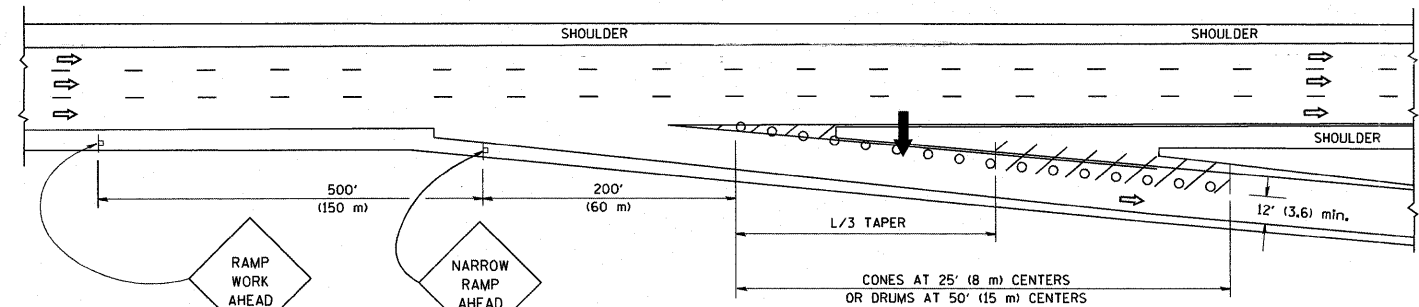
SHOULDER CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

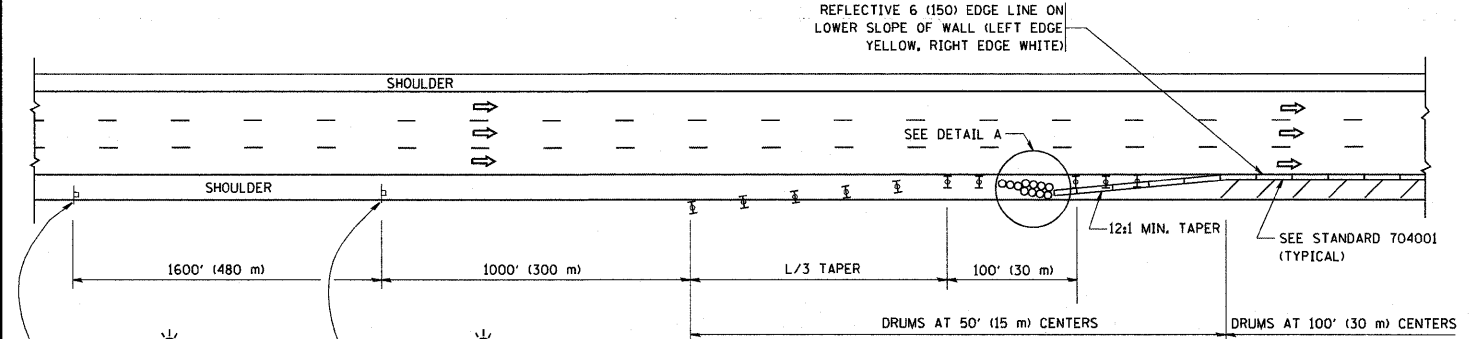
SYMBOLS

- ➔ ARROWBOARD
- ▨ WORK AREA
- ┼ SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- ⊕ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

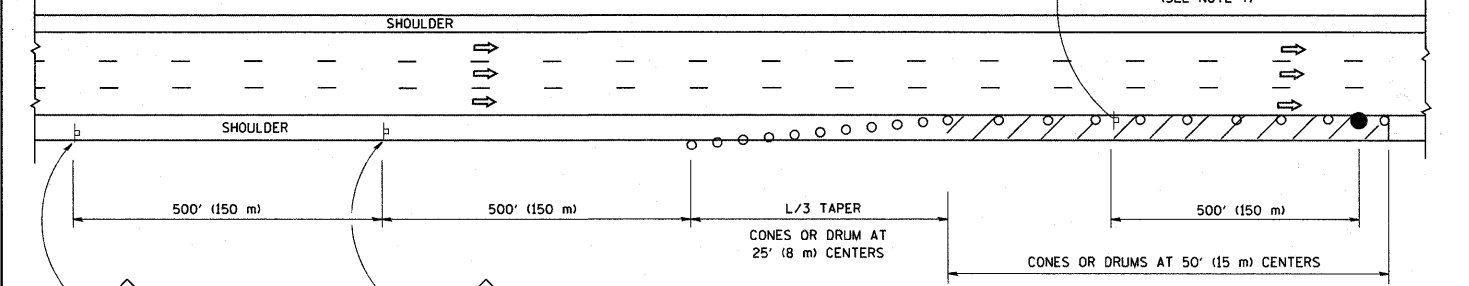
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:
 

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC: $L=0.65(W)(S)$ ENGLISH: $L=(W)(S)$
	W = WIDTH OF OFFSET IN FEET (METERS)
	S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

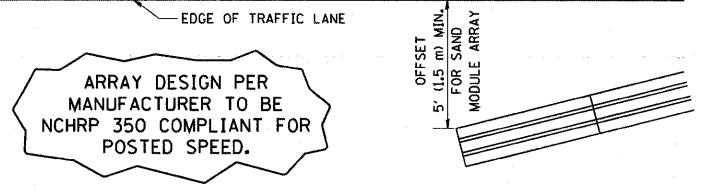


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:  
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUSH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A" IMPACT ATTENUATOR, TEMPORARY (SEE NOTE 5)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\1c17.dgn	USER NAME = gaglanobt	DESIGNED -	REVISED - J.A.F. 12-02	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES</b>			F.A. RTE. 55	SECTION 2011-078-1	COUNTY WILL	TOTAL SHEETS 12	SHEET NO. 12
		DRAWN - D.W.S.	REVISED - 04-03		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			TC-17 CONTRACT NO. 60R05				
		CHECKED -	REVISED - J.A.F. 12-06		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT							
		DATE - 11-96	REVISED - S.P.B. 01-07									