11-21-14 LETTING ITEM 024

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

LOC. 1: FAI 290: WB RAMP US 20

OVER I-290

LOC. 2: FAP 344: IL 83 (KINGERY HWY) OVER SALT CREEK

SECTION 2014-056BP DUPAGE COUNTY BRIDGE PAINTING

C-91-020-15

CITY OF ELMHURST & THE VILLAGE OF VILLA PARK.

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS IMPROVEMENT IS LOCATED IN THE

US 20 2009 ADT = 16400 SPEED LIMIT = 40 MPH

)

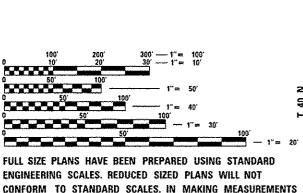
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I-290 2013 ADT = 120400 SPEED LIMIT = 55 MPH

IL 83 2013 ADT = 65500 SPEED LIMIT = 45 MPH



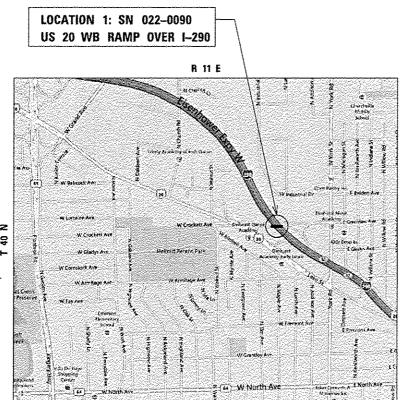
1-800-892-0123

ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

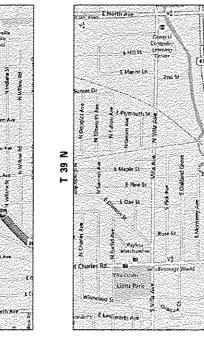
PROJECT ENGINEER: ALAIN MIDY PROJECT MANAGER: ISSAM RAYYAN

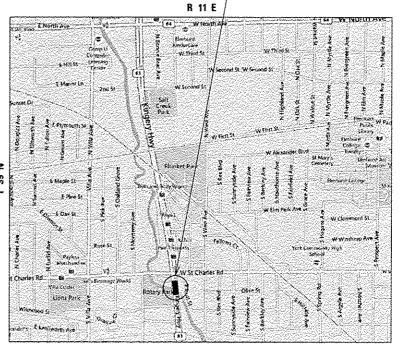
CONTRACT NO. 60Y76

(847) 221-3056 (847) 705-4178



ADDISON TOWNSHIP





LOCATION 2: SN 022-0045

IL 83 OVER SALT CREEK

YORK TOWNSHIP

2014-056BP DUPAGE DUPAGE 1 1 CONTRACT NO. 60Y76

D-91-020-15



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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5	SN 022-0090: FRAMING PLAN & STRUCTURAL STEEL DETAILS
6	SN 022-0090: STRUCTURAL STEEL DETAILS
7	SN 022-0045: PLAN & ELEVATION
8	SN 022-0045: FRAMING PLAN & DIAPHRAGM DETAILS
9	SN 022-0045: DIAPHRAGM & STRUCTURAL STEEL DETAILS
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	INTERSECTIONS, AND DRIVEWAYS (TC-10)
10	TRAFFIC CONTROL FOR SHOULDER CLOSURES AND
	PARTIAL RAMP CLOSURES (TC-17)
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LIST OF STATE STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
701101-04	OFF-RD OPERATIONS, MULTILANE, 15' TO 24' FROM PAVEMENT EDGE
701400-07	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-08	LANE CLOSURE, FREEWAY/EXPRESSWAY
701421-06	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY
	FOR SPEEDS 2 45 MPH TO 55 MPH
701428	TRAFFIC CONTROL SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701446-05	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701901-03	TRAFFIC CONTROL DEVICES

-TOP FLANGE TOP FLANCE SURFACE TO BE CLEANED AND PAINTED -EXTERIOR SURFACE --- EXTERIOR SURFACE ---- EXTERIOR SURFACE -BOTTOM FLANCE -BOTTOM FLANGE - ROTTOM ELANGE FIGURE 1 FIGURE 2 FIGURE 3 BEAMS 1D & 13 BEAMS 6 & 7 DIAPHRAGMS BETWEEN BEAMS 6 & 7 BEAM I (WEST FACE ONLY)

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF ELMHURST, AND THE VILLAGE OF VILLA PARK.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 FOR ARTERIALS AND (847) 705-4155 FOR EXPRESSWAYS A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE BRIDGE INSPECTORS,

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

THE "ARTERIAL ROAD INFORMATION SIGN (TC-22)" IS APPLICABLE ONLY TO ARTERIAL ROADS AND SHALL NOT BE APPLIED TO EXPRESSWAYS.

