

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	1
		ILLINOIS	CONTRACT NO. 63722	

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

**FAU ROUTE 2783 (RIDGELAND AVE.) AND MARION STREET
SOUTH BOULEVARD TO NORTH BOULEVARD
VIADUCT ENHANCEMENT
SECTION 11-00253-00-LS
PROJECT TE-00D1(861)
VILLAGE OF OAK PARK
COOK COUNTY
C-91-475-11**



POSTED SPEED LIMIT
MARION STREET: 30 M.P.H.
RIDGELAND AVENUE: 30 M.P.H.

DESIGN DESIGNATION
MARION STREET: LOCAL ROAD
RIDGELAND AVENUE: OTHER ARTERIAL

TRAFFIC VOLUME
MARION STREET: 4,000 VPD
RIDGELAND AVENUE: 18,000 VPD

**PROJECT ENDS
STA. 99 + 84.15**

**PROJECT BEGINS
STA. 98 + 33.66**

**PROJECT ENDS
STA. 91 + 53.42**

**PROJECT BEGINS
STA. 89 + 55.03**

STRAND ASSOCIATES, INC.
IDFPR NO. 184001273



ALL EXCEPT
ELECTRICAL DETAILS



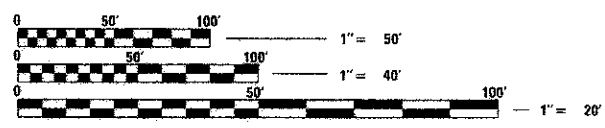
ELECTRICAL DETAILS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED MAY 25, 2012
[Signature]
VILLAGE OF OAK PARK - VILLAGE ENGINEER

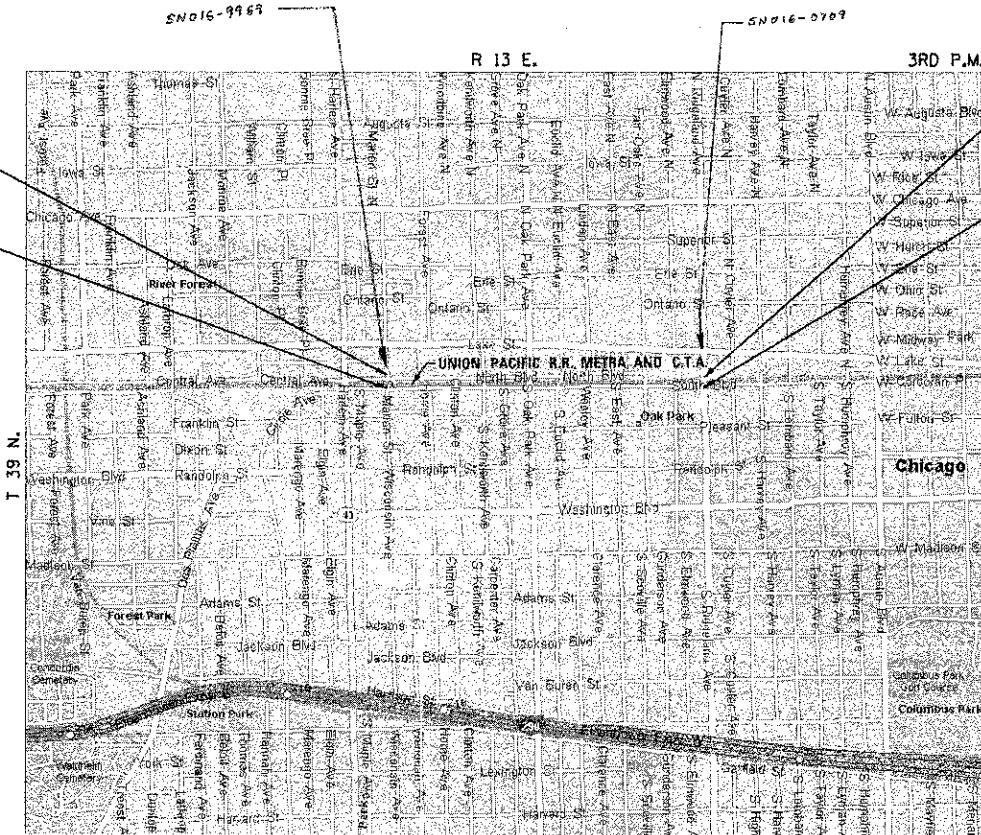
PASSED MAY 31, 2012
[Signature]
DISTRICT ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR
BID BASED ON
LIMITED REVIEW MAY 31, 2012
[Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 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.

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



OAK PARK TOWNSHIP LOCATION MAP
NO SCALE

MARION GROSS LENGTH=	150.49 FT = 0.029 MILES
MARION NET LENGTH=	150.49 FT = 0.029 MILES
RIDGELAND GROSS LENGTH=	198.39 FT = 0.038 MILES
RIDGELAND NET LENGTH=	198.39 FT = 0.038 MILES
TOTAL GROSS AND NET LENGTH=	348.88 FT = 0.067 MILES

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

SA STRAND ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184001273

CONSULTANT: STRAND ASSOCIATES, INC. (815) 744-4200
PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDGLE, P.E. 847-705-4406 SCHALMUR, IL.

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE ACCORDING TO THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JAN. 1, 2007, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2011, THE DETAILS IN THESE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
2. THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
4. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM AND IS RESPONSIBLE FOR ANY DAMAGE CAUSED.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND UTILITIES AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.
6. 48 HOURS PRIOR TO THE START OF ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.L.E. AND THE VILLAGE OF OAK PARK FOR VERIFICATION OF ALL UTILITY LOCATIONS IN THE FIELD.
7. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
8. THE CONTRACTOR SHALL COORDINATE WITH ALL ABOVE AND UNDERGROUND UTILITY COMPANIES IF UTILITIES NEED TO BE RELOCATED.
9. THE CONTRACTOR SHALL ENSURE ALL PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK
10. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKER MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DISRUPTED BY THEIR OPERATIONS.
11. SIDEWALK RAMPS ACCESSIBLE TO THE DISABLED SHALL BE PROVIDED AT ALL CROSSWALK AND DRIVEWAY LOCATIONS OR AS DIRECTED BY THE ENGINEER, ACCORDING TO STANDARD 424001.
12. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN ACCESS TO ALL PRIVATE AND COMMERCIAL PROPERTIES AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. ACCESS SHALL BE MAINTAINED AT ALL TIMES TO THE STATION AT MARION STREET.
13. THE CONTRACTOR SHALL TAKE CARE TO PROTECT EXISTING LANDSCAPING NOT SCHEDULED FOR REMOVAL. LANDSCAPING THAT IS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND AND AT THEIR EXPENSE.
14. LAYOUT AND STAKING FOR ALL CONSTRUCTION OPERATIONS SHALL BE PROVIDED BY THE CONTRACTOR.
15. TOP SOIL SHALL BE FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER AND FREE OF ROOT STUMPS, STONES AND OTHER MATERIAL HARMFUL TO PLANT GROWTH.
16. ALL SIGN RELOCATIONS AND PROPOSED SIGNS SHALL BE PLACED IN THE LOCATION INDICATED IN THE SIGN SCHEDULE IN THE SCHEDULE OF QUANTITIES. ALL SIGNS SHALL BE INSTALLED ACCORDING TO THE MUTCD AND THE ILLINOIS STANDARD SPECIFICATIONS.
17. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION, DIRECTION AND MEANS/METHOD OF CONSTRUCTION.
18. PROPOSED SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2.00%, AS DETERMINED BY THE ENGINEER.

19. THE VILLAGE OF OAK PARK WATER DEPARTMENT (708)-445-3340 EXT. 3375 SHALL BE RESPONSIBLE FOR TURNING THE WATER MAIN VALVES ON AND OFF. THE CONTRACTOR IS NOT ALLOWED TO TURN THE OAK PARK OWNED WATER MAIN VALVES ON AND OFF. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF OAK PARK FOR A WATER METER IF NECESSARY.
20. THE CONTRACTOR SHALL SAW CUT THE EXISTING SIDEWALK AT THE BACK OF CURB. ANY DAMAGE TO THE CURB OR CURB AND GUTTER SHALL BE REPAIRED AT NO COST TO THE CONTRACT. SAW CUTTING SHALL BE INCIDENTAL TO THE CONTRACT.
21. NO FIELD WELDING IS PERMITTED TO THE EXISTING RAILROAD STRUCTURES.
22. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COORDINATE WITH THE UNION PACIFIC RAILROAD, METRA, AND CTA RAILROAD WHENEVER CONSTRUCTION ACTIVITY IS WITHIN 25 FEET OF RAILROAD ROW. THE CONTRACTOR SHALL RETAIN FLAGMEN EMPLOYED AND DESIGNATED BY THE UNION PACIFIC RAILROAD, METRA, AND CTA RAILROAD TO MONITOR ON-COMING TRAIN TRAFFIC, AND ADVISE CONTRACTOR PERSONNEL WHEN ACTIVITY ON OR NEAR THE RAILROAD RIGHT-OF-WAY MAY PROCEED. THIS ITEM WILL BE PAID FOR ACCORDING TO ARTICLE 107.12 AND WILL BE REIMBURSED ACCORDING TO ARTICLE 109.05.
23. THE CONTRACTOR SHALL REMOVE AND STORE ITEMS MOUNTED TO THE EXISTING STEEL VIADUCT THAT SHALL BE IMPACTED BY THE PROPOSED WORK. THE CONTRACTOR SHALL REINSTALL THE ITEMS IMMEDIATELY FOLLOWING THE COMPLETION OF THE WORK.
24. THE CONTRACTOR SHALL NOTIFY THE RAILROAD COMPANIES PRIOR TO THE START OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL THE REQUIREMENTS OF THE RAILROAD COMPANIES. BELOW ARE THE CONTACTS:
25. COMPANY: CHICAGO TRANSIT AUTHORITY
CONTACT: JIM HARPER (CHIEF ENGINEER) TELEPHONE: 312-681-3960 OR DAN SCHIFFER (MANAGER STRUCTURE MAINTENANCE) TELEPHONE: 773-722-4138
ANY WORK TAKING PLACE UPON THE RAILROAD RIGHT-OF-WAY OR STRUCTURE MUST FIRST BE COORDINATED WITH CTA PERSONELL. CTA UTILIZES CONTINUOUS 600 VOLT DC IN ELECTRIFIED THIRD RAILS AT TRACK LEVEL, PRESENTING POTENTIALLY HAZARDOUS AND FATAL ARCING PROBLEMS.
26. COMPANY: UNION PACIFIC RAILROAD
CONTACT: BYRON THIESSE (MANAGER, STRUCTURAL PROJECTS)
TELEPHONE: 312-496-4729
FAX: 402-233-2893
27. A NOMINAL QUANTITY OF INLET FILTERS HAS BEEN PROVIDED TO PROTECT EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT AREA. THE ACTUAL NEED FOR INLET FILTERS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
28. FASTENERS SHALL BE ASTM A325, MECHANICALLY GALVANIZED BOLTS UNLESS OTHERWISE NOTED.
29. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION 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 AT THE UNIT PRICE BID FOR THE WORK.
30. QUANTITIES HAVE BEEN INCLUDED FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND SUBBASE GRANULAR MATERIAL, TYPE B, 6". THE ACTUAL NEED FOR THESE SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

CLEANING AND PAINTING EXISTING STRUCTURES

1. ALL SHOP DRAWINGS SHOULD BE SENT FOR APPROVAL BY UNION PACIFIC RAILROAD, METRA, AND CTA
2. IN THE "CLEANING AND PAINTING EXISTING STEEL STRUCTURES" SPECIAL PROVISION, PAINT SYSTEM 3 - EM/EM/AC SHALL BE USED.
3. THE CONTRACTOR SHALL MAINTAIN ALL SIGNING ATTACHED TO THE VIADUCTS DURING BRIDGE CLEANING AND PAINTING. THIS COST SHALL BE INCLUDED IN THE UNIT PRICE FOR CLEANING AND PAINTING STRUCTURAL STEEL, IN THE APPROPRIATE LOCATION.

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS ABBREVIATIONS AND PATTERNS
- 280001-06 TEMPORARY EROSION CONTROL SYSTEM
- 424006 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
- 701006-02 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701101-02 OFF-ROAD OPERATIONS, MULTILANE 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701601-07 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-02 TRAFFIC CONTROL DEVICES
- 825001-01 LIGHTING CONTROLLER POLE MOUNTED, 240V

DISTRICT ONE STANDARDS

- BE-702 MISCELLANEOUS DETAILS SHEET A- CABLE SPLICE, POLE WIRING, TRENCH DETAIL
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS

VILLAGE OF OAK PARK


- POLICE DEPARTMENT (708) 386-3800
- FIRE DEPARTMENT (708) 386-3300

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, GENERAL NOTES, AND HIGHWAY STANDARDS
- 3 - 6 SUMMARY OF QUANTITIES
- 7 MARION STREET PLAN
- 8 MARION STREET ELECTRICAL PLAN
- 9 MARION STREET VIADUCT ELEVATIONS
- 10 MARION STREET GATEWAY DETAILS
- 11 RIDGELAND AVENUE PLAN
- 12 RIDGELAND AVENUE ELECTRIC PLAN
- 13 RIDGELAND AVENUE VIADUCT ELEVATIONS
- 14 RIDGELAND AVENUE GATEWAY DETAILS
- 15 - 16 DETAILS
- 17 - 21 ORNAMENTAL METAL PANELS DETAILS
- 22 MARION STREET ELECTRICAL PLAN RECORD DRAWING
- 23 - 24 DISTRICT 1 DETAILS

DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

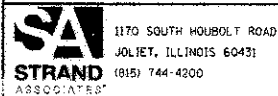
FILE NAME : SA:\D\16780-6799\16780\16780\16780\CADD Sheets\0163722-111.dwg

	1170 SOUTH HOBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = amanda_j	DESIGNED - JDM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS AND DISTRICT ONE DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		PLOT SCALE = 20,000' / 1" =	CHECKED - MTC	REVISIED -			2783	11-00253-00-LS	COOK	24	2	
	PLOT DATE = 7/5/2012	DATE - 05-07-2012	REVISIED -		SCALE: AS SHOWN	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 63722				
											ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE	CONST. CODE
				80% FED	100% OAK PARK
				20% OAK PARK	SAFETY
				0031	0031
				URBAN	URBAN
* 20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	65	65	
* 21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	20	20	
* 28000510	INLET FILTERS	EACH	4	4	
* 31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	350	350	
* 42001300	PROTECTIVE COAT	SQ YD	350	350	
* 42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,400	1,400	
* 42400800	DETECTABLE WARNINGS	SQ FT	40	40	
* 44000100	PAVEMENT REMOVAL	SQ YD	186	186	
* 44000600	SIDEWALK REMOVAL	SQ FT	300	300	
* 50606701	CLEANING AND PAINTING STRUCTURAL STEEL, LOCATION 1	L SUM	1		1
* 50606702	CLEANING AND PAINTING STRUCTURAL STEEL, LOCATION 2	L SUM	1		1
* 60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1	
67100100	MOBILIZATION	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	

* SPECIALTY ITEM

FILE NAME = S:\JUL\6728--6795\6734\012\1\Access\Cadd Sheets\016372-ah-500.dgn



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
USER NAME = emandoj
PLOT SCALE = 1/8"=1'-0"
PLOT DATE = 5/1/2012

DESIGNED - JDM
DRAWN - JKP
CHECKED - MTC
DATE = 5/1/2012

REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET OF SHEETS, STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	3

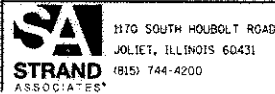
CONTRACT NO. 63722

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE	CONST. CODE
				80% FED	100% OAK PARK
				20% OAK PARK	SAFETY
				SAFETY	SAFETY
				0031	0031
				URBAN	URBAN
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	1	
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	1	
81100510	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	1,097	1,097	
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	38	38	
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	13	13	
81702420	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT	677	677	
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	20	20	
87301405	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 16 1 PAIR	FOOT	320	320	
D2003776	EVERGREEN, THUJA OCCIDENTALIS SMARAGD (EMERALD GREEN AMERICAN ARBORVITAE), 5' HEIGHT, BALLED AND BURLAPPED	EACH	7	7	
* X0321309	CONCRETE PAD	SQ YD	186	186	
* X5017307	PROTECTIVE SHIELD, SPECIAL	SQ YD	35	35	
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1	1	
XX001532	PROJECT SIGN	EACH	2	2	

* SPECIALTY ITEM

FILE NAME = S:\JOL\6708-6799\6794\012\Micros\CADD Sheets\063722-sh-900.dgn



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amandoj
DESIGNED - JDM
DRAWN - JKP
CHECKED - MTC
DATE - 05-07-2012

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

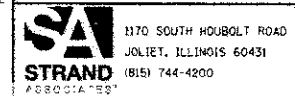
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	4
CONTRACT NO. 63722				

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE	CONST. CODE
				80% FED	100% OAK PARK
				20% OAK PARK	SAFETY
				SAFETY	SAFETY
0031	0031				
URBAN	URBAN				
* XX001621	BRICK PAVER REMOVAL	SQ FT	1,036	1,036	
XX002065	LIGHTING UNIT COMPLETE	EACH	12	12	
* XX002202	VEHICLE CONTROL BOLLARDS	EACH	32	32	
XX005642	GATEWAY MONUMENT SIGN COMPLETE	EACH	25	25	
XX006066	SIGN TO BE RELOCATED	EACH	21	21	
XX007788	ORNAMENTAL METAL PANEL	EACH	26	26	
* XX008232	BICYCLE RACKS TO BE MOVED	EACH	11	11	
XX008592	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 4/C NO. 8 & 1/C NO. 8 GROUND	FOOT	401	401	
XX008593	ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 6/C NO. 8 & 1/C NO. 8 GROUND	FOOT	974	974	
* Z0003855	BICYCLE RACKS	EACH	24	24	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1	
Δ Z0076600	TRAINEES	HOUR	1,000	1,000	
XX008232	ILUMILINE 36 IP OPTIC 30 RGB	EACH	44	44	

* SPECIALTY ITEM
Δ 0042

FILE NAME = SA\JUL16708--6799\6794\012\Micro\CARD Sheets\0163722-ht-500.dgn



USER NAME = amanda.j	DESIGNED = JDM	REVISED =
PLOT SCALE = 10.0000 / in.	DRAWN = JKP	REVISED =
PLOT DATE = 6/1/2012	CHECKED = MTC	REVISED =
	DATE = 05-27-2012	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	5
CONTRACT NO. 63722			ILLINOIS FED. AID PROJECT	

CONST. CODE	CONST. CODE
80% FED 20% OAK PARK	100% OAK PARK
SAFETY	SAFETY
0031	0031
URBAN	URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE	
				80% FED 20% OAK PARK	100% OAK PARK
* XX008686	BIKE SHELTER	EACH	2	2	
* XX008687	ART PANEL	EACH	10	10	
XX008688	ILUMIPOD 7 IP OPTIC 18 VW 2:1	EACH	10	10	

• SPECIALTY ITEM

FILE NAME = S:\JUL 12 708 -- 6799\264 012\Micro\CAD\ Sheets\063722-sh-500.dgn

SAI STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4290

USER NAME = amandaj	DESIGNED - JDM	REvised -
PLOT SCALE = 1/8" = 1'	DRAWN - JKP	REvised -
PRINT DATE = 6/1/2012	CHECKED - MTC	REvised -
	DATE = 08-07-2012	REvised -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

