

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

| | | | | |
|-----------|-----------|----------|--------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2015-0081 | VAR. | 29 | 1 |
| | | ILLINOIS | CONTRACT NO. 62A62 | |

D-91-275-15

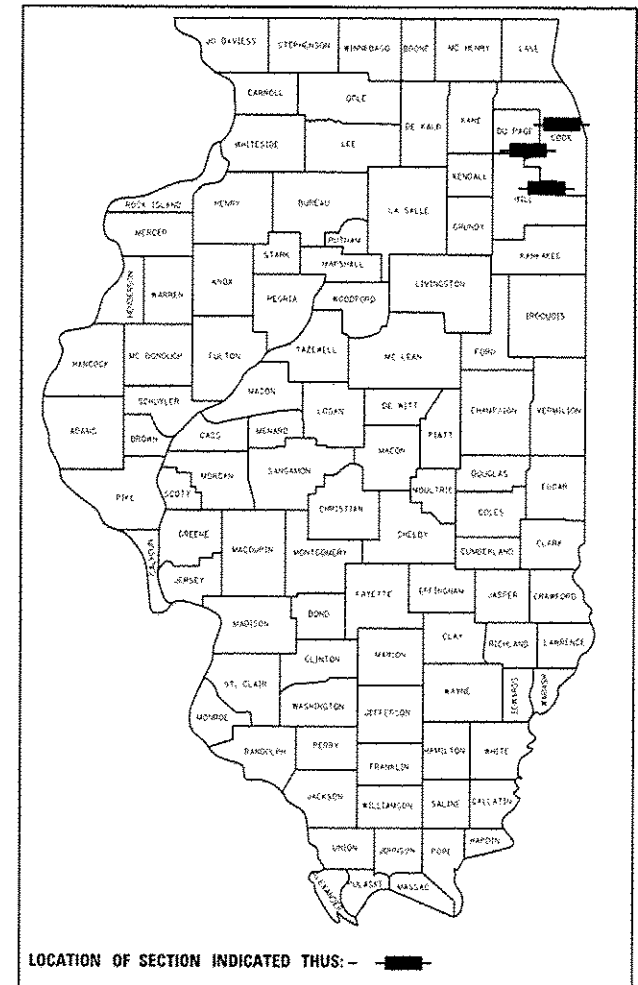
FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS; SEE SHEET 2

PROJECT IS LOCATED IN:
CITY OF CHICAGO
VILLAGE OF TINLEY PARK
VILLAGE OF WILLOWBROOK

**PROPOSED
HIGHWAY PLANS**
VARIOUS ROUTES
SECTION: 2015-0081
AT VARIOUS EXPRESSWAY CURVES
SAFETY IMPROVEMENTS
PROJECT: ACHSIP-000V (030)
COOK, DUPAGE AND WILL COUNTIES
C-91-275-15

FOR LOCATION MAPS, SEE SHEET NO. 3



TRAFFIC DATA

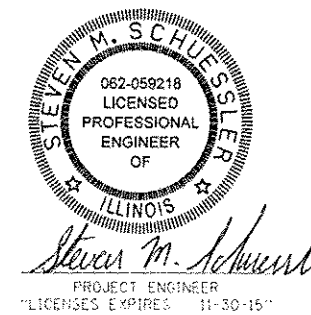
- I-90/94 CURVE AT ADDISON STREET (INTERSTATE)
2009 ADT - 325,400
POSTED SPEED LIMIT 55 MPH
DESIGN SPEED 60 MPH
- I-90/94 EASTBOUND TO OHIO STREET EXIT RAMP (INTERSTATE)
2002 ADT - 22,900
POSTED SPEED LIMIT 30 MPH
DESIGN SPEED 35 MPH
- I-80 WESTBOUND TO US ROUTE 45 EXIT RAMP (INTERSTATE)
ADT - UNAVAILABLE
POSTED SPEED LIMIT 30 MPH
- IL ROUTE 83 NORTHBOUND TO I-55 NORTHBOUND RAMP (INTERSTATE)
2012 ADT - 5800
POSTED SPEED LIMIT 35 MPH
- I-90/94 WESTBOUND TO CERMARK ROAD RAMP S-CURVE (INTERSTATE)
2010 ADT - 2750
POSTED SPEED LIMIT 30 MPH
DESIGN SPEED 30 MPH
- I-57 S-CURVE NEAR 107TH STREET (INTERSTATE)
2012 ADT - 139,500
POSTED SPEED LIMIT 55 MPH
- I-290 S-CURVE NEAR KOSTNER AVENUE (INTERSTATE)
2012 ADT - 191,300
POSTED SPEED LIMIT 55 MPH



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

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

PROJECT ENGINEER: STEVE SCHUESSLER (630) 641-9900 (SE3)
PROJECT MANAGER: DAN WILGREEN (847) 705-4247 (IDOT)
CONTRACT NO. 62A62



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 6 2015
John Furman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 26 2015
John D. Baranzelli, PE, EIT
ENGINEER OF DESIGN AND ENVIRONMENT

June 26 2015
Dmer Esmam, PE, EIT
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

| | |
|-------|--------------------------------------------------------------------------------------------------------|
| 1 | COVER SHEET |
| 2 | INDEX OF SHEETS, INDEX OF STANDARDS AND GENERAL NOTES |
| 3 | LOCATION MAPS |
| 4-5 | SUMMARY OF QUANTITIES |
| 6 | TYPICAL SECTIONS |
| 7-10 | SCHEDULE OF QUANTITIES |
| 11 | ROADWAY PLAN - I-90/94 (KENNEDY EXPRESSWAY) CURVE AT ADDISON STREET |
| 12 | ROADWAY PLAN - I-90/94 EASTBOUND TO OHIO STREET EXIT RAMP |
| 13 | ROADWAY PLAN - I-80 WESTBOUND TO US ROUTE 45 EXIT RAMP |
| 14 | ROADWAY PLAN - IL ROUTE 83 NORTHBOUND TO I-55 NORTHBOUND RAMP |
| 15-16 | ROADWAY PLAN - I-90/94 WESTBOUND TO CERMARK ROAD RAMP S-CURVE |
| 17-18 | ROADWAY PLAN - I-57 (S-CURVE NEAR 107TH STREET) |
| 19 | ROADWAY PLAN - I-290 (S-CURVE NEAR KOSTNER AVENUE) |
| 20 | BD-32 BUTT JOINT AND HMA TAPER DETAILS |
| 21 | TC-08 ENTRANCE AND EXIT RAMP CLOSURE DETAILS |
| 22 | TC-09 TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE |
| 23 | TC-11 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) |
| 24-25 | TC-12 MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (2 SHEETS) |
| 26 | TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS |
| 27 | TC-17 TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES |
| 28 | TC-18 FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS |
| 29 | BE-702 MISC. ELECTRICAL DETAILS SHEET A |

HIGHWAY STANDARDS

| | |
|-----------|----------------------------------------------------------------------------|
| 000001-06 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (8 SHEETS) |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 482011-03 | PCC PAVEMENT ROUNDOUTS |
| 630001-10 | STEEL PLATE BEAM GUARDRAIL (4 SHEETS) |
| 630301-04 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (2 SHEETS) |
| 631031-13 | TRAFFIC BARRIER TERMINAL, TYPE 6 (3 SHEETS) |
| 635001-01 | DELINEATORS |
| 635006-03 | REFLECTOR AND TERMINAL MARKER PLACEMENT |
| 635011-02 | REFLECTOR MARKER AND MOUNTING DETAILS (3 SHEETS) |
| 642001-02 | SHOULDER RUMBLE STRIPS, 16 IN. |
| 643001-02 | SAND MODULE IMPACT ATTENUATOR |
| 701101-04 | OFF-RO OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE |
| 701400-08 | APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701401-09 | LANE CLOSURE, FREEWAY / EXPRESSWAY |
| 701411-09 | LANE CLOSURE, MULTILANE, AT ENTRANCES OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH |
| 701428 | TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY |
| 701446-06 | TWO LANE CLOSURE FREEWAY/EXPRESSWAY |
| 701901-04 | TRAFFIC CONTROL DEVICES |
| 704001-07 | TEMPORARY CONCRETE BARRIER |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS & DELINEATORS |
| 760001-05 | TYPICAL PAVEMENT MARKINGS |
| 781001-03 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |
| 812001 | RACEWAY EMBEDDED IN STRUCTURE |

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE LATEST EDITION OF THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
- BEFORE STARTING ANY EXCAVATING, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE OR GAS UTILITIES. 48 NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN CONSENT FROM THE DEPARTMENT.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO, VILLAGE OF TINLEY PARK AND THE VILLAGE OF WILLOWBROOK.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND TAPER DETAILS" SHEET INCLUDED IN THE PLANS UNLESS OTHERWISE SPECIFIED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED AT A MINIMUM OF 1:3 (V:H).
- THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD TECHNICIAN A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND EXISTING CONDITIONS DURING THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.
- ANY EXISTING STORM SEWER OR STRUCTURES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND EXISTING CONDITIONS DURING THE CONSTRUCTION OF THIS PROJECT.
- THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.
- BEFORE STARTING ANY WORK, THE CONTRACTOR SHALL CONTACT ROY LAWSON WITH THE BUREAU OF TRAFFIC AND ELECTRICAL OPERATIONS AT (708) 524-2145 TO AVOID POSSIBLE CONFLICTS WITH EXISTING UNDERGROUND CONDUIT AT VARIOUS LOCATIONS THROUGHOUT THE CONTRACT.

COMMITMENTS

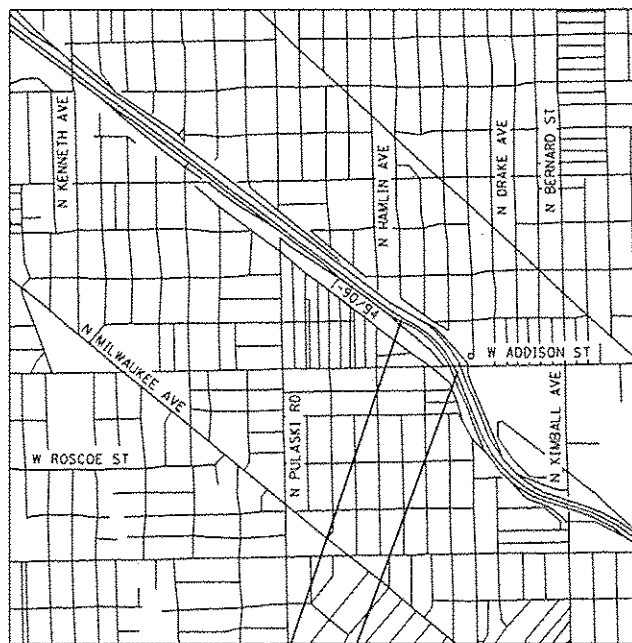
THERE ARE NO COMMITMENTS FOR THIS PROJECT.

BENCHMARKS

A SURVEY HAS NOT BEEN PERFORMED AND BENCHMARKS HAVE NOT BEEN ESTABLISHED.

THE EXISTING CENTERLINE AND BASELINE ALIGNMENTS HAVE NOT BEEN SURVEYED. THE ALIGNMENTS ARE SHOWN AT APPROXIMATE LOCATIONS BASED ON AERIAL MAPPING.

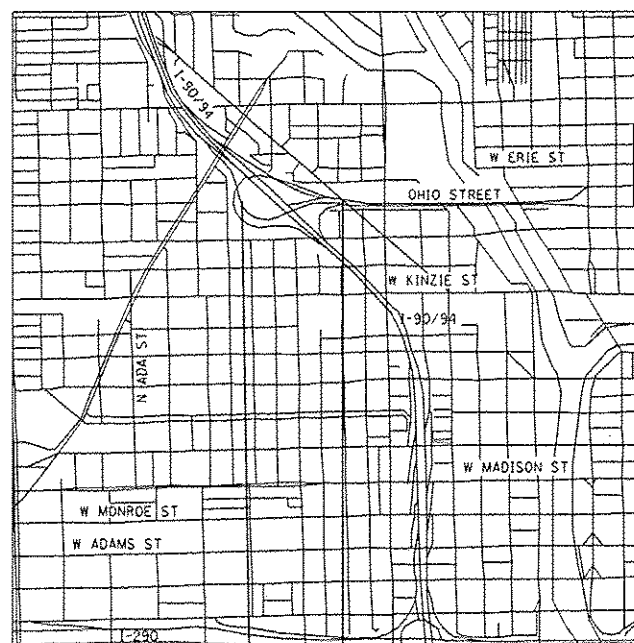
| | | | | | | | | | | | | | |
|------------------------------------|-------------------|----------------|-----------|-----------------------------------------------------------|--------------------------------------------------------------|----------------------|--------------|---------|--------|-----------------|--------------|----|---|
| FILE NAME : WDG_HSP.gernote.dgn | USER NAME : Steve | DESIGNED - SMS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | INDEX OF SHEETS, INDEX OF STANDARDS AND GENERAL NOTES | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | |
| | | DRAWN - SVJ | REVISED - | | SCALE: | SHEET 2 OF 29 SHEETS | STA. | TO STA. | VAR. | 2015-0081 | VAR. | 29 | 2 |
| | | CHECKED - DGW | REVISED - | | CONTRACT NO. 62A62 | | | | | | | | |
| Default | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | | |



BEGIN IMPROVEMENT
STA 103+45.45

END IMPROVEMENT
STA 118+80.00

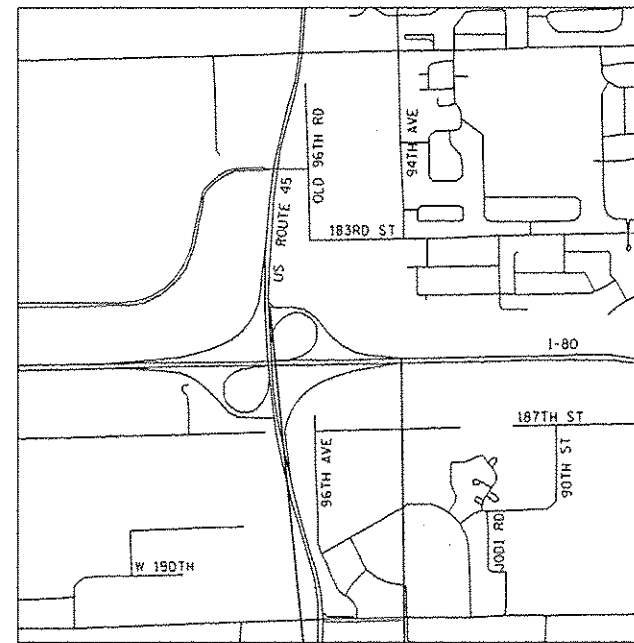
I-90/94 AT ADDISON STREET
CITY OF CHICAGO, COOK COUNTY



BEGIN IMPROVEMENT
STA 203+32.00

END IMPROVEMENT
STA 216+99.22

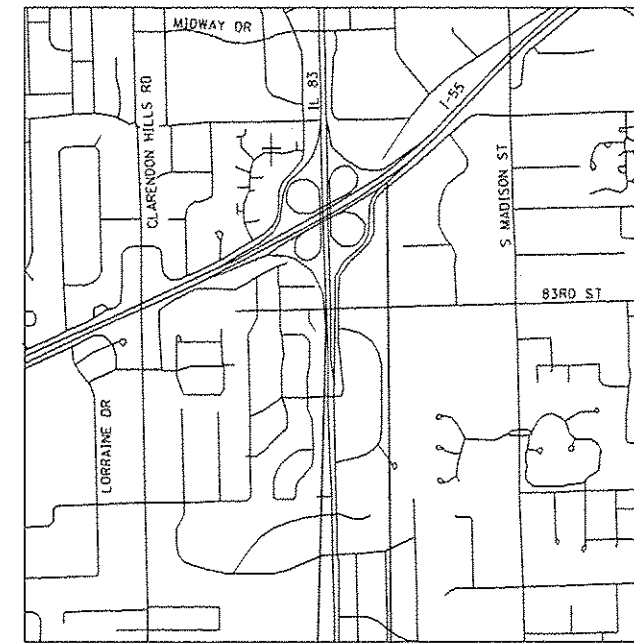
I-90/94 EASTBOUND TO OHIO STREET
EASTBOUND RAMP
CITY OF CHICAGO, COOK COUNTY



END IMPROVEMENT
STA 319+75.00

BEGIN IMPROVEMENT
STA 303+56.00

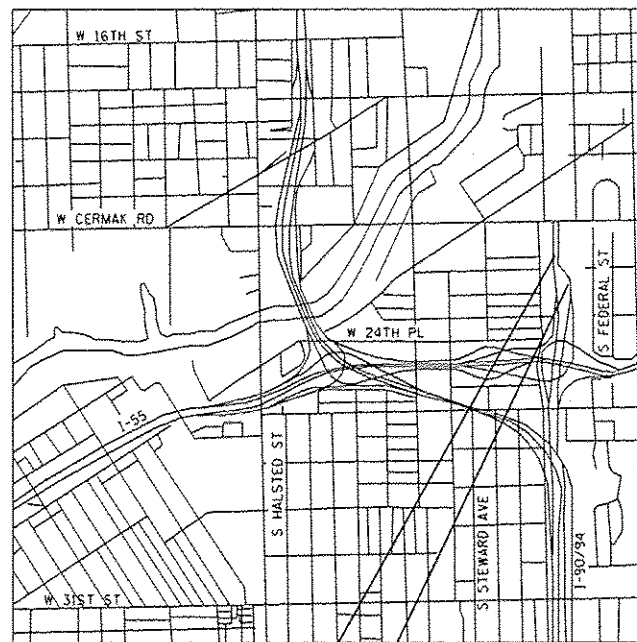
I-80 WESTBOUND TO US ROUTE 45 RAMP
VILLAGE OF TINLEY PARK, WILL COUNTY



BEGIN IMPROVEMENT
STA 403+53.00

END IMPROVEMENT
STA 419+83.00

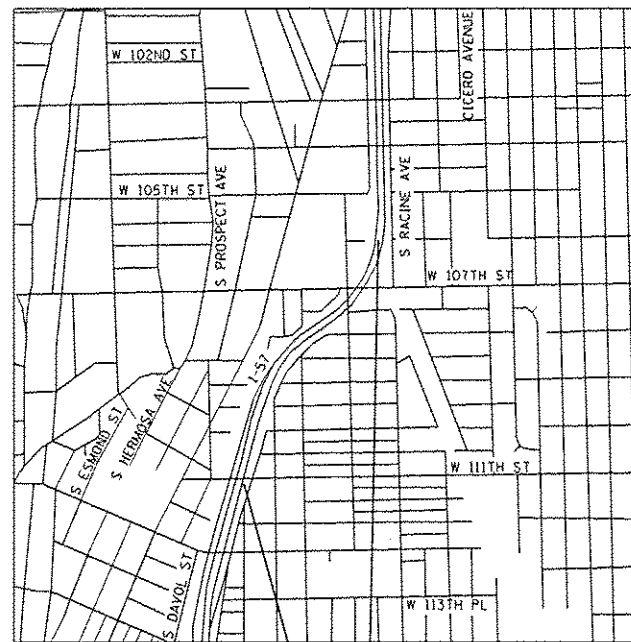
IL ROUTE 83 NORTHBOUND TO
I-55 NORTHBOUND RAMP
VILLAGE OF WILLOWBROOK, DUPAGE COUNTY



END IMPROVEMENT
STA 609+50.00

BEGIN IMPROVEMENT
STA 602+17.00

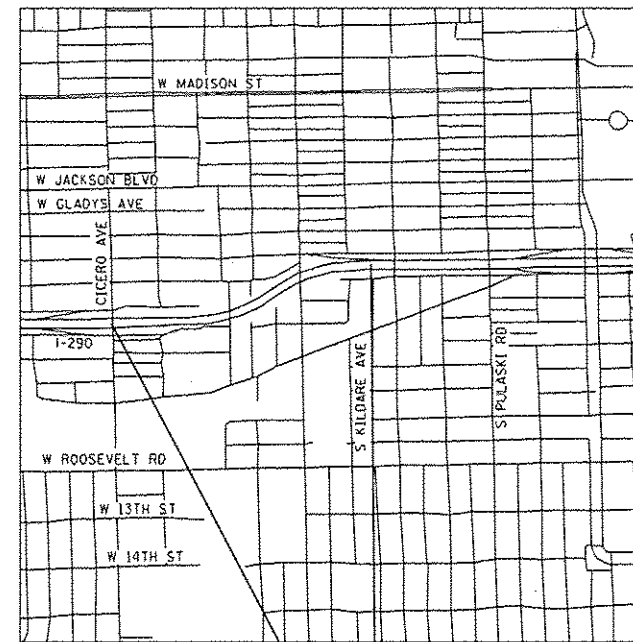
I-90/94 WESTBOUND TO CERMARK ROAD
RAMP S-CURVE
CITY OF CHICAGO, COOK COUNTY



BEGIN IMPROVEMENT
STA 700+00.00

END IMPROVEMENT
STA 752+53.85

I-57 (S-CURVE NEAR 107TH STREET)
CITY OF CHICAGO, COOK COUNTY



BEGIN IMPROVEMENT
STA 801+84.00

END IMPROVEMENT
STA 829+51.81

I-290 (S-CURVE NEAR KOSTNER AVENUE)
CITY OF CHICAGO, COOK COUNTY

| | | | |
|------------------------------------|------------------------------|----------------|-----------|
| FILE NAME * V06_H51P_locmap.dgn | USER NAME * Steve | DESIGNED - SMS | REVISED - |
| | | DRAWN - SVJ | REVISED - |
| | | CHECKED - DCW | REVISED - |
| | | DATE - | REVISED - |
| Default | PLOT SCALE * 100.0000' / in. | | |
| | PLOT DATE * 5/12/2015 | | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAPS

SCALE: NTS SHEET 3 OF 29 SHEETS STA. TO STA.

| | | | | |
|-----------------------------|-----------|--------|--------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2015-0081 | VAR. | 29 | 3 |
| | | | CONTRACT NO. 62A62 | |
| ILLINOIS FED. AID PROJ. ECT | | | | |

| SUMMARY OF QUANTITIES | | | URBAN | CONSTRUCTION TYPE CODE | | |
|-----------------------|----------------------------------------------------------|-------|----------------|------------------------------------|--------------------------------------|------------------------------------|
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | FED 90% STATE 10% COOK COUNTY 0021 | FED 90% STATE 10% DUPAGE COUNTY 0021 | FED 90% STATE 10% WILL COUNTY 0021 |
| 20101400 | NITROGEN FERTILIZER NUTRIENT | POUND | 14 | 14 | | |
| 20101500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 14 | 14 | | |
| 20101600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 14 | 14 | | |
| 20200100 | EARTH EXCAVATION | CU YD | 60 | 60 | | |
| 21101600 | TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH | SO YD | 446 | 446 | | |
| 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SO YD | 290 | 290 | | |
| 25000210 | SEEDING, CLASS 2A | ACRE | 0.25 | 0.25 | | |
| 25100630 | EROSION CONTROL BLANKET | SO YD | 1056 | 1056 | | |
| 28000510 | INLET FILTERS | EACH | 12 | 12 | | |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 1649 | 1649 | | |
| 40600400 | MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS | TON | 6 | 6 | | |
| 40603595 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 | TON | 410 | 410 | | |
| 44000157 | HOT-MIX ASPHALT SURFACE REMOVAL, 2" | SO YD | 3665 | 3665 | | |
| 44004250 | PAVED SHOULDER REMOVAL | SO YD | 21 | 21 | | |

| SUMMARY OF QUANTITIES | | | URBAN | CONSTRUCTION TYPE CODE | | |
|-----------------------|--------------------------------------------------------------|-------|----------------|------------------------------------|--------------------------------------|------------------------------------|
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | FED 90% STATE 10% COOK COUNTY 0021 | FED 90% STATE 10% DUPAGE COUNTY 0021 | FED 90% STATE 10% WILL COUNTY 0021 |
| 44213202 | TIE BARS 1" | EACH | 37 | 37 | | |
| 48101498 | AGGREGATE SHOULDERS, TYPE B 4" | SO YD | 94 | 94 | | |
| 50102400 | CONCRETE REMOVAL | CU YD | 14.5 | 14.5 | | |
| 50300225 | CONCRETE STRUCTURES | CU YD | 9.3 | 9.3 | | |
| 50300300 | PROTECTIVE COAT | SO YD | 65 | 65 | | |
| * 63100089 | TRAFFIC BARRIER TERMINAL, TYPE 6B | EACH | 1 | 1 | | |
| * 63100167 | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | EACH | 1 | 1 | | |
| 63500105 | DELINEATORS | EACH | 180 | | 97 | 83 |
| 64200116 | SHOULDER RUMBLE STRIPS, 16 INCH | FOOT | 8414 | 8414 | | |
| 64300260 | IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | EACH | 2 | 2 | | |
| * 66900200 | NON-SPECIAL WASTE DISPOSAL | CU YD | 60 | 60 | | |
| * 66900450 | SPECIAL WASTE PLANS AND REPORTS | L SUM | 1 | 1 | | |
| * 66900530 | SOIL DISPOSAL ANALYSIS | EACH | 2 | 2 | | |
| 67100100 | MOBILIZATION | L SUM | 1 | 0.7 | 0.15 | 0.15 |

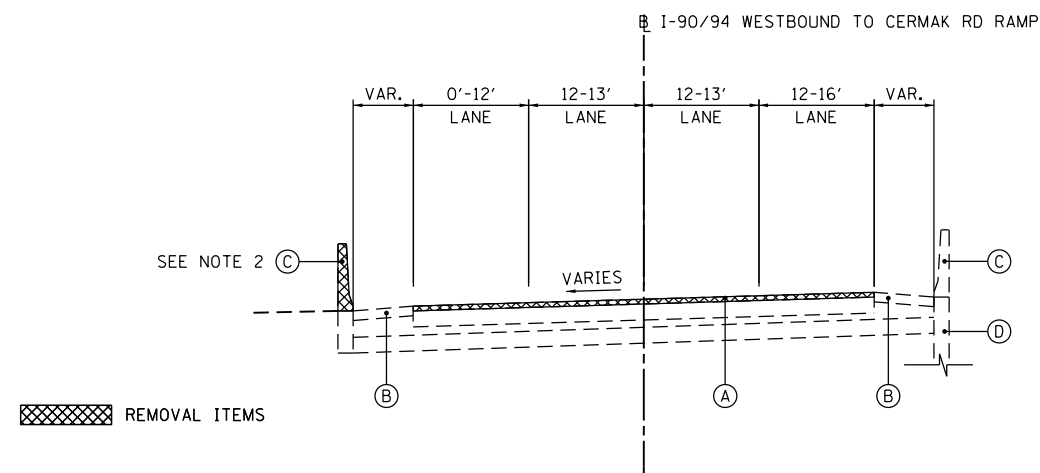
* SPECIALTY ITEMS

| SUMMARY OF QUANTITIES | | | URBAN | CONSTRUCTION TYPE CODE | | |
|-----------------------|-------------------------------------------------------------------------|-------|----------------|------------------------------------|--------------------------------------|------------------------------------|
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | FED 90% STATE 10% COOK COUNTY 0021 | FED 90% STATE 10% DUPAGE COUNTY 0021 | FED 90% STATE 10% WILL COUNTY 0021 |
| 70300210 | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | SO FT | 292 | 292 | | |
| 70300220 | TEMPORARY PAVEMENT MARKING - LINE 4" | FOOT | 2960 | 2960 | | |
| 70300230 | TEMPORARY PAVEMENT MARKING - LINE 5" | FOOT | 640 | 640 | | |
| 70300240 | TEMPORARY PAVEMENT MARKING - LINE 6" | FOOT | 230 | 230 | | |
| 70300250 | TEMPORARY PAVEMENT MARKING - LINE 8" | FOOT | 830 | 830 | | |
| 70300260 | TEMPORARY PAVEMENT MARKING - LINE 12" | FOOT | 42 | 42 | | |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | SO FT | 2256 | 2256 | | |
| 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 575 | 575 | | |
| 70600260 | IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | EACH | 4 | 4 | | |
| * 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 2076 | 2076 | | |
| * 78000500 | THERMOPLASTIC PAVEMