

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	1
ILLINOIS			CONTRACT NO. 60W29	

FOR INDEX OF SHEETS AND STANDARDS SEE SHEET NO. 2 AND 3

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

PEORIA STREET BRIDGE AT
I-290/CONGRESS PARKWAY
(CIRCLE INTERCHANGE)
SECTION 2013-011R
BRIDGE REPLACEMENT,
ROADWAY RECONSTRUCTION, LIGHTING,
CTA STATION REHABILITATION
PROJECT: ACNHPP-0290(200)
COOK COUNTY
C-91-231-13

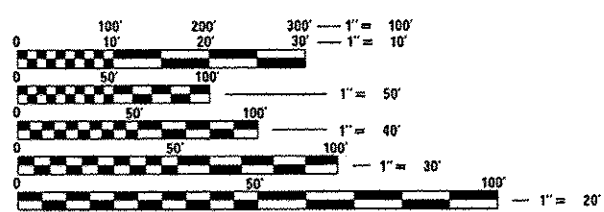
DESIGN DESIGNATIONS:	POSTED /DESIGN SPEEDS:
PEORIA STREET	0(2040) LOCAL STREET (URBAN)
WB I-290	54,000(2040) INTERSTATE
EB I-290	33,000(2040) INTERSTATE
NW RAMP	36,000(2040) INTERSTATE
EN RAMP	31,000(2040) INTERSTATE
ES RAMP	44,000(2040) INTERSTATE
	N/A
	45 /50 MPH
	45 /50 MPH
	35 /35 MPH
	30 /30 MPH
	40 /40 MPH

*356 + 38 = 394
D-91-227-13 *394 + 1 = 395



 JENNIFER M. GOLEMB LICENSED PROFESSIONAL ENGINEER OF ILLINOIS LICENSE NO. 062-058708 DATE: 10/10/13 LICENSE EXPIRES: 11/30/2013 SHEET RANGE: 1-74, 76B, 102, 106-110, 195-191, 309-330, 332-356	 WILLIAM D. STEHMER LICENSED PROFESSIONAL ENGINEER OF ILLINOIS LICENSE NO. 062-060936 DATE: 10/10/13 LICENSE EXPIRES: 11/30/2013 SHEET RANGE: 111-132, 331
 DAJIN LIU LICENSED STRUCTURAL ENGINEER OF ILLINOIS LICENSE NO. 081-005944 DATE: 10/10/13 LICENSE EXPIRES: 11/30/2014 SHEET RANGE: 75, 76A, 103-105, 133-189	 OREN X. SKIDELSKY LICENSED PROFESSIONAL ENGINEER OF ILLINOIS LICENSE NO. 062-053762 DATE: 10/10/13 LICENSE EXPIRES: 11/30/2013 SHEET RANGE: 262-308
 CHARLES ROY ROWE LICENSED ARCHITECT OF ILLINOIS LICENSE NO. 001.014357 DATE: 10/10/13 LICENSE EXPIRES: 11/30/2014 SHEET RANGE: 171A, 171B, 214-261	

DISTRICT 1 DESIGN /CONSULTANT SERVICES: BRIAN KUTTAB, P.E. (847)705-4431 SCHAUMBURG, ILLINOIS

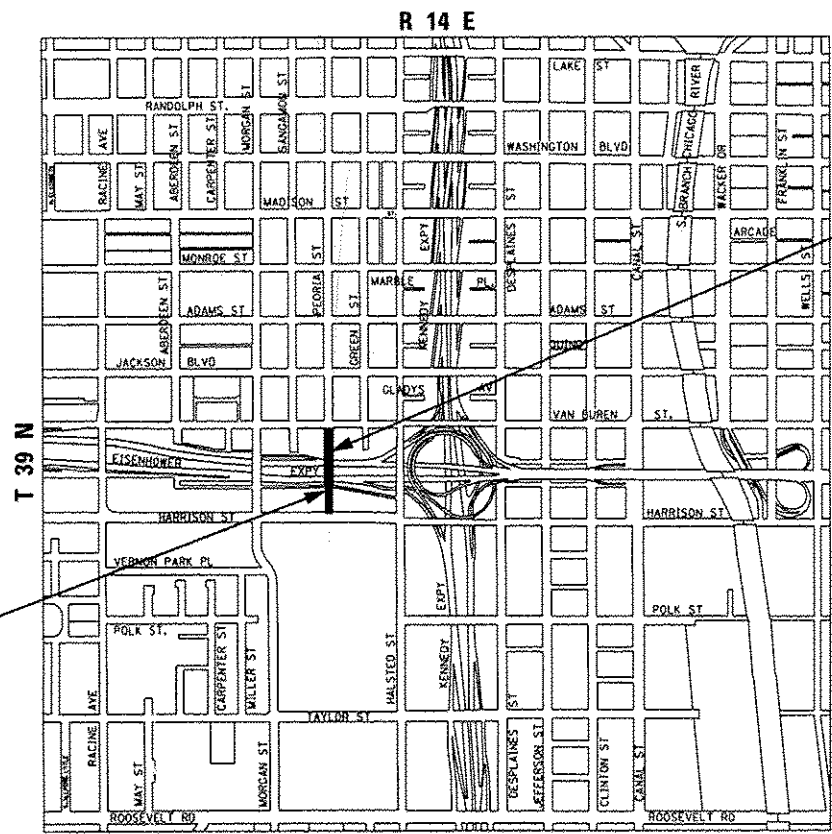


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

NPDES PERMIT INFORMATION	
NPDES Disturbed	
Area =	1.98 Acres
Approximate Location of Roadway is :	
Longitude	87° 38' 58.22" W
Latitude	41° 52' 31.87" N

PEORIA STREET BRIDGE
SN 016-1708
STA 3702 + 57.64 TO
STA 3705 + 30.73



LOCATION MAP
NOT TO SCALE
THE PROJECT IS LOCATED IN THE CITY OF CHICAGO
GROSS LENGTH = 687.95 FT (0.130 MILES)
NET LENGTH = 687.95 FT (0.130 MILES)

PEORIA STREET:
STA 3700 + 03.04 TO
STA 3706 + 90.99



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED October 15 20 13

John D. Baranzelli, P.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 6 20 13

Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

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CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE					
				ROADWAY	ROADWAY	BRIDGE	LIGHTING	OTHER	
				90% FED		90% FED	90% FED	90% FED	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0011	0021	0044	
URBAN	URBAN	016-1708	URBAN	URBAN					
50800105	REINFORCEMENT BARS	POUND	292,640			292,640			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1169,020	2,130		1166,890			⚠
51500100	NAME PLATES	EACH	1			1			
51602000	PERMANENT CASING	FOOT	1,554			1,554			
* 51603000	DRILLED SHAFT IN SOIL	CU YD	1,318.9			1,318.9			
* 51604000	DRILLED SHAFT IN ROCK	CU YD	38.2			38.2			
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	18			18			
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	9			9			
52100520	ANCHOR BOLTS, 1"	EACH	18			18			
52100530	ANCHOR BOLTS, 1 1/4"	EACH	36			36			
550A0330	STORM SEWERS, CLASS A, TYPE 2 10"	FOOT	6	6					
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	100	100					
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	18	18					
55100400	STORM SEWER REMOVAL 10"	FOOT	22	22					
58700300	CONCRETE SEALER	SQ FT	8459	337		8,122			

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

⚠ Rev. 2-18-14

Rev.



Q168x29-shr-500.dgn	DESIGNED - JLV	REVISED -
USER NAME = JTR6101y	DRAWN - BAW	REVISED -
PLOT SCALE = 28.8282' / 1"	CHECKED - JMG	REVISED -
PLOT DATE = 11/6/2013	DATE - 10/30/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	10
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT	

SCALE: NONE SHEET 5 OF 17 SHEETS STA. TO STA.

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CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE					
				ROADWAY	ROADWAY	BRIDGE	LIGHTING	OTHER	
				90% FED		90% FED	90% FED	90% FED	
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE	
				0004	0004	0011	0021	0044	
URBAN	URBAN	016-1708	URBAN	URBAN					
* 81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	17					17	
* 81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	12					12	
* 81400200	HEAVY-DUTY HANDHOLE	EACH	3					3	
* 81603000	UNIT DUCT, 600V, 2-1/C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	190					190	
* 81603081	UNIT DUCT, 600V, 3-1/C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	340					340	
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,560					1,560	
* 81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	255					255	
* 81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	510					510	
* 81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	135					135	
* 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	400					400	
* 81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	650					650	
* 81800330	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	140					140	
* 82102150	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 150 WATT	EACH	16					16	
* 82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	8					8	
* 84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	12					12	

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

Rev. 2-18-14

Rev.



0160W29-1ht-500.dgn	DESIGNED - JLV	REVISED -
USER NAME = JTrubley	DRAWN - BAW	REVISED -
PLOT SCALE = 20,000% 1" = 100'	CHECKED - JMG	REVISED -
PLOT DATE = 11/6/2013	DATE - 10/30/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 10 OF 17 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	15
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE						
				ROADWAY	ROADWAY	BRIDGE	LIGHTING	OTHER		
				90% FED	100% STATE	90% FED	10% STATE	90% FED		
				10% STATE	100% STATE	10% STATE	10% STATE	10% STATE		
				0004	0004	0011	0021	0044		
URBAN	URBAN	016-1708	URBAN	URBAN						
* X0370192	MECHANICAL AND PLUMBING (CTA)	LSUM	1							1
* X0370193	ELECTRICAL AND COMMUNICATIONS (CTA)	LSUM	1							1
X0370199	EARTHWORK, MICROPILES AND DRILLED SHAFTS (CTA)	L SUM	1							1
X0370194	EARTHWORK, EXTERIOR IMPROVEMENTS AND UTILITIES WORK (CTA)	LSUM	1							1
X0327649	SOIL RETENTION SYSTEM	SQ FT	104			104				
X5040500	PRECAST CONCRETE DECK PANELS	SQ FT	15,272			15,272				
Z0006012	BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/4 INCHES	SQ YD	1,614			1,614				
Ø Z0076600	TRAINEES	HOUR	2500	2500						
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	2500	2500						
* X0370195	RELOCATE DUCT BANK (CTA)	L SUM	1							1
* X0370196	BALLASTED TRACK CONSTRUCTION (CTA)	EACH	4							4
* X0370197	MAINTENANCE OF TRANSIT OPERATIONS (CTA)	L SUM	1							1
** Z0005305	BOX CULVERT TO BE CLEANED	FOOT	144	144						
X0370198	EXPLORATORY TRENCHING (CTA)	FOOT	560							560

Ø 0042

* DENOTES SPECIALTY ITEM ** DENOTES NON-PARTICIPATING ITEM

Rev. 2-18-14

Rev.



0160W29*ant-500.dgn
 USER NAME = JTRubley
 PLOT SCALE = 28.0000 1/1 in.
 PLOT DATE = 11/6/2013

DESIGNED - JLV
 DRAWN - BAW
 CHECKED - JMG
 DATE - 10/30/2013

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
 SCALE: NONE SHEET 17 OF 17 SHEETS STA. TO STA.

P.A.I. RTE. 90/94/290
 SECTION 2013-011R
 COUNTY COOK
 TOTAL SHEETS 356
 SHEET NO. 22
 CONTRACT NO. 60W29
 ILLINOIS FED. AID PROJECT

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A

EXISTING DRAINAGE STRUCTURE SCHEDULE									
STATION	OFFSET	CATCH BASINS TO BE ADJUSTED	MANHOLES TO BE ADJUSTED	REMOVING MANHOLES	REMOVING CATCH BASINS	REMOVING INLETS	CATCH BASIN TO BE RECONSTRUCTED (SPECIAL) (SEE NOTE 1)	COMMENTS	
		EACH	EACH	EACH	EACH	EACH	EACH		
PEORIA STREET									
3700+03.04	0.00'		1					EX RIM EL = 592.97	PR RIM EL = 592.97
3700+03.25	72.63' RT	1						EX RIM EL = 592.33	PR RIM EL = 592.33
3700+96.17	108.43' LT	1						EX RIM EL = 593.35	PR RIM EL = 593.50
3702+19.67	17.09' RT		1					EX RIM EL = 594.48	PR RIM EL = 594.48
3702+48.07	56.16' RT				1				
3702+48.25	63.30' LT	1						EX RIM EL = 593.33	PR RIM EL = 593.33
3705+74.79	17.47' LT					1			
3705+76.67	16.74' RT					1			
3705+84.38	1.61' LT			1					
3706+27.80	8.0' RT		1					EX RIM EL = 593.15	PR RIM EL = 594.19
EB I-290									
343+73.70	42.40' RT				1				
344+98.10	35.00' RT		1					EX RIM EL = 577.21	PR RIM EL = 577.21
345+25.20	17.70' LT		1					EX RIM EL = 577.47	PR RIM EL = 577.47
345+25.50	37.30' RT						1		
345+36.60	42.90' RT				1				
345+39.80	26.20' LT	1						EX RIM EL = 577.21	PR RIM EL = 577.21
346+18.40	28.40' LT		1					EX RIM EL = 577.03	PR RIM EL = 577.03
WB I-290									
345+19.10	28.90' RT		1					EX RIM EL = 577.20	PR RIM EL = 577.27
345+27.40	28.80' RT	1						EX RIM EL = 577.19	PR RIM EL = 577.25
345+37.60	35.40' LT				1				
TOTALS		5	7	1	4	2	1		

- NOTES:
- SEE SPECIFICATIONS FOR A DESCRIPTION OF THIS WORK.
 - STATION, OFFSET, AND ELEVATION FOR STRUCTURES LOCATED ALONG THE SINGLE FACE BARRIER WALL ARE GIVEN AT THE TOE OF THE WALL.