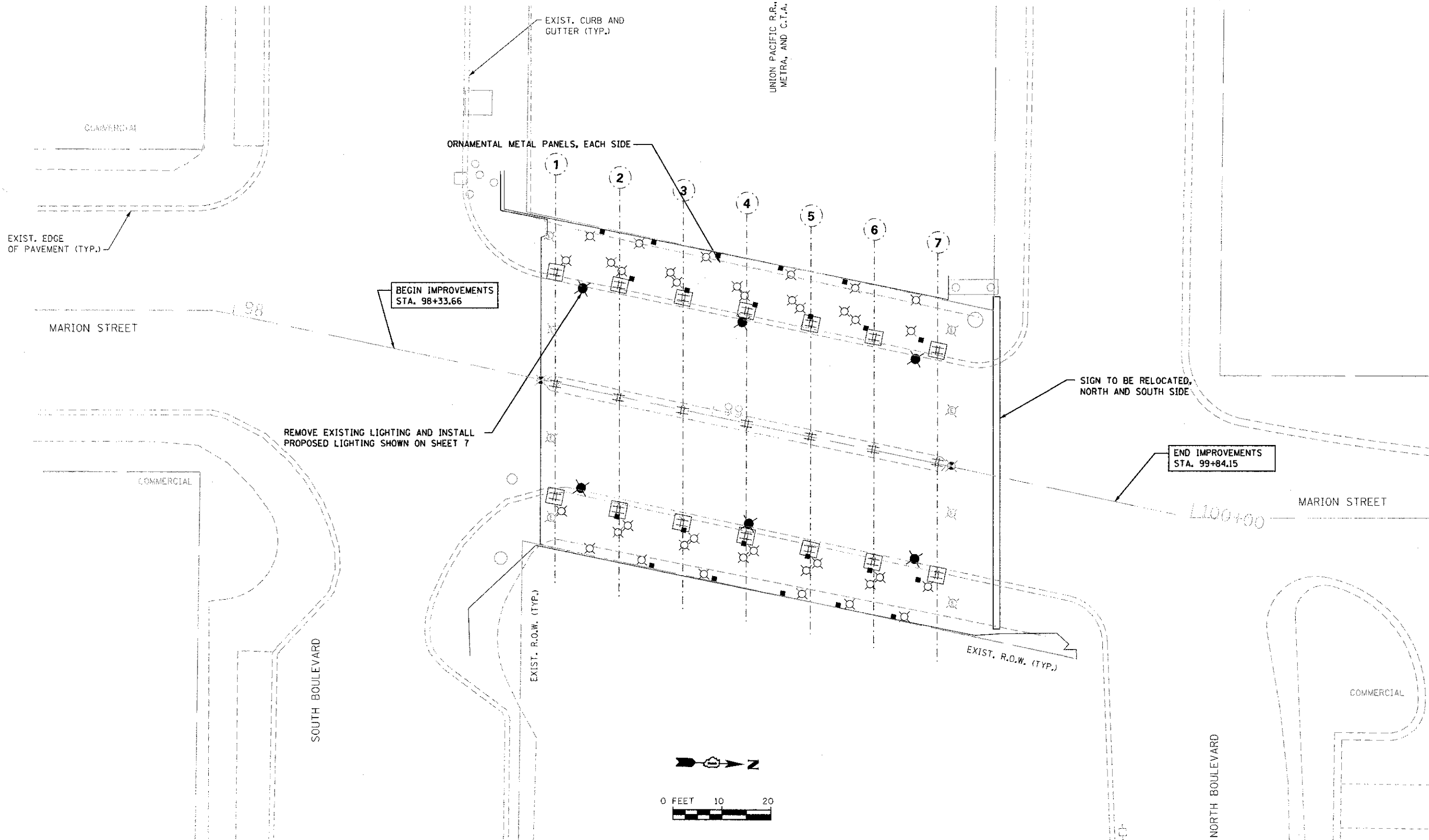
SUMMARY OF QUANTITIES

SHEET	OF	SHEETS	STA	TO STA

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	6
				CONTRACT NO. 63722

ILLINOIS FED. AID PROJECT

FILE NAME = S:\JUL 16788--6795\6784\02\Marion\CADD Sheets\1083722-shr-mar-ion-plendgn



SA
STRAND
ASSOCIATES*

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
USER NAME = amandej
PLOT SCALE = 10,0000' / 1" = 1000
PLOT DATE = 5/30/2012

DESIGNED - JDM
DRAWN - JKP
CHECKED - MTC
DATE - 05-07-2012

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MARION STREET PLAN

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 2783	SECTION 11-00253-00-LS	COUNTY COOK	TOTAL SHEETS 24	SHEET NO. 7
CONTRACT NO. 63722				
ILLINOIS FED. AID PROJECT				

LOAD TABLE		
CIRCUIT	RED PHASE LOAD (AMPS)	BLACK PHASE LOAD (AMPS)
A	6.6	0
B	0	5.6
C	6.0	6.0
TOTALS	12.6	11.6

KEY NOTES:

- INTERCEPT EXISTING LIGHTING AND FLASHING BEACON CIRCUITS AT EXISTING CONDUIT BELOW PROPOSED JUNCTION BOX
- ELECTRIC CABLE IN CONDUIT, 600V (XPR TYPE USE), 6-1/C NO. 8, 1/C NO. 8 GROUND
- ELECTRIC CABLE IN CONDUIT, 600V (XPR TYPE RHW), 4-1/C NO. 8, 1/C NO. 8 GROUND
- ELECTRIC CABLE IN CONDUIT, 600V (EPR TYPE RHW) 3-1/C NO. 8

KEY NOTES:

- EXISTING LIGHTING CONTROLLER IS LOCATED ON THE SOUTHWEST CORNER OF PLEASANT BLVD AND MARION STREET. EXISTING CONDUIT LENGTH = 550 FT.
- SUPPLY AND INSTALLATION OF DRIVER ENCLOSURES (8 TOTAL), CONNECTIONS TO ILLUMILINE 36 IP OPTIC 30 RGB (26 TOTAL), AND CONNECTIONS TO ORNAMENTAL METAL PANEL DOWNLIGHT (10 TOTAL) SHALL BE INCIDENTAL TO JUNCTION BOX INSTALLATION.
- RECONNECT EXISTING FLASHING BEACONS (2 TOTAL) TO NEW WIRING. THIS WORK SHALL BE INCLUDED IN THE COST OF ELECTRIC CABLE IN CONDUIT, 600V (EPR TYPE RHW) 3-1/C NO. 8, CIRCUIT A, 120 V.

GENERAL NOTES:

- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE TAKEN TO MEAN THE LATEST EDITION OF NEC, IES, & IDOT STANDARDS.
- ALL NEW CONDUIT SHALL BE PVC-COATED RIGID GALVANIZED STEEL. CONDUIT MOUNTED TO CONCRETE SURFACES SHALL UTILIZE STAINLESS STEEL HARDWARE.
- UNDERPASS ROADWAY LUMINAIRES SHALL BE WALL MOUNTED 10 FEET ABOVE PAVEMENT SURFACE.
- JUNCTION BOXES AND LIGHTING CONTROLLER SHALL BE MOUNTED TO CONCRETE WALL WITH STAINLESS STEEL UNISTRUT AND HARDWARE FOR MOUNTING. BOXES SHALL NOT BE MOUNTED DIRECTLY TO CONCRETE SURFACE.
- ALL UNDERPASS ROADWAY LUMINAIRES SHALL BE 40 LAMPS, 66 WATTS, LED, 525MA DRIVER, DISTRIBUTION TYPE IV, MEDIUM CUTOFF, AT 120 V.
- SPLICING OF CONDUCTORS SHALL ONLY BE ALLOWED IN THE LUMINAIRES OR IN JUNCTION BOXES.
- REMOVAL OF EXISTING LUMINAIRE INCLUDES REMOVAL OF ALL ASSOCIATED CONDUIT, WIRE, JUNCTION BOXES, CONTROLLER, HARDWARE, AND APPURTINENT MATERIALS AS NOTED IN SECTION 842.03 OF THE STANDARD SPECIFICATIONS.
- RECONNECTION TO EXISTING GATEWAY FASCIA ASSEMBLY LIGHTING CIRCUITS SHALL BE INCIDENTAL TO JUNCTION BOX INSTALLATION.

CONTRACTOR SHALL PROVIDE WIRING FROM EXISTING LIGHTING CONTROLLER AT PLEASANT ST. TO THE VIADUCT THROUGH THE EXISTING 2" CONDUIT AND UP TO THE PROPOSED 12"x12"x6" JUNCTION BOX FOR DISTRIBUTION.

LIGHTING UNIT COMPLETE (TYP.) STA. 98+64, 20' LT

SEE INSTALLATION DETAIL ON SHEET 9 FOR GATEWAY SIGN LIGHTING CIRCUIT

CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA. PVC COATED GALVANIZED STEEL (TYP.)

DRIVER ENCLOSURE FOR GATEWAY MONUMENT SIGN LED LIGHTING, CIRCUIT C. 120V. (TYP. OF 2) (6)

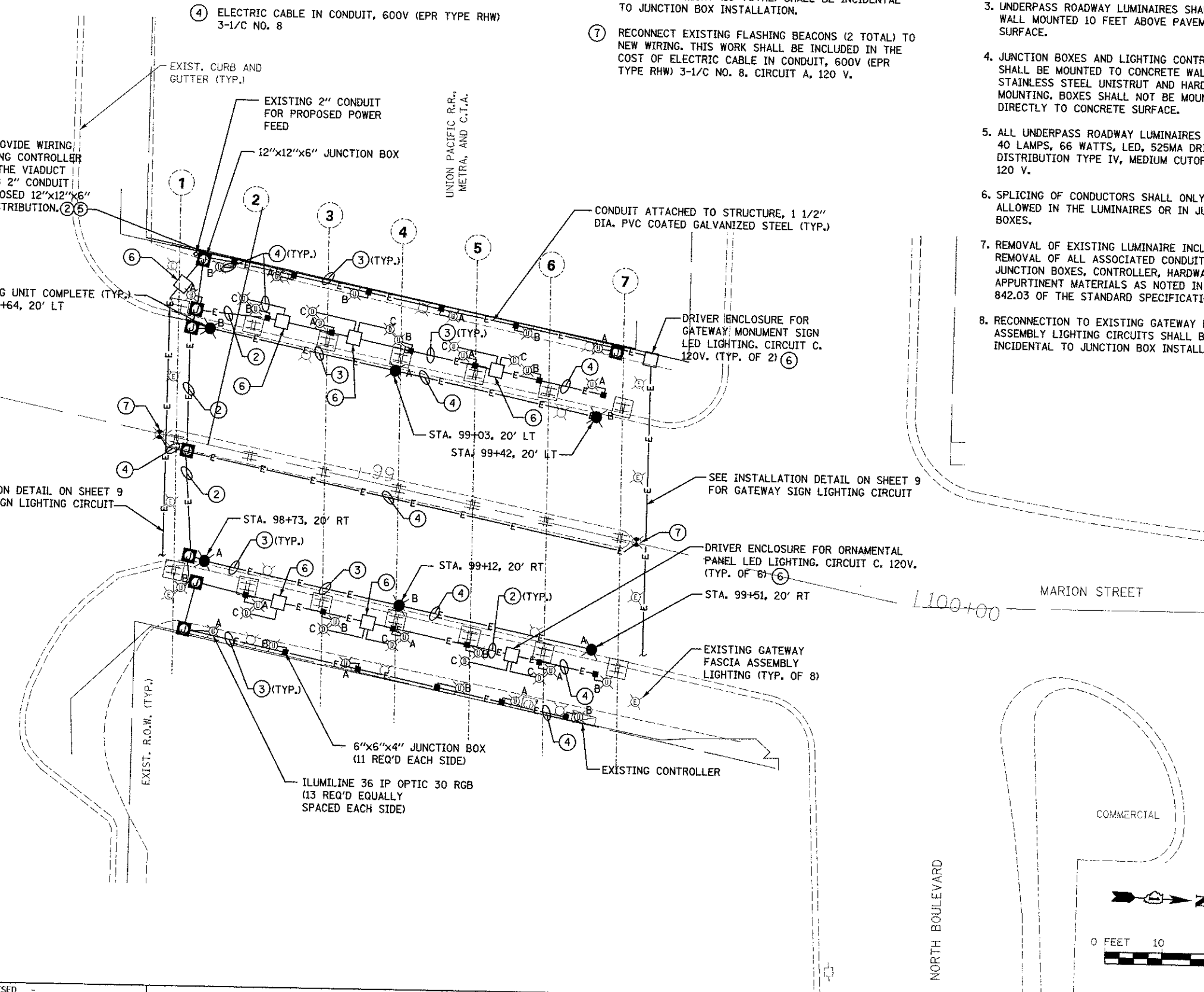
SEE INSTALLATION DETAIL ON SHEET 9 FOR GATEWAY SIGN LIGHTING CIRCUIT

DRIVER ENCLOSURE FOR ORNAMENTAL PANEL LED LIGHTING, CIRCUIT C. 120V. (TYP. OF 6) (6)

EXISTING GATEWAY FASCIA ASSEMBLY LIGHTING (TYP. OF 8)

LEGEND:

- LIGHTING UNIT COMPLETE (X=CIRCUIT DESIGNATION)
- ILLUMILINE 36 IP OPTIC 30 RGB (UPLIGHT)
- ILLUMIPOD 7 IP OPTIC 18 VW 2:1 (DOWNLIGHT)
- JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x12"x6"
- JUNCTION BOX, 6"x6"x4"
- CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL
- EXISTING GATEWAY FASCIA ASSEMBLY LIGHTING TO REMAIN
- REMOVAL OF EXISTING LUMINAIRE, NO SALVAGE
- EXISTING HANDHOLE
- EXISTING FLASHING BEACON
- KEY NOTE
- DRIVER



FILE NAME = S:\JUL16708--6799\6784\02\Micro\CAD\Shema\DJIS722-41\plan\electrical.dgn

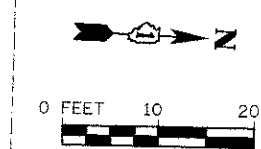


1170 SOUTH HOBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = brianf	DESIGNED - JDM	REVISED -
	PLOT SCALE = 1/8" = 1'-0"	DRAWN - JKP	REVISED -
	PLOT DATE = 6/28/2012	CHECKED - MTC	REVISED -
		DATE - 05-07-2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MARION STREET ELECTRICAL PLAN

F.A.U. RTE. 2785	SECTION 11-00253-00-LS	COUNTY COOK	TOTAL SHEETS 24	SHEET NO. 8
				CONTRACT NO. 63722

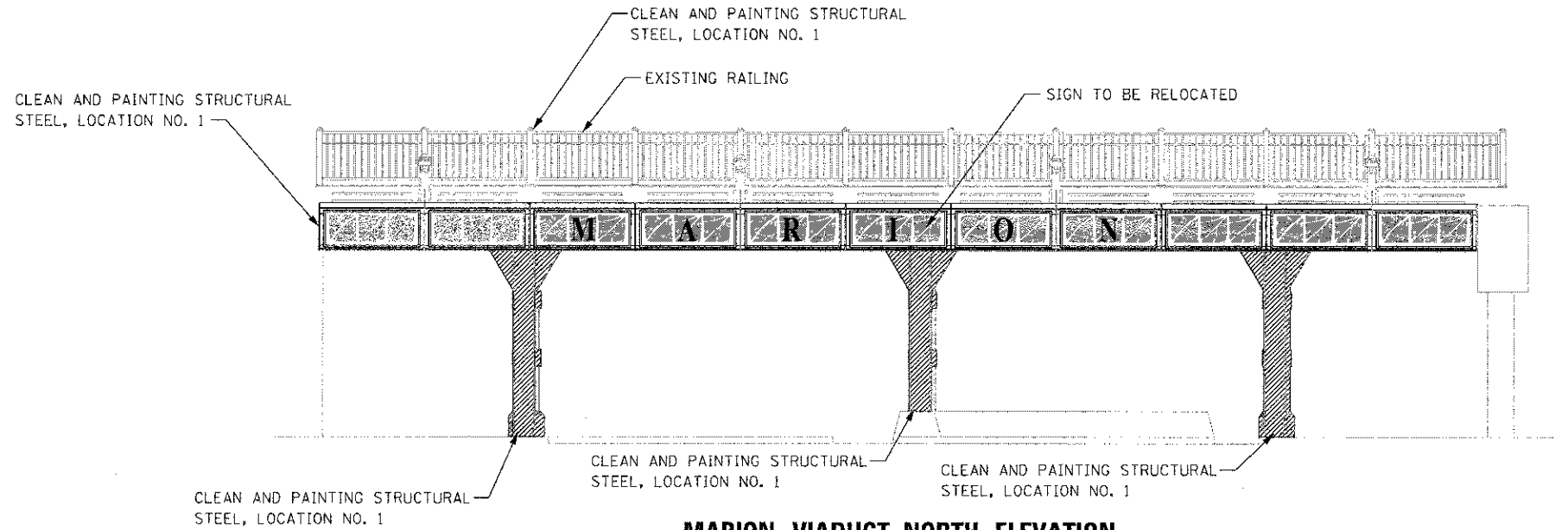


NOTES:

1. ALL DIMENSIONS INCLUDING BUT NOT LIMITED TO EXISTING FASCIA STRUCTURE BRACKET SPACING, AND RAILING SPACING TO BE FIELD VERIFIED BY CONTRACTOR.
2. EACH SIGN TO BE RELOCATED TO BE CENTERED BETWEEN THE BRACKETS OF THE EXISTING FASCIA STRUCTURE.
3. SEE ELECTRICAL PLAN FOR LIGHTING AND ELECTRICAL MODIFICATIONS.
4. CLEANING AND PAINTING STRUCTURAL STEEL, AT THE LOCATION ENUMERATED SHALL INCLUDE BUT IS NOT LIMITED TO COLUMNS, PIER BENTS, BASE PLATES, BRACKETS, FASCIA BEAM, AND CONNECTIONS. THE BEAMS COMPRISING THE MAIN SUPERSTRUCTURE SHALL NOT BE PAINTED.