SPEED DISPLAY TRAILERS WILL ONLY BE APPLIED TO EXPRESSWAYS.

NO STAGED OR OVERNIGHT LANE CLOSURES WILL BE PERMITTED, ALL WORK SHALL BE PERFORMED USING TEMPORARY DAILY OR NIGHTLY LANE CLOSURES.

ALL EQUIPMENT PARKING AND STORAGE SHALL 8E IN ACCORDANCE WITH ARTICLE 701.11 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

GENERAL NOTES FOR PAINT

CLEANING AND PAINTING OF THE STRUCTURAL STEEL SHALL BE AS SPECIFIED IN THE SPECIAL PROVISIONS FOR "CLEANING AND PAINTING EXISTING STEEL STRUCTURES."

A MINIMUM OF ONE (1) AIR MONITORS WILL BE REQUIRED AT ALL LOCATIONS, TO MONITOR ABRASIVE BLASTING OPERATIONS. SEE SPECIAL PROVISIONS FOR "CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANINGRESIDUE."

ALL ITEMS (SUCH AS. BUT NOT LIMITED TO: CONDUITS, BRACKETS, AND DECK DRAINS) ATTACHED TO THE OUTSIDE OF THE FASCIA BEAMS SHOULD BE CLEANED AND PAINTED.

THE AREAS DESIGNATED SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SPIO. THE AREAS DESIGNATED SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1-0Z/E/U. THE COLOR OF THE FINAL FINISH COAT FOR ALL INTERIOR STEEL SURFACES SHALL BE GRAY, MUNSELL NO 58 7/1. THE COLOR OF THE FINAL FINISH COAT FOR THE EXTERIOR AND BOTTOM FLANCE OF THE FASCIA BEAMS SHALL BE REDDISH BROWN, MUNSELL NO 2.5YR 3/4.

LOCATION 1 (SN 022-0090):

ALL EXISTING STEEL SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10.

LOCATION 2 (SN 022-0045):

ALL BEAMS AND OTHER STRUCTURAL STEEL WITHIN FIVE FEET (5') (MEASURED ALONG THE BEAM/GIRDER) OF EITHER OF THE ABUTMENT FACES SHALL BE CLEANED PER NEARWHITE BLAST

THE EXTERIOR SURFACES AND TOP AND BOTTOM OF THE BOTTOM FLANCE OF THE FASCIA BEAMS (10 AND 13) AND THE WEST SURFACE, INCLUDING THE TOP AND BOTTOM OF THE BOTTOM FLANGE OF BEAM 1 (SEE FIGURE 1), SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10.

ALL SURFACES OF BEAMS 6 AND 7 (SEE FIGURE 2) SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10.

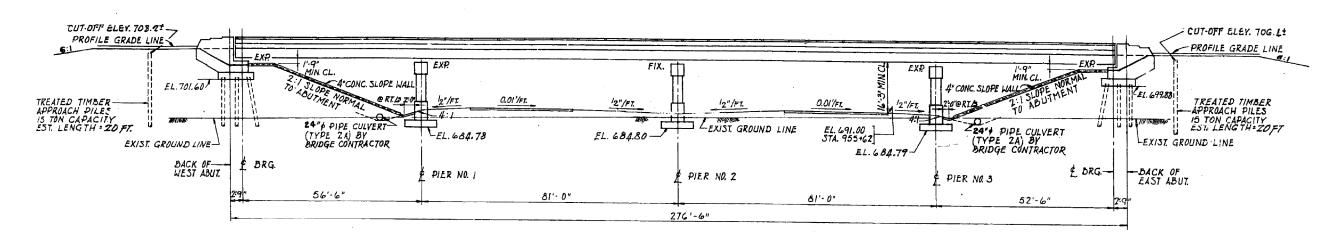
ALL SURFACES OF DIAPHRAGMS BETWEEN BEAMS 6 AND 7 (SEE FIGURE 3) SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SP10.

EXISTING STEEL AREAS NOTED ON THE PLANS FOR BEAM 1 (EAST FACE) AND BEAM 1A SHALL BE CLEANED PER NEAR WHITE BLAST CLEANING SSPC-SPIO.

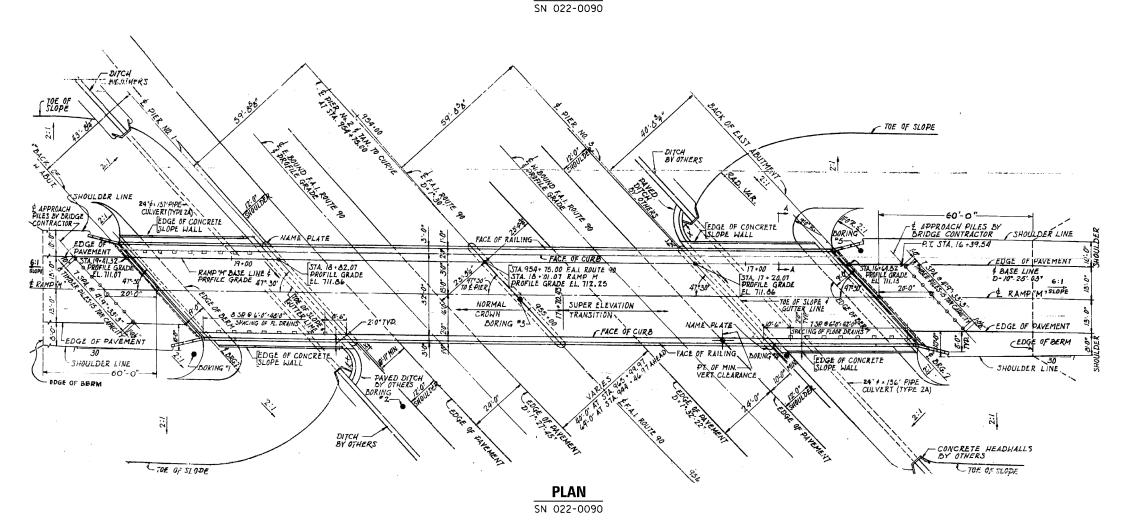
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URBAN CONSTRUCTION TYPE CODE STATE CONSTRUCTION TYPE CODE SUMMARY OF QUANTITIES SUMMARY OF QUANTITIES 022-0090 022-0045 LOC. 1 LOC. 2 TOTAL TOTAL CODE NO QUANTITIES ITEM UNIT CODE NO ITEM UNIT QUANTITIES 0014 0014 67000400 ENGINEER'S FIELD OFFICE. TYPE A CAL MO 3 3 67100100 MOBILIZATION L SUM 0.5 0.5 TRAFFIC CONTROL AND PROTECTION. 70100310 L SUM STANDARD 701421 NIGHTTIME WORK ZONE LIGHTING L SUM 0.5 0.5 X7010410 SPEED DISPLAY TRAILER CAL MO 2 2 TRAFFIC CONTROL AND PROTECTION X7011015 L SUM (EXPRESSWAYS) 1 CONTAINMENT AND DISPOSAL OF LEAD PAINT Z0007112 0.5 0.5 CLEANING RESIDUES Z0010501 CLEANING AND PAINTING STEEL BRIDGE NO. 1 L SUM 1 Z0010502 CLEANING AND PAINTING STEEL BRIDGE NO. 2 L SUM 1 1 Z0030850 TEMPORARY INFORMATION SIGNING SO FT 51.4 51.4 FILE NAME : DESIGNED -REVISED -STATE OF ILLINOIS DRAWN ~ REVISED -SUMMARY OF QUANTITIES CHECKED -PLOY SCALE . 100,0000 1/ 10. REVISED -**DEPARTMENT OF TRANSPORTATION** PLOT DATE . B/IL/2014 DATE REVISED -SHEET NO. 1 OF 1 SHEETS STA. TO STA.



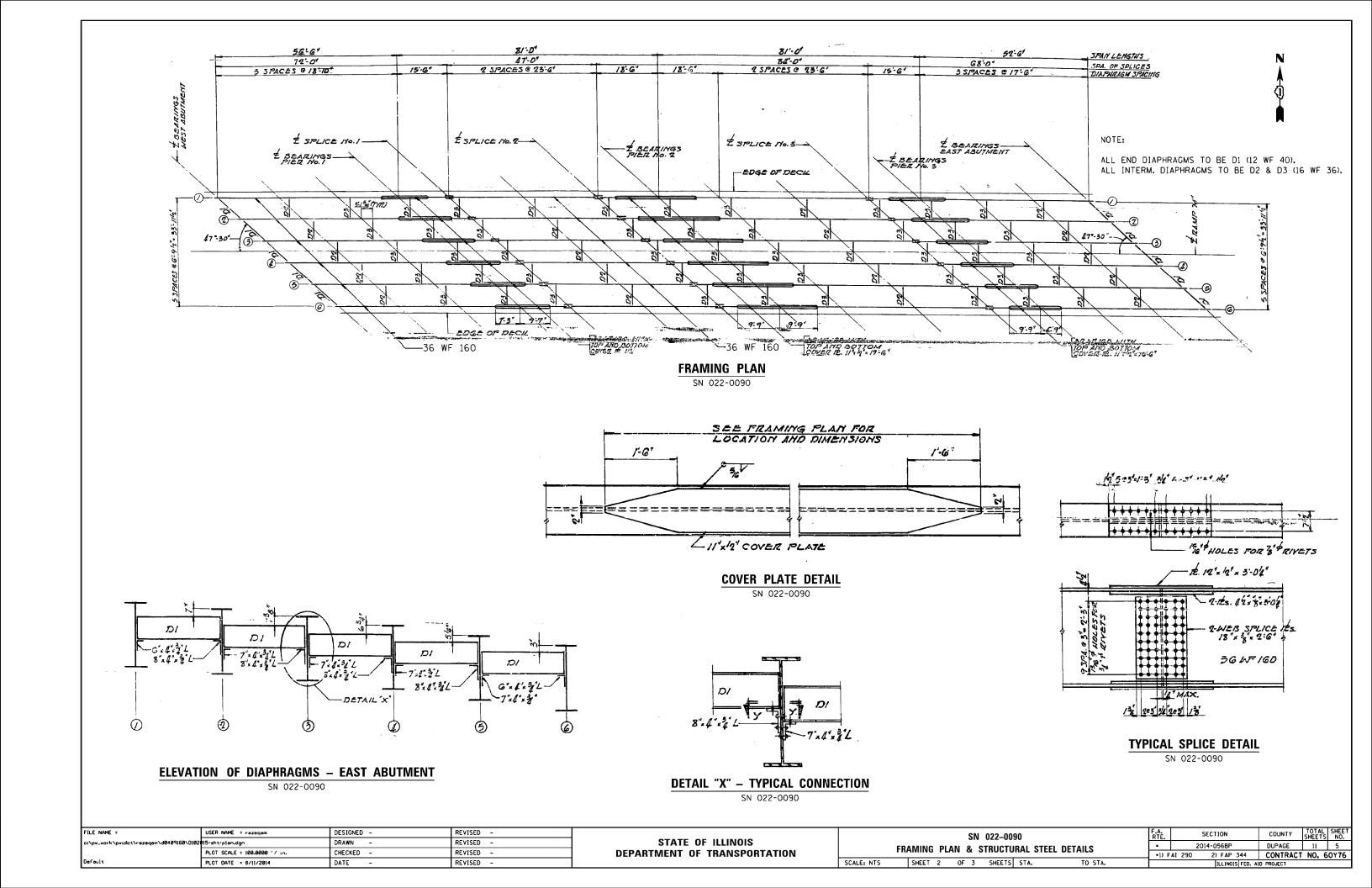


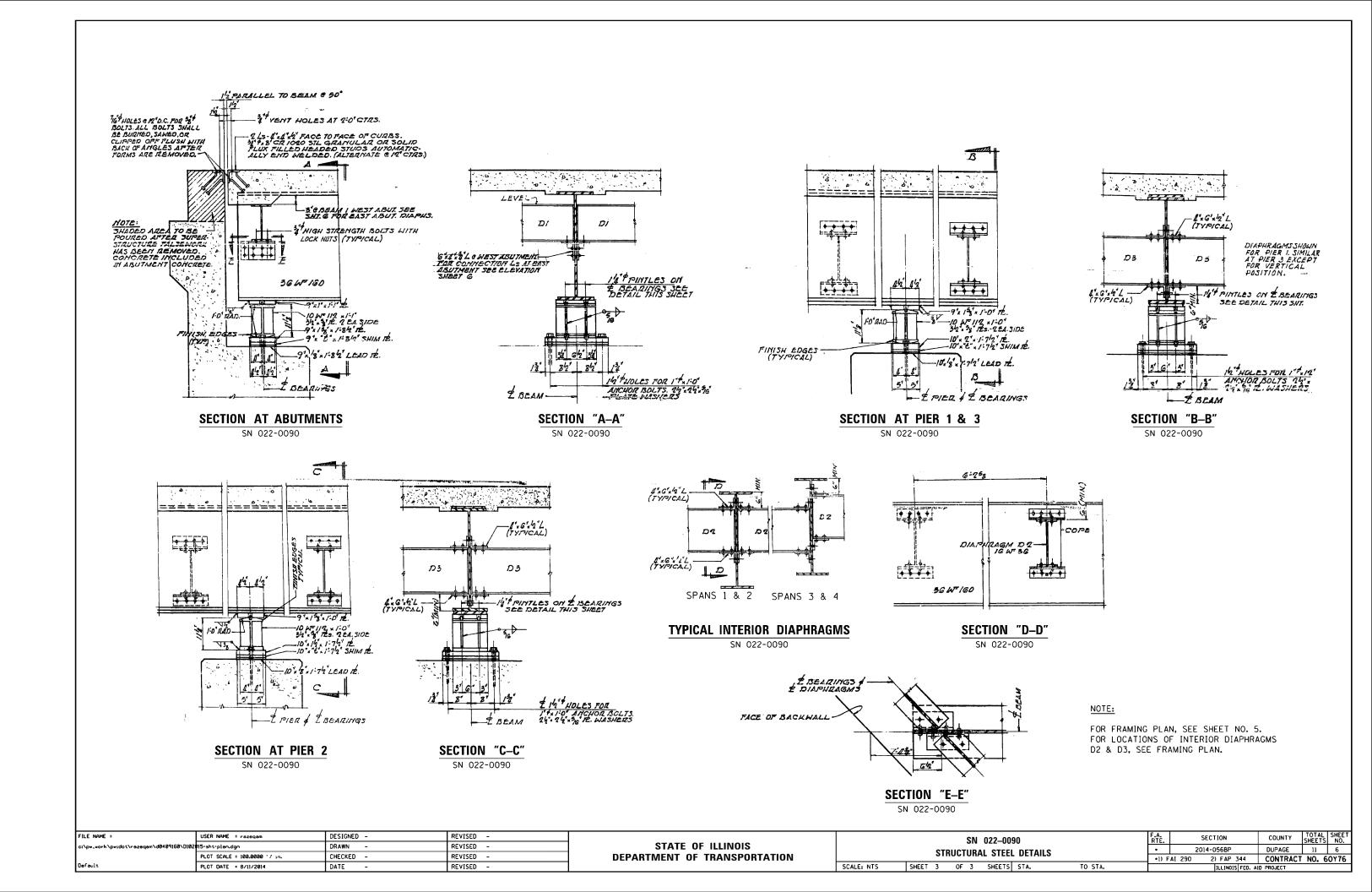
ELEVATION

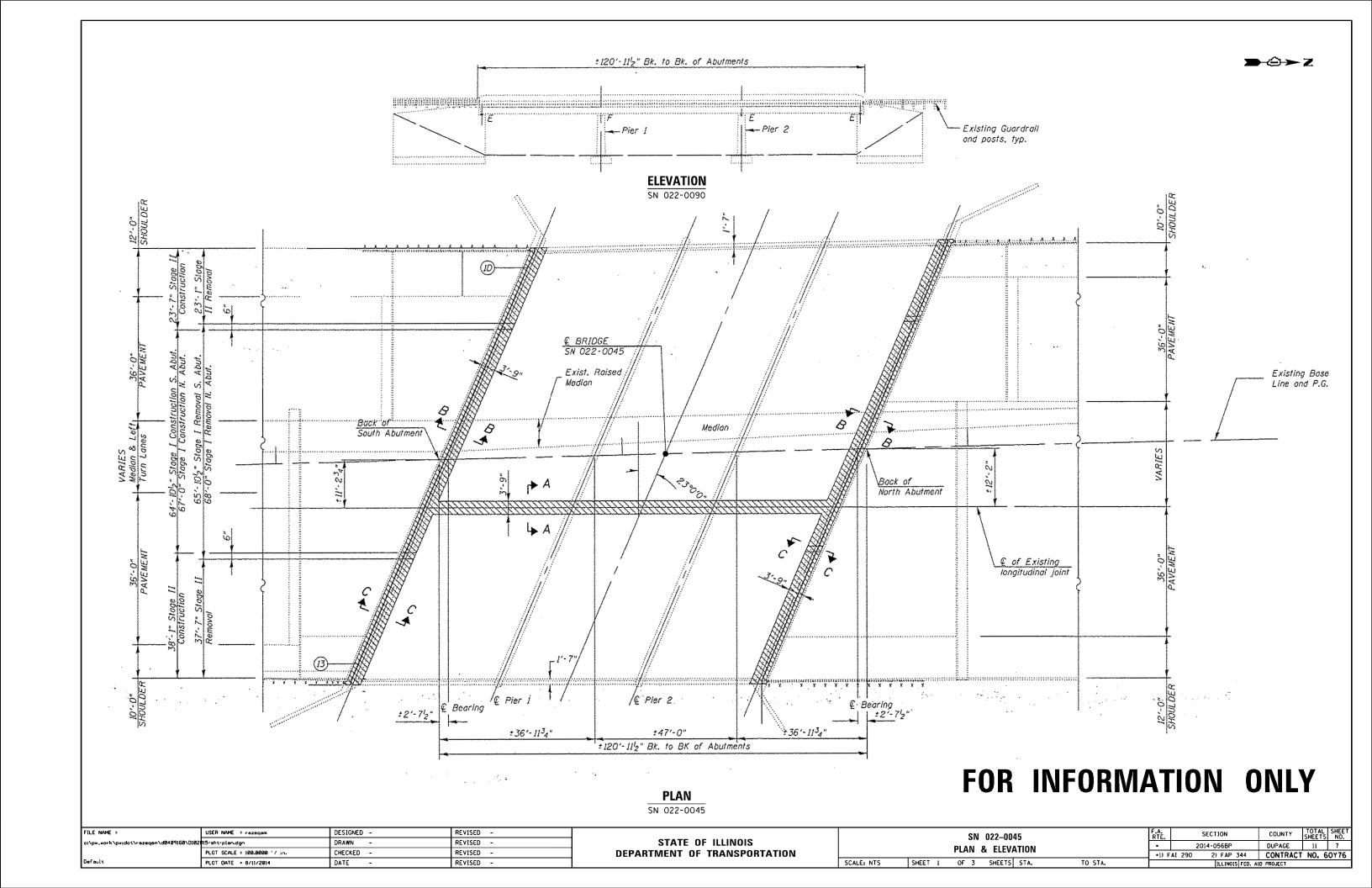


FOR INFORMATION ONLY

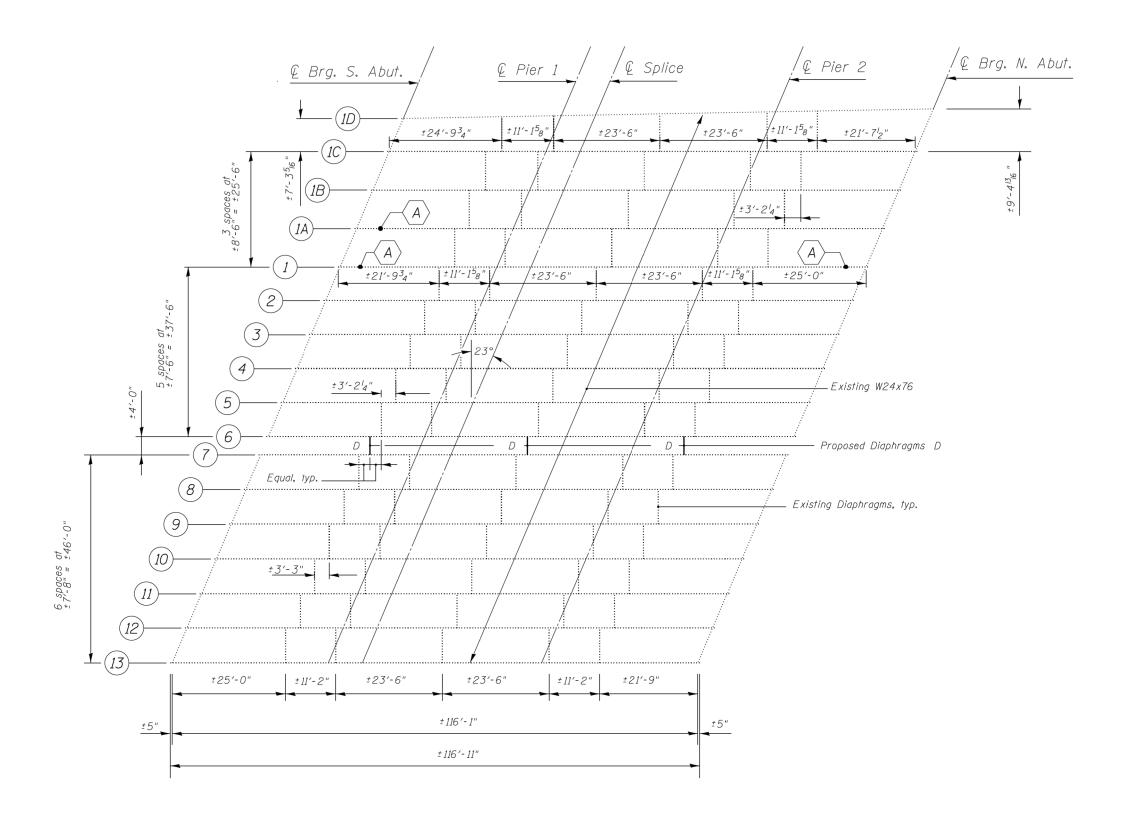
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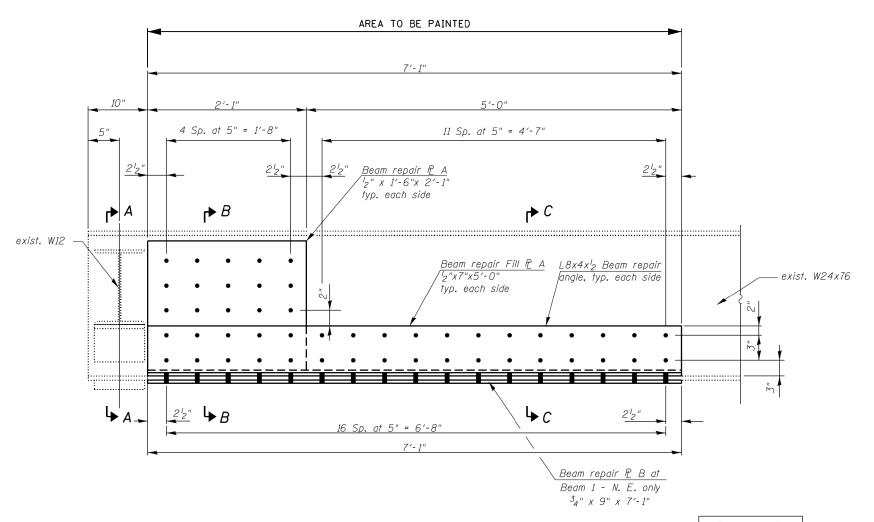




FRAMING PLAN

SN 022-0045

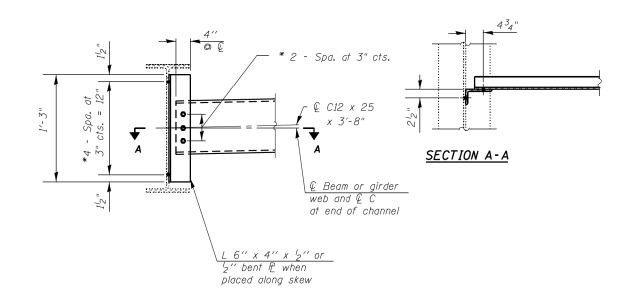
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ELEVATION BEAM 1 (N.E.), Beam 1 (S.E.) AND Beam 1A (S.E.)

N.E. - North End S.E. - South End

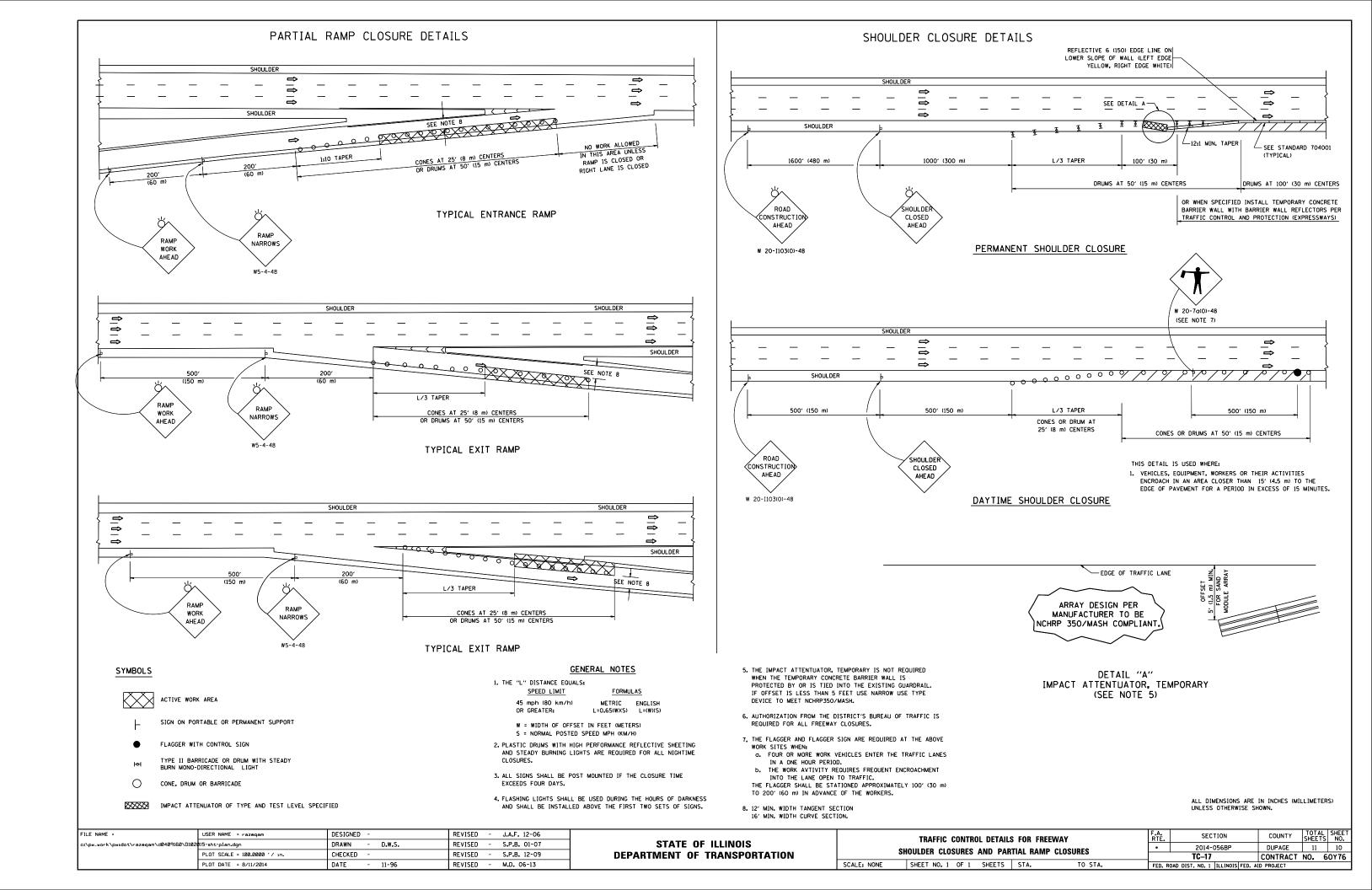
DETAIL A SN 022-0045

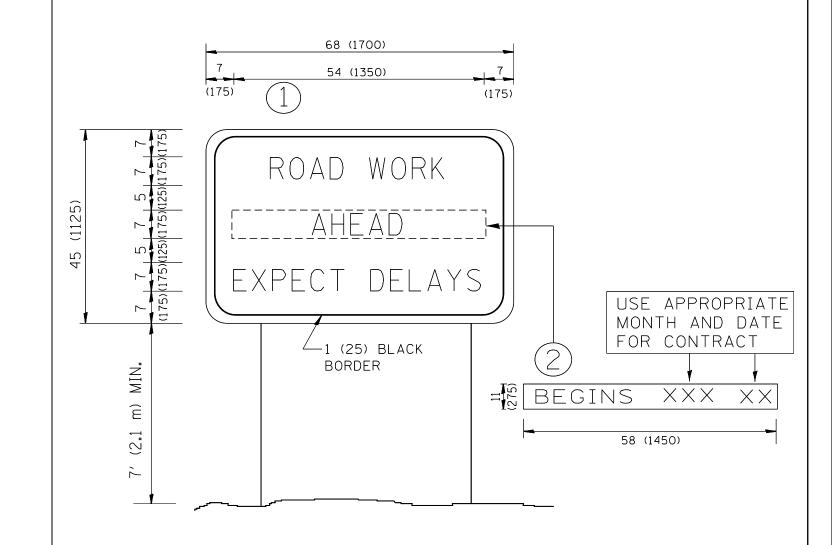


INTERIOR DIAPHRAGM D

SN 022-0045

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NOTES:

- 1. USE BLACK LETTERING ON ORANGE BACKGROUND.
- 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN () WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- 4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
- 5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
- 7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

ſ	FILE NAME =	USER NAME = razeqam	DESIGNED -	REVISED - R. MIRS 09-15-97	·	ARTERIAL ROAD			F.A.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
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		PLOT DATE = 8/11/2014	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA.	TO STA.	FED. RO		D PROJECT		