B

EXISTING PIPE SCHEDULE														
DRAINAGE AND UTILITY SHEET NO.	LOCATION	STORM SEWER REMOVAL	COMBINED SEWER REMOVAL				TRENCH BACKFILL	TELEVISION INSPECTION OF SEWER	TELEVISION INSPECTION OF SEWER, SPECIAL	COMBINED SEWERS TO BE CLEANED	COMBINED SEWERS TO BE CLEANED, SPECIAL	STORM SEWERS TO BE CLEANED	BOX CULVERTS TO BE CLEANED	WATER MAIN REMOVAL, 12"
		FOOT	FOOT				CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT
		10"	8"	12"	54"									
1	PEORIA STREET	8	85	4	95	263	906	1,860	453	930				103
8.10	WB I-290	5					416					64	144	
9.11	EB I-290	9					224					112		
TOTAL		22	85	4	95	263	1,546	1,860	453	930		176	144	103

- NOTES:
- ADDITIONAL TRENCH BACKFILL QUANTITY PROVIDED ON THE DRAINAGE AND UTILITY SCHEDULE FOR THE PROPOSED STORM SEWER AND COMBINED SEWER.
 - THE QUANTITIES PROVIDED FOR TELEVISION INSPECTION OF SEWER AND TELEVISION INSPECTION OF SEWER, SPECIAL CONSIST OF WORK BEFORE AND AFTER CONSTRUCTION.
 - COMBINED SEWERS TO BE CLEANED, SPECIAL AND TELEVISION INSPECTION OF SEWER, SPECIAL QUANTIFIES EACH OF THE THREE EXISTING SIPHON PIPES SEPARATELY.

EXISTING UTILITY STRUCTURE SCHEDULE					
STATION	OFFSET	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	REMOVE EXISTING HANDHOLE	FILLING VALVE VAULTS	COMMENTS
		EACH	EACH	EACH	
3700+71.3	139.7' LT	1			UNIVERSITY OF ILLINOIS CHICAGO COMMUNICATIONS MANHOLE, PR RIM=593.85
3700+76.0	128.4' LT	1			UNIVERSITY OF ILLINOIS CHICAGO ELECTRIC POWER HANDHOLE, PR RIM=593.80
3702+37.1	11.8' LT		1		CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3705+31.9	14.6' RT		1		CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3705+30.0	22.7' RT			1	CITY OF CHICAGO WATER MAIN STRUCTURE
3706+30.1	12.3' LT		1		CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE
3707+01.0	30.1' LT	1			CITY OF CHICAGO ELECTRICAL MANHOLE OR HANDHOLE, PR RIM=593.25
TOTALS		3	3	1	

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USER NAME: jlv	DRAWN - JSL	REVISED - B 2/10/2014
PLOT SCALE: 20,0000 1" = 100'	CHECKED - JMC	REVISED -
PLOT DATE: 2/10/2014	DATE - 10/30/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	28
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT	

STAGE 1A

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG EB I-290 AND RAMPS ES & EN

1. MAINTAIN A MINIMUM OF 2 LANES OF TRAFFIC THROUGH TO CONGRESS PARKWAY AT ALL TIMES AS SHOWN ON THE PLANS.
2. MAINTAIN A MINIMUM OF 1 LANE OF TRAFFIC TO RAMP EN AND 2 LANES OF TRAFFIC TO RAMP ES AS SHOWN ON THE PLANS.
3. ALL TRAVEL LANES ON THE EAST END SHALL TIE INTO THE CURRENT STAGE OF TRAFFIC CONTROL FOR THE HALSTED STREET/HARRISON STREET PROJECT CONTRACT NO. 60W26 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.
4. CLOSE THE OUTSIDE ADD LANE AT THE START OF THE LANE TAPER NEAR STATION 336+61 AND OUTSIDE (RIGHT) SHOULDER IN ADVANCE OF THE LANE CLOSURE. USE THE IDOT DISTRICT 1 STANDARD TC-17 FOR THE SHOULDER CLOSURE.
5. INSTALL THE TEMPORARY CONCRETE BARRIER ALONG THE OUTSIDE (RIGHT) SHOULDER OF EB I-290 AS SHOWN ON THE PLANS.
6. REMOVE THE EXISTING PEORIA STREET BRIDGE MOUNTED SIGNS. INSTALL THE PROPOSED EASTBOUND OVERHEAD SIGNS ONTO THE MORGAN STREET BRIDGE, UTILIZING THE BRIDGE MOUNTED SIGN SUPPORTS THAT WERE PREVIOUSLY INSTALLED AS PART OF THE MORGAN STREET PROJECT CONTRACT NO. 60W25. THE PROPOSED SIGNS SHALL BE INSTALLED AS SHOWN ON THE SIGNING PLANS.
7. REMOVE THE EXISTING SOUTH BRIDGE ABUTMENT. SEE THE BRIDGE CONSTRUCTION NOTES BELOW AND THE STRUCTURAL PLANS FOR DETAILS.
8. REMOVE THE EXISTING CONCRETE BARRIER WALL ALONG THE OUTSIDE (RIGHT) SHOULDER.
9. CONSTRUCT THE TEMPORARY PAVEMENT (TO REMAIN) AND CONCRETE BARRIER WALL AS SHOWN ON THE ROADWAY PLANS FOR USE IN STAGE 1B.

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG WB I-290 AND RAMPS NW & SW

1. MAINTAIN A MINIMUM OF 2 LANES OF TRAFFIC FROM CONGRESS PARKWAY AT ALL TIMES AS SHOWN ON THE PLANS.
2. MAINTAIN 1 LANE OF TRAFFIC FROM RAMP NW AND RAMP SW AT ALL TIMES AS SHOWN ON THE PLANS.
3. INSTALL THE TEMPORARY CONCRETE BARRIER ALONG THE OUTSIDE (RIGHT) AND INSIDE (LEFT) SHOULDER OF WB I-290 AS SHOWN ON THE PLANS. REDUCE THE TRAVEL LANES TO 11 FEET AND SHIFT THE LANES TO THE MIDDLE AS DETAILED ON THE TYPICAL SECTIONS.
4. ALL TRAVEL LANES ON THE EAST END SHALL TIE INTO THE CURRENT STAGE OF TRAFFIC CONTROL FOR HALSTED/HARRISON CONTRACT NO. 60W26 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.
5. THE MORGAN STREET EXIT WILL REMAIN CLOSED AND ALL APPLICABLE SIGNS ALONG I-290, RAMP NW AND RAMP SW WARNING DRIVERS OF THIS CONDITION SHALL REMAIN IN PLACE FROM THE MORGAN STREET CONTRACT NO. 60W25 AS SHOWN ON THE PLANS.
6. REMOVE THE EXISTING PEORIA STREET BRIDGE MOUNTED SIGNS AND TEMPORARILY GROUND MOUNT THE ASHLAND AVE/PAULINA STREET GUIDE SIGN AS SHOWN ON THE PLANS.
7. BEGIN REMOVING THE EXISTING PIER 2 AND THE NORTH ABUTMENT. SEE THE BRIDGE CONSTRUCTION NOTES BELOW AND THE STRUCTURAL PLANS FOR DETAILS.
8. BEGIN REMOVING THE EXISTING CONCRETE BARRIER WALL ALONG THE INSIDE (LEFT) AND OUTSIDE (RIGHT) SHOULDER. BEGIN REMOVING THE EXISTING CURB AND GUTTER ALONG THE OUTSIDE (RIGHT) SHOULDER.
9. BEGIN CONSTRUCTING THE TEMPORARY PAVEMENT (TO REMAIN), CONCRETE BARRIER WALL AND CURB AND GUTTER AS SHOWN ON THE ROADWAY PLANS.

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG LOCAL ROADS

1. INSTALL THE TRAFFIC CONTROL AND EROSION AND SEDIMENTATION CONTROL ALONG PEORIA STREET AS SHOWN ON THE PLANS.
2. THE ENTRANCE TO THE PARKING LOT ON THE EAST SIDE OF PEORIA STREET, NORTH OF I-290 WILL BE CLOSED DURING CONSTRUCTION. ACCESS TO THE PARKING LOT WILL BE MAINTAINED VIA THE ALLEY OFF OF VAN BUREN STREET.
3. THE ALLEY ADJACENT TO CUPPA HALL SHALL REMAIN OPEN AT ALL TIMES EXCEPT FOR WHEN THE ALLEY ENTRANCE AND PROPOSED CUL-DE-SAC WILL BE RECONSTRUCTED DURING WHICH THE ACCESS WILL BE MAINTAINED VIA THE ALLEY ENTRANCE ON SANGAMON STREET. THE CONTRACTOR SHALL NOTIFY THE UNIVERSITY OF ILLINOIS AT CHICAGO AT LEAST THREE WEEKS PRIOR TO CLOSING ACCESS TO THE ALLEY.
4. A DETOUR SHALL BE POSTED FOR PEDESTRIANS WANTING TO CROSS THE PEORIA STREET BRIDGE AND/OR ACCESS THE PEORIA STREET STATION. ACCESS TO THE CTA STATION AND PLATFORM WILL BE PROVIDED AT MORGAN STREET. SEE THE PEDESTRIAN DETOUR PLAN FOR DETAILS. ACCESS TO BUILDING ENTRANCES SHALL BE MAINTAINED AT ALL TIMES DURING NORMAL WORKING HOURS IN ACCORDANCE WITH ADA AND LOCAL CODE REQUIREMENTS.
5. BEGIN RECONSTRUCTION OF THE SIPHON ALONG PEORIA STREET. FLOW THROUGH THE SIPHON SHALL BE MAINTAINED AT ALL TIMES.
6. BEGIN CONSTRUCTION OF THE NORTH END OF PEORIA STREET. CONSTRUCTION WILL CONTINUE THROUGH STAGE 1B. VEHICLE ACCESS TO PEORIA STREET FROM THE NORTH WILL BE RESTRICTED AS SHOWN ON THE PLANS.
7. CONSTRUCT THE STABILIZED CONSTRUCTION ENTRANCE TO ALLOW CONSTRUCTION ACCESS TO THE PEORIA STREET BRIDGE VIA HARRISON STREET.
8. BEGIN CONSTRUCTION OF THE SOUTH END OF PEORIA STREET. CONSTRUCTION WILL CONTINUE THROUGH STAGE 2.

BRIDGE CONSTRUCTION

1. PLACE THE TEMPORARY SHORING TO SUPPORT THE EXISTING CTA STATION ON THE WEST SIDE OF THE BRIDGE AND THE STAIRS ON THE EAST SIDE OF THE BRIDGE. THIS WORK MUST BE COMPLETED PRIOR TO BEGINNING REMOVAL OF THE EXISTING SUPERSTRUCTURE.
2. RELOCATE THE ITS COMMUNICATION AND POWER CABLE PRIOR TO BEGINNING REMOVAL OF PIER 1 AND PIER 2. SEE THE ITS PLANS FOR DETAILS.
3. REMOVE THE EXISTING BRIDGE SUPERSTRUCTURE.
4. REMOVE THE EXISTING AND CONSTRUCT THE PROPOSED SOUTH ABUTMENT. THIS WORK MUST BE COMPLETED PRIOR TO BEGINNING STAGE 1B.
5. BEGIN REMOVAL AND CONSTRUCTION OF PIER 2 AND THE NORTH ABUTMENT. REMOVAL AND CONSTRUCTION OF THE SIPHON SHALL BEGIN IN CONJUNCTION WITH THE REMOVAL OF THE NORTHEAST WINGWALL AND THE NORTH ABUTMENT. SEE THE SIPHON PLANS FOR DETAILS.
6. REFER TO THE CTA FLAGGING AND COORDINATION SPECIAL PROVISION FOR REQUIREMENTS WORKING ADJACENT TO OR ABOVE THE CTA RIGHT-OF-WAY.

CTA STATION CONSTRUCTION

1. CONTRACTOR SHALL WORK WITH THE CTA TO IDENTIFY ALL EXISTING UTILITIES WITHIN THE WORK AREA.
2. REMOVE THE CTA EQUIPMENT IN THE EXISTING BRICK HOUSE BUILDING ON THE BRIDGE PRIOR TO DEMOLITION. COORDINATE WITH THE CTA REGARDING CLOSING OF THE STATION AND STORING OF THE EQUIPMENT.
3. REMOVE THE EXISTING BRICK HOUSE BUILDING ON THE BRIDGE.
4. RELOCATE THE EXISTING ELECTRICAL AND COMMUNICATIONS CONDUITS MOUNTED TO THE UNDERSIDE OF THE PLATFORM AS SHOWN ON THE PLANS.

STAGE 1B

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG EB I-290 AND RAMPS ES & EN

1. MAINTAIN A MINIMUM OF 2 LANES OF TRAFFIC THROUGH TO CONGRESS PARKWAY AT ALL TIMES AS SHOWN ON THE PLANS.
2. MAINTAIN A MINIMUM OF 1 LANE OF TRAFFIC TO RAMP EN AND 2 LANES OF TRAFFIC TO RAMP ES AS SHOWN ON THE PLANS.
3. ALL TRAVEL LANES ON THE EAST END SHALL TIE INTO THE CURRENT STAGE OF TRAFFIC CONTROL FOR THE HALSTED STREET/HARRISON STREET PROJECT CONTRACT NO. 60W26 AND CONFORM TO ALL APPLICABLE IDOT DISTRICT 1 STANDARDS.
4. SHIFT THE LANES OF TRAFFIC SOUTH ONTO THE TEMPORARY PAVEMENT THAT WAS CONSTRUCTED IN STAGE 1A.
5. RELOCATE THE TEMPORARY CONCRETE BARRIER THAT WAS ALONG THE OUTSIDE (RIGHT) SHOULDER OF EB I-290 IN STAGE 1A TO THE LEFT EDGE OF TRAVELED WAY AS SHOWN ON THE PLANS.
6. REMOVE THE EXISTING PIER 1, LEAVING IN PLACE THE PORTION OF THE EXISTING FOOTING UNDER THE CTA TRACKS. SEE THE BRIDGE CONSTRUCTION NOTES BELOW AND REFER TO THE STRUCTURAL PLANS FOR ADDITIONAL DETAILS.
7. REMOVE THE EXISTING CONCRETE BARRIER WALL ALONG THE INSIDE (LEFT) SHOULDER.
8. CONSTRUCT THE TEMPORARY PAVEMENT (TO REMAIN) AND CONCRETE BARRIER WALL AS SHOWN ON THE ROADWAY PLANS.

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG WB I-290 AND RAMPS NW & SW

1. MAINTAIN THE TRAFFIC CONTROL FROM STAGE 1A.

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG LOCAL ROADS

1. INSTALL THE TRAFFIC CONTROL AND EROSION AND SEDIMENTATION CONTROL ALONG PEORIA STREET AS SHOWN ON THE PLANS.
2. THE ENTRANCE TO THE PARKING LOT ON THE EAST SIDE OF PEORIA STREET, NORTH OF I-290 WILL BE CLOSED DURING CONSTRUCTION. ACCESS TO THE PARKING LOT WILL BE MAINTAINED VIA THE ALLEY OFF OF VAN BUREN STREET.
3. THE ALLEY ADJACENT TO CUPPA HALL SHALL REMAIN OPEN AT ALL TIMES EXCEPT FOR WHEN THE ALLEY ENTRANCE AND PROPOSED CUL-DE-SAC WILL BE RECONSTRUCTED DURING WHICH THE ACCESS WILL BE MAINTAINED VIA THE ALLEY ENTRANCE ON SANGAMON STREET. THE CONTRACTOR SHALL NOTIFY THE UNIVERSITY OF ILLINOIS AT CHICAGO AT LEAST THREE WEEKS PRIOR TO CLOSING ACCESS TO THE ALLEY.
4. MAINTAIN THE PEDESTRIAN DETOUR FROM STAGE 1A
5. COMPLETE RECONSTRUCTION OF THE SIPHON ALONG PEORIA STREET.
6. COMPLETE CONSTRUCTION OF THE NORTH END OF PEORIA STREET, INCLUDING ALL DRAINAGE, EARTHWORK, LIGHTING AND LANDSCAPING ACTIVITIES. VEHICLE ACCESS TO PEORIA STREET FROM THE NORTH WILL BE RESTRICTED AS SHOWN ON THE PLANS.
7. CONSTRUCT THE STABILIZED CONSTRUCTION ENTRANCE TO ALLOW CONSTRUCTION ACCESS TO THE PEORIA STREET BRIDGE VIA HARRISON STREET.
8. CONTINUE CONSTRUCTION OF THE SOUTH END OF PEORIA STREET. CONSTRUCTION WILL CONTINUE THROUGH STAGE 2.
9. CONSTRUCT THE TEMPORARY SIDEWALK CONNECTION FROM THE BRIDGE TO THE EXISTING EAST SIDEWALK ON THE SOUTH END OF PEORIA STREET, INCLUDING THE TEMPORARY LIGHTING AS SHOWN ON THE PLANS. THIS TEMPORARY SIDEWALK CONNECTION WILL BE UTILIZED IN STAGE 2 TO PROVIDE PEDESTRIAN ACCESS ACROSS THE BRIDGE.

BRIDGE CONSTRUCTION

1. REMOVE THE EXISTING AND CONSTRUCT THE PROPOSED PIER 1. THIS WORK CANNOT BE STARTED UNTIL THE PROPOSED SOUTH ABUTMENT, CONCRETE BARRIER WALL AND TEMPORARY PAVEMENT WORK IS COMPLETED IN STAGE 1A.
2. COMPLETE REMOVAL AND CONSTRUCTION OF PIER 2 AND THE NORTH ABUTMENT.
3. COMPLETE CONSTRUCTION OF THE PROPOSED SUPERSTRUCTURE, INCLUDING BRIDGE PARAPETS, BRIDGE RAILINGS AND BRIDGE LIGHTING BUT EXCLUDING THE BRIDGE DECK LATEX CONCRETE OVERLAY. CONSTRUCT TEMPORARY HMA RAMPS AS SHOWN ON THE STAGING PLANS.
4. REMOVE THE TEMPORARY SHORING AND RE-ATTACH THE CTA STATION ON THE WEST SIDE OF THE BRIDGE AND THE STAIRS ON THE EAST SIDE OF THE BRIDGE TO THE NEW FASCIA BEAMS.
5. REFER TO THE CTA FLAGGING AND COORDINATION SPECIAL PROVISION FOR REQUIREMENTS WORKING ADJACENT TO OR ABOVE THE CTA RIGHT-OF-WAY.

CTA STATION CONSTRUCTION

1. REMOVE THE CTA PA SPEAKERS, CCTV CAMERAS, COMMUNICATION SIGNANCE AND TELEPHONE EQUIPMENT AS SHOWN ON THE PLANS.
2. PROVIDE TEMPORARY CONDUITS AND CABLING FOR THE EXISTING ELECTRICAL, LIGHTING, CCTV, PA SYSTEM AND COMMUNICATION SYSTEMS MOUNTED TO THE UNDERSIDE OF THE PLATFORM AS SHOWN ON THE PLANS. THE PLATFORM LEVEL SYSTEMS SHALL BE MAINTAINED AT ALL TIMES.
- 3.

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PLOT DATE = 2/11/2014	DATE - 10/30/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
NARRATIVE			
SCALE: NONE	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	46
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT	

STAGE 2

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG EB I-290 AND RAMPS ES & EN

1. OPEN ALL LANES OF TRAFFIC TO THE PROPOSED LANE CONFIGURATION.

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG WB I-290 AND RAMPS NW & SW

1. OPEN ALL LANES OF TRAFFIC TO THE PROPOSED LANE CONFIGURATION.

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG LOCAL ROADS

1. INSTALL THE TRAFFIC CONTROL AND EROSION AND SEDIMENTATION CONTROL ALONG PEORIA STREET AS SHOWN ON THE PLANS.
2. OPEN THE BRIDGE TO PEDESTRIANS. PROHIBIT ACCESS TO THE CTA STATION ON THE WEST SIDE OF THE BRIDGE AS SHOWN ON THE PLANS. THE CTA STATION EXIT ONLY ACCESS ON THE EAST SIDE OF THE BRIDGE WILL BE REOPENED.
3. PEDESTRIAN ACCESS ACROSS THE BRIDGE WILL UTILIZE THE TEMPORARY SIDEWALK CONNECTION FROM THE BRIDGE TO THE EXISTING EAST SIDEWALK ON THE SOUTH END OF PEORIA STREET.
4. COMPLETE CONSTRUCTION OF THE SIDEWALK ON THE SOUTH END OF PEORIA STREET, INCLUDING ALL DRAINAGE, EARTHWORK, LIGHTING AND LANDSCAPING ACTIVITIES. THE SIDEWALK WILL BE OPENED TO PEDESTRIANS IN STAGE 3.

CTA STATION CONSTRUCTION

1. REHABILITATE THE CTA STATION GLASS BUILDING. SEE THE CTA STATION PLANS FOR DETAILS.
2. REMOVE AND REPLACE THE EXISTING CTA STATION PLATFORM, CANOPY AND STAIRS FOR THE NEW ELEVATOR AND STATION HOUSE EXTENSION. SEE THE CTA STATION PLANS FOR DETAILS.
3. ALL WORK SHALL BE SEQUENCED TO ALLOW THE PLATFORM TO REMAIN OPEN DURING CTA PEAK OPERATING HOURS. ALL WORK SHALL REQUIRE THE INSTALLATION OF TEMPORARY AND PERMANENT BARRICADES AND SIGNAGE TO RESTRICT ACCESS DURING WORK OPERATIONS AND SHALL FOLLOW THE CITY OF CHICAGO ADA REQUIREMENTS. SEE APPENDIX C OF THE SPECIAL PROVISIONS FOR MAINTENANCE OF TRANSIT OPERATIONS.

STAGE 3

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG EB I-290 AND RAMPS ES & EN

1. ALL LANES OF TRAFFIC WERE OPENED TO THE PROPOSED LANE CONFIGURATION IN STAGE 2.

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG WB I-290 AND RAMPS NW & SW

1. ALL LANES OF TRAFFIC WERE OPENED TO THE PROPOSED LANE CONFIGURATION IN STAGE 2.

MAINTENANCE OF TRAFFIC AND CONSTRUCTION ALONG LOCAL ROADS

1. INSTALL THE TRAFFIC CONTROL AND EROSION AND SEDIMENTATION CONTROL ALONG PEORIA STREET AS SHOWN ON THE PLANS.
2. REMOVE THE EXISTING EAST SIDEWALK ON THE SOUTH END OF PEORIA STREET AND COMPLETE ALL EARTHWORK AND LANDSCAPING ACTIVITIES.
3. RECONSTRUCT THE SECTIONS OF SIDEWALK AND CURB AND GUTTER ALONG HARRISON STREET AS SHOWN ON THE PLANS. TEMPORARILY CLOSE THE OUTSIDE LANE ALONG WESTBOUND HARRISON STREET ACCORDING TO HIGHWAY STANDARD 701601 WHEN PERFORMING THE WORK. THIS WORK SHALL BE PERFORMED ONLY DURING THE WEEKDAY HOURS OF 9:00 AM AND 3:00 PM, AFTER WHICH THE LANE SHALL BE IMMEDIATELY REOPENED TO TRAFFIC. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF CHICAGO AT LEAST THREE WEEKS PRIOR TO BEGINNING WORK WHICH WOULD REQUIRE A LANE CLOSURE.
4. A DETOUR SHALL BE POSTED FOR PEDESTRIANS WANTING TO CROSS THE PEORIA STREET BRIDGE AND/OR ACCESS THE PEORIA STREET STATION DURING CONSTRUCTION OF THE BRIDGE DECK LATEX CONCRETE OVERLAY. ACCESS TO THE CTA STATION AND PLATFORM WILL BE PROVIDED AT MORGAN STREET.

BRIDGE CONSTRUCTION

1. CONSTRUCT BRIDGE DECK LATEX CONCRETE OVERLAY.



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	PLOT SCALE - 2.0000' / 1" =	CHECKED - JMC
	PLOT DATE - 2/11/2014	DATE - 10/30/2013
		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN
NARRATIVE**

SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	47
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT				

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SCHEDULE

LOCATION	STATION	TO	STATION	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	BARRIER WALL MARKERS, TYPE C	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	WORK ZONE PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	REPLACEMENT REFLECTOR	TEMPORARY INFORMATION SIGNING	WOOD SIGN SUPPORT	STORM SEWERS, CLASS A, TYPE 1 12"	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	REMOVE SIGN PANEL - TYPE 3	RELOCATE SIGN PANEL - TYPE 3	REMOVE GROUND MOUNTED SIGN SUPPORT	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
TRAFFIC CONTROL GENERAL NOTES				FOOT	FOOT	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	60 FT	EACH	EACH	SQ FT	FOOT	FOOT	EACH	SQ FT	SQ FT	EACH	TON
PEORIA STREET STAGE 1A	3700+00.00	TO	3710+00.00																				
MAINLINE STAGE 1A																							
EB I-290	308+00.00	TO	353+00.00	463		37	1		1,406	225	2,199	8	1,047	270		188.75							
WB I-290	308+00.00	TO	353+00.00	875		70	1		1,281	622	3,143			117		41.25	45			181	181	2	
PEORIA STREET STAGE 1B	3700+00.00	TO	3710+00.00																				5
MAINLINE STAGE 1B																							
EB I-290	308+00.00	TO	353+00.00	88	463	7		1	3,337	1,558	7,003	33	1,441	270		108							
WB I-290	308+00.00	TO	353+00.00						1,281	622	3,143		1,391	117		19							
PEORIA STREET STAGE 2	3700+00.00	TO	3710+00.00																				
PEORIA STREET STAGE 3	3700+00.00	TO	3710+00.00																				
TOTAL				1,463	463	117	2	1	7,365	3,026	15,489	41	3,680	387	387	443	45	100	5	181	181	2	5

NOTES:
1. ADDITIONAL BARRIER WALL MARKERS, TYPE C QUANTITY PROVIDED ON THE ROADWAY SCHEDULE

A A A A A B

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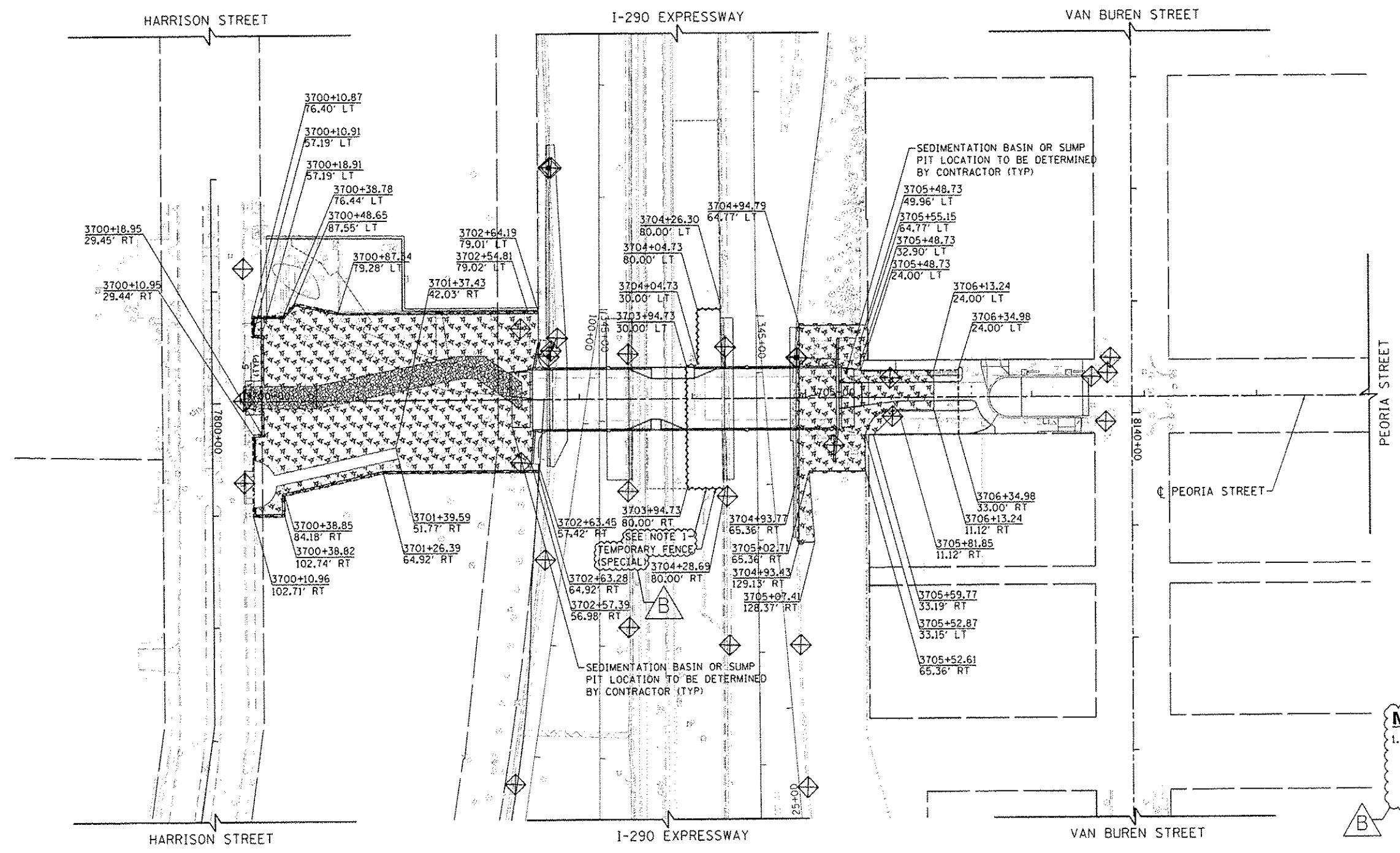


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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

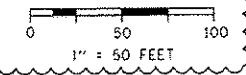
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN SCHEDULE
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	49
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT				



NOTE:
 1. THE FENCE TO THE NORTH OF THE WESTBOUND TRACK SHALL BE INSTALLED PRIOR TO REMOVAL OF ANY MEDIAN BARRIER WALL AND PRIOR TO THE START OF WORK AT THE BRIDGE PIER NORTH OF THE WESTBOUND TRACK. THE INSTALLATION SHALL BE COORDINATED WITH THE CTA, SEE SHEET 67A AND SPECIAL PROVISIONS FOR DETAILS.

NOTE:
 FOR LEGEND SEE SHEET NO. 60



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DESIGNED - JSL
 DRAWN - BAW
 CHECKED - JLV
 DATE - 10/30/2013

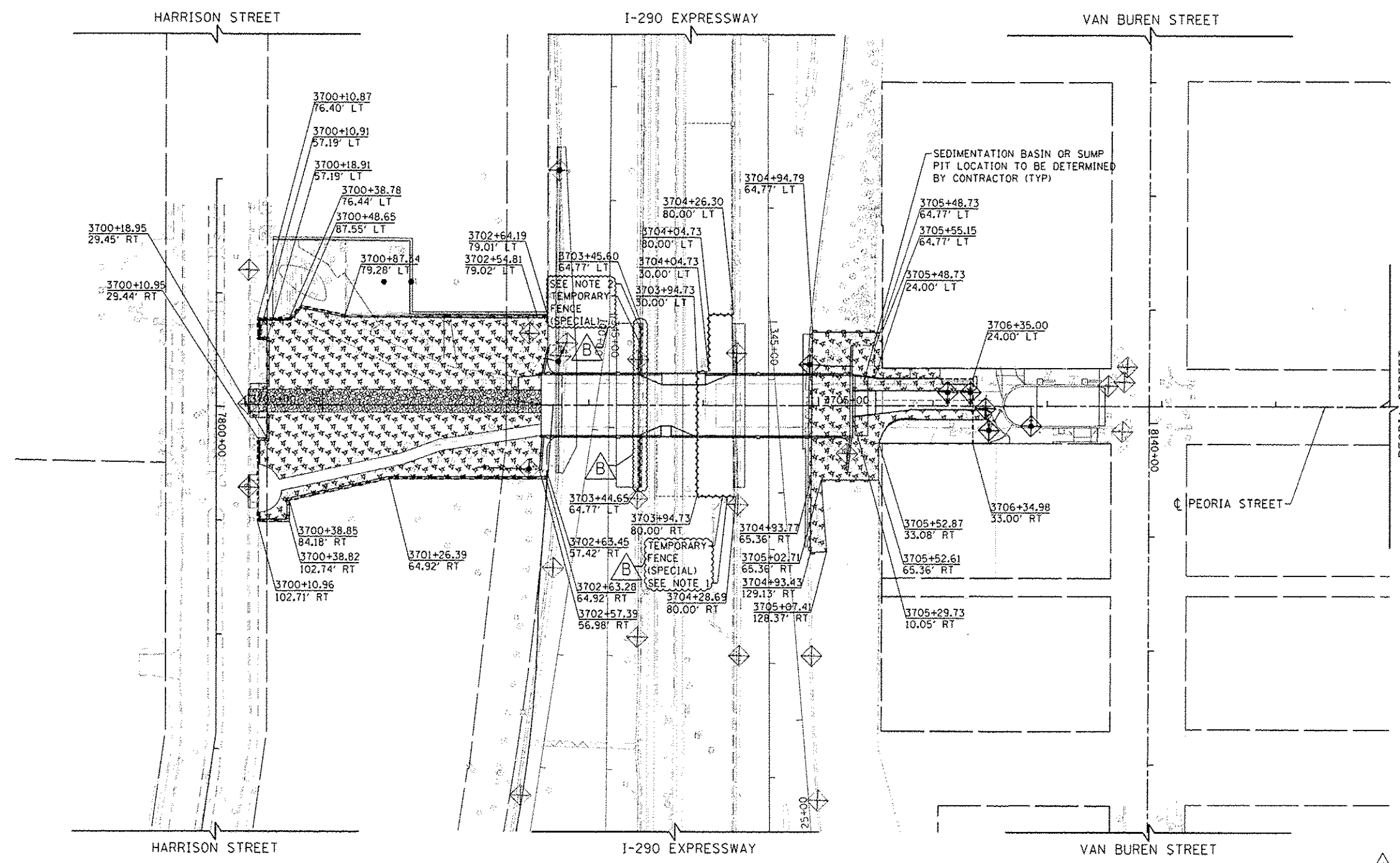
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
PEORIA STREET STAGE 1A
 SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 3700+00 TO STA. 3710+00

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	62
			CONTRACT NO. 60W29	
ILLINOIS FED. AID PROJECT				

A

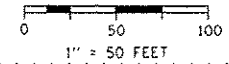


NOTES:

1. THE FENCE TO THE NORTH OF THE WESTBOUND TRACK SHALL BE INSTALLED PRIOR TO REMOVAL OF ANY MEDIAN BARRIER WALL AND PRIOR TO THE START OF WORK AT THE BRIDGE PIER NORTH OF THE WESTBOUND TRACK. THE INSTALLATION SHALL BE COORDINATED WITH THE CTA. SEE SHEET 67A AND SPECIAL PROVISIONS FOR DETAILS.
2. THE FENCE TO THE SOUTH OF THE EASTBOUND TRACK SHALL BE INSTALLED DURING MEDIAN WALL REMOVAL AND IN COORDINATION WITH THE CTA. THE FENCE TO THE SOUTH OF THE EASTBOUND TRACK SHALL BE UTILIZED ALONG WITH THE CRASHWALL AT THE PIER. DURING CONTRACTOR WORK, THE CTA REQUIRES A POSITIVE VISUAL SEPARATION BETWEEN THE CONTRACTOR WORK ZONE AND THE OPERATING TRACK. IF THE CONTRACTOR CHOOSES TO WORK ADJACENT TO THE EASTBOUND TRACK WITHOUT A TRACK ACCESS OCCURRENCE, THE WORK MUST BE APPROVED IN ADVANCE BY THE CTA AND INCLUDE EITHER THE EXISTING CRASHWALL, THE FORMWORK FOR THE PROPOSED CRASHWALL OR THE PROPOSED CRASHWALL. THE COMBINATION OF THE FENCE AND THE ELEMENTS AT THE PIER LOCATION WILL CONSTITUTE A SEPARATION BETWEEN THE CONTRACTOR'S WORK ZONE AND THE OPERATING TRACK. WORK PERFORMED UNDER A TRACK ACCESS OCCURRENCE MUST FOLLOW THE REQUIREMENTS IN THE CTA FLAGGING AND COORDINATION SPECIAL PROVISION. SEE SHEET 67A AND SPECIAL PROVISIONS FOR DETAILS.

NOTE:

FOR LEGEND SEE SHEET NO. 60



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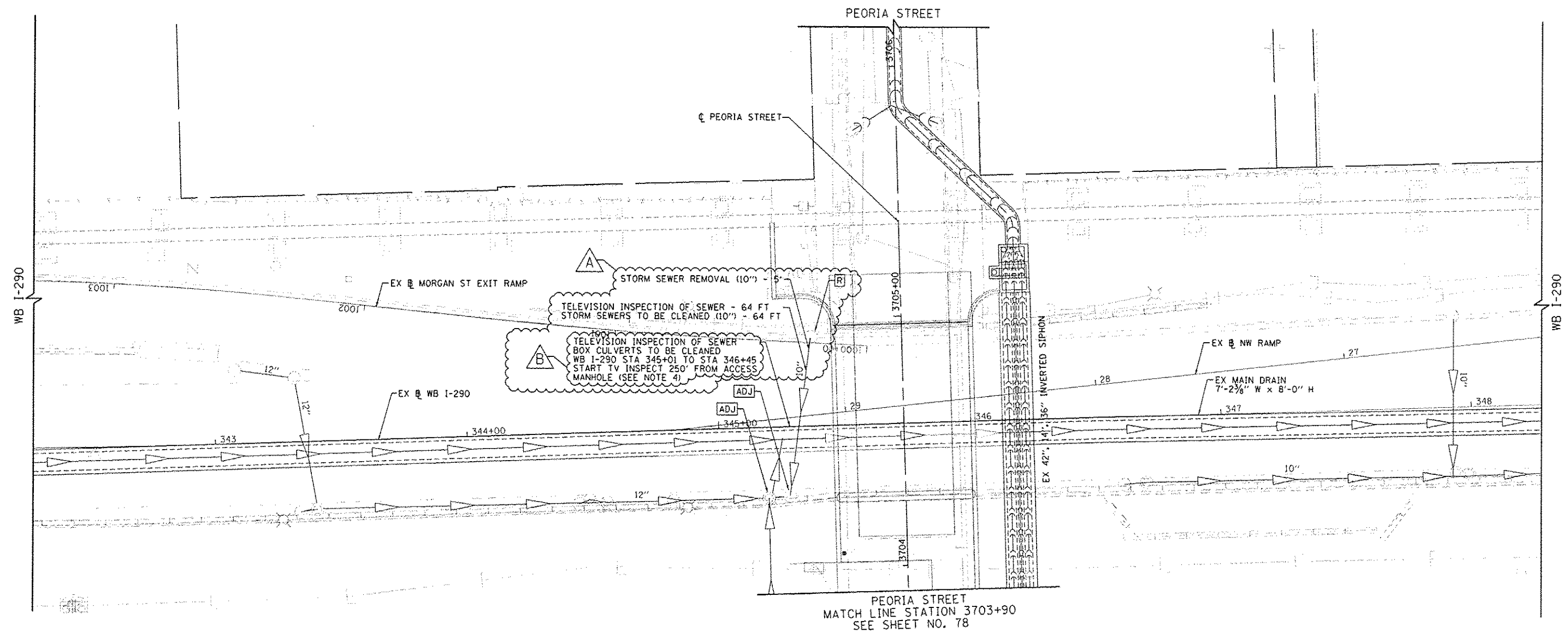
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CHECKED - JLV	REVISION 3	
DATE - 10/30/2013	REVISION 4	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENTATION CONTROL PLAN
PEORIA STREET STAGE 1B

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 3700+00 TO STA. 3710+00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	63
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT	



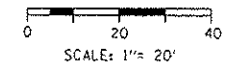
PEORIA STREET
MATCH LINE STATION 3703+90
SEE SHEET NO. 78

ADJUSTMENT AND REMOVAL LEGEND

- ADJ ADJUST BY CONTRACTOR
- R REMOVAL BY CONTRACTOR

NOTES:

1. ALL STATIONS AND OFFSETS ARE MEASURED FROM EX @ I-290 & RAMP ALIGNMENTS UNLESS OTHERWISE NOTED.
2. SEE SHEET 70 FOR PEORIA STREET DRAINAGE AND REMOVALS.
3. REFER TO SHEETS 28 TO 29 FOR DRAINAGE STRUCTURE AND PIPE SCHEDULES.
4. ACCESS MANHOLE FOR TELEVISIONING IS WB I-290 STA 342+52, 3.0' RT (N 1,898,033.2, E 1,170,163.1).



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PLOT DATE = 2/10/2014	DATE - 10/30/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

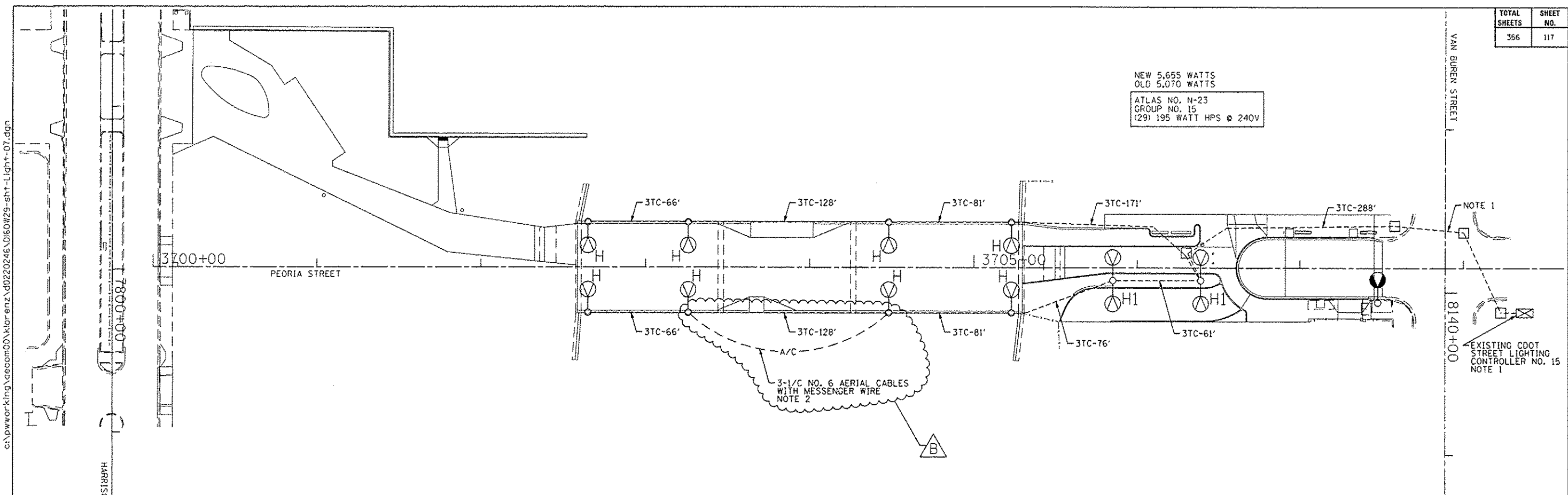
**DRAINAGE REMOVAL PLAN
I-290 WESTBOUND**

SCALE: 1"=20' SHEET 8 OF 11 SHEETS STA. 342+30 TO STA. 348+30

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	77
CONTRACT NO. 60W29			ILLINOIS FED. AID PROJECT	

TOTAL SHEETS	SHEET NO.
356	117

NEW 5,655 WATTS
 OLD 5,070 WATTS
 ATLAS NO. N-23
 GROUP NO. 15
 (29) 195 WATT HPS @ 240V



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NOTES:

- ROUTE NEW LIGHTING CIRCUIT THROUGH EXISTING CITY CONDUITS AND MANHOLES INTO THE EXISTING CDOT LIGHTING CONTROLLER AND MAKE THE NECESSARY CONNECTIONS TO THE EXISTING CIRCUIT BREAKERS. THIS WORK WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE "CABLE IN CONDUIT, TRIPLEX" PAY ITEM.
- PROVIDE A TEMPORARY AERIAL CABLE FEED AROUND THE CTA ENTRANCE FOR THE ROADWAY LIGHTING UNTIL THE PERMANENT CONDUIT AND CABLES ARE INSTALLED WITH THE BRIDGE DECK OVERLAY. THE TEMPORARY AERIAL CABLES SHALL BE REMOVED AFTER THE PERMANENT CONDUIT AND CABLES ARE INSTALLED AND APPROVED.

"H" PROVIDE 12.5' ALUMINUM POLE, 150W HPS LUMINAIRE AND 8 FOOT ALUMINUM DAVIT ARM PER DRAWING NOS. 940 AND 945.
 "H1" PROVIDE 12.5' ALUMINUM POLE, TWO 150W HPS LUMINAIRES AND TWIN 8 FOOT DAVIT ARMS PER DRAWING NOS. 940 AND 945.

DATE	REVISION
12/18/2013	
2/10/2014	

CITY OF CHICAGO
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING

AECOM

303 EAST WACKER DRIVE, SUITE 1400
 CHICAGO, IL 60601-4376
 PHONE: (312) 313-7000 FAX: (312) 313-6900

WORK ORDER NO. _____ DATE _____
 COST ALLOCATION ACCOUNT _____
 APPROPRIATION ACCOUNT MATERIAL _____
 LABOR _____

PEORIA STREET
 LIGHTING CABLE AND EQUIPMENT
 INSTALLATION PLAN

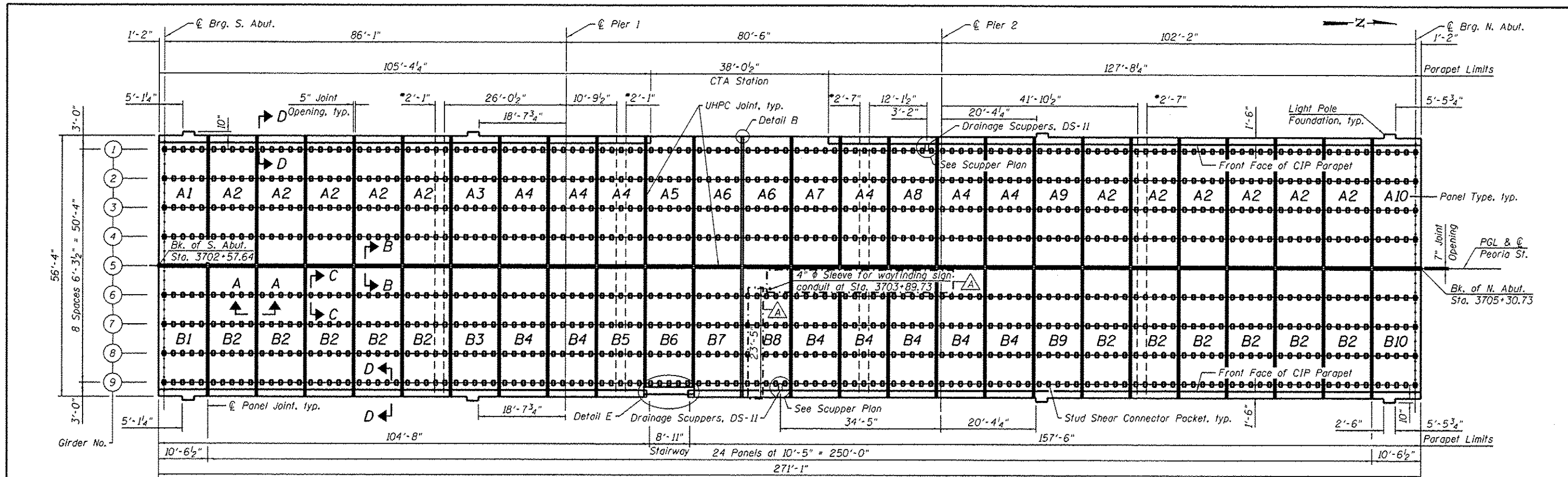
CITY OF CHICAGO
 DEPT. OF TRANSPORTATION
 DIVISION OF ELECTRICAL OPERATIONS

DRAFTSMAN: CAM	CHIEF DRAFTSMAN: WOS	ENGINEER:
SUPERVISING ENGINEER/ELEC. DESIGN ENGR. JPC		
ENGINEER OF ELECTRICITY:		
GEN'L SUPT. OF ELECTRICITY:		
DEPUTY COMMISSIONER:		

E-07

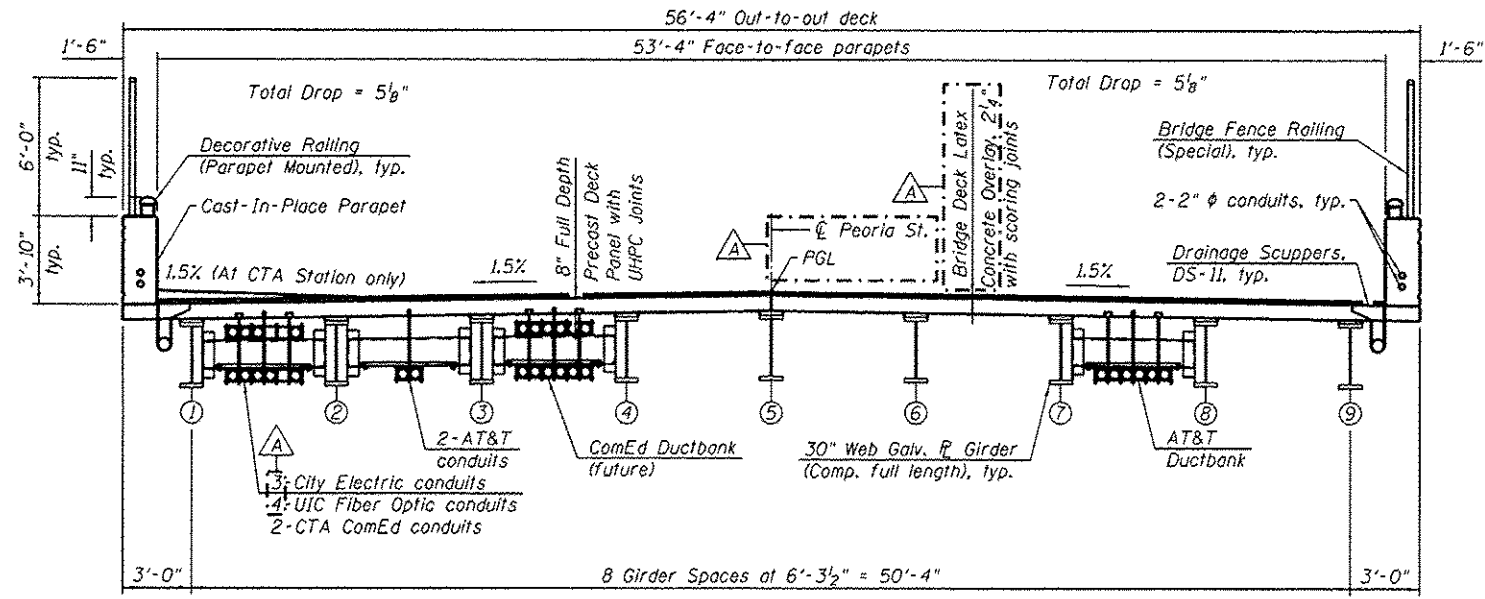
SIZE: 22" | 34" SCALE: 1" = 30' DATE: 05/14/13 DWG. NO.:
 C.D.O.T. PROJECT NO.: _____ 7 OF 19

FOR CONDUIT AND FOUNDATION PLANS
 SEE DRAWING NO. E-06.
 FOR LIGHTING REMOVAL PLANS SEE
 DRAWING NO. E-08.



PRECAST DECK PANEL PLAN

* Do not place stud shear connectors within this region (field splice).



CROSS SECTION
(Looking North)

SUGGESTED CONSTRUCTION SEQUENCE

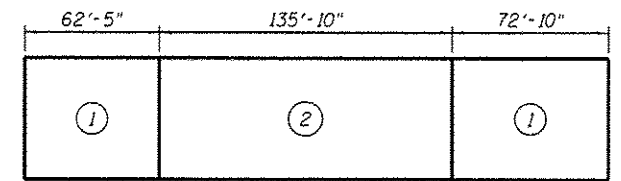
1. Erect steel girders.
2. Cast abutment diaphragms.
3. Clean surfaces of deck panel shear keys and stud shear connector pockets.
4. Install drainage scuppers.
5. Preset leveling bolts to anticipated height.
6. Form fillets between the top of the girders and the bottom of the deck panels.
7. Erect precast concrete deck panels according to the erection sequence for Stage 1.
8. Adjust leveling devices on deck panels to bring panels to grade.
9. All leveling bolts shall be torqued to approximately the same value (20 percent maximum deviation).
10. Install stud shear connectors in all blockouts and along Girder 5.
11. Form and cast transverse and longitudinal UHPC joints for Stage 1.
12. Grout all fillets and stud shear connector pockets along Girders 1-4 and 6-9 with a flowable, non-shrink grout.
13. Repeat steps 7-12 according to the erection sequence for Stage 2.
14. Cast concrete superstructure slab at CTA stairway.
15. Cast parapets.
16. Place latex concrete overlay.

Precast Concrete Deck Panel Notes:
 Contractor shall field verify all dimensions and horizontal locations prior to ordering materials to verify fit-up of new deck panels.
 The panel layout and dimensions provided are suggested. Final panel layout and dimensions shall be shown on the panel shop drawings.
 All panel dimensions provided on the superstructure plans are plan dimensions. The fabrication dimensions on the panel shop drawings shall account for the profile and slope of the proposed bridge deck.
 Contractor shall be responsible for exercising care in lifting, handling, storing, and transportation of the precast slab panels to prevent cracking or damage. Panels shall be lifted by devices as designed by the contractor and approved by the Engineer.
 UHPC shall reach a strength of 14.5 ksi before live loads or deck overlay can be applied to the bridge.
 Contractor shall apply set retarder to inside of side bulkheads and to stud pocket blockouts on the day prior to a pour to avoid interference with form setup. After form stripping, set retarder shall be thoroughly cleaned off keyways (and stud pockets) using a water blast to create the desired exposed aggregate finish.

BILL OF MATERIAL

Item	Unit	Total
Precast Concrete Deck Panels	Sq. Ft.	15,272

Notes:
 See Sheet 16 of 55 for Sections A-A, B-B, C-C, D-D, Detail B and Scupper Plan.
 See Sheet 23 of 55 for Detail E.
 See Sheet 20 of 55 for Bill of Material.
 See Sheet 21 of 55 for parapet reinforcement.
 Type and location of precast inserts for utility hangers shall be coordinated with the utility companies. Cost included in Precast Concrete Deck Panels.
 See Lighting Plans for parapet conduit sleeve locations.
 See Roadway Plans for scoring joint details.
 Location of the 4" sleeve for the wayfinding sign conduit shall be confirmed with the University of Illinois at Chicago prior to fabrication of the deck panels.



PANEL ERECTION SEQUENCE

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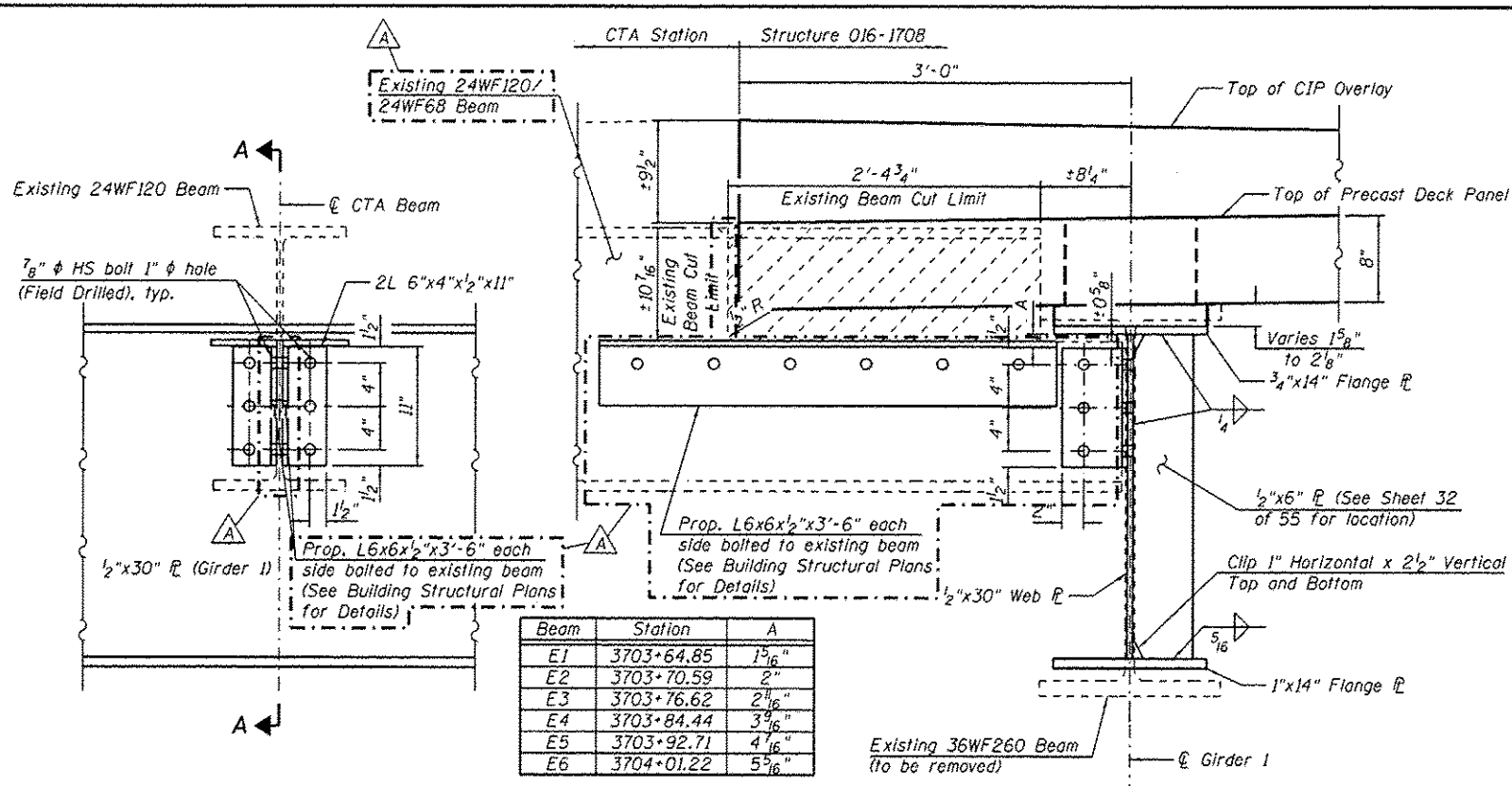
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CHECKED: WJC	REVISED: 2/10/2014 JRM	
PLOT SCALE: 21:4,0024 1/2" / 1"	DRAWN: RLS	REVISED:
PLOT DATE: 2/7/2014	CHECKED: DL	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PRECAST DECK PANEL PLAN AND CROSS SECTION
STRUCTURE NO. 016-1708
SHEET NO. 15 OF 55 SHEETS

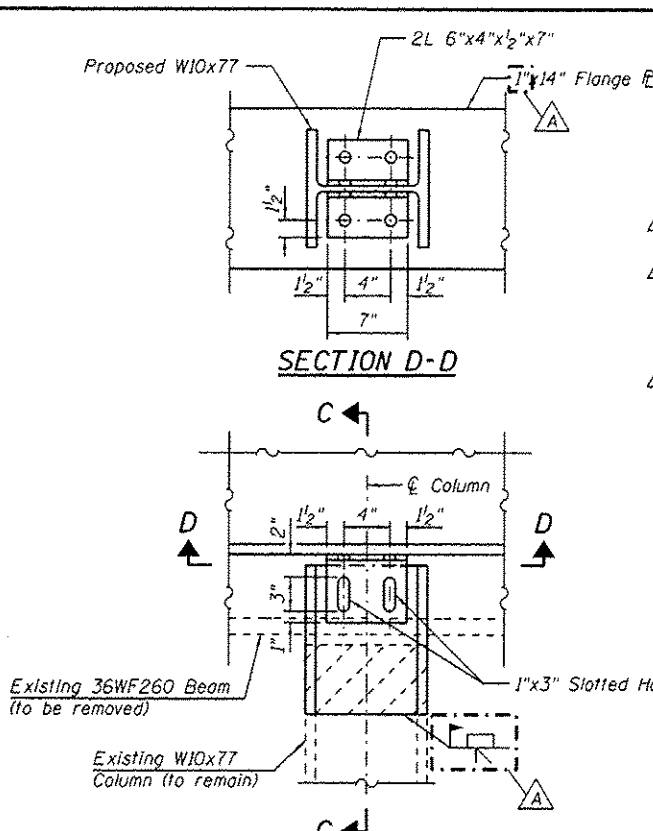
MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	147

CONTRACT NO. 60W29
ILLINOIS FED. AID PROJECT

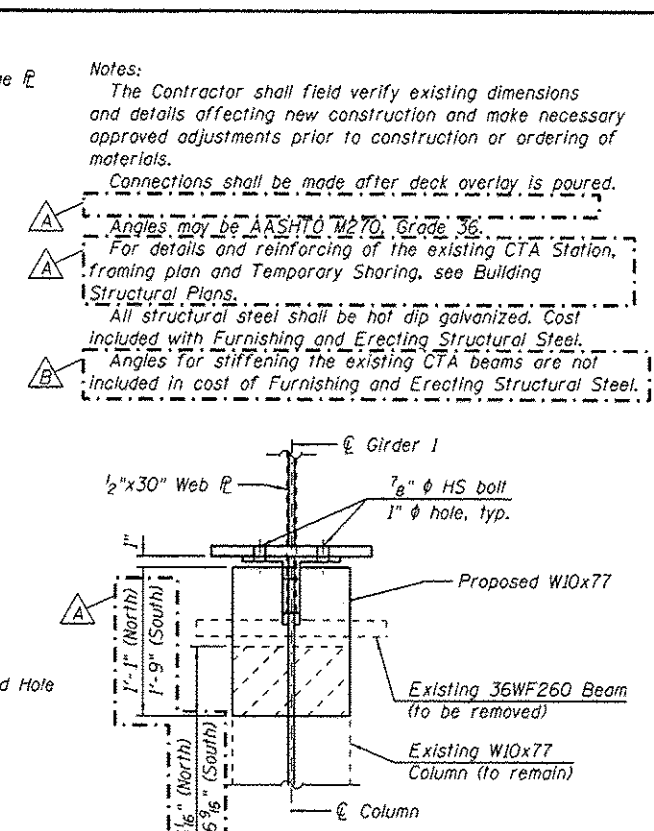


CTA STATION CONNECTION
ELEVATION
(Looking East)

SECTION A-A

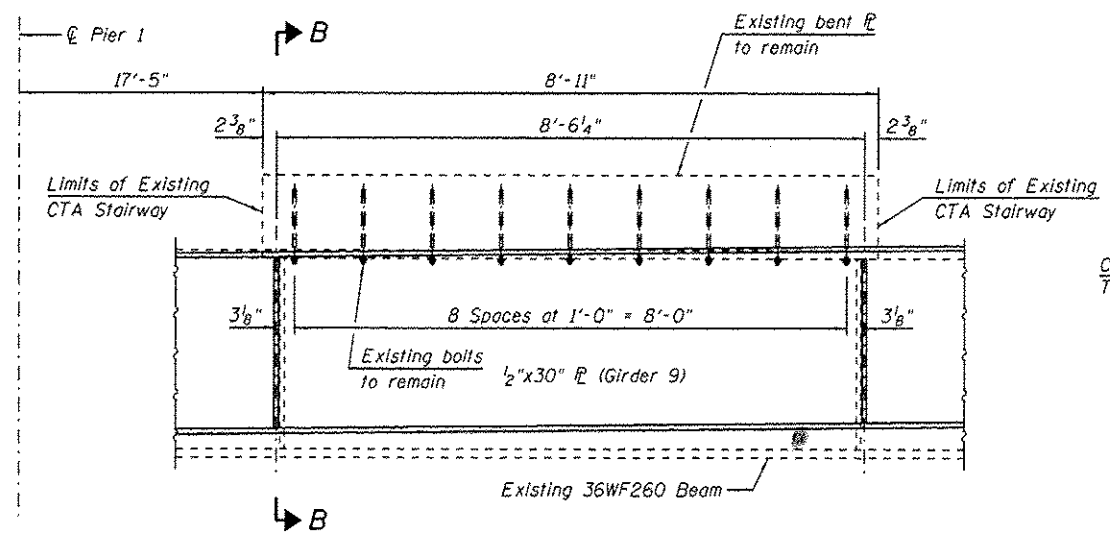


EXISTING COLUMN CONNECTION
(Looking East)

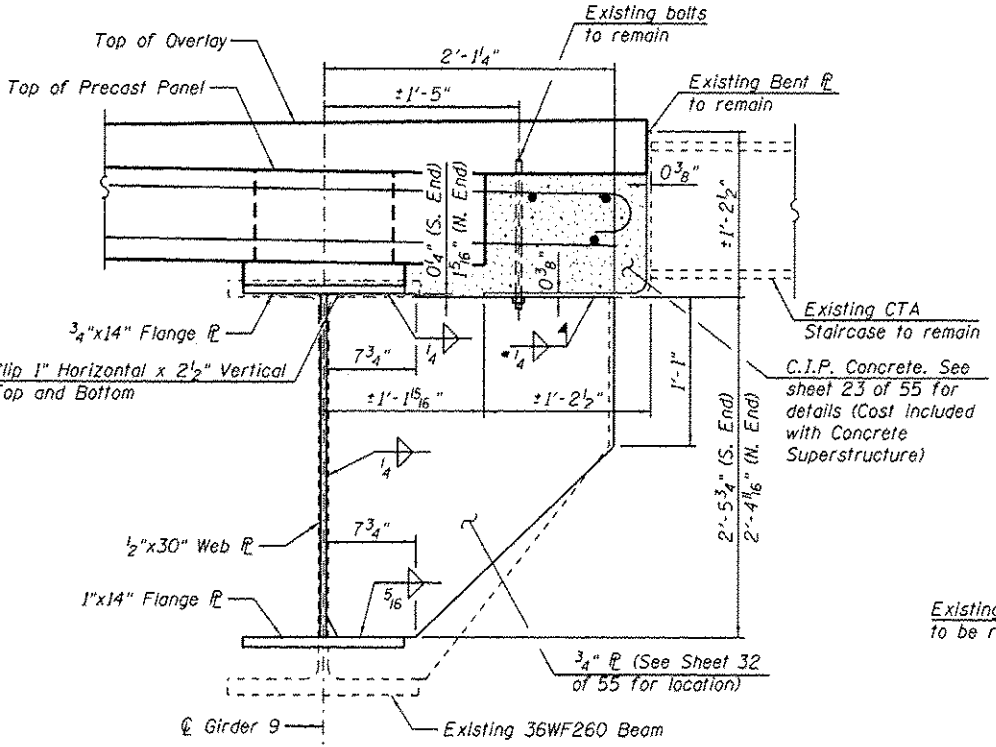


SECTION C-C

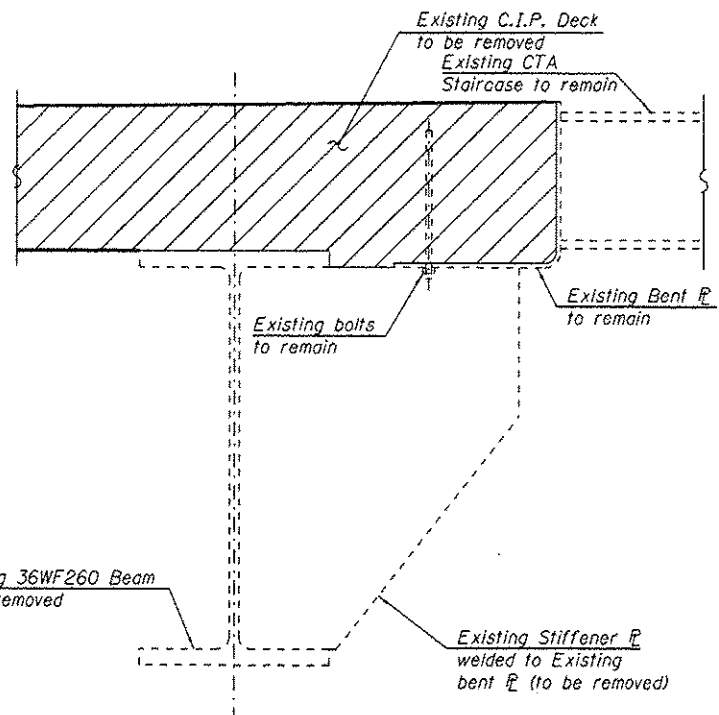
Notes:
The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials.
Connections shall be made after deck overlay is poured.
Angles may be AASHTO M270, Grade 36.
For details and reinforcing of the existing CTA Station, framing plan and Temporary Shoring, see Building Structural Plans.
All structural steel shall be hot dip galvanized. Cost included with Furnishing and Erecting Structural Steel.
Angles for stiffening the existing CTA beams are not included in cost of Furnishing and Erecting Structural Steel.



CTA STAIRWAY CONNECTION
ELEVATION
(Looking West)



SECTION B-B



DECK REMOVAL DETAIL

*Cost included with Furnishing and Erecting Structural Steel.

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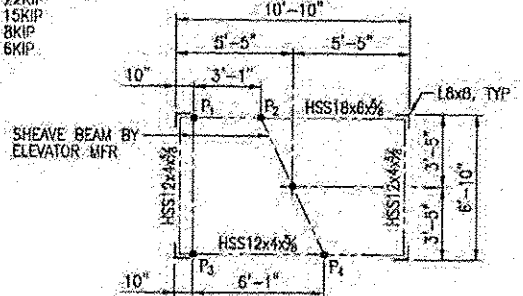
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	PLT SCALE = 0:2,0000 1/4" / 1"	CHECKED DL	REVISED 2/10/2014 WJC/DL			CONTRACT NO. 60W29				
	PLT DATE = 2/7/2014	DRAWN MTS	REVISED			ILLINOIS FED. AID PROJECT				
		CHECKED DL/KAH	REVISED							

GENERAL REQUIREMENTS:

- THE GENERAL STRUCTURAL NOTES ARE INTENDED TO AUGMENT THE DRAWINGS AND SPECIFICATIONS. SHOULD CONFLICTS EXIST BETWEEN THE DRAWINGS, SPECIFICATIONS AND THE STRUCTURAL NOTES, THE STRICTEST PROVISION SHALL GOVERN.
- THE STRUCTURES ARE DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE, TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION, AND TO PROVIDE TEMPORARY BRACING, GUYS, OR TIE-DOWNS AS NECESSARY FOR COMPLETION OF THE WORK. SUCH MATERIAL SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER COMPLETION OF THE WORK.
- VERIFY ALL DIMENSIONS WITH THE STRUCTURAL DRAWINGS PRIOR TO FABRICATION OF ANY PIECES. NO CONNECTION OR DIMENSION SHALL BE REVISED OR MODIFIED IN THE FIELD WITHOUT THE WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIMENSIONS AND TO REPORT ANY DISCREPANCIES TO THE ENGINEER OF RECORD.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE STRUCTURAL DRAWINGS WITH MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATION AND PLACEMENT OF ALL INSERTS, HANGERS, SLEEVES, DUCTWORK OPENINGS ETC. THAT ARE REQUIRED BY THE ARCHITECT AND/OR EQUIPMENT. VERIFY LOCATION OF ALL THE BOX OUTS AND OPENINGS WITH MECHANICAL MECHANICAL CONTRACTORS. OPENING SIZES AND LOCATIONS SHOWN FOR PIPES, DUCTS ETC. WHEN SHOWN, ARE FOR GENERAL INFORMATION ONLY AND SHALL BE VERIFIED WITH THE MECHANICAL CONTRACTOR BEFORE FORMING.
- FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
- ALL CONDITIONS AND DIMENSIONS PERTAINING TO EXISTING UTILITIES AND CONSTRUCTION, AT THE SITE, SHALL BE VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK, INCLUDING FABRICATION OF ANY MEMBERS. THIS ASSESSMENT SHALL BE CONDUCTED SUFFICIENTLY IN ADVANCE OF ANY PHASE OF CONSTRUCTION, TO THE MAXIMUM EXTENT POSSIBLE, TO AVOID DELAYS IN THE WORK.
- EQUIPMENT WEIGHTS AND STRUCTURAL ITEMS IN ANY WAY RELATED TO THE SUPPORT OF EQUIPMENT OR OPENINGS ARE INDICATED FOR INFORMATIONAL PURPOSES ONLY. VERIFY AND COORDINATE SIZE, LOCATION AND QUANTITY OF OPENINGS AND EQUIPMENT WEIGHTS REQUIRED FOR ARCHITECTURAL, MECHANICAL AND ELECTRICAL TRADES. OBTAIN APPROVAL OF AFFECTED TRADES BEFORE PROCEEDING WITH SUCH PORTION OF THE WORK. CHANGES REQUIRED BY EQUIPMENT IN EXCESS OF THE WEIGHT OR GEOMETRIC ALLOWANCES ARE THE CONTRACTOR'S RESPONSIBILITY.
- ALL LOADS AND REACTIONS ON DRAWINGS AND IN THESE GENERAL STRUCTURAL NOTES ARE UNFACTORED SERVICE LOADS UNLESS OTHERWISE NOTED. LOAD CASES WHICH INCLUDE COMBINED LOADS SHALL BE CALCULATED IN ACCORDANCE WITH THE MUNICIPAL CODE OF CHICAGO.
- IN GENERAL, ALL SECTIONS AND DETAILS SHOWN ON THE PLANS ARE INTENDED TO APPLY TO SIMILAR CONDITIONS, UNLESS SPECIFICALLY NOTED.
- SEE ARCHITECTURAL AND MECHANICAL REQUIREMENTS FOR EMBEDDED ITEMS NOT SHOWN HEREIN AND TO VERIFY SIZE AND LOCATION OF ALL OPENINGS.
- NO CORE DRILLING SHALL BE ALLOWED WITHOUT APPROVAL BY THE ENGINEER. BEFORE CORE DRILLING ANY HOLES, LOCATE THE REINFORCING STEEL IN EXISTING CONCRETE WITH R-METER, RELOCATE THE HOLE TO AVOID CUTTING ANY REBARS OR POST-TENSIONING TENDONS. DO NOT DRILL HOLES THROUGH EXISTING REBARS UNLESS ACCEPTABLE TO THE STRUCTURAL ENGINEER. DO NOT OVERCUT ANY HOLES.
- ALL ELEVATIONS INDICATED IN THE STRUCTURAL DRAWINGS ARE REFERENCED TO THE CITY OF CHICAGO DATUM.
- THE CONTRACTOR IS REQUIRED TO COMPLY WITH ALL CITY, STATE AND FEDERAL REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.
- THE CONTRACTOR IS REQUIRED TO OBTAIN ANY PERMITS AND WRITTEN AUTHORIZATION FROM THE CITY OF CHICAGO, CHICAGO TRANSIT AUTHORITY, IDOT AND OTHER AFFECTED AGENCIES. ALL COSTS AND TIME INCURRED WITH THESE PAYMENTS SHALL BE INCLUDED IN THE CONTRACT.
- THE CONTRACTOR IS RESPONSIBLE FOR MONITORING ADJACENT BUILDINGS AND STRUCTURES FOR DAMAGE AND MOVEMENT THROUGHOUT CONSTRUCTION IN ACCORDANCE WITH THE SPECIFICATIONS.

DESIGN CRITERIA:

- REFERENCE STANDARDS:
MUNICIPAL CODE OF CHICAGO,
CTA INFRASTRUCTURE DESIGN CRITERIA MANUAL (IDCM), 2013,
ASCE 7-05, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
- BUILDING IMPORTANCE CATEGORY II
- LOADS:
LIVE LOADS:
PLATFORM LEVEL LIVE LOADS: 100 PSF
STATION LEVEL LIVE LOADS: 100 PSF
ELEVATOR EQUIPMENT ROOM: 200 PSF
ROOF LIVE LOAD: 30 PSF (NON-REDUCIBLE)
- FUTURE STATION LOADS (GRIDS A.5/12 TO B/16.8)
STATION DEAD LOADS (SELF-WEIGHT + SDL) 100 PSF
STATION LIVE LOADS (SLL) 100 PSF
STATION ROOF DEAD LOADS (RDL) 25 PSF
STATION ROOF LIVE LOADS (RL) 30 PSF
STATION ROOF SNOW LOADS (RSL) 30 PSF
- WIND DESIGN CRITERIA:
MWFRS PRESSURE: 30 PSF
COMPONENTS AND CLADDING PRESSURE: 25 PSF (30 PSF @ CORNERS)
- SNOW LOADS:
FLAT ROOF SNOW LOAD: 30 PSF
ADDITION SNOW DRIFT LOAD: 25 PSF
- ELEVATOR DESIGN CRITERIA:
ELEVATOR TOWER DESIGN IS BASED ON THE LOAD CRITERIA BELOW. ALL LOADS ARE UNFACTORED AND INCLUDE AN 100% IMPACT ADJUSTMENT. IF THE FINAL DESIGN LOADS ARE GREATER THAN 5% OF THE LOADS INDICATED, THEN THE ENGINEER OF RECORD SHALL BE NOTIFIED PRIOR TO FABRICATION.
TYPE: TRACTION
CAPACITY: 2,500 LB
IMPACT: 100%
MAXIMUM SHEAVE BEAM REACTIONS:
P₁ = 22KIP
P₂ = 15KIP
P₃ = 8KIP
P₄ = 6KIP



ASSUMED ELEVATOR TOWER LOADING DIAGRAM

- HSS SUPPORT BEAMS INDICATED ARE DESIGNED TO SUPPORT THE ELEVATOR SHEAVE BEAMS AND ALL VERTICAL GRAVITY AND DYNAMIC LOADING. THE (4) 18x8 ANGLES HAVE BEEN DESIGNED TO TRANSFER THE ELEVATOR VERTICAL LOADS DIRECTLY TO THE MAT FOUNDATION AT THE BOTTOM OF THE ELEVATOR PIT.
- THE DIMENSIONS INDICATED WERE ASSUMED FOR DESIGN PURPOSES. THE FINAL DIMENSIONS SHALL BE COORDINATED WITH THE DESIGN REQUIREMENTS OF THE ACTUAL ELEVATOR TO BE INSTALLED.

FOUNDATION NOTES:

- FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS PROVIDED IN THE PROJECT SPECIFIC GEOTECHNICAL REPORT PERFORMED BY WANG ENGINEERING, REPORT NUMBER 1100-04-01 INCLUDING THE TECHNICAL MEMORANDUM DATED AUGUST 23, 2013.
- DRILLED SHAFTS HAVE BEEN DESIGNED FOR AN ALLOWABLE END-BEARING CAPACITY OF 13,500 PSF IN ACCORDANCE WITH THE GEOTECHNICAL CRITERIA INDICATED IN NOTE 1.
- CONTRACTOR SHALL PROVIDE THE SERVICES OF AN INDEPENDENT GEOTECHNICAL TESTING AGENCY TO VERIFY THE ASSUMED FOUNDATION ALLOWABLE BEARING CAPACITIES AND FINAL DESIGNS FOR THE PROPOSED DRILLED CAISSONS AND MICROPILES.
- CONTRACTOR SHALL FOLLOW RECOMMENDATIONS CONTAINED WITHIN THE GEOTECHNICAL REPORT IN PREPARATION OF THE SITE AND BUILDING FOUNDATIONS.
- PRIOR TO ANY EXCAVATION OPERATIONS, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES OR OTHER SUBSURFACE STRUCTURES WITHIN THE AREA TO BE EXCAVATED.
- ALL EXCAVATIONS WITHIN 2 FEET OF EXISTING STRUCTURES TO REMAIN SHALL BE REMOVED BY HAND. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR TAKING ADEQUATE PRECAUTIONS NOT TO DAMAGE THE EXISTING INFRASTRUCTURE DURING ALL EXCAVATION, FILL AND COMPACTION OPERATIONS.
- STORM WATER SHALL BE DIVERTED FROM OPEN EXCAVATIONS.

CAST-IN-PLACE CONCRETE NOTES:

- REFERENCE STANDARDS:
EXCEPT AS INDICATED, ALL CONCRETE WORK AND DETAILING, FABRICATION AND PLACING OF REINFORCING SHALL BE GOVERNED BY:
ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, 2010.
ACI 305.1, HOT WEATHER CONCRETING, 2006.
ACI 306, COLD WEATHER CONCRETING, 2010.
ACI 308.1 SPECIFICATIONS FOR CURING CONCRETE, 2011.
ACI 315, DETAILS AND DETAILING OF CONCRETE REINFORCEMENT, 2004.
ACI 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, 2011.
- PROVIDE CONCRETE CONSTRUCTION IN ACCORDANCE WITH IDCM, 2013.
- MATERIALS:
ALL FOUNDATIONS, DRILLED SHAFTS AND MICROPILES: f_c = 4,000 PSI
ALL CAST-IN-PLACE WALLS, SLABS AND BEAMS: f_c = 4,000 PSI, AE, UNO
- CONCRETE COVER REQUIREMENTS:
CONCRETE CAST DIRECTLY AGAINST EARTH: 3 IN
CONCRETE EXPOSED TO EARTH OR WEATHER, BUT CAST AGAINST FORMS: 2 IN
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND:
SLABS, WALLS, JOISTS: 1 IN
BEAMS, COLUMNS: 1 1/2 IN
- ALL CONCRETE REINFORCING SHALL BE HOT-DIPPED GALVANIZED.
- DURING PLACEMENT OF THE CONCRETE SLABS, TAKE ALL NECESSARY STEPS TO AVOID PLASTIC CRACKS DUE TO WEATHER CHANGES. CURE ALL CONCRETE ACCORDING TO ACI 308.1 AND SPECIFICATIONS.
- CORNER BEND DIAMETERS:
#3 THRU #5: 4D
#9, THRU #11: 5D
#14, #18: 6D
- WHERE ANY OPENING REQUIRED FOR THE WORK IS NOT INDICATED, OBTAIN APPROVAL FROM THE ENGINEER OF RECORD BEFORE PROCEEDING WITH THE WORK.
- PROVIDE 3/4" CHAMFER ON ALL EXPOSED EDGES OF CONCRETE EXCEPT AS INDICATED.
- ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING CONCRETE PLACEMENT. REINFORCING SHALL NOT BE SUPPORTED ON BOOSTERS MADE OF CMU OR CONCRETE NOT SPECIFICALLY DESIGNED TO SUPPORT REINFORCING STEEL.
- NO ALUMINUM OF ANY TYPE SHALL BE ALLOWED IN THE CONCRETE WORK UNLESS COATED TO PREVENT ALUMINUM CONCRETE REACTION. MAXIMUM O.D. OF EMBEDDED CONDUIT SHALL BE NO LARGER THAN ONE-THIRD OF THE SLAB THICKNESS. LOCATED IN THE MIDDLE OF THE SLAB.
- WALLS AND PLASTERS SHALL BE CAST MONOLITHICALLY. CONTRACTOR SHALL LIMIT LENGTH OF CONTINUOUS WALL PLACEMENT TO 60 FEET.
- PROVIDE CONTINUOUS REINFORCEMENT WHEREVER POSSIBLE. SPLICE ONLY AS SHOWN OR APPROVED. STAGGER ALL SPLICES. USE CLASS "B" TENSION SPLICE UNLESS NOTED OTHERWISE. DOWELS SHALL MATCH SIZE AND SPACING OF THE SPECIFIED REINFORCEMENT AND SHALL BE LAPPED WITH TENSION SPLICES, UNLESS NOTED OTHERWISE. TENSION SPLICE LENGTHS SHALL BE AS FOLLOWS:

BAR SIZE	CONCRETE STRENGTH, F _c (PSI)	BAR SIZE			CONCRETE STRENGTH, F _c (PSI)				
		CLASS	3,000	4,000		5,000			
#4	A	26	23	20	#7	A	58	50	45
	B	35	30	26		B	76	64	58
#5	A	34	28	25	#8	A	66	57	51
	B	44	37	33		B	86	74	68
#6	A	39	35	31	#9	A	74	64	57
	B	51	45	41		B	96	83	75

- FOR HORIZONTAL REINFORCING WITH MORE THAN 12" OF CONCRETE BELOW, OR FOR VERTICAL REINFORCING, MULTIPLY THE SPLICE LENGTH INDICATED IN THE TABLE BY 1.3.
- THE SPLICE LENGTHS INDICATED IN THE TABLE ABOVE ARE IN COMPLIANCE WITH CTA IDCM, 2013.
- KEY ALL CONSTRUCTION JOINTS.

DEMOLITION:

- THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE MEANS AND METHODS OF DEMOLITION AND THE INTEGRITY AND STABILITY OF THE EXISTING STRUCTURE DURING DEMOLITION UNTIL THE WORK IS COMPLETED. THE CONTRACTOR SHALL PROVIDE SHORING IN REQUIRED LOCATIONS WHERE EXISTING CONSTRUCTION IS TO REMAIN WILL BE AFFECTED BY DEMOLITION.
- A DEMOLITION PLAN IS TO BE SUBMITTED TO IDOT FOR APPROVAL. DEMOLITION SHALL NOT COMMENCE UNTIL THE CONTRACTOR HAS RECEIVED WRITTEN APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
- THE EXISTING STRUCTURE IS INDICATED FOR REFERENCE ONLY AND IS TO BE FIELD VERIFIED BY THE CONTRACTOR. THE EXACT EXTENT OF DEMOLITION SHALL BE VERIFIED AT THE SITE. DETERMINE THE NATURE AND EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE DRAWINGS WITH THE EXISTING CONSTRUCTION. THE CONTRACTOR SHALL USE THESE DRAWINGS IN CONJUNCTION WITH THE ARCHITECTURAL AND MECHANICAL DEMOLITION DRAWINGS. IN THE EVENT OF CONFLICTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY IDOT.
- THE CONTRACTOR SHALL USE QUALIFIED, EXPERIENCED PERSONNEL FOR DEMOLITION AND REMOVAL OPERATIONS. DEMOLITION AND REMOVAL OPERATIONS SHALL BE PERFORMED IN A CAREFUL AND ORDERLY MANNER TO PREVENT HAZARDS TO PERSONS, DAMAGE TO PROPERTY AND THE SPREADING OF DUST AND/OR DEBRIS USING A VACUUM SYSTEM AND/OR WET METHODS.
- NO PORTIONS OF THE STRUCTURE SHALL BE PERMITTED TO FALL NOR SHALL ANY DEBRIS BE DROPPED EXCEPT BY METHODS WHICH WILL ENSURE INTEGRITY OF THE STRUCTURE.
- PRIOR TO THE START OF WORK, VERIFY THAT THE SCOPE OF DEMOLITION INDICATED ON THE DRAWINGS SHALL NOT DAMAGE, CUT OR DISRUPT SERVICE TO ANY MECHANICAL SYSTEM, COMMUNICATION SYSTEM, ELECTRICAL SYSTEM OR UTILITY EMBEDDED IN THE EXISTING STRUCTURE.
- DO NOT REMOVE MORE OF THE EXISTING STRUCTURE THAN IS INDICATED ON THE DRAWINGS. DO NOT DAMAGE, MAR, CUT OR DEFACE THE REMAINING STRUCTURE TO REMAIN, OR MATERIALS TO BE REUSED.
- THE CONTRACTOR SHALL INCLUDE IN THEIR BID THE COST OF REMOVING AND LEGALLY DISPOSING OF DEMOLISHED MATERIALS FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS.
- WHERE NEW OPENINGS IN EXISTING CONCRETE SLABS ARE TO BE CREATED, THE DEMOLITION CONTRACTOR SHALL CORE HOLES AT THE OUTSIDE CORNERS OF THE NEW OPENING PRIOR TO DEMOLITION. SAW-CUTTING SHALL BE STRAIGHT AND SHALL NOT EXTEND INTO THE EXISTING REMAINING SLAB OR BEYOND THE HOLES CORED AT THE CORNERS OF THE NEW OPENING.

STRUCTURAL ALUMINUM NOTES:

- REFERENCE STANDARDS:
EXCEPT AS INDICATED, ALL DESIGN, FABRICATION AND ERECTION OF STRUCTURAL ALUMINUM SHALL BE GOVERNED BY:
ALUMINUM ASSOC'S SPECIFICATION FOR ALUMINUM STRUCTURES, 2010.
AWS D1.2, STRUCTURAL WELDING CODE - ALUMINUM.
- MATERIALS:
ALUMINUM STRUCTURAL SECTIONS: 6061-T6; F_y = 42KSI, F_t = 35KSI
STAINLESS STEEL BOLTS: ASTM A193, TYPE 316
STAINLESS STEEL NUTS: ASTM A194, TYPE 316
STAINLESS STEEL WASHERS: TYPE 316
STAINLESS STEEL ANCHOR RODS: ASTM A320, TYPE 316
WELD FILLER MATERIAL: 4043
- ALL WELDED JOINTS SHALL BE IN ACCORDANCE WITH AWS D1.2. USE ONLY WELDERS CERTIFIED TO WELD ALUMINUM.
- WHERE THE CONTACT OF DISSIMILAR METALS MAY CAUSE ELECTROLYSIS OR WHERE ALUMINUM WILL COME IN CONTACT WITH CONCRETE, MORTAR OR PLASTER, MILD STEEL OR STAINLESS STEEL, THE ALUMINUM CONTACT SURFACE SHALL BE INSULATED FROM STEEL OR CONCRETE CONSTRUCTION WITH FABRIC REINFORCED ELASTOMERIC OR NEOPRENE MATERIAL.
- PROVIDE NEOPRENE BUSHINGS AT ALL ALUMINUM BOLTED CONNECTIONS.

STATE OF ILLINOIS
ALBERT F. KALTENTHALER
#1-004927
SCHMIDSBURG, ILL.
LICENSED STRUCTURAL ENGINEER

Albert F. Kaltenthaler
ALBERT F. KALTENTHALER
DATE LICENSE EXPIRES 11 / 30 / 2014
SHEET RANGE 192-213



EXISTING BENCH TO BE REMOVED, AND REINSTALLED ON PLATFORM. LOCATION TO BE DETERMINED BY CTA.

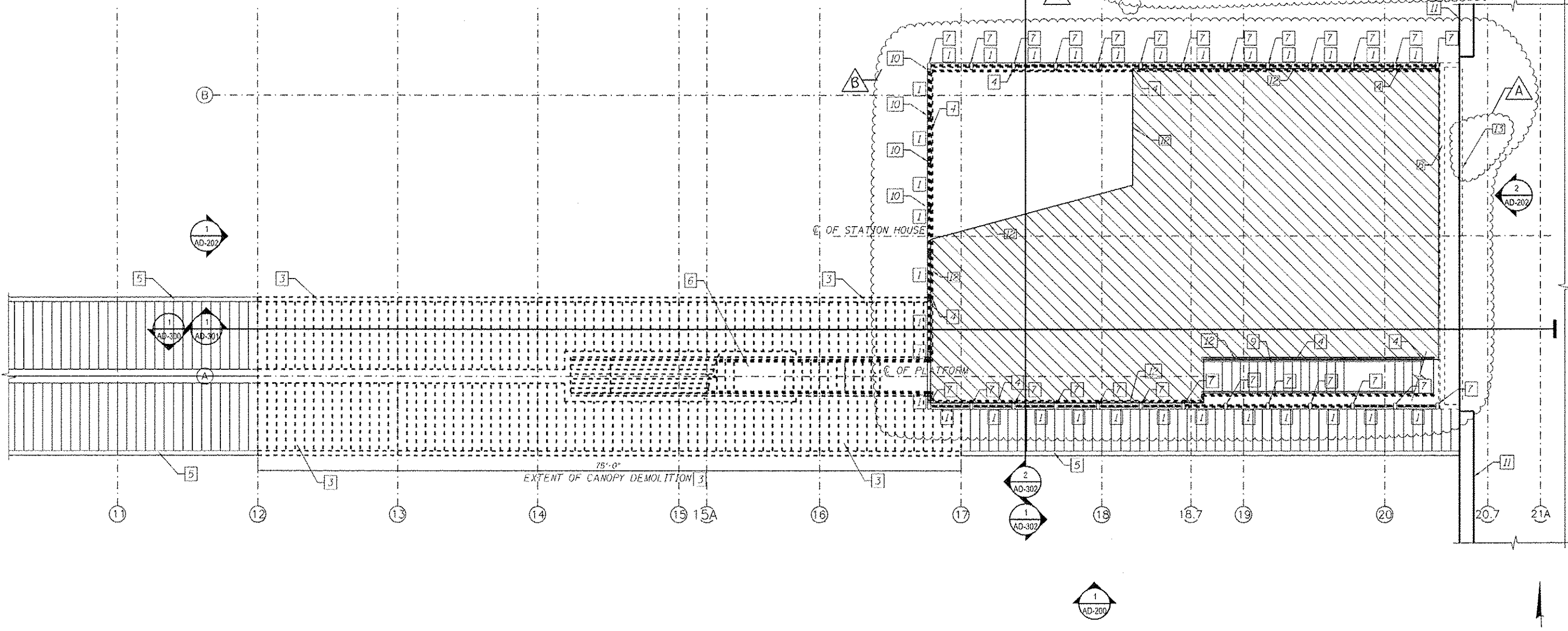
EXISTING BENCH



EXISTING BIKE RACK TO BE REMOVED, MODIFIED AND REINSTALLED.

EXISTING BIKE RACK

- KEY NOTES:
1. REMOVE GLAZING AND GLAZING STOPS AND SCREWS.
 2. NOT USED.
 3. REMOVE EXISTING PLATFORM CANOPY DECKING TO NEAREST FULL PANEL ASSOCIATED STRUCTURE, DRAINAGE POWER, COMMUNICATIONS AND LIGHTING. COORDINATE WITH STRUCTURAL, PLUMBING, COMMUNICATION, AND ELECTRICAL DRAWINGS. REMOVE AND STORE FOR REINSTALLATION EXISTING LIGHTING FIXTURES.
 4. REMOVE GUARDRAILS AT WINDOW WALL AND STAIR IN THEIR ENTIRETY.
 5. EXISTING PLATFORM CANOPY STRUCTURE TO REMAIN.
 6. REMOVE EXISTING PEORIA STREET STATION WEST STAIR SALVAGE STRINGERS AND CAST IRON TREADS.
 7. EXISTING STEEL TUBE STRUCTURE TO REMAIN, REMOVE FASTENERS.
 8. REMOVE EXISTING MASONRY WALL AND METAL DOOR FRAMES IN THEIR ENTIRETY AT EAST FACADE.
 9. EXISTING PEORIA STREET STATION EAST STAIR STRINGERS AND GLASS FRAMES TO REMAIN, REMOVE AND STORE FOR REINSTALLATION EXISTING CAST IRON TREADS, REMOVE GLASS AND GLASS STOPS.
 10. EXISTING 3/2"x3/2" STEEL COLUMNS TO REMAIN.
 11. NEW BRIDGE. SEE BRIDGE STRUCTURAL DRAWINGS.
 12. REMOVE EXISTING CONCRETE FLOOR TOPPING ABOVE PRECAST CONCRETE PLANKS. SEE STATION FLOOR PLAN, AND STRUCTURAL DRAWINGS.
 13. REMOVE EXISTING CONTROL JOINT, VERIFY LOCATION.



1 DEMOLITION STATION FLOOR PLAN
SCALE: 3/16" = 1'-0"

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	USER NAME * whbuce	DESIGNED - WHB	REVISED - 12/18/2013
		CHECKED - CRR	REVISED - 2/18/2014
	PLOT SCALE * 5:4.0006 "1" / In.	DRAWN - WHB	REVISED
	PLOT DATE * 2/18/2014	CHECKED - CRR	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
DEMOLITION STATION FLOOR PLAN

SHEET NO. AD-120 OF 117 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	217
CONTRACT NO. 60W29			[ILLINOIS] FED. AID PROJECT / FED. AID PROJECT	