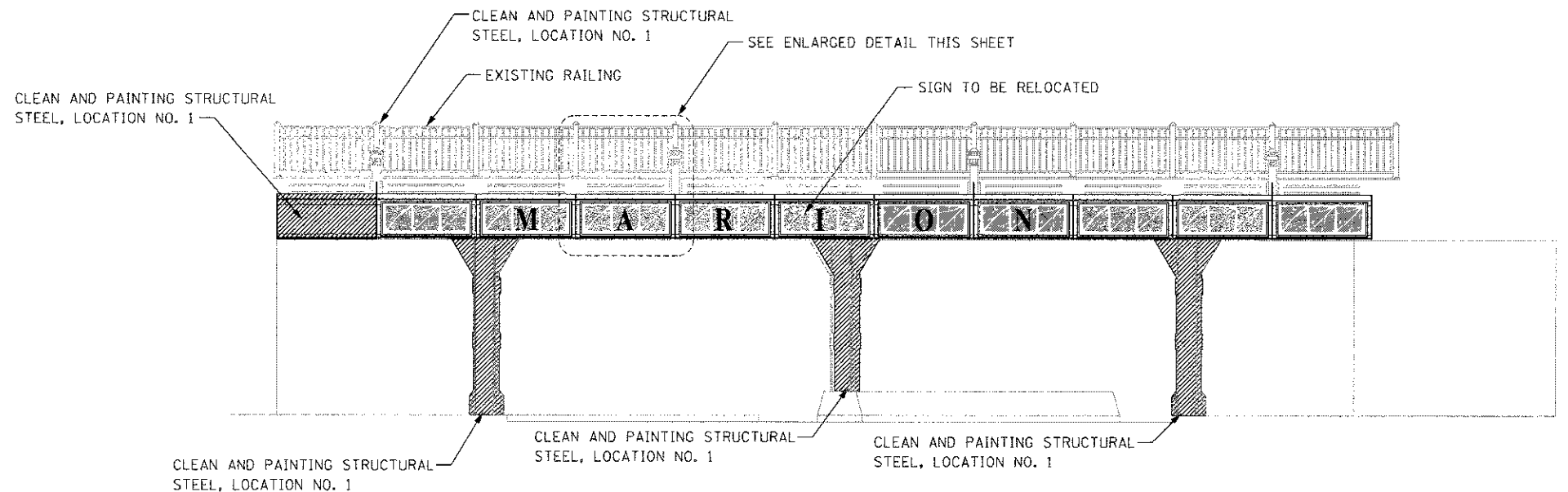
LEGEND:

 EXISTING SURFACE TO BE PAINTED



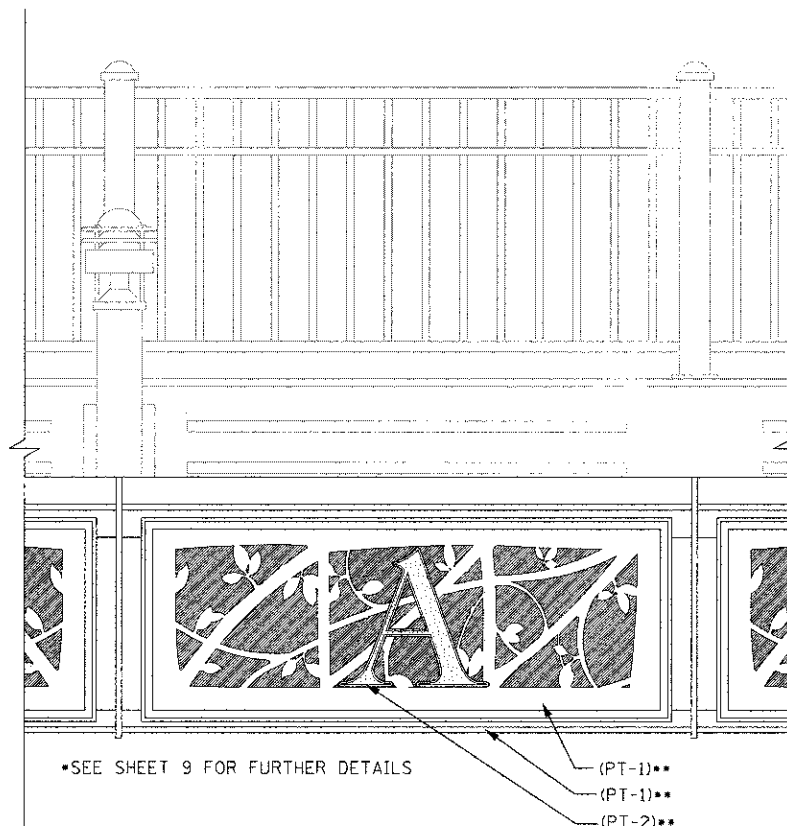
MARION VIADUCT NORTH ELEVATION

NOTE: ONE ILLUMILINE 36 IP OPTIC 30 RGB SHALL BE PROVIDED FOR EACH PANEL OF THE SIGN TO BE RELOCATED. THE FIXTURE, CONDUIT, ELECTRIC CABLE AND ANY OTHER MATERIALS NEEDED TO INSTALL EACH ILLUMILINE 36 IP OPTIC 30 RGB SHALL BE INCLUDED IN THE UNIT PRICE OF SIGN TO BE RELOCATED.



MARION VIADUCT SOUTH ELEVATION

NOTE: ONE ILLUMILINE 36 IP OPTIC 30 RGB SHALL BE PROVIDED FOR EACH PANEL OF THE SIGN TO BE RELOCATED. THE FIXTURE, CONDUIT, ELECTRIC CABLE AND ANY OTHER MATERIALS NEEDED TO INSTALL EACH ILLUMILINE 36 IP OPTIC 30 RGB SHALL BE INCLUDED IN THE UNIT PRICE OF SIGN TO BE RELOCATED.



ENLARGED FASCIA DETAIL

NOT TO SCALE

** PAINT COLORS DEFINED IN SPECIAL PROVISIONS

FILE NAME: S:\JDL\12700-6799\6799\12700\Marion.dwg

SA
STRAND
ASSOCIATES*

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amandaj
DESIGNED - JDM
DRAWN - JKP
CHECKED - MTC
DATE - 05-07-2012

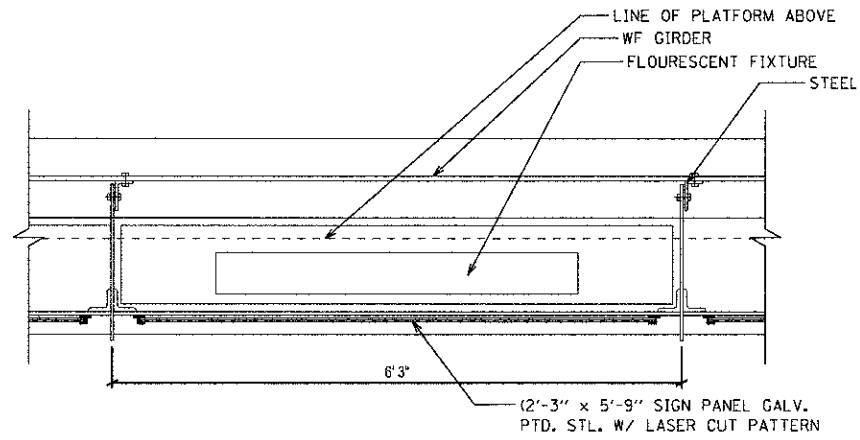
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

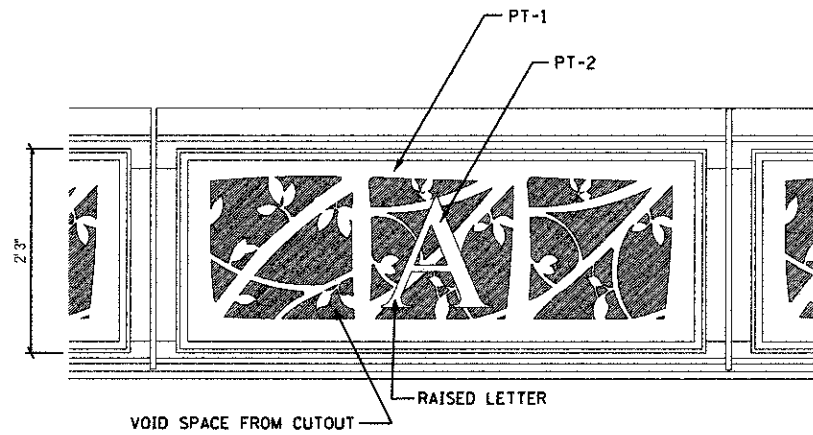
MARION STREET VIADUCT ELEVATIONS

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 2783	SECTION 11-00253-00-LS	COUNTY COOK	TOTAL SHEETS 24	SHEET NO. 9
CONTRACT NO. 63722			ILLINOIS FED. AID PROJECT	

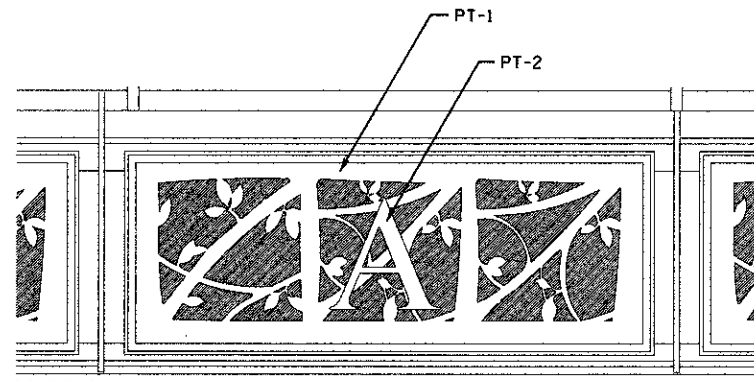


1 PLAN DETAIL
SCALE: 1" = 1'-0"



2 EXISTING ELEVATION AT NORTH GATEWAY
SCALE: 1" = 1'-0"

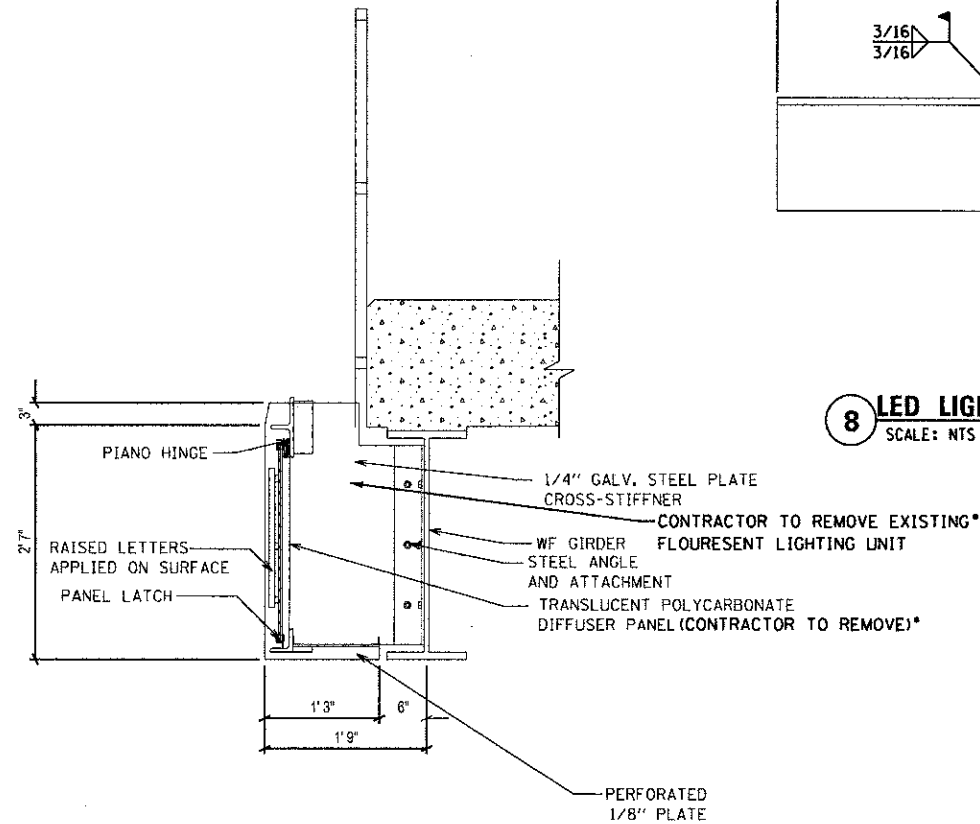
*CONTRACTOR TO REMOVE PANELS, CLEAN AND PAINT PANELS, INSTALL NEW RAISED LETTERS, WELD BRACKETS FOR LED LIGHTING AND REINSTALL PANELS.



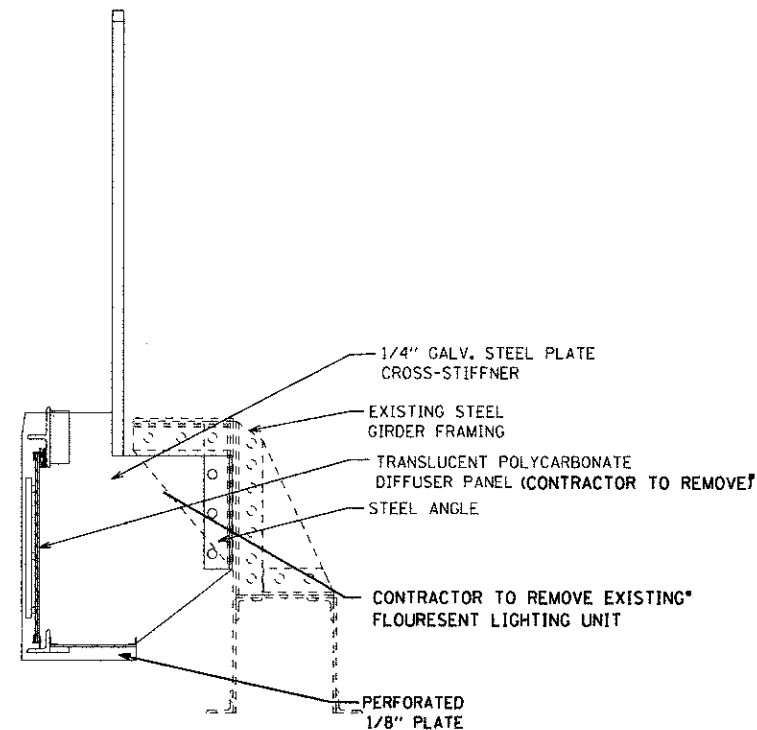
3 EXISTING ELEVATION AT SOUTH GATEWAY
SCALE: 1" = 1'-0"

*CONTRACTOR TO REMOVE PANELS, CLEAN AND PAINT PANELS, INSTALL NEW RAISED LETTERS, WELD BRACKETS FOR LED LIGHTING AND REINSTALL PANELS.

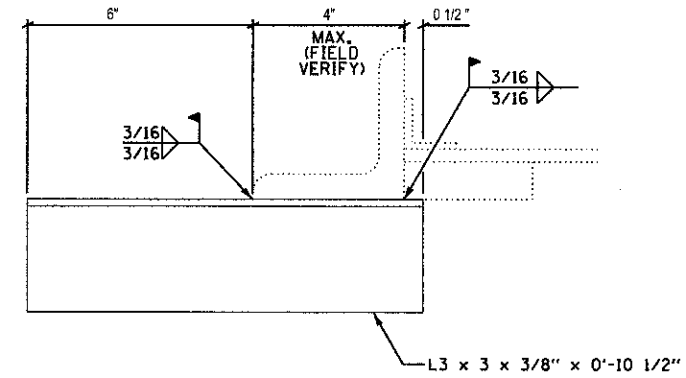
*DENOTES ALL WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR SIGN TO BE RELOCATED AND WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.



4 EXISTING SECTION AT NORTH GATEWAY
SCALE: 1" = 1'-0"



5 EXISTING SECTION AT SOUTH GATEWAY
SCALE: 1" = 1'-0"



8 LED LIGHTING SUPPORT DETAIL
SCALE: NTS

*LED LIGHTING - ILLUMILINE 36 IP OPTIC 30 RGB

*1 1/2" CONDUIT W/ ELCBL C COMM 16 1 PR

6 PROPOSED SECTION AT NORTH GATEWAY
SCALE: 1" = 1'-0"

*LED LIGHTING - ILLUMILINE 36 IP OPTIC 30 RGB

*1 1/2" CONDUIT W/ ELCBL C COMM 16 1 PR




7 PROPOSED SECTION AT SOUTH GATEWAY
SCALE: 1" = 1'-0"

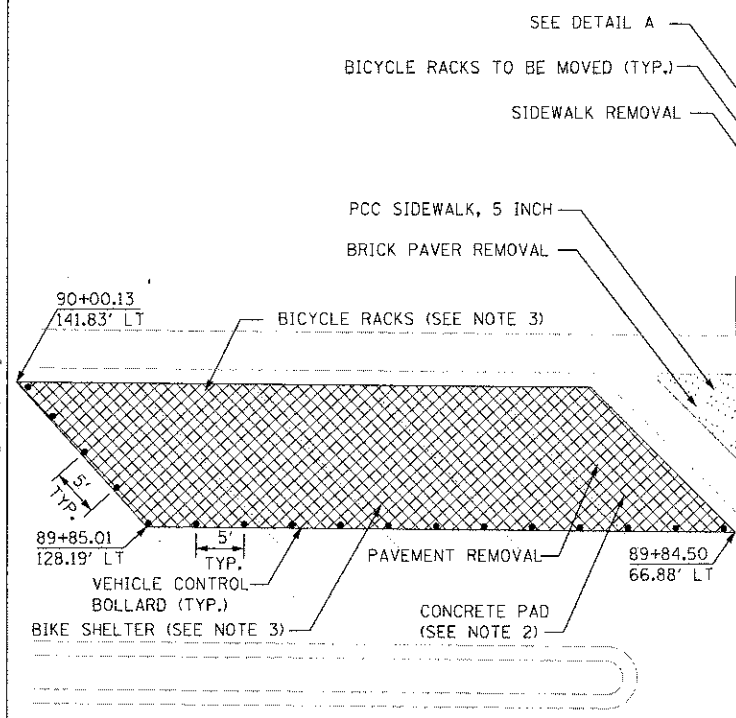
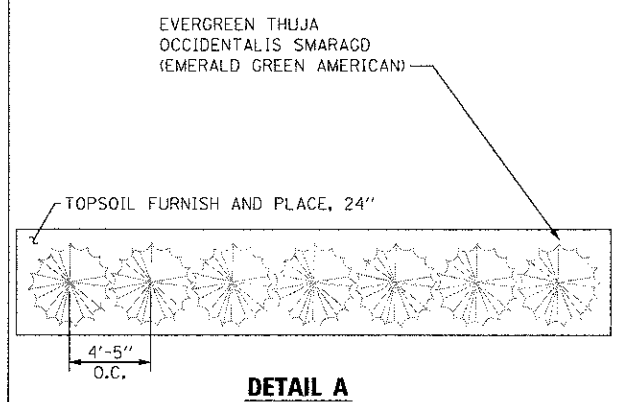
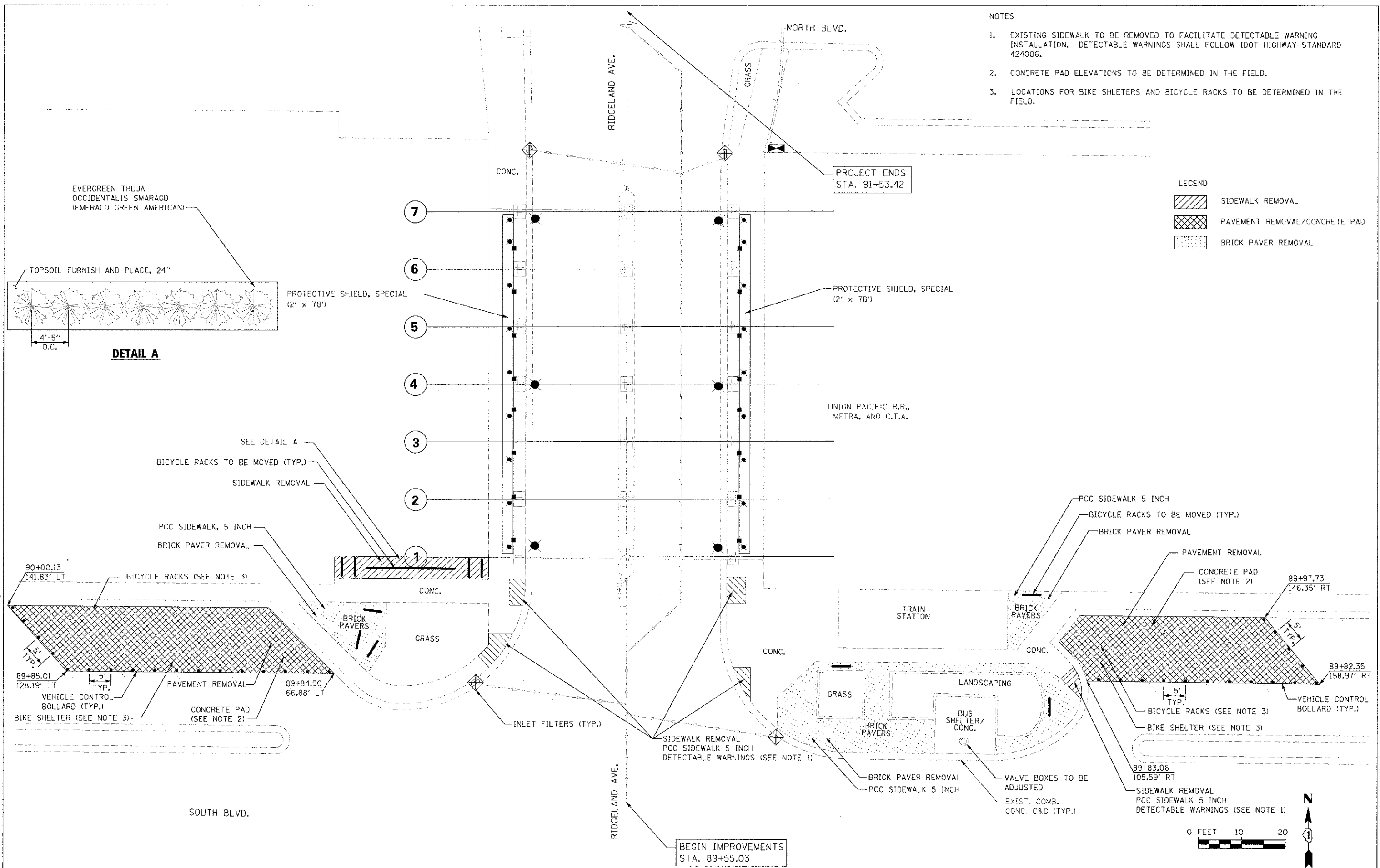
FILE NAME = S:\JUL_18788-6794\6794\B12\Micro\CADD Sheets\11-0253\11-0253-00-LS.dwg

NOTES

- EXISTING SIDEWALK TO BE REMOVED TO FACILITATE DETECTABLE WARNING INSTALLATION. DETECTABLE WARNINGS SHALL FOLLOW IDOT HIGHWAY STANDARD 424006.
- CONCRETE PAD ELEVATIONS TO BE DETERMINED IN THE FIELD.
- LOCATIONS FOR BIKE SHELTERS AND BICYCLE RACKS TO BE DETERMINED IN THE FIELD.

LEGEND

-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL/CONCRETE PAD
-  BRICK PAVER REMOVAL



SA STRAND ASSOCIATES
1170 SOUTH HOUSLEY ROAD
JOLIET, IL, INOIS 60431
(815) 744-4206

USER NAME = amandej
DESIGNED - JDM
DRAWN - JKP
CHECKED - MTC
DATE - 05-07-2012
PLOT SCALE = 10,0000' / 1" / 100'
PLOT DATE = 5/30/2012

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIDGELAND AVENUE PLAN
SCALE: AS SHOWN
SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	11
CONTRACT NO. 63722			ILLINOIS FED. AID PROJECT	

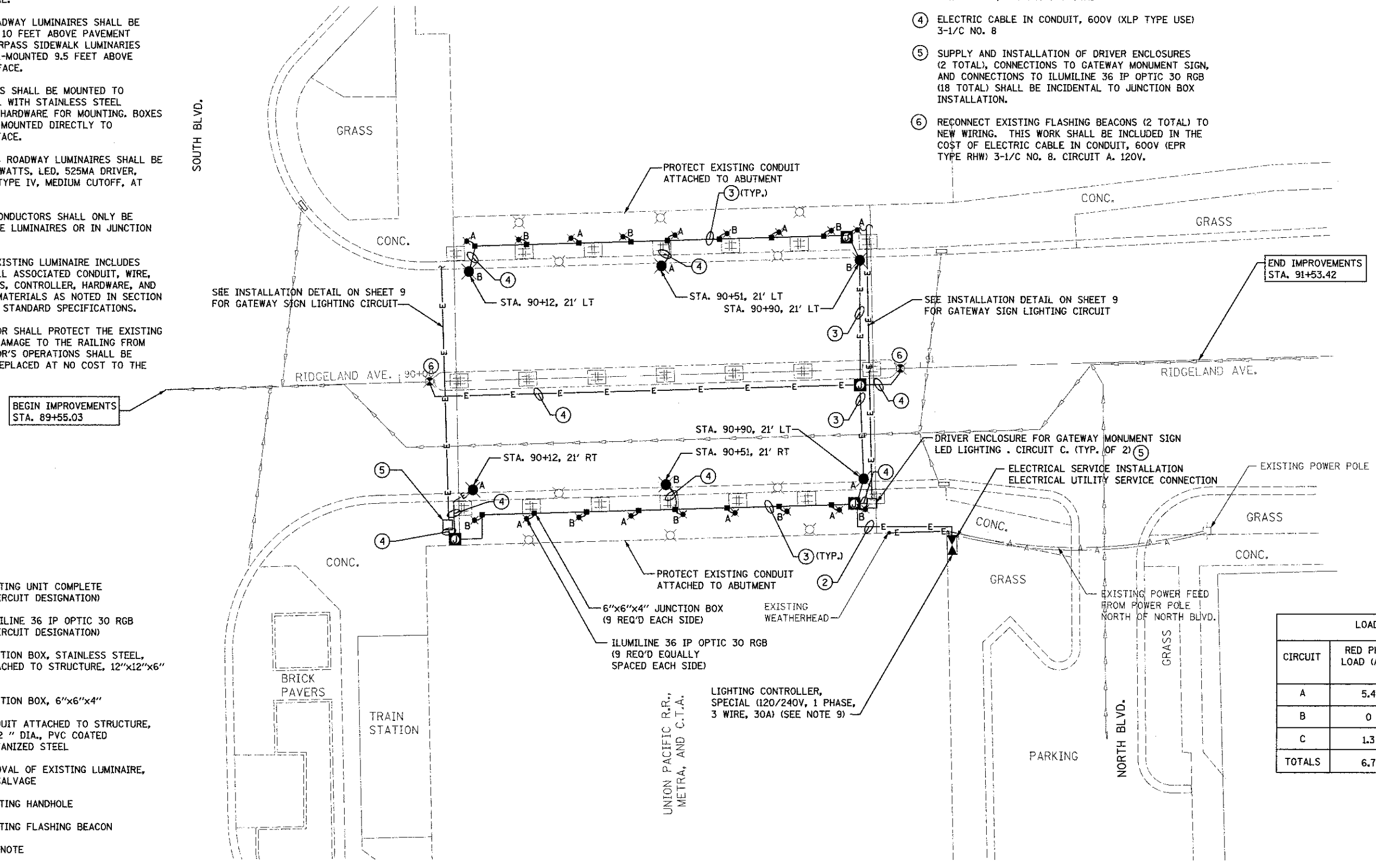
GENERAL NOTES:

1. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE TAKEN TO MEAN THE LATEST EDITION OF NEC, IES, & IDOT STANDARDS.
2. ALL NEW CONDUIT SHALL BE PVC-COATED RIGID GALVANIZED STEEL. CONDUIT MOUNTED TO CONCRETE SURFACES SHALL UTILIZE STAINLESS STEEL HARDWARE.
3. UNDERPASS ROADWAY LUMINAIRES SHALL BE WALL-MOUNTED 10 FEET ABOVE PAVEMENT SURFACE. UNDERPASS SIDEWALK LUMINAIRES SHALL BE WALL-MOUNTED 9.5 FEET ABOVE PAVEMENT SURFACE.
4. JUNCTION BOXES SHALL BE MOUNTED TO CONCRETE WALL WITH STAINLESS STEEL UNISTRUT AND HARDWARE FOR MOUNTING. BOXES SHALL NOT BE MOUNTED DIRECTLY TO CONCRETE SURFACE.
5. ALL UNDERPASS ROADWAY LUMINAIRES SHALL BE 40 LAMPS, 66 WATTS, LED, 525MA DRIVER, DISTRIBUTION TYPE IV, MEDIUM CUTOFF, AT 120 V.
6. SPLICING OF CONDUCTORS SHALL ONLY BE ALLOWED IN THE LUMINAIRES OR IN JUNCTION BOXES.
7. REMOVAL OF EXISTING LUMINAIRE INCLUDES REMOVAL OF ALL ASSOCIATED CONDUIT, WIRE, JUNCTION BOXES, CONTROLLER, HARDWARE, AND APPURTENANT MATERIALS AS NOTED IN SECTION 842.03 OF THE STANDARD SPECIFICATIONS.
8. THE CONTRACTOR SHALL PROTECT THE EXISTING RAILING. ANY DAMAGE TO THE RAILING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT NO COST TO THE CONTRACT.

9. THE LIGHTING CONTROLLER SHALL BE MOUNTED TO THE EXISTING ABUTMENT. REFER TO SHEET 16 FOR LIGHTING CONTROLLER DETAILS.

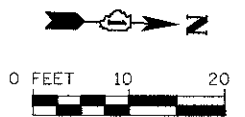
KEY NOTES:

- 1 INTERCEPT EXISTING LIGHTING AND FLASHING BEACON CIRCUITS AT EXISTING CONDUIT BELOW PROPOSED JUNCTION BOX
- 2 ELECTRIC CABLE IN CONDUIT, 600V (XLP TYPE USE), 6-1/C NO. 8, 1/C NO. 8 GROUND
- 3 ELECTRIC CABLE IN CONDUIT, 600V (XLP TYPE USE), 4-1/C NO. 8, 1/C NO. 8 GROUND
- 4 ELECTRIC CABLE IN CONDUIT, 600V (XLP TYPE USE) 3-1/C NO. 8
- 5 SUPPLY AND INSTALLATION OF DRIVER ENCLOSURES (2 TOTAL), CONNECTIONS TO GATEWAY MONUMENT SIGN, AND CONNECTIONS TO ILLUMILINE 36 IP OPTIC 30 RGB (18 TOTAL) SHALL BE INCIDENTAL TO JUNCTION BOX INSTALLATION.
- 6 RECONNECT EXISTING FLASHING BEACONS (2 TOTAL) TO NEW WIRING. THIS WORK SHALL BE INCLUDED IN THE COST OF ELECTRIC CABLE IN CONDUIT, 600V (EPR TYPE RHW) 3-1/C NO. 8. CIRCUIT A. 120V.



- LEGEND:**
- X LIGHTING UNIT COMPLETE (X=CIRCUIT DESIGNATION)
 - X ILLUMILINE 36 IP OPTIC 30 RGB (X=CIRCUIT DESIGNATION)
 - JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x12"x6"
 - JUNCTION BOX, 6"x6"x4"
 - E — CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL
 - ⊗ REMOVAL OF EXISTING LUMINAIRE, NO SALVAGE
 - EXISTING HANDHOLE
 - ⊗ EXISTING FLASHING BEACON
 - (X) KEY NOTE
 - A — EXISTING AERIAL
 - DRIVER

LOAD TABLE		
CIRCUIT	RED PHASE LOAD (AMPS)	BLACK PHASE LOAD (AMPS)
A	5.4	0
B	0	4.4
C	1.3	1.3
TOTALS	6.7	5.7



FILE NAME = S:\JUL16788-6799\0784\012\Micro\CA001_Sheets\0163722-eh-rdgeland\enr-elect.dgn



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = brianf
DESIGNED - JDM
DRAWN - JKP
CHECKED - MTC
DATE - 05-07-2012

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RIDGELAND AVENUE ELECTRIC PLAN


SCALE: SHEET OF SHEETS STA. TO STA.

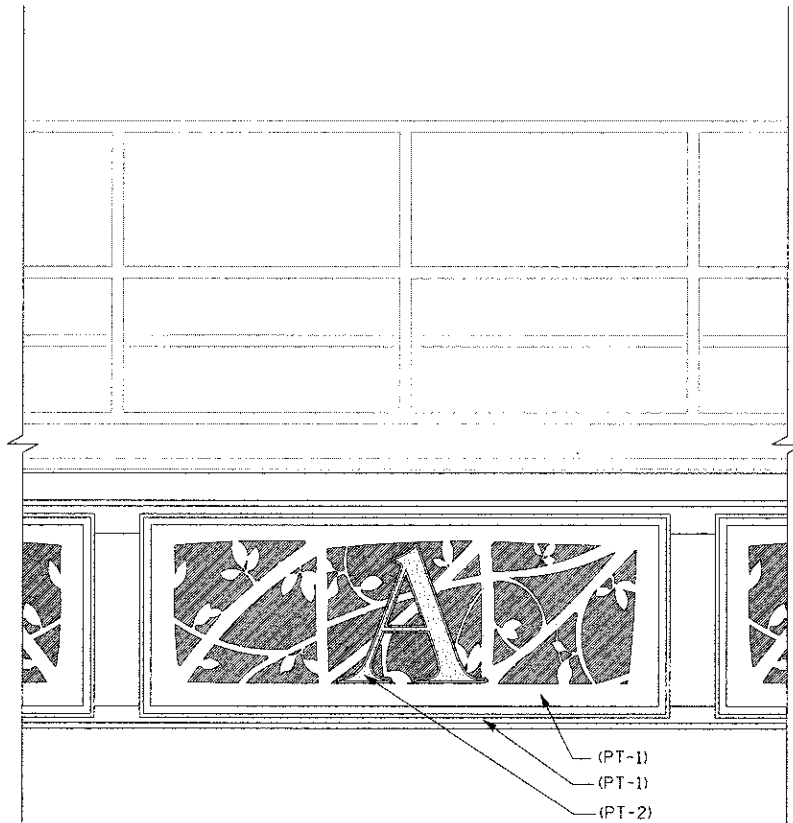
F.A.J. RTE. 2783	SECTION 11-00253-00-LS	COUNTY COOK	TOTAL SHEETS 24	SHEET NO. 12
CONTRACT NO. 63722				
ILLINOIS FED. AID PROJECT				

NOTES:

1. ALL DIMENSIONS INCLUDING BUT NOT LIMITED TO EXISTING FACIA STRUCTURE, BRACKET SPACING, AND RAILING SPACING TO BE FIELD VERIFIED BY CONTRACTOR.
2. EACH GATEWAY MONUMENT SIGN PANEL TO BE CENTERED BETWEEN THE BRACKETS OF THE EXISTING FACIA STRUCTURE.
3. SEE ELECTRICAL PLAN FOR LIGHTING AND ELECTRICAL MODIFICATIONS.
4. CLEANING AND PAINTING STRUCTURAL STEEL, AT THE LOCATION ENUMERATED SHALL INCLUDE BUT IS NOT LIMITED TO COLUMNS, PIER BENTS, BASE PLATES, BRACKETS, FASCIA BEAM, AND CONNECTIONS. THE BEAMS COMPRISING THE MAIN SUPERSTRUCTURE SHALL NOT BE PAINTED.

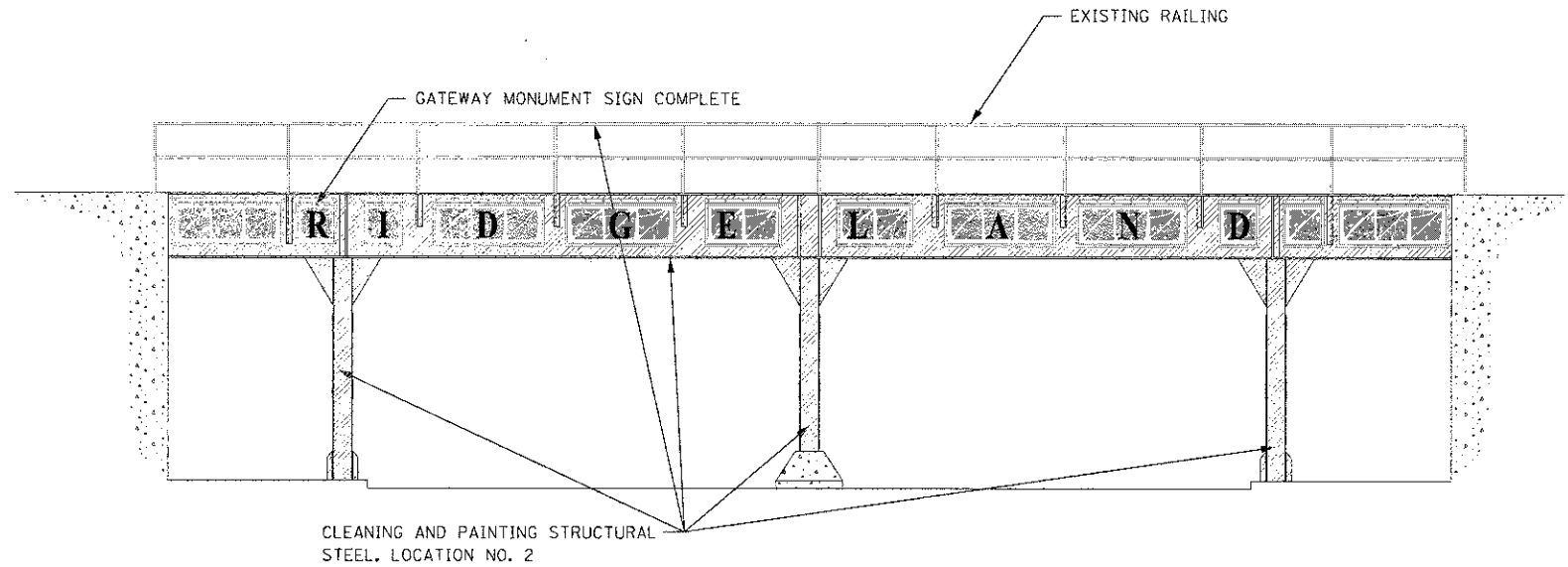
LEGEND:

 EXISTING SURFACE TO BE PAINTED



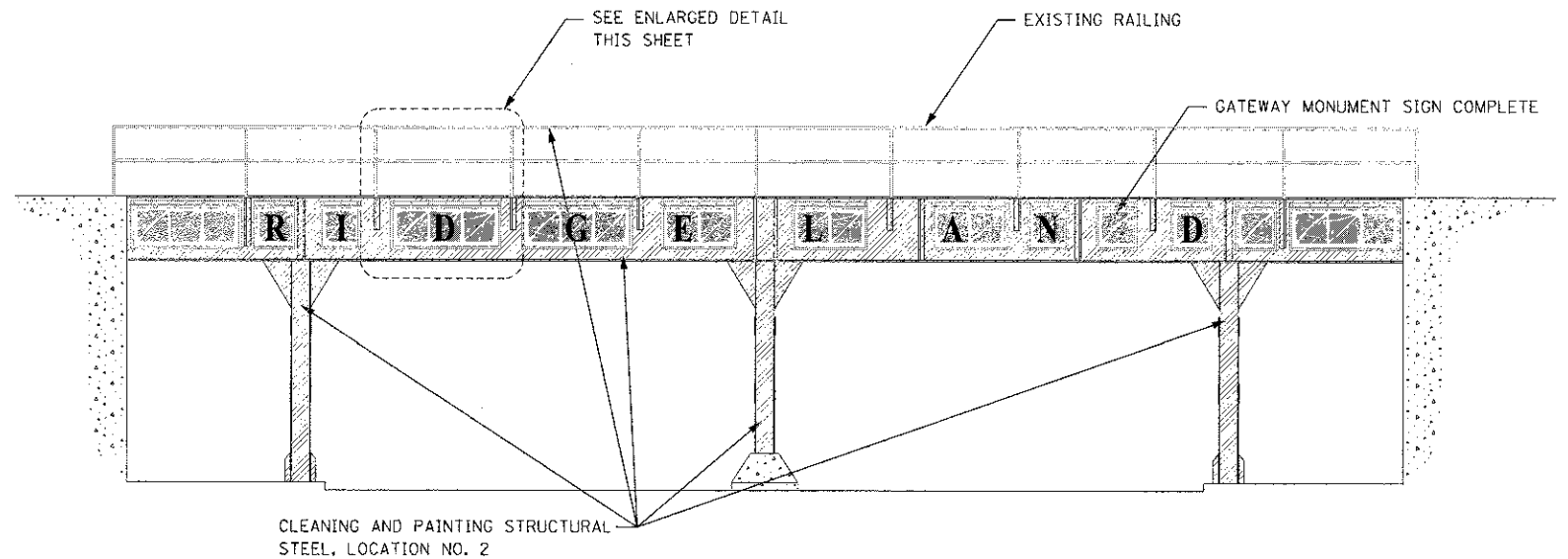
ENLARGED FASCIA DETAIL

NOT TO SCALE



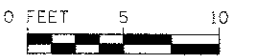
RIDGELAND VIADUCT NORTH ELEVATION

NOTE: ONE ILLUMILINE 36 IP OPTIC 30 RGB SHALL BE PROVIDED FOR EACH PANEL OF THE GATEWAY MONUMENT SIGN COMPLETE. THE FIXTURE, CONDUIT, ELECTRIC CABLE AND ANY OTHER MATERIALS NEEDED TO INSTALL EACH ILLUMILINE 36 IP OPTIC 30 RGB SHALL BE INCLUDED IN THE UNIT PRICE OF GATEWAY MONUMENT SIGN COMPLETE.



RIDGELAND VIADUCT SOUTH ELEVATION

NOTE: ONE ILLUMILINE 36 IP OPTIC 30 RGB SHALL BE PROVIDED FOR EACH PANEL OF THE GATEWAY MONUMENT SIGN COMPLETE. THE FIXTURE, CONDUIT, ELECTRIC CABLE AND ANY OTHER MATERIALS NEEDED TO INSTALL EACH ILLUMILINE 36 IP OPTIC 30 RGB SHALL BE INCLUDED IN THE UNIT PRICE OF GATEWAY MONUMENT SIGN COMPLETE.



FILE NAME = S:\JUL\1700-6799\6784\B12\Micro\ACADD_Sheets\16163722-1h.rvt.ridgeland-elev.dgn

SA
STRAND
ASSOCIATES

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = amanda.j
DESIGNED - JDM
DRAWN - JKP
CHECKED - MTC
DATE - 05-07-2012

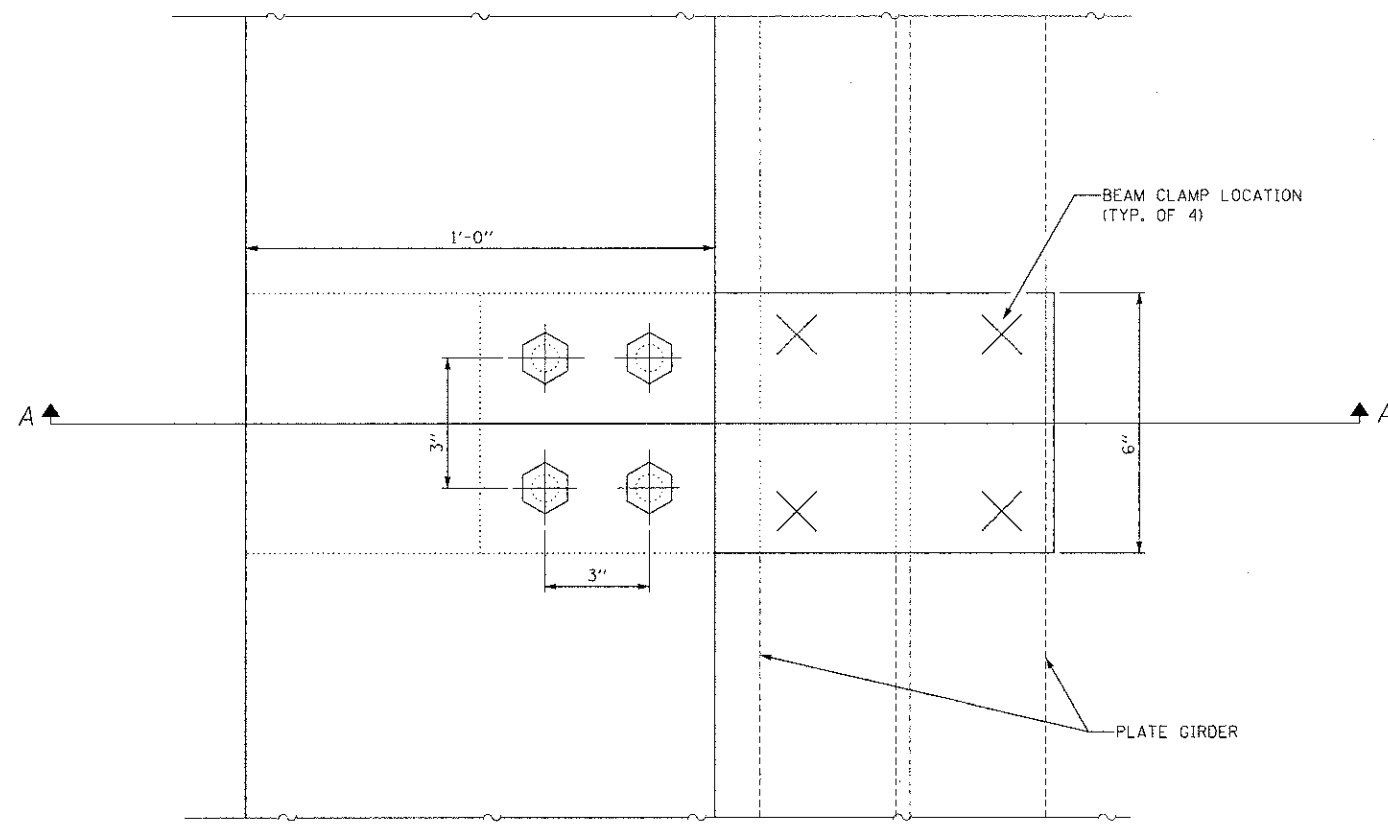
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

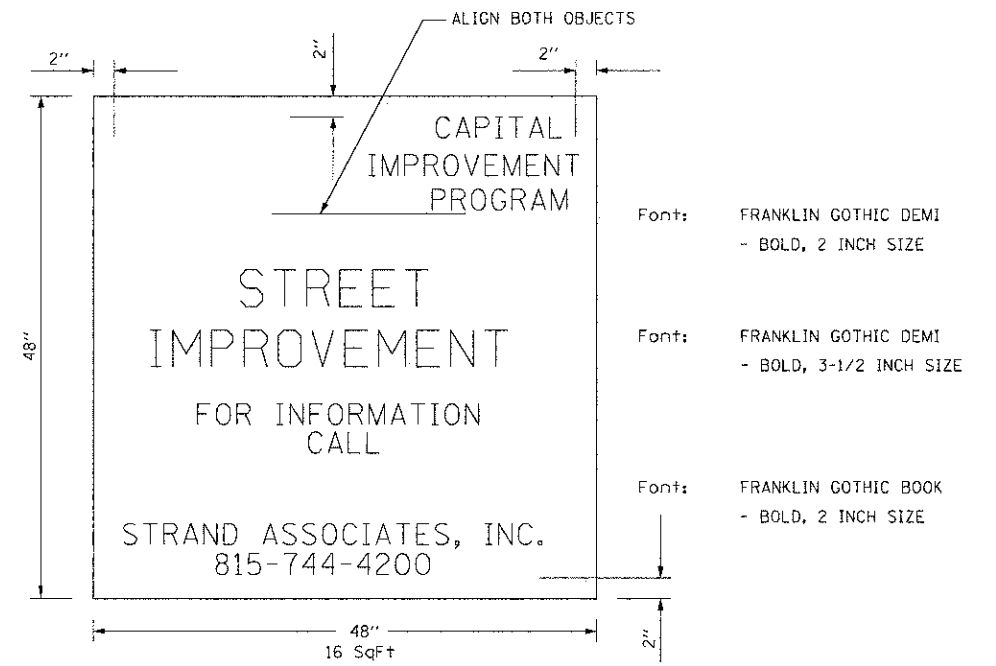
RIDGELAND AVENUE VIADUCT ELEVATIONS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	13
CONTRACT NO. 63722				
ILLINOIS FED. AID PROJECT				

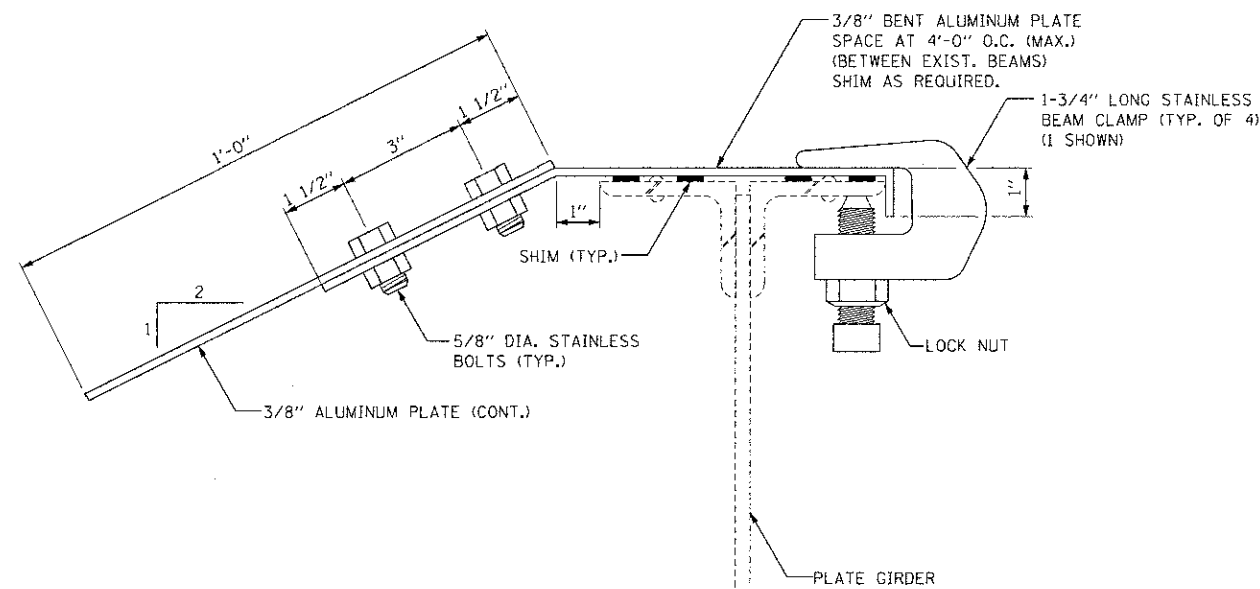
SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.



Background: WHITE
 All Lettering: GREY (PMS 346c) - Screened
 or 3m CONTROLTAK PLUS #180-41 - Vinyl
 Logo Symbol: GREEN (PMS 3525c) - Screened
 or 3m CONTROLTAK PLUS #180-56 - Vinyl

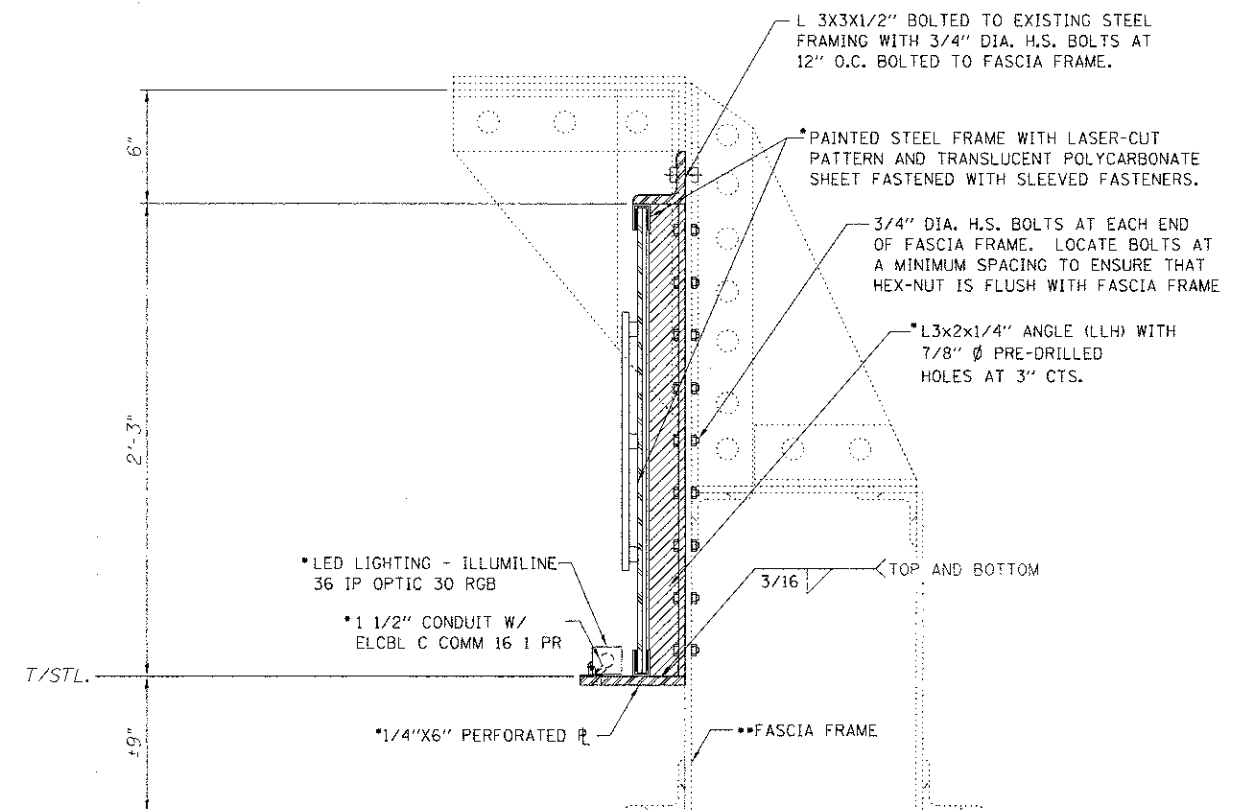


PROJECT SIGN DETAIL



PROTECTIVE SHIELD, SPECIAL DETAIL

APPLIES TO RIDGELAND AVENUE ONLY



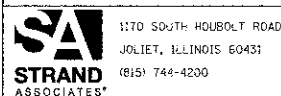
* DENOTES ALL WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR GATEWAY MONUMENT SIGN COMPLETE AND WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

** EXISTING FASCIA FRAME WAS OBSERVED TO BE DAMAGED. CONTRACTOR MAY LOCATE BOLTS ALONG LENGTH OF THE ANGLE TO ENSURE THAT HEX-NUTS ARE FLUSH WITH THE FASCIA FRAME. MINIMUM SPACING OF BOLTS IS 3".

GATEWAY MONUMENT SIGN COMPLETE DETAIL

APPLIES TO RIDGELAND AVENUE ONLY

FILE NAME = S:\JULIA\6790-6799\6785\BID\Microe\CADD_Sheet\0163722-shield-gateway.dwg



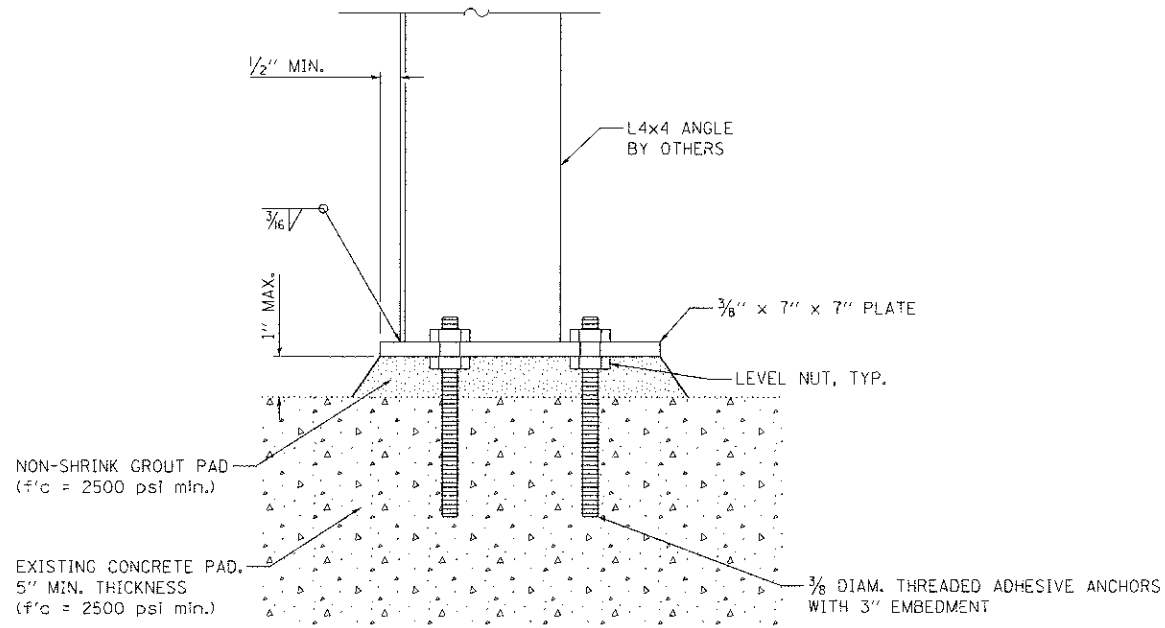
USER NAME = amanda.j	DESIGNED - JDM	REVISED -
PLOT SCALE = 0.2058" = 1'-0"	DRAWN - JKP	REVISED -
PLOT DATE = 5/30/2012	CHECKED - MTC	REVISED -
	DATE - 05-07-2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RIDGELAND AVENUE GATEWAY DETAILS

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

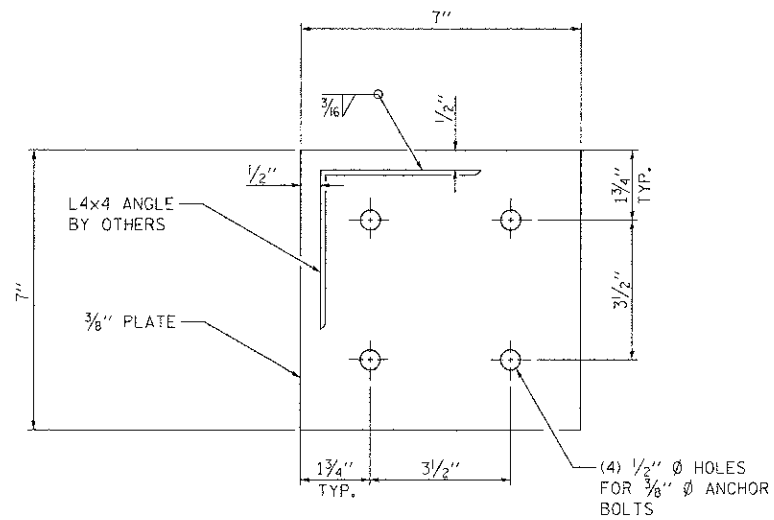
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	14
CONTRACT NO. 63722				
ILLINOIS FED. AID PROJECT				



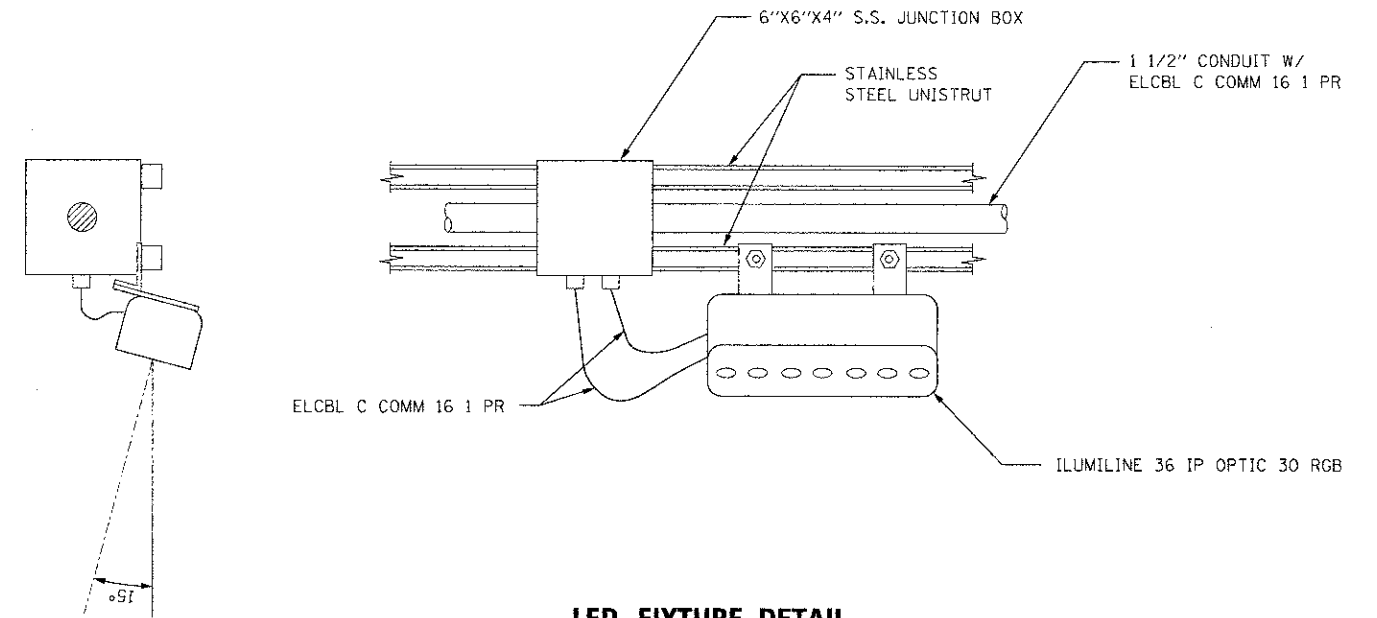
BASE PLATE DETAIL

DESIGN LOADING:

P = ±764 LBS (MAX FACTORED VERTICAL NET LOADING DUE TO WIND)
 V_y = ±870 LBS (MAX FACTORED HORIZONTAL NET LOADING PERPENDICULAR TO LONG. DIRECTION OF THE SIDEWALK DUE TO WIND)
 V_x = ±250 LBS (MAX FACTORED HORIZONTAL NET LOADING PARALLEL TO LONG. DIRECTION OF THE SIDEWALK DUE TO WIND)



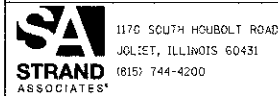
BASE PLATE DETAIL



LED FIXTURE DETAIL

APPLIES ONLY TO RIDGELAND AVENUE VIADUCT

FILE NAME = S:\JDL\6700-6799\6794\02\Micro\CAD\00 Sheets\063722_sht-elect-06.dgn



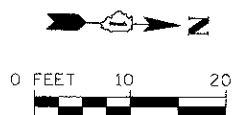
USER NAME = amanda.j	DESIGNED - JDM	REVISED -
PLT SCALE = 10.0000 / 1.00	DRAWN - JKP	REVISED -
PLT DATE = 5/30/2012	CHECKED - MTC	REVISED -
	DATE - 05-07-2012	REVISED -

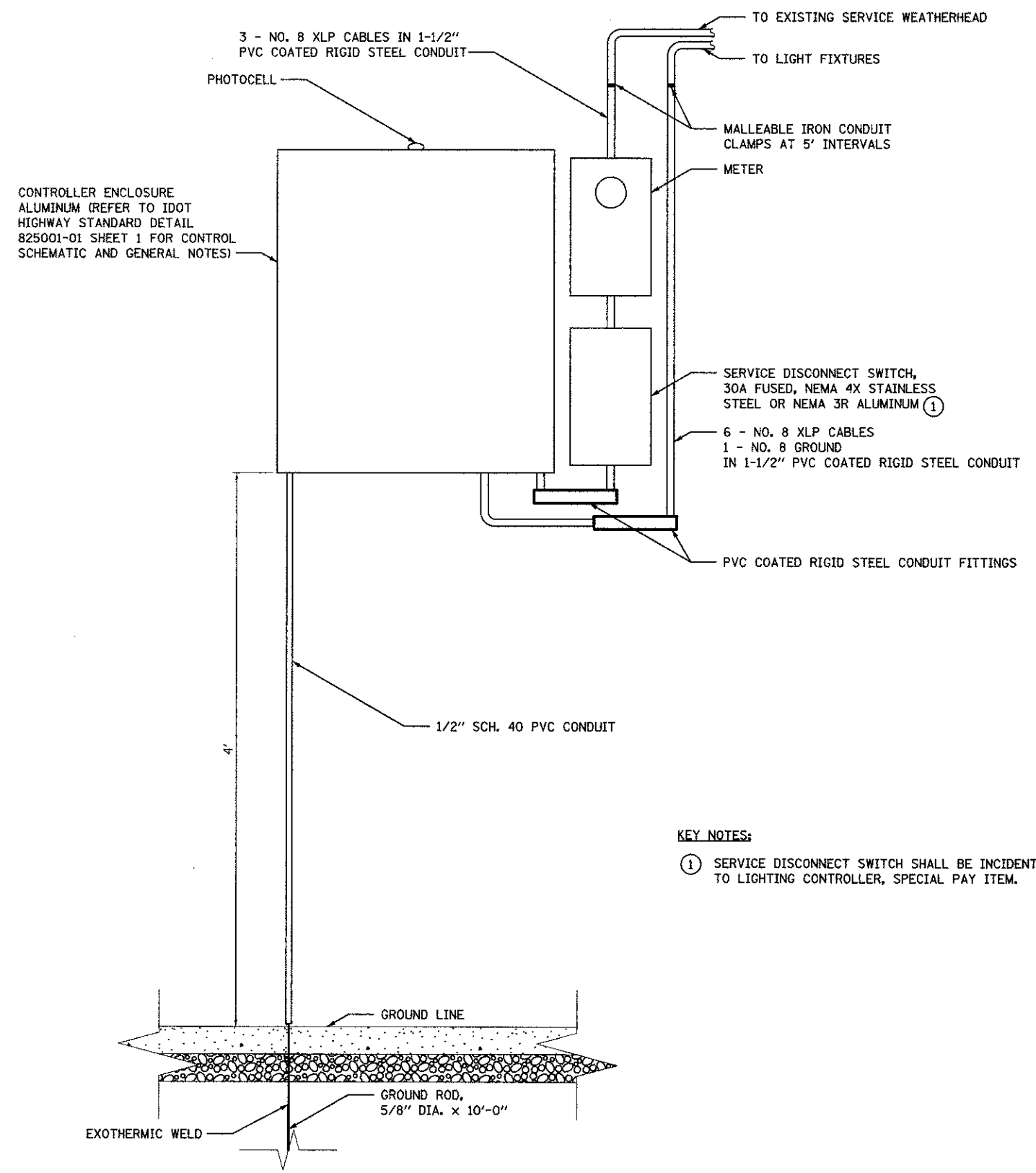
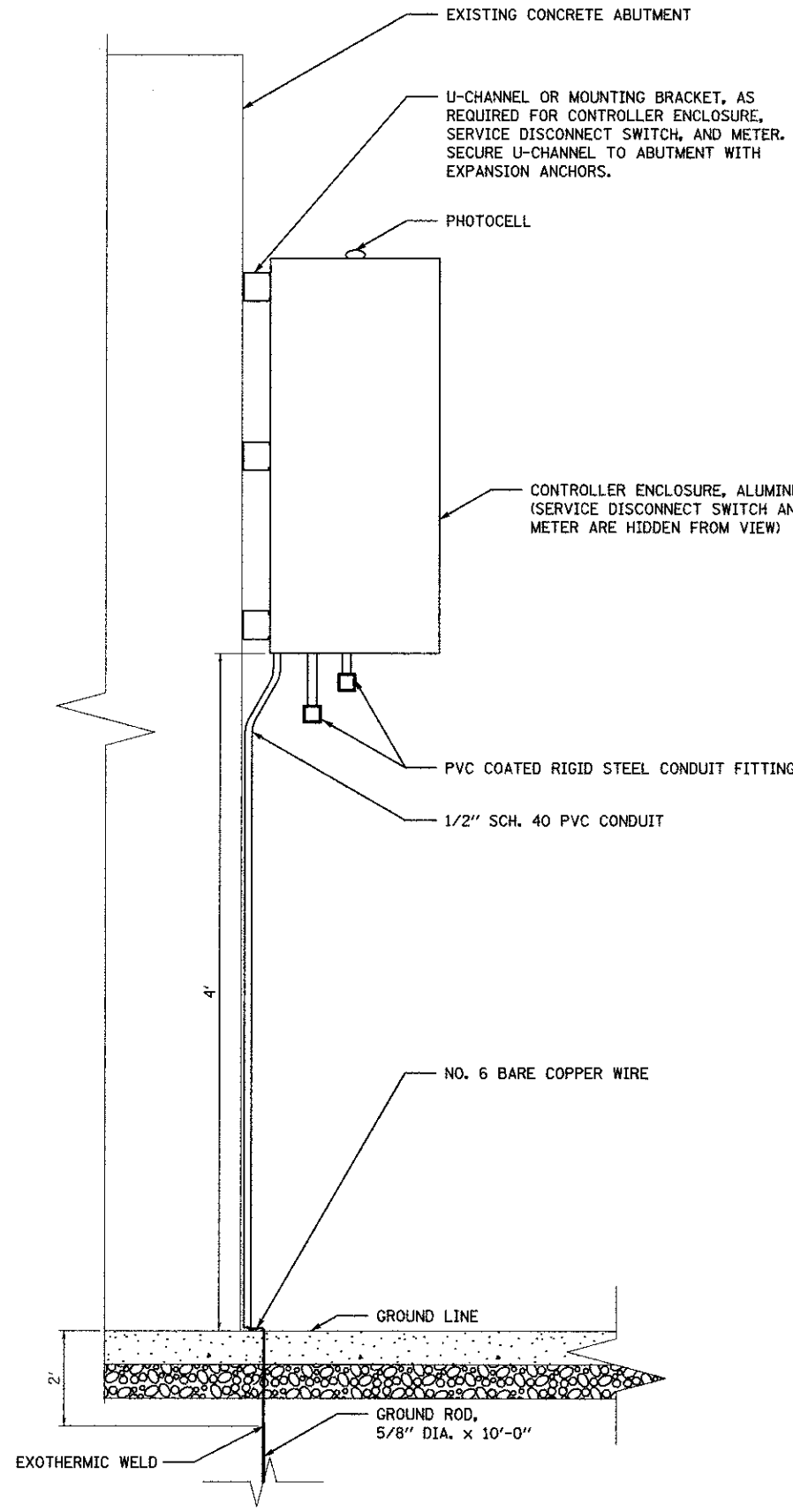
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2783	SECTION 11-00253-00-LS	COUNTY COOK	TOTAL SHEETS 24	SHEET NO. 15
CONTRACT NO. 63722				ILLINOIS FED. AID PROJECT





- KEY NOTES:
- ① SERVICE DISCONNECT SWITCH SHALL BE INCIDENTAL TO LIGHTING CONTROLLER, SPECIAL PAY ITEM.

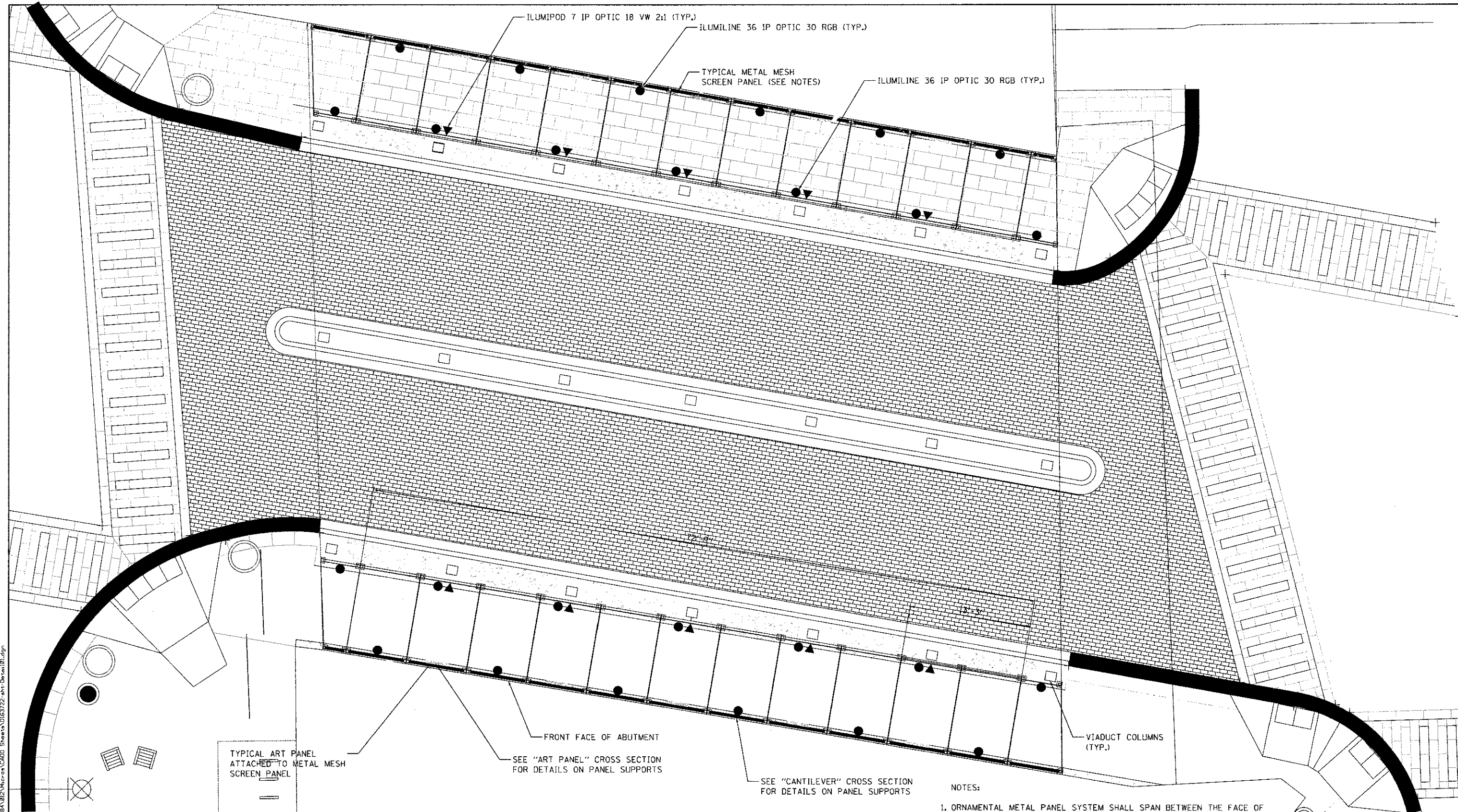
SIDE VIEW

FRONT VIEW

ELECTRIC SERVICE INSTALLATION /LIGHTING CONTROLLER, SPECIAL DETAIL
APPLIES ONLY TO RIDGELAND AVENUE VIADUCT

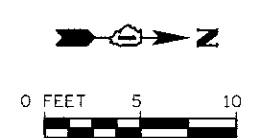
FILE NAME = S:\JOLIET\62709-6799\63784\02\2\MicroStation\CADD_Sheets\0183722-dt-1-1-12.dgn

 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = brianf	DESIGNED - JDM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS SCALE: SHEET OF SHEETS STA. TO STA.	F.A.I. RTE. = 2783	SECTION = 11-00253-00-LS	COUNTY = COOK	TOTAL SHEETS = 24	SHEET NO. = 16
	PLT SCALE = 10.0000' / IN.	CHECKED - MTC	REVISED -			CONTRACT NO. 63722				
	PLT DATE = 6/28/2012	DATE = 05-07-2012	REVISED -			ILLINOIS FED. AID PROJECT				



MARION STREET: VIADUCT METAL PANEL SCREENS

- NOTES:
1. ORNAMENTAL METAL PANEL SYSTEM SHALL SPAN BETWEEN THE FACE OF EXISTING VIADUCT SUPPORT COLUMNS, VIADUCT CEILING AND FRONT FACE OF ABUTMENT.
 2. ALL DIMENSIONS & LOCATIONS TO BE FIELD VERIFIED BY ENGINEER AND FABRICATOR.
 3. METAL MESH SCREEN PANEL PAID FOR AS ORNAMENTAL METAL PANEL.



FILE NAME = S:\JUL16780-6799\6781\B2\Micro\CA000_Sheets\0163722-ah-Data\01.dgn

SA
STRAND
ASSOCIATES*

1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

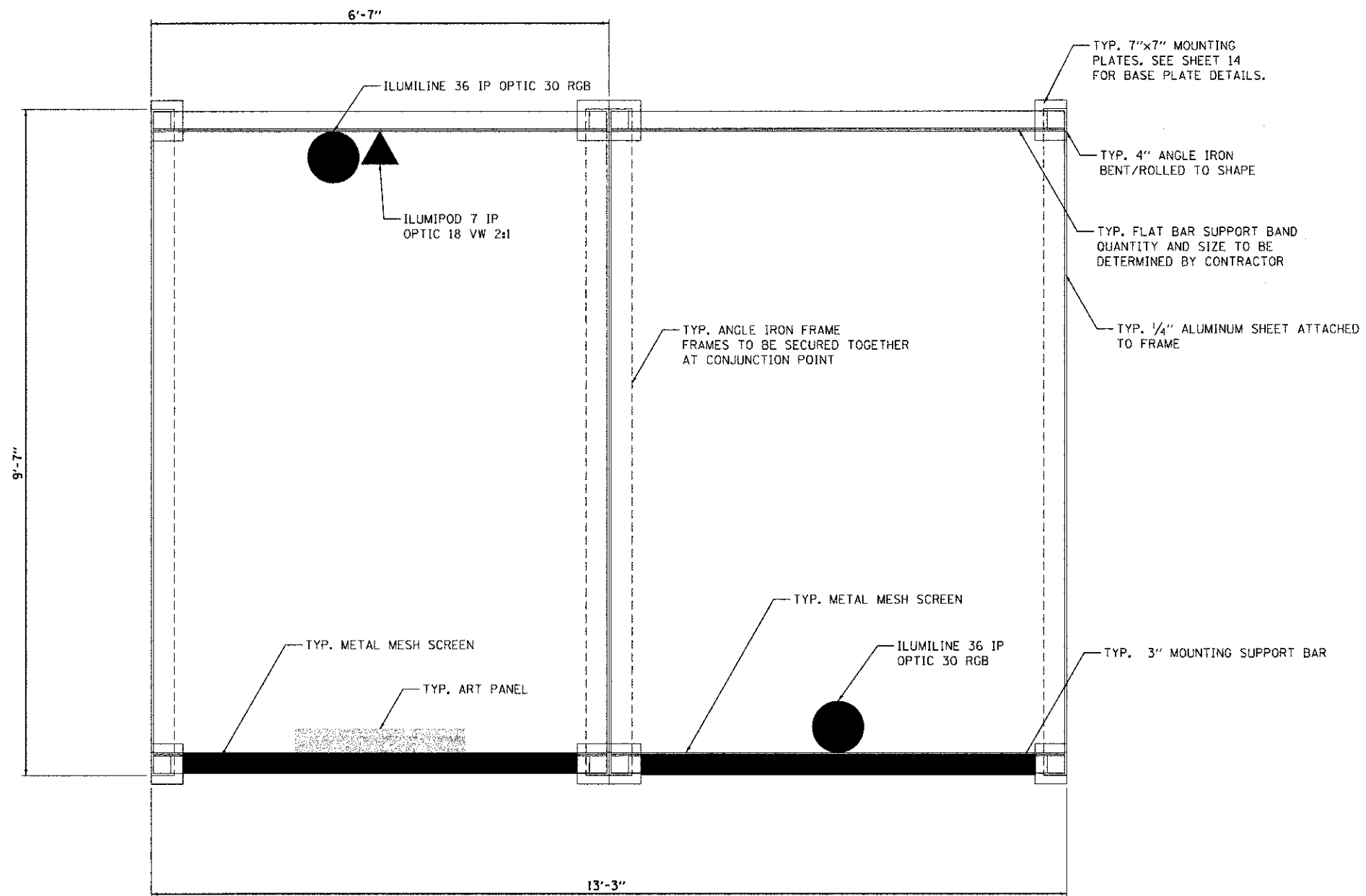
USER NAME = emanda.j	DESIGNED - JDM	REVISED -
PLOT SCALE = 5.0000" = 1'-0"	DRAWN - JKP	REVISED -
PLOT DATE = 6/5/2012	CHECKED - MTC	REVISED -
	DATE - 05-07-2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ORNAMENTAL METAL PANELS AND LED LIGHTING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.J. RTE. 2783	SECTION 11-00253-00-LS	COUNTY COOK	TOTAL SHEETS 24	SHEET NO. 17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63722	



PLAN

NOTES:

1. ALL DIMENSIONS & LOCATIONS TO BE FIELD VERIFIED BY CONTRACTOR.
2. ALL DIMENSIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ORDERING MATERIALS.
3. METAL MESH SCREEN PANEL AND PIGEON NETTING PAID FOR AS ORNAMENTAL METAL PANEL.

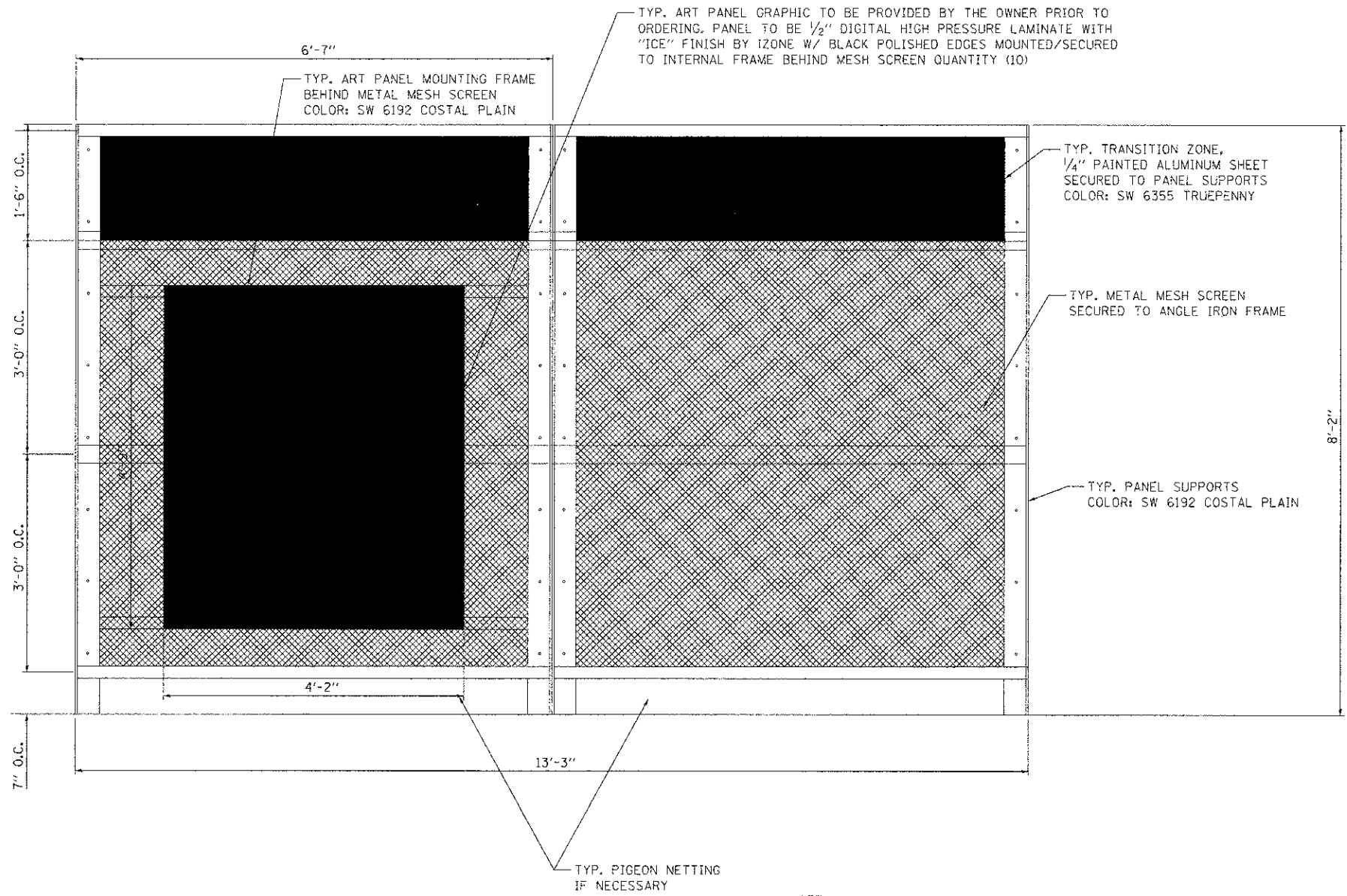


FILE NAME = S:\JULI_167709-6799\6799A\12\Micro\0600_Sheets\0163722-akt-Details\02.dgn

USER NAME = emandoj	DESIGNED - JDM	REVISED -
PLOT SCALE = 1.0000' / 1"	DRAWN - JKP	REVISED -
PLOT DATE = 6/5/2012	CHECKED - MTC	REVISED -
	DATE - 05-07-2012	REVISED -

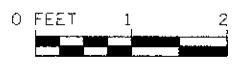
F.A.U. RTE. 2783	SECTION 11-00253-00-LS	COUNTY COOK	TOTAL SHEETS 24	SHEET NO. 18
CONTRACT NO. 63722			ILLINOIS FED. AID PROJECT	

FILE NAME : S:\JDI\17700-6799\678\B12\K:\cross\IADP1\Sheets\DI63722_sht-Detail03.dgn



ELEVATION

- NOTES:
1. ALL DIMENSIONS & LOCATIONS TO BE FIELD VERIFIED BY CONTRACTOR.
 2. ALL DIMENSIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ORDERING MATERIALS.
 3. METAL MESH SCREEN PANEL PAID FOR AS ORNAMENTAL METAL PANEL.



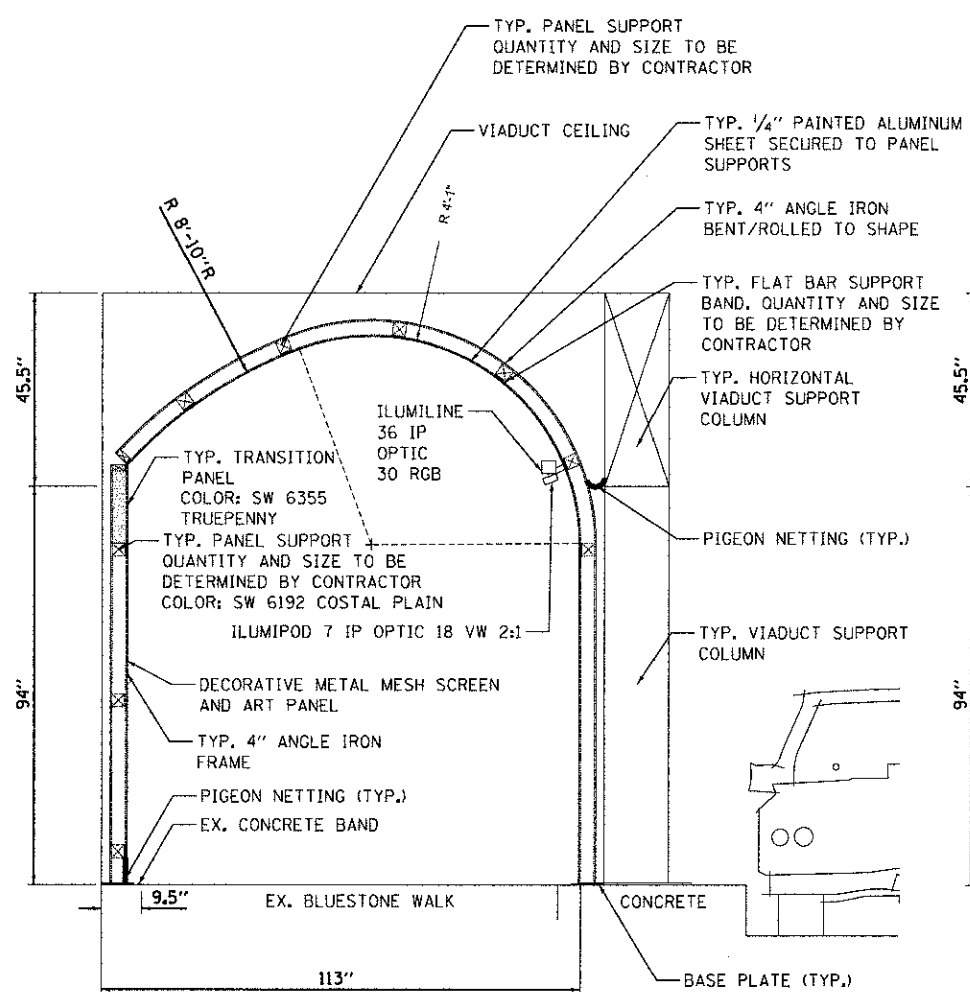
USER NAME = amanda_j	DESIGNED - JDM	REVISED -
PLOT SCALE = 1:10000 ' / 1" = 100'	DRAWN - JKP	REVISED -
PLOT DATE = 5/30/2012	CHECKED - MTC	REVISED -
	DATE - 05-07-2012	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

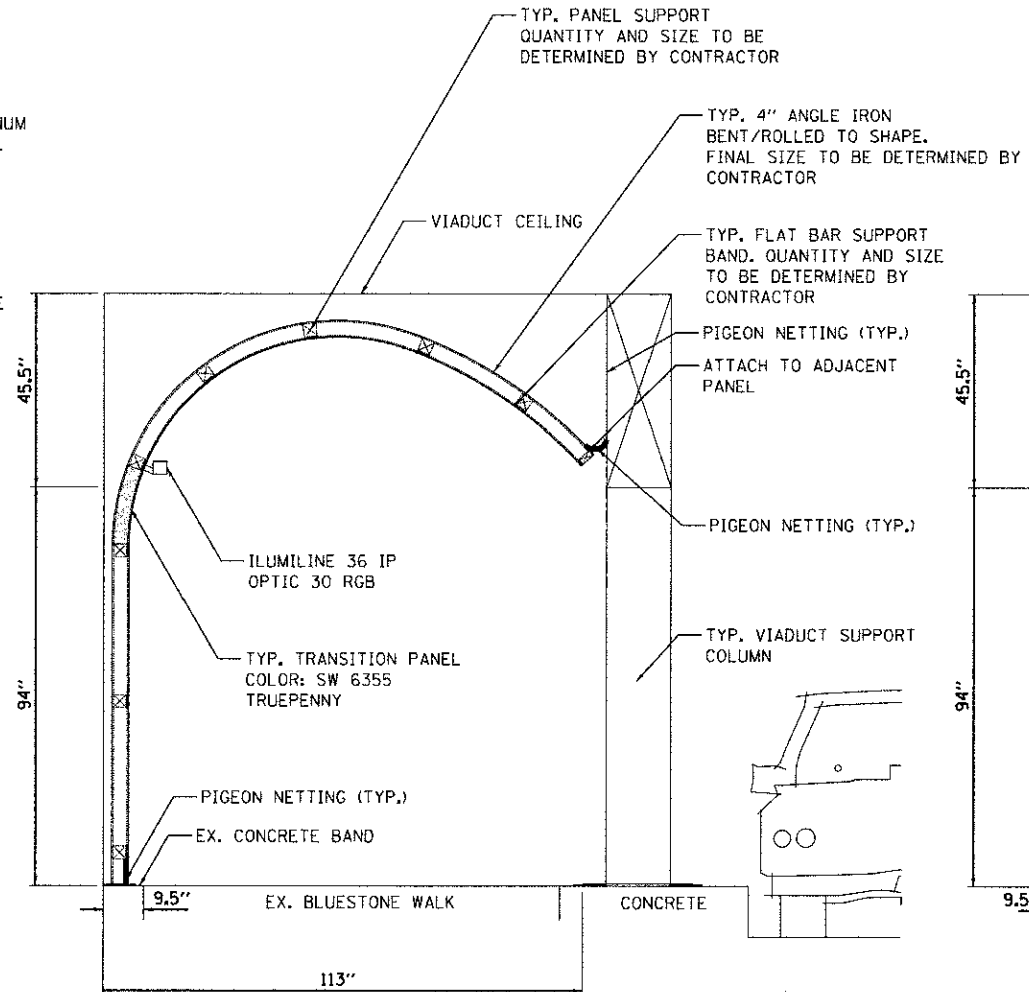
ORNAMENTAL METAL PANELS DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

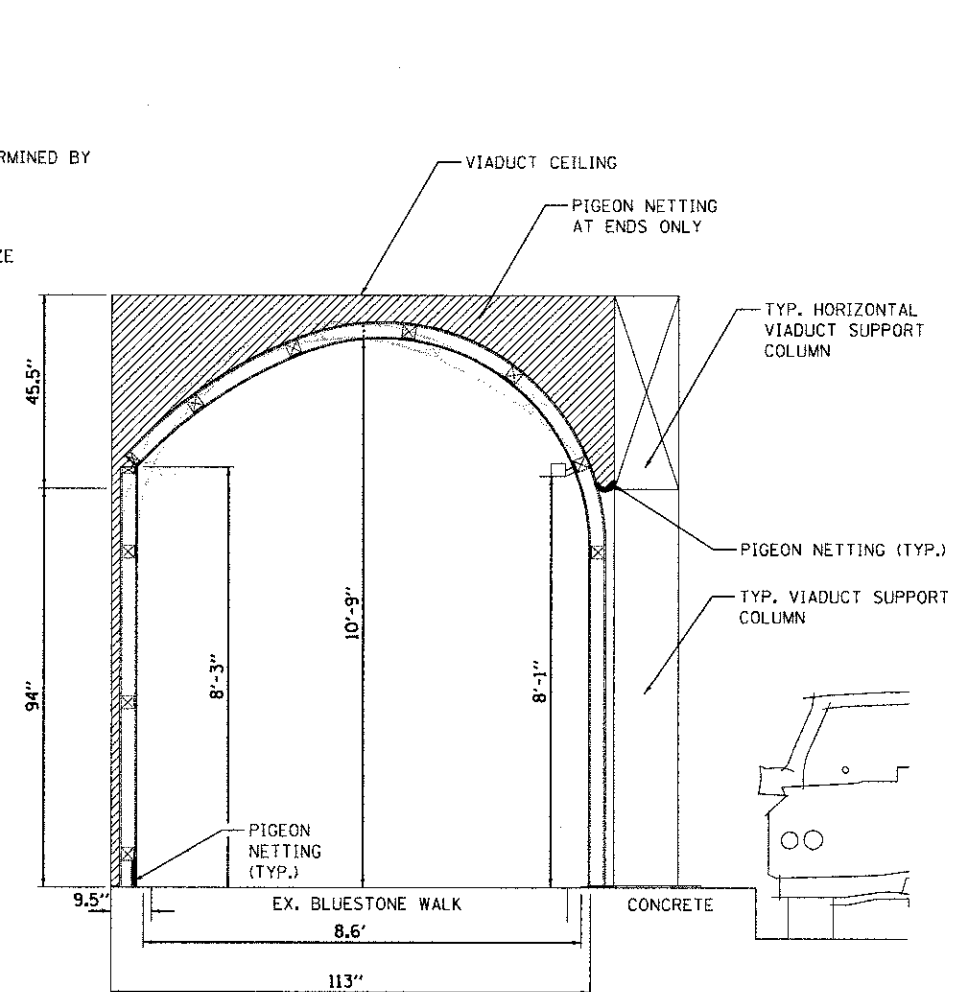
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	19
ILLINOIS FED. AID PROJECT				CONTRACT NO. 63722



"ART PANEL" SCREEN CROSS SECTION



"CANTILEVER" SCREEN CROSS SECTION

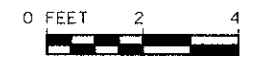


VIADUCT END CAP* CROSS SECTION

*END CAPS SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT INCLUDED IN THE UNIT PRICE FOR ORNAMENTAL METAL PANEL.

NOTES:

1. ALL DIMENSIONS & LOCATIONS TO BE FIELD VERIFIED BY CONTRACTOR.
2. ALL DIMENSIONS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ORDERING MATERIALS.
3. PIGEON NETTING SHALL BE INCLUDED IN THE COST OF ORNAMENTAL METAL PANELS.



FILE NAME = S:\JUL12\788-6799\078A\02\A\Interiors\CADD_Sheets\0163722-ahc-Detail09.dgn



USER NAME = amandaj	DESIGNED - JDM	REVISED -
DRAWN - JKP	CHECKED - MTC	DATE - 05-07-2012
PLOT SCALE = 2.0000' / 1"		
PLOT DATE = 6/5/2012		

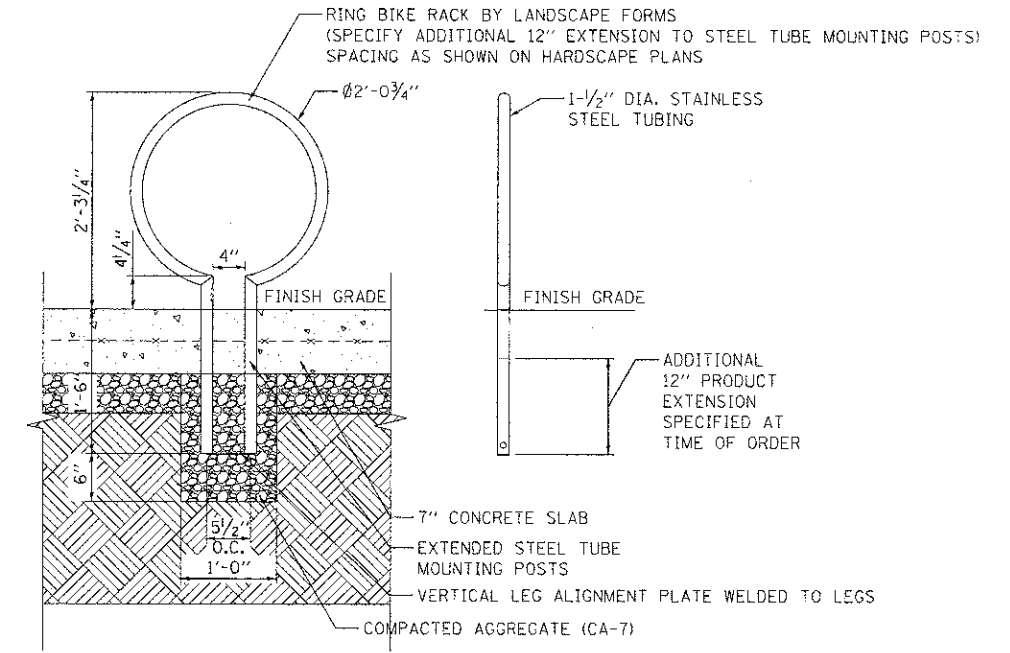
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ORNAMENTAL METAL PANELS DETAIL	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE. 2783	SECTION 11-00253-00-LS	COUNTY COOK	TOTAL SHEETS 24	SHEET NO. 20
CONTRACT NO. 63722				
ILLINOIS/FEQ. AID PROJECT				



**MARION STREET VIADUCT ARCHITECTURAL RENDERINGS OF ORNAMENTAL METAL PANELS
(FOR INFORMATION ONLY)**



BICYCLE RACK DETAIL



**MARION STREET VIADUCT ARCHITECTURAL RENDERINGS OF ORNAMENTAL METAL PANELS
(FOR INFORMATION ONLY)**

FILE NAME = S:\JDI\6780-679\6784\812\Microa\CADD Sheets\JDI63722-ah-Dis\05.dgn

SA
STRAND
 ASSOCIATES*
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = amandaj	DESIGNED - JDM	REVISED -
FLAT SCALE = 2.0000' / 1"	DRAWN - JKP	REVISED -
FLAT DATE = 5/30/2012	CHECKED - MTC	REVISED -
	DATE - 05-07-2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ORNAMENTAL METAL PANELS DETAIL	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	21
CONTRACT NO. 63722				
ILLINOIS FED. AID PROJECT				

1 2 3 4 5 6
SEC. A-A

- A1 - 1/4" Light Column
- A2 - 2" Hanging Lights
- A3 - 1/4" OUTLETS 7-11
- A4 - 1/4" OUTLETS 13-17
- A5 - 2" OUTLETS 19-23
- A6 - 2" MKG PAYBOX

- 1) HANGING LIGHTS
- 2) ST. LITE, FUTURE
- 3) OUTLETS 19-23
- 4) PARKING PAYBOX
- 5) SW ST. LIGHT AND FUTURE

10 CONDUITS:
SEA - 2"

- SEA - 1/4"
- 1) OUTLETS 1, 3, 5
- 2) OUTLETS 7, 9, 11
- 3) PLANTERS 13, 15, 17
- 4) LIGHT COLUMN
- 5) IRRIGATION SYSTEM

1 2 3 4 5 6
SEC. B-B

- B1 - 2" ST. LITE
- B2 - 2" VIADUCT LITE
- B3 - 1/4" ST. LITE
- B4 - 1/4" OUTLETS 2-6
- B5 - 2" OUTLETS 8-12
- B6 - 1/2" OUTLETS 14

RECORD DRAWINGS
Lyons / Pinner Electric Inc.
(708) 588-6800

Scott Pinner
PROJECT MANAGER

DATE: 1-20-12

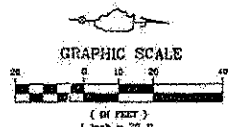
- 6 CONDUITS:
- SEA - 2"
- SEA - 1/4"
- SEA - 1/4"

1 2 3 4 5
SEC. C-C

- C1 - 2" ST. LIGHTING
- C2 - 2" OUTLETS 19-23
- C3 - 1/4" OUTLETS 13-17
- C4 - 1/4" OUTLETS 7-11
- C5 - 2" PARKING PAY BOX

NOTES:
ALL PLANTER HAVE SEE RECEPTACLES AND INGROUND JUNCTION BOXES
ALL TREE GRATES HAVE CAPPED CONDUIT PLUGS CONNECTED TO ADJACENT POLE OFF AND AN INGROUND JUNCTION BOX
ALL CONDUITS 2' FROM B/C

- LEGEND:**
- PROPOSED 26"-0" STREET LIGHT: STERNBERG 1914 LED FIXTURE WITH 16" DIA PEDESTRIAN GLOBE
 - STERNBERG 16" DIA GLOBE PEDESTRIAN LIGHT
 - STERNBERG 4-16" DIA & 1-20" DIA - GLOBE CLUSTER LIGHT
 - CUSTOM LIGHT COLUMN
 - ELECTRIC CAR CHARGING STATION
 - DUPLEX GFI-WEATHERPROOF RECEPTACLE IN LANDSCAPED AREA
 - DUPLEX GFI-WEATHERPROOF RECEPTACLE ON POLE
 - CONTROLLED VIA TIME CLOCK



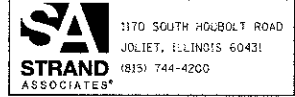
NO.	REVISION	DATE	BY	PROJECT	NO.	DATE	BY
1	PER MYND REVIEW COMMENTS	JAN 20 2011	JDM				
2	FINAL REVIEW COMMENTS	FEB 01 2011	JDM				



VILLAGE OF OAK PARK
Downtown Streetscape Improvement - Oak Park Avenue & Marion Street

TERRA ENGINEERING LTD.
225 W. OHIO STREET, 4TH FLOOR
CHICAGO, IL 60654
(312) 467-0123

FOR INFORMATION ONLY



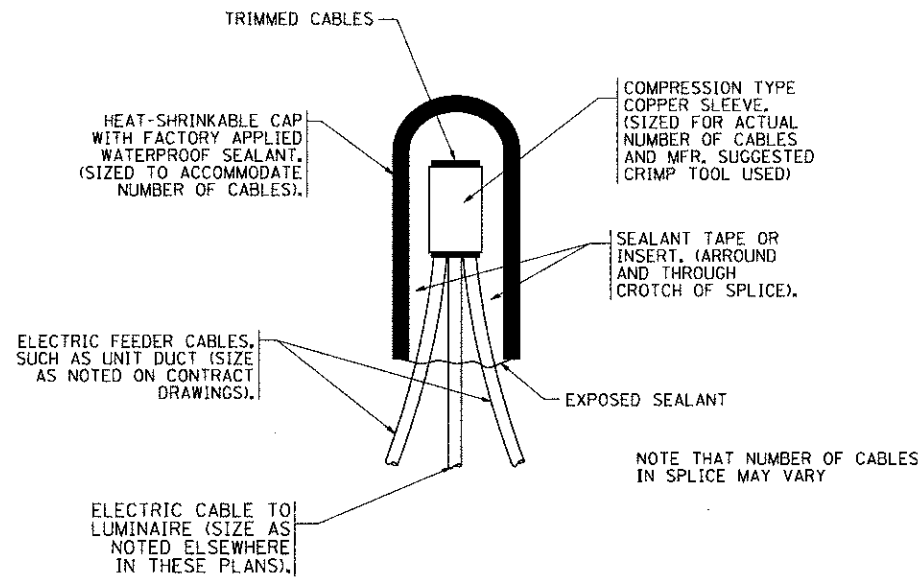
USER NAME: amandaj	DESIGNED: JDM	REVISED: -
DESIGNED: JDM	DRAWN: JKP	REVISED: -
CHECKED: MTC	CHECKED: MTC	REVISED: -
DATE: 05-07-2012	DATE: 05-07-2012	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MARION STREET ELECTRICAL PLAN
RECORD DRAWING

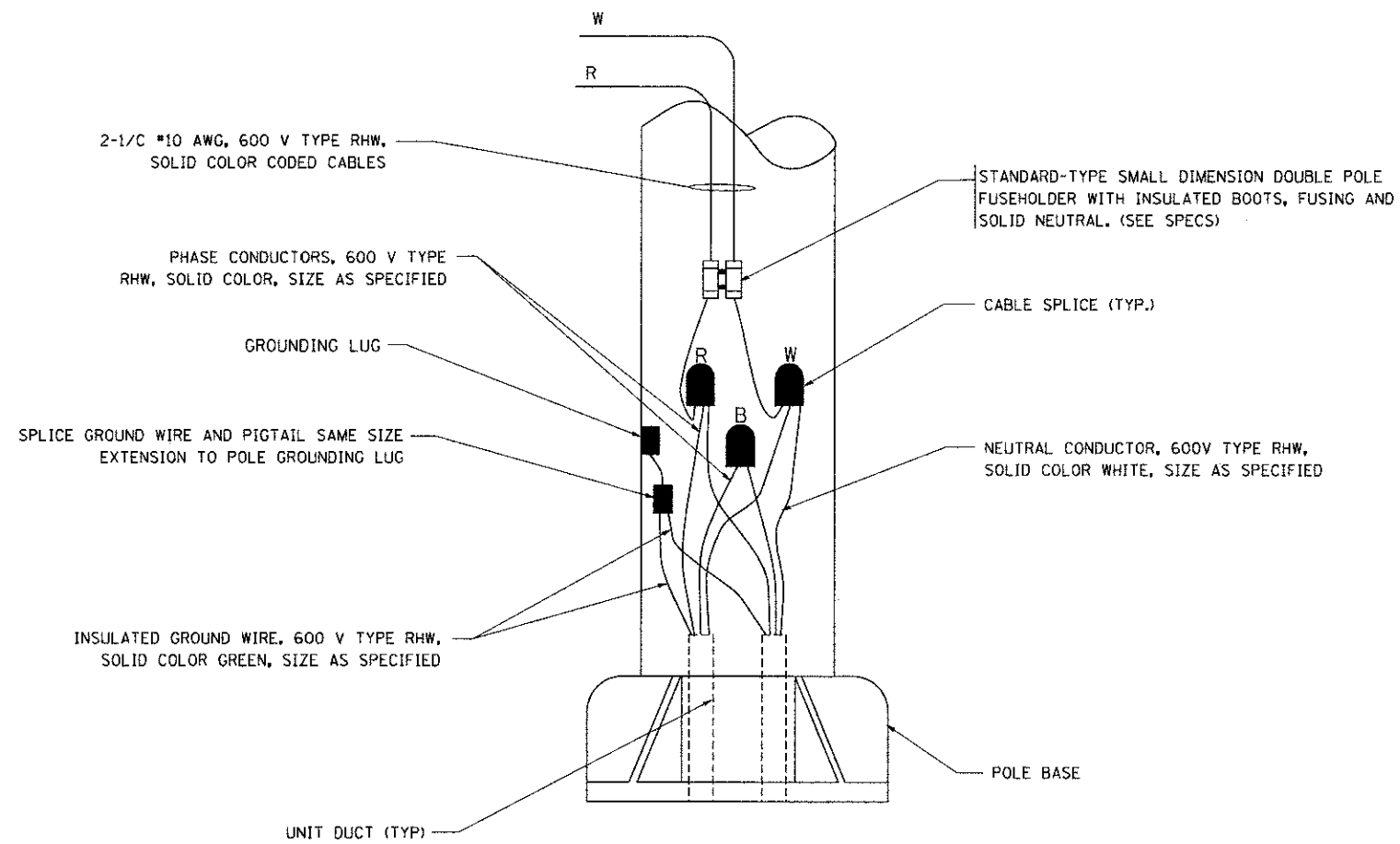
F.A.U. RTE. 2783	SECTION 11-00253-00-LS	COUNTY COOK	TOTAL SHEETS 24	SHEET NO. 22
CONTRACT NO. 63722			ILLINOIS FED. AID PROJECT	

SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.



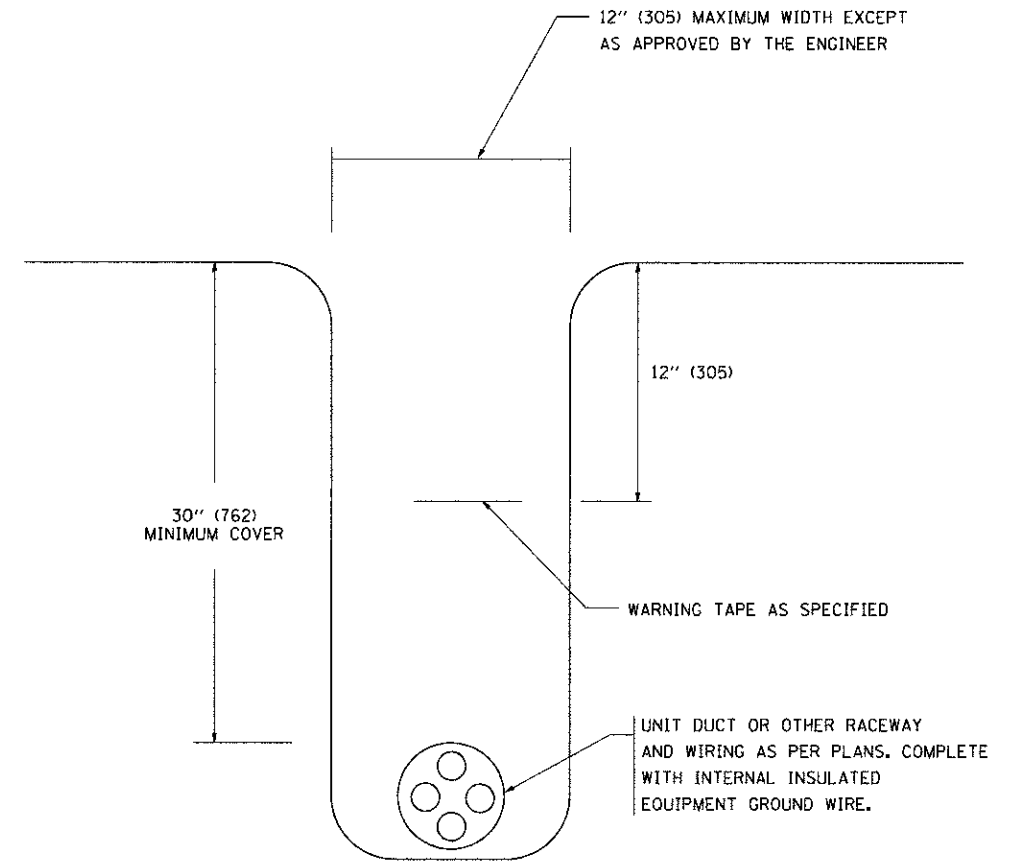
TYPICAL SPLICE DETAIL

N.T.S.



POLE WIRING DETAIL

N.T.S.



TYPICAL WIRING IN TRENCH DETAIL

N.T.S.

FILE NAME =
w:\diststd\22x34\be782.dgn

USER NAME = gaglienobt

DESIGNED -

REVISED - 08-08-03

PLOT SCALE = 50,000' / IN.

DRAWN -

REVISED -

PLOT DATE = 1/4/2008

CHECKED -

REVISED -

DATE -

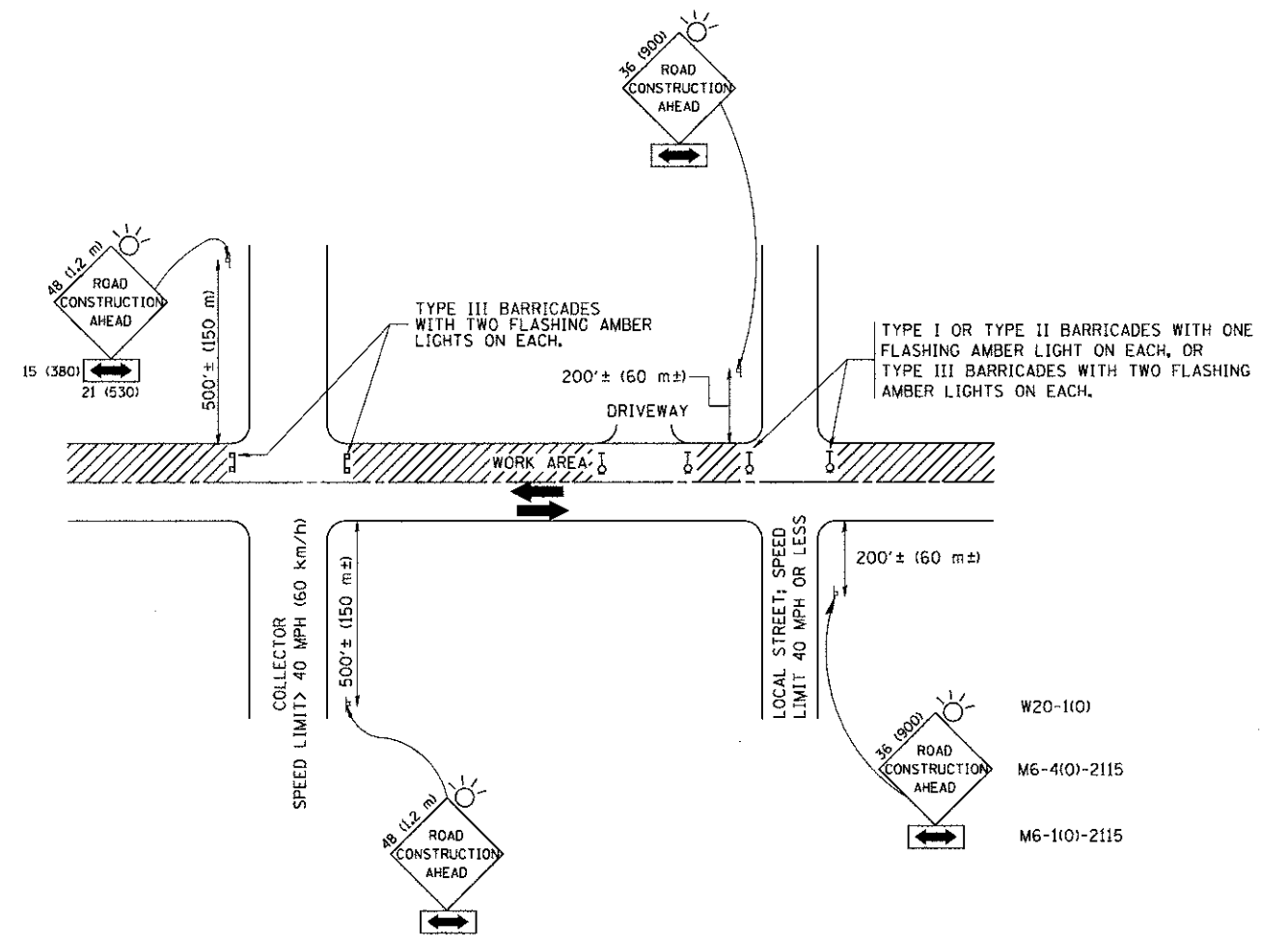
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISC. ELECTRICAL DETAILS
SHEET A

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	23
BE-702		CONTRACT NO. 63722		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (Inches) unless otherwise shown.

FILE NAME =	USER NAME = gaglienobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
W:\dsetstd\22x34\1c10.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2783	11-00253-00-LS	COOK	24	24
TC-10			CONTRACT NO. 63722	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				