

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	2008-027 DM	COOK	10	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 60E58	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

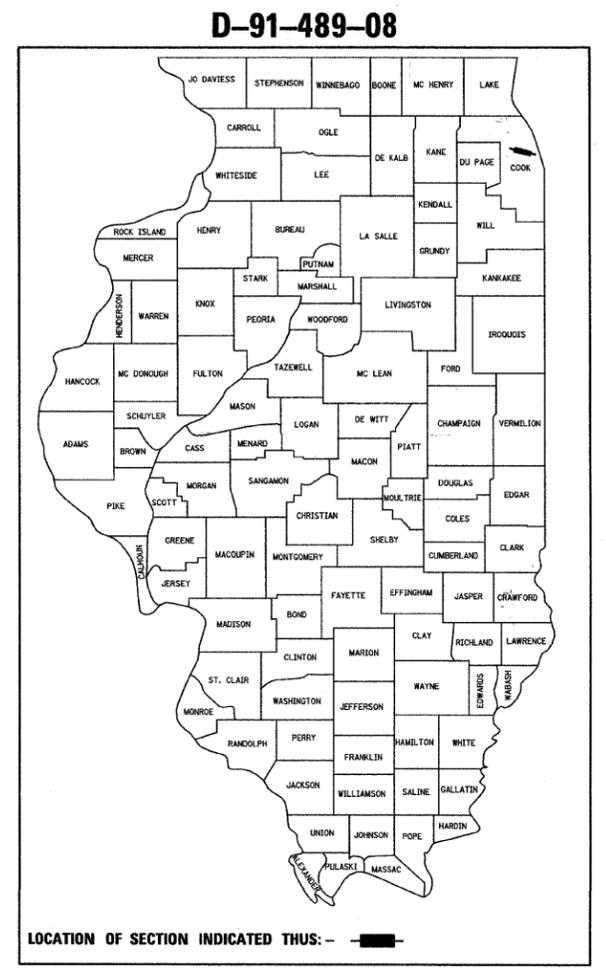
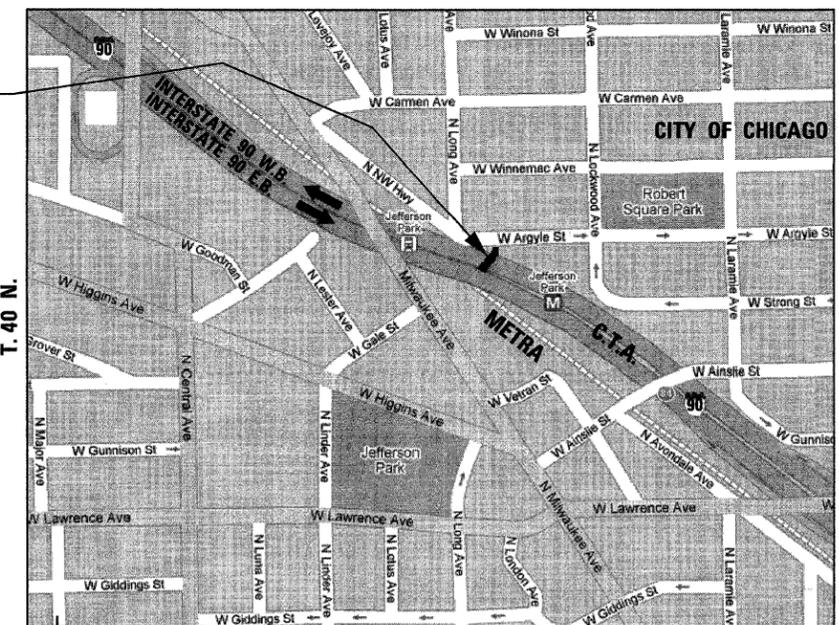
F.A.I. RTE. 90 (INTERSTATE 90)
SECTION: 2008-027 DM
AT LONG AVENUE
PEDESTRIAN BRIDGE REMOVAL AND DEMOLITION
COOK COUNTY
C-91-489-08

JEFFERSON TOWNSHIP
R. 13 E.

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS
LOCATED WITHIN THE:
CITY OF CHICAGO

LOCATION:
**PEDESTRIAN BRIDGE
OVER W.B. I-90 & C.T.A.
S.N. 016-1103**



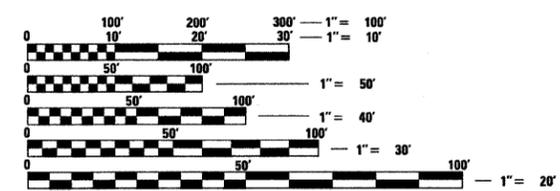
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED July 11, 2008

Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ONE ENGINEER

August 15, 2008
Eric E. Haran
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

August 15, 2008
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER



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.

C.U.A.N.
CHICAGO UTILITY ALERT NETWORK
1-312-744-7000

GROSS LENGTH OF PROJECT = 229.08 FEET = 0.043 MILES
NET LENGTH OF PROJECT = 229.08 FEET = 0.043 MILES



Bhadresh N. Shah
BHADRESH N. SHAH, S.E., P.E.
EXPIRES: 11-30-2008

07-15-2008
DATE

CR & A
CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS / PLANNERS / SURVEYORS
211 W. WACKER DRIVE CHICAGO, IL 60606
TELEPHONE: 312-372-2023

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

DISTRICT ONE - DESIGN PROJECT MANAGER: KEN ENG (847) 705-4247

CONTRACT NO. 60E58

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, LIST OF STATE STANDARDS, SCOPE OF WORK AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
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5 - 9	EXISTING STRUCTURAL DRAWINGS - FOR INFORMATION ONLY
10	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES, PARTIAL RAMP CLOSURES (TC-17)

LIST OF STATE STANDARDS

STANDARD NO. DESCRIPTION

000001 - 05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
664001 - 01	CHAIN LINK FENCE
701400 - 02	APPROACH LANE CLOSURE, FREEWAY/EXPRESSWAY
701401 - 04	LANE CLOSURE FREEWAY/EXPRESSWAY
701446	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701801 - 03	LANE CLOSURE MULTILANE...
701901	TRAFFIC CONTROL DEVICES
704001 - 04	TEMPORARY CONCRETE BARRIER
701411 - 04	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP...
701426	LANE CLOSURE, MULTILANE, INTERMITTANT OR MOVING OPERATIONS...

SCOPE OF WORK

- INSTALL 150' TEMPORARY FENCE AT SITE, PROVIDE ACCESS CONTROL FOR I-90 AND SECURE THE CONSTRUCTION SITE.
- INSTALL 78 SQ. YD. OF PROTECTIVE SHIELDING IN THE SPAN OVER I-90 AND CTA.
- REMOVE ENTIRE SUPERSTRUCTURE INCLUDING THREE BRIDGE SPANS AND CONCRETE STAIRCASE.
- PARTIAL REMOVAL OF THE CONCRETE SUB STRUCTURE:
 - REMOVE PIERS 1 AND 2 FLUSH WITH THE ADJACENT RETAINING WALL AND MEDIAN BARRIER WALL.
 - REMOVE STAIR PIER AND LANDING FOOTING TO 2 FEET BELOW THE EXISTING GRADE.
- INSTALL ACCESS CONTROL FENCE AND METRA STATION PLATFORM FENCE:
 - INSTALL 140'± - CHAIN LINK FENCE 4' TO COMPLETE ACCESS CONTROL FENCE ALONG ARGYLE ST.
 - INSTALL 28'± - CHAIN LINK FENCE 4', ATTACHED TO STRUCTURE ON TOP OF THE ABUTMENT ALONG THE CTA TRACKS AND RETAINING WALL ALONG THE OUTSIDE SHOULDER.
 - INSTALL 12'± - CHAIN LINK FENCE 4', ATTACHED TO STRUCTURE ALONG METRA STATION PLATFORM.
- REMOVE THREE CITY OF CHICAGO LIGHT POLES, TWO MOUNTED ON THE STRUCTURE AND ONE ON CONCRETE FOUNDATION AT STAIRCASE LANDING.
- REMOVE 538 SQ. FT. OF SIDEWALK IN THE PARKWAY AND SPUR TO THE STAIR CASE.
- RESTORE DISTURBED AREAS WITH TOPSOIL, SODDING AND WOOD MULCH.

GENERAL NOTES

1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH RESPECTIVE UTILITIES OR THE CITY OF CHICAGO INCLUDING THE CTA AND METRA. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "CUAN" CHICAGO UTILITY ALERT NETWORK AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED). CONTACT THE CTA AT (312) 922-4080 FOR ELECTRIC SERVICE LOCATIONS. CTA IS NOT PART OF CUAN OR JULIE.
2. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
3. WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
4. THIS WORK IS IN THE CHICAGO GATEWAY GREEN PARTNERSHIP AREA. THE CONTRACTOR WILL NOT BE ALLOWED TO STORE MATERIALS OR EQUIPMENT ON THE KENNEDY EXPRESSWAY RIGHT-OF-WAY.
5. THE CONTRACTOR SHALL COORDINATE THE EXPRESSWAY LANE CLOSURES WITH THE LAWRENCE AVENUE OVER I-90 PROJECT, WHICH WILL BE CONSTRUCTED IN 2009.
6. THE 12 FOOT LENGTH OF FENCE ATTACHED TO THE METRA STATION PLATFORM SHALL HAVE A BLACK VINYL COATING ON ALL POSTS, POLES, HARDWARE AND FENCE FABRIC. THE COST OF FOR THIS MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE FOR "CHAIN LINK FENCE 4', ATTACHED TO STRUCTURE".

CTA NOTES

1. WHEN THE CONTRACTOR IS DISMANTLING THE PEDESTRIAN OVERPASS BRIDGE HE SHALL AVOID ANY DAMAGE TO THE CTA STRUCTURES AND MAINTAIN THE EXISTING CLEARANCES.
2. THE CONTRACTOR SHALL FOLLOW ALL THE SPECIAL REQUIREMENTS OF THE CTA WHEN WORKING OVER AND NEXT TO CTA TRACKS. SEE SPECIAL PROVISION "CTA COORDINATION."

METRA NOTES

1. WHEN THE CONTRACTOR IS DISMANTLING THE PEDESTRIAN OVERPASS BRIDGE, HE SHALL AVOID ANY DAMAGE TO THE METRA STATION PLATFORM.

UNION PACIFIC RAILROAD NOTES

WHEN WORKING ON UNION PACIFIC PROPERTY:

1. WORK WINDOWS WILL BE FROM 9:00 AM - 3:30 PM, MONDAY THRU FRIDAY. EXTENDED WORK WINDOWS MAY BE AVAILABLE ON WEEKENDS. NIGHT WORK WINDOWS ARE AVAILABLE FROM 8:00 PM TO 4:00 AM. PLEASE PROVIDE AT LEAST 2-3 BUSINESS DAYS OF ADDITIONAL NOTICE WHEN REQUESTING TO WORK AT NIGHT TO ENSURE APPROPRIATE FLAGGING COVERAGE. ALSO, THERE CAN BE NO WORK EQUIPMENT ON THE COMMUTER PLATFORM.
2. A CONTRACTOR'S RIGHT OF ENTRY PERMIT IS REQUIRED BEFORE ANY WORK CAN COMMENCE ON UNION PACIFIC PROPERTY.
3. FLAGGING PROTECTION WILL BE REQUIRED FOR ALL WORK WITHIN 25 FEET OF THE NEAREST TRACK, OR AS DETERMINED BY THE UNION PACIFIC.
4. DEMOLITION PLANS MUST BE REVIEWED AND APPROVED BY THE UNION PACIFIC.

NOTE: BOXED ITEMS ARE INCIDENTAL.

FILE NAME = D160E58-sht-gennote.dgn
PLOT DATE = 7/15/2008



DESIGNED -	M.P.	REVISED -	
DRAWN -	A.C.S.	REVISED -	
CHECKED -	S.J.P.	REVISED -	
DATE -	JULY 15, 2008	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, LIST OF STATE STANDARDS, SCOPE OF WORK AND
GENERAL NOTES LONG AVENUE PEDESTRIAN OVERPASS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	2008-027 DM	COOK	10	2
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E58	

SUMMARY OF QUANTITIES			URBAN 100% STATE	
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	CONSTRUCTION TYPE CODE
				DEMOLITION SFTY-2A
20101000	TEMPORARY FENCE	FOOT	150	150
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	28	28
25200110	SODDING, SALT TOLERANT	SQ YD	28	28
44000600	SIDEWALK REMOVAL	SQ FT	538	538
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1
50157300	PROTECTIVE SHIELD	SQ YD	78	78
66400105	CHAIN LINK FENCE, 4'	FOOT	140	140
66400525	CHAIN LINK FENCE, 4' ATTACHED TO STRUCTURE	FOOT	40	40
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2
67100100	MOBILIZATION	L SUM	1	1
84200600	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	3	3
84200700	LIGHTING FOUNDATION REMOVAL	EACH	1	1
K0036120	MULCH PLACEMENT, 4"	SQ YD	32	32
X0325303	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	106	106
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1

FILE NAME = D160E58-eh-t-S00.dgn
PLOT DATE = 7/15/2008

CR CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
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DESIGNED - M.P.	REVISED -
DRAWN - A.C.S.	REVISED -
CHECKED - S.J.P.	REVISED -
DATE - JULY 15, 2008	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
LONG AVENUE PEDESTRIAN OVERPASS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	2008-027 DM	COOK	10	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				CONTRACT NO. 60E58

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL

STAGE 1 CONSTRUCTION :

1. INSTALL PROTECTIVE SHIELD IN THE TWO SPANS OVER W.B. I-90 AND CTA TRACKS.
2. INSTALL TEMPORARY FENCE ALONG W. ARGYLE ST.

STAGE 2 CONSTRUCTION :

1. SPAN ADJACENT TO METRA PLATFORM, BETWEEN PEDESTAL #4 - PEDESTAL #3, REMOVE STEEL RAILING, CONCRETE DECK AND THE STEEL BEAMS.
2. INSTALL FENCE ON THE METRA PLATFORM TO CLOSE GAP.

STAGE 3 CONSTRUCTION :

1. REMOVE STEEL RAILING, LIGHT POLE AND CONCRETE DECK FROM THE SPANS OVER W.B. I-90 AND CTA.

STAGE 1 TRAFFIC CONTROL :

1. WORK ALONG AND OVER THE CTA TRACKS SHALL BE COORDINATED WITH THE CTA.
2. LANE CLOSURES OF ONE OR TWO LANES ON W.B. I-90 SHALL BE ACCOMPLISHED UTILIZING STANDARDS 701401 AND 701446 DURING NIGHT-TIME OFF-PEAK HOURS.

STAGE 2 TRAFFIC CONTROL :

1. WORK ALONG AND ON STATION PLATFORM SHALL BE COORDINATED WITH METRA AND UNION PACIFIC RAILROAD.
2. WORK ALONG AND OVER THE CTA TRACKS SHALL BE COORDINATED WITH THE CTA.
3. LANE CLOSURES OF ONE OR TWO LANES ON THE W.B. I-90 SHALL BE ACCOMPLISHED UTILIZING STANDARDS 701401 AND 701446 DURING NIGHT-TIME OFF-PEAK HOURS.

STAGE 3 TRAFFIC CONTROL :

1. WORK ALONG AND OVER THE CTA TRACKS SHALL BE COORDINATED WITH THE CTA.
2. LANE CLOSURES OF ONE OR TWO LANES ON THE W.B. I-90 SHALL BE ACCOMPLISHED UTILIZING STANDARDS 701401 AND 701446 DURING NIGHT-TIME OFF-PEAK HOURS.

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL (CONTINUED)

STAGE 4 CONSTRUCTION :

1. REMOVE THE STAIRS BETWEEN PIER # 1 AND THE FOUNDATION AT NORTH END OF THE BRIDGE.
2. REMOVE THE PIER FOR THE STAIRS AND THE FOUNDATION AT NORTH END.

STAGE 5 CONSTRUCTION :

1. REMOVE THE STEEL BEAMS FOR THE SPAN OVER THE W.B. I-90 LANES.
2. REMOVE THE PIER #1 ALONG THE OUTSIDE SHOULDER OF W.B. I-90.
3. INSTALL FENCE TO CLOSE GAP IN RETAINING WALL FENCING.

STAGE 6 CONSTRUCTION :

1. REMOVE THE STEEL BEAMS FOR THE SPAN OVER THE CTA TRACKS.
2. REMOVE THE PIER #2 ALONG THE INSIDE SHOULDER OF W.B. I-90.
3. INSTALL FENCE TO CLOSE GAP IN THE FENCE ON TOP OF ABUTMENT ALONG SOUTH EDGE OF CTA TRACKS.

STAGE 7 CONSTRUCTION :

1. REMOVE THE SIDEWALK SPUR AND PARKWAY SIDEWALK ALONG W. ARGYLE ST.
2. RESTORE DISTURBED AREAS WITH TOPSOIL AND SOD OR WOOD MULCH.
3. INSTALL FENCE TO COMPLETE I-90 ACCESS CONTROL FENCING.

STAGE 4 TRAFFIC CONTROL :

1. LANE CLOSURES OF ONE OR TWO LANES ON THE W.B. I-90 SHALL BE ACCOMPLISHED UTILIZING STANDARDS 701401 AND 701446 DURING NIGHT-TIME OFF-PEAK HOURS.
2. CLOSE SIDEWALK ALONG W. ARGYLE ST. AS SHOWN ON STANDARD 701801.

STAGE 5 TRAFFIC CONTROL :

1. WORK ALONG AND OVER THE CTA TRACKS SHALL BE COORDINATED WITH THE CTA.
2. LANE CLOSURES OF ONE OR TWO LANES ON THE W.B. I-90 SHALL BE ACCOMPLISHED UTILIZING STANDARDS 701401 AND 701446 DURING NIGHT-TIME OFF-PEAK HOURS.
3. FULL EXPRESSWAY CLOSURE DURING BEAM REMOVAL MUST BE COORDINATED WITH IDOT.

STAGE 6 TRAFFIC CONTROL :

1. WORK ALONG AND OVER THE CTA TRACKS AND TEMPORARY TRAFFIC SHUTDOWN OF CTA TRAINS DURING BEAMS REMOVAL SHALL BE COORDINATED WITH THE CTA.
2. LANE CLOSURES OF ONE OR TWO LANES ON THE W.B. I-90 SHALL BE ACCOMPLISHED UTILIZING STANDARDS 701401 AND 701446 DURING NIGHT-TIME OFF-PEAK HOURS.
3. FULL EXPRESSWAY CLOSURE DURING BEAM REMOVAL MUST BE COORDINATED WITH IDOT.

STAGE 7 TRAFFIC CONTROL :

1. CLOSE SIDEWALK ALONG W. ARGYLE ST. AS SHOWN ON STANDARD 701801.

TRAFFIC CONTROL GENERAL NOTES

1. COORDINATION MUST BE MAINTAINED WITH METRA AND UNION PACIFIC RAILROAD DURING ALL CONSTRUCTION ACTIVITIES ALONG THE STATION PLATFORM INCLUDING:
 - REMOVAL OF SOUTH SPAN OF PEDESTRIAN OVERPASS.
 - INSTALLATION OF FENCE ON STATION PLATFORM.
2. COORDINATION MUST BE MAINTAINED WITH CTA DURING ALL CONSTRUCTION ACTIVITIES ON, OVER OR IN THE VICINITY OF CTA TRACKS INCLUDING:
 - INSTALLATION OF PROTECTIVE SHIELDING.
 - REMOVAL OF ALL SPANS.
 - PARTIAL REMOVAL OF PIER #2.
 - INSTALLATION OF THE FENCE ON ABUTMENT ALONG CTA TRACKS.
3. THE COST OF TRAFFIC CONTROL AND PROTECTION AND SIDEWALK CLOSURE ALONG W. ARGYLE ST. SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

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PLOT DATE = 7/15/2008



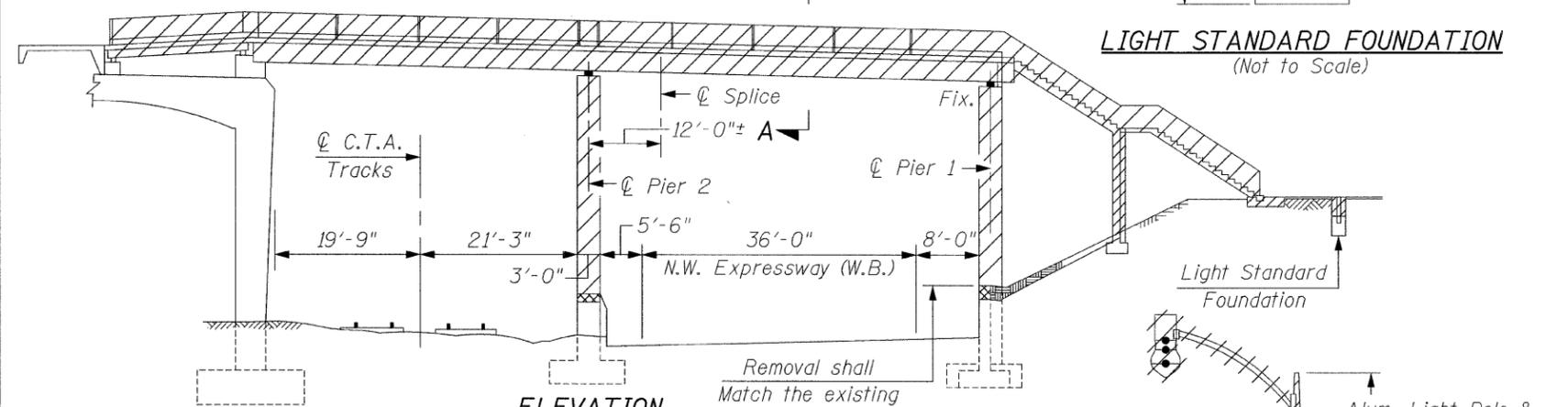
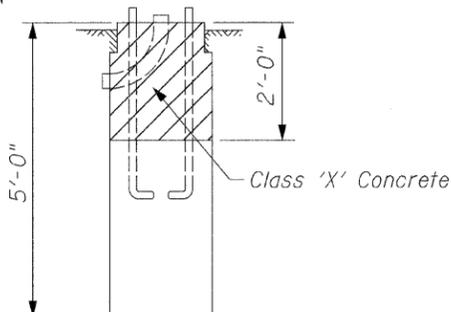
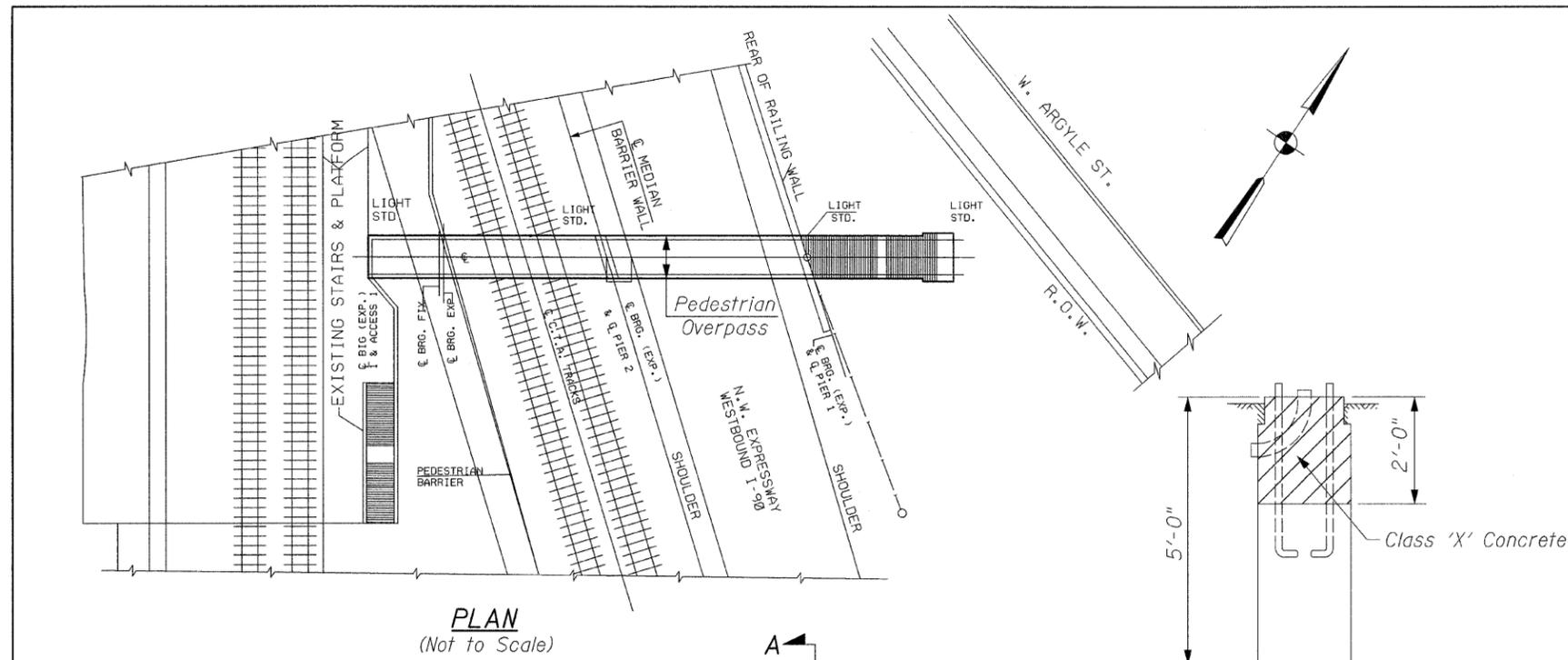
DESIGNED - M.P.	REVISED -
DRAWN - A.C.S.	REVISED -
CHECKED - S.J.P.	REVISED -
DATE - JULY 15, 2008	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
GENERAL NOTES LONG AVENUE PEDESTRIAN OVERPASS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

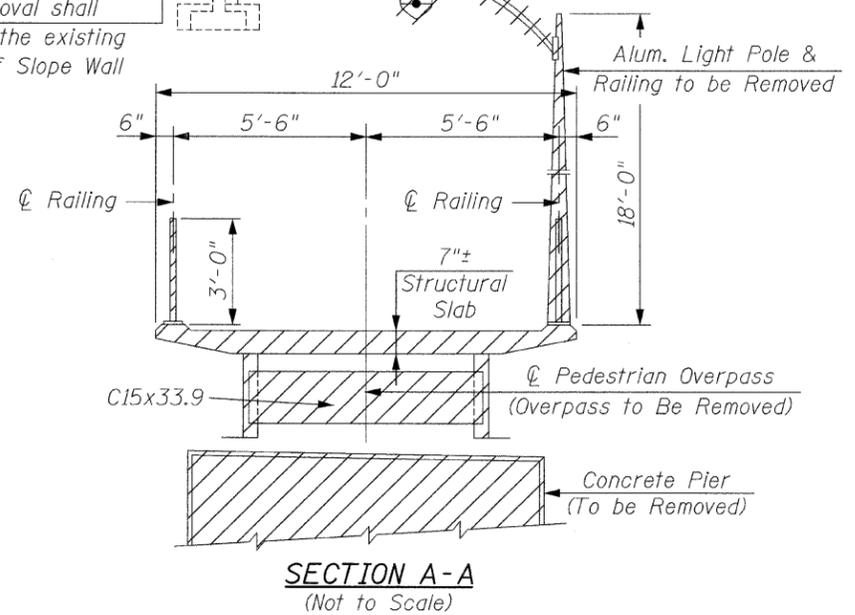
F.A.I. RTE. 90	SECTION 2008-027 DM	COUNTY COOK	TOTAL SHEETS 10	SHEET NO. 4
CONTRACT NO. 60E58				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* Bill of Material indicate Quantities that were use to Construct the Pedestrian Overpass

***BILL OF MATERIAL**

Item	Unit	Total
Furnishing Structural Steel	Lbs.	29,000
Erecting Structural Steel	Lbs.	29,000
Pipe Handrail	L.F.	340
Cast Iron Water Pipe, 8" Dia.	L.F.	68
Class "A" Excavation for Structures	Cu. Yd.	150
Class "X" Concrete	Cu. Yd.	200
Reinforcement Bars	Lbs.	26,000
Cast Iron Water Pipe, 4" Dia.	L.F.	80
Lighting	L.S.	1



GENERAL NOTES:

Detail Demolition Plans for work to be Performed over I-90 and both the UP RR Right of Way and the C.T.A. Right of Way, shall be submitted to the C.T.A., to UP RR and the Engineer for their review and approval. The Demolition Plans shall comply with both UP RR and C.T.A. requirements and shall include Detailed Plans for the Protective Shield System prepared by a Licensed Structural Engineer in Illinois. Refer to the Special Provision, Removal of Existing Structures, for additional requirements.

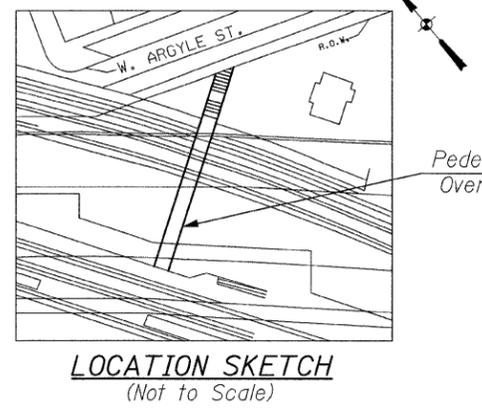
SCOPE OF WORK:

- Remove the entire Pedestrian Overpass including Bridge Spans and Concrete Staircase.
- Remove the two (2) Chicago Light Poles that are mounted on the Structure.
- Remove Pier No's. 1 & 2 flush with the adjacent Retaining Wall and Median Barrier Wall.
- Remove the Stair Pier and Landing Footing to 2'-0" below the existing Grade.

THIS DRAWING WAS TAKEN FROM EXISTING PLANS AND IS FOR INFORMATION ONLY

BILL OF MATERIAL

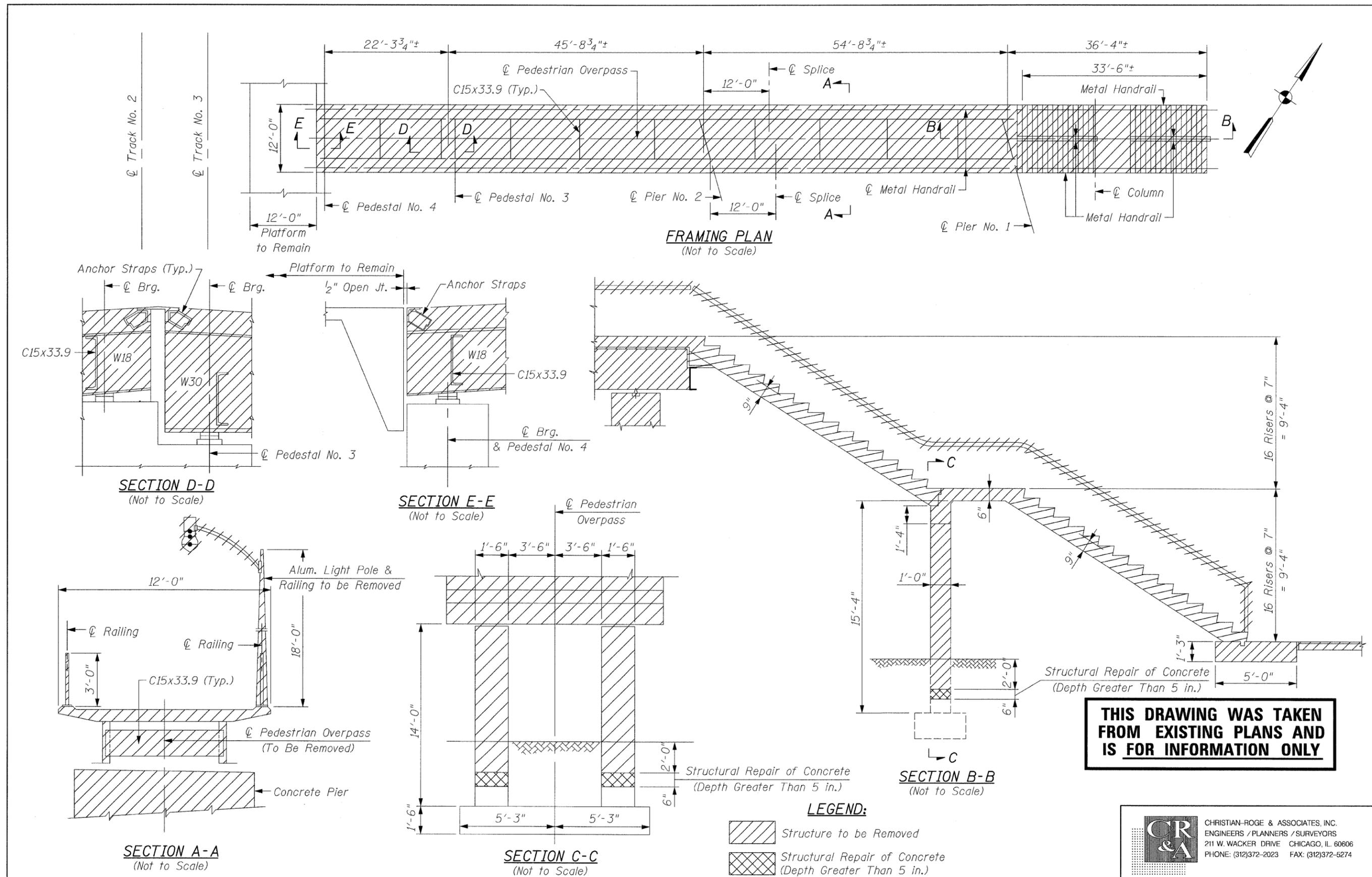
Item	Unit	Total
Removal of Existing Structures	Each	1
Protective Shield	Sq. Yd.	78
Structural Repair of Concrete (Depth Greater than 5 in.)	Sq. Ft.	106



LEGEND:

- Structure to be Removed
- Structural Repair of Concrete (Depth Greater than 5 in.)

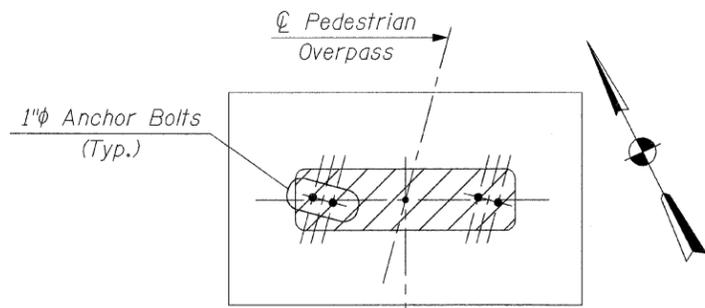
CR & A CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS / PLANNERS / SURVEYORS
211 W. WACKER DRIVE CHICAGO, IL 60606
PHONE: (312)372-2023 FAX: (312)372-5274



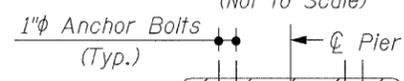
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FILE NAME = framing-plan.dgn	USER NAME = IDOT	DESIGNED - B.N.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FRAMING PLAN & SECTIONS LONG AVENUE PEDESTRIAN OVERPASS		F.A.I. RTE. 90	SECTION 2008-027 DM	COUNTY COOK	TOTAL SHEETS 10	SHEET NO. 7	
	PLOT SCALE = 50.0000' / IN.	DRAWN - R.E.S. / F.M.	REVISED -		SCALE: SHEET NO. S3 OF S5 SHEETS STA. TO STA.		CONTRACT NO. 60E58					
	PLOT DATE = 7/15/2008	CHECKED - B.N.S. / S.J.P.	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE - JULY 15, 2008	REVISED -									



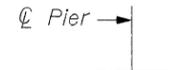
PLAN
(Not to Scale)



ELEVATION
(Not to Scale)

Pier No. 1
Pier No. 2

37'-11 1/4"±
39'-4 3/8"±



END VIEW
(Not to Scale)

Structural Repair of Concrete (Depth Greater Than 5 in.)

Meet Existing Median Barrier Wall & Outside Retaining Wall

Bars remaining in 6" to be cleaned and incorporated into a poured Concrete Cap

10'-0"

3'-0"
3'-0"

PIER NO'S. 1 & 2

THIS DRAWING WAS TAKEN FROM EXISTING PLANS AND IS FOR INFORMATION ONLY

LEGEND:

- Structure Removal
- Structural Repair of Concrete (Depth Greater Than 5 in.)



CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS / PLANNERS / SURVEYORS
211 W. WACKER DRIVE CHICAGO, IL 60606
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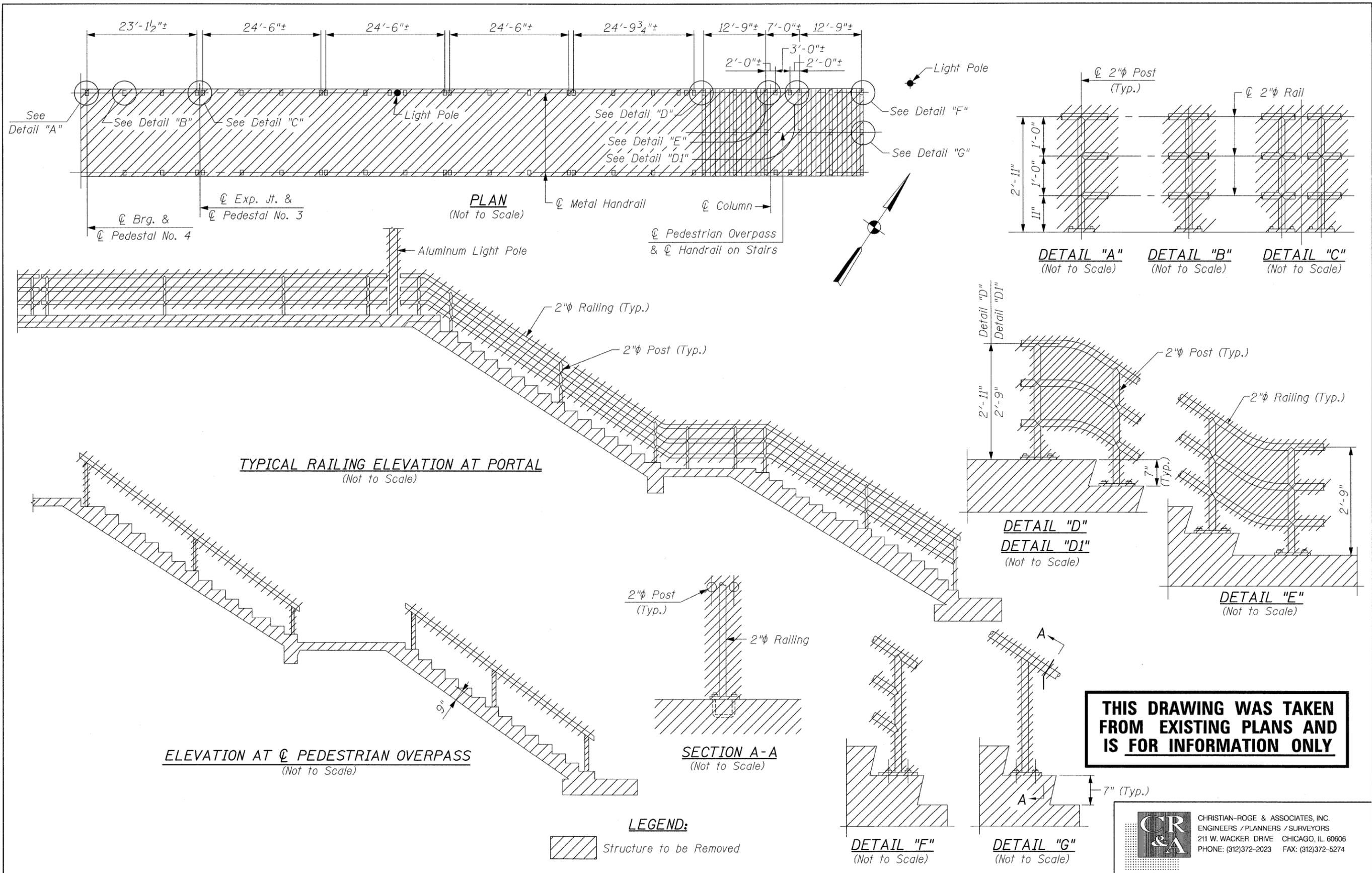
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		DRAWN - R.E.S. / F.M.	REVISED -
		CHECKED - B.N.S. / S.J.P.	REVISED -
		DATE - JULY 15, 2008	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIER NO'S. 1 & 2 AND PEDESTAL NO'S. 3 & 4
LONG AVENUE PEDESTRIAN OVERPASS**

SCALE: SHEET NO. S4 OF S5 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION 2008-027 DM	COUNTY COOK	TOTAL SHEETS 10	SHEET NO. 8
CONTRACT NO. 60E58				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME = handrail.dgn	USER NAME = IDOT	DESIGNED - B.N.S.	REVISED -
		DRAWN - R.E.S. / F.M.	REVISED -
		CHECKED - B.N.S. / S.J.P.	REVISED -
		DATE - JULY 15, 2008	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

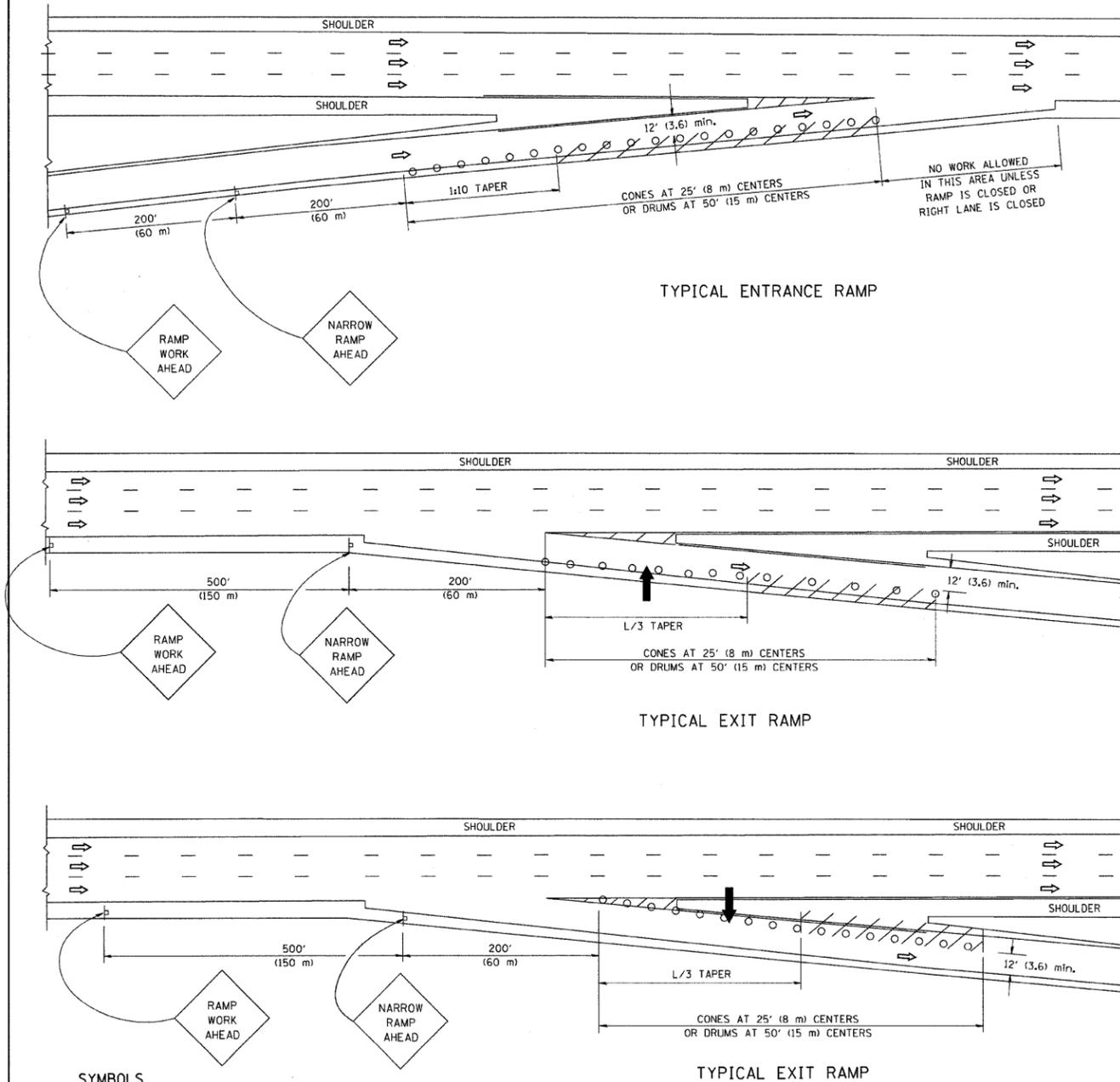
**METAL HANDRAIL
LONG AVENUE PEDESTRIAN OVERPASS**

SCALE: SHEET NO. 55 OF 55 SHEETS STA. TO STA.

F.A.I. RTE. 90	SECTION 2008-027 DM	COUNTY COOK	TOTAL SHEETS 10	SHEET NO. 9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E58	

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PARTIAL RAMP CLOSURE DETAILS



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

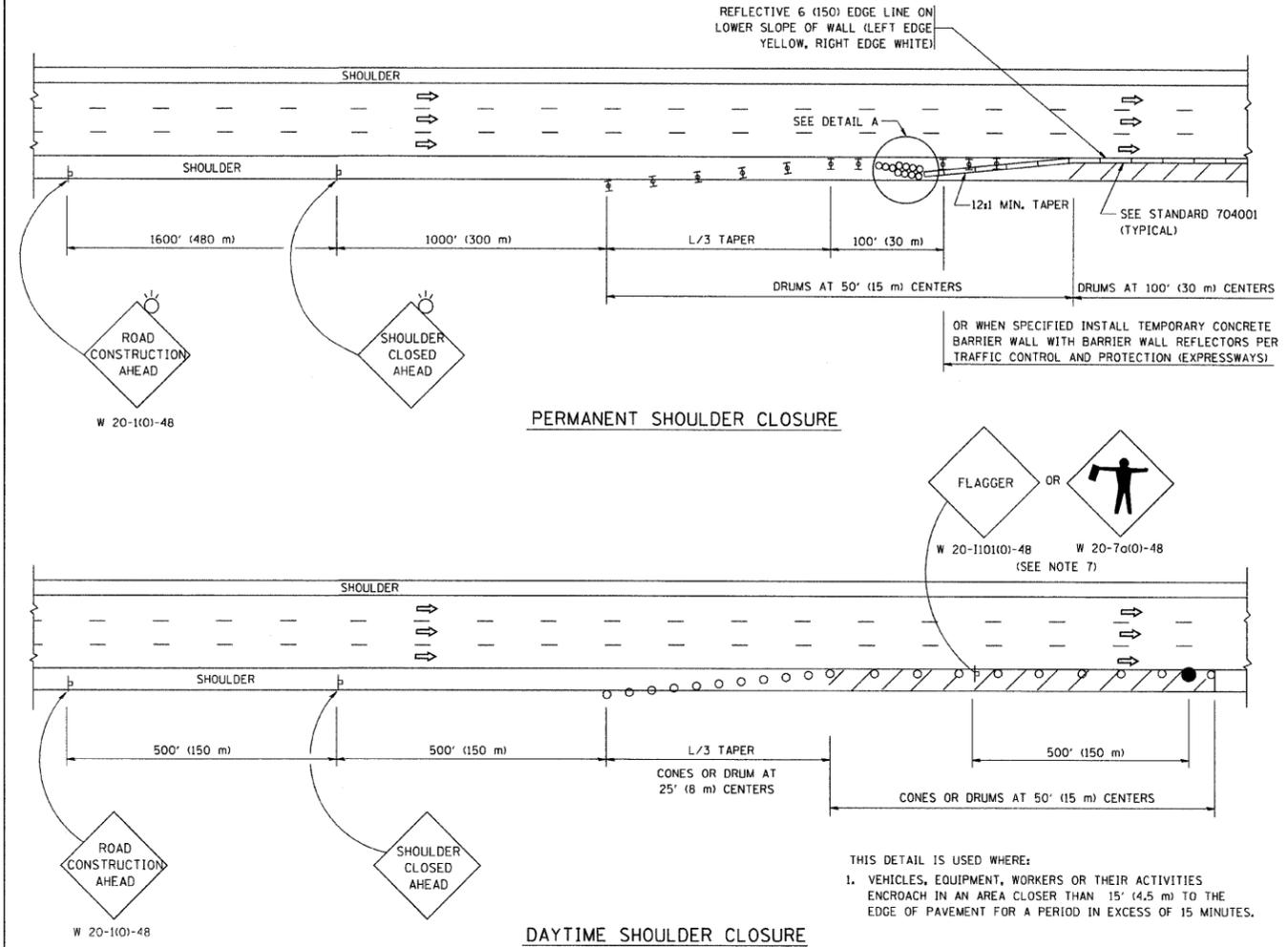
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH
	$L=0.65(W)(S)$ $L=(W)(S)$

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.

SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE

DAYTIME SHOULDER CLOSURE

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

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT FOR POSTED SPEED.

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

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

FILE NAME = W:\distatd\22\34\tcl7.dgn	USER NAME = geglianob	DESIGNED -	REVISED - J.A.F. 12-02	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES			F.A.I. 90	SECTION 2008-027 DM	COUNTY COOK	TOTAL SHEETS 10	SHEET NO. 10
PLOT SCALE = 5/8" = 1'		DRAWN - D.W.S.	REVISED - 04-03		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 1/4/2008		CHECKED -	REVISED - J.A.F. 12-06		SHEET NO. 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 60E58				
		DATE - 11-96	REVISED - S.P.B. 01-07		SHEET NO. 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 60E58				
					SHEET NO. 1 OF 1 SHEETS STA. TO STA.			CONTRACT NO. 60E58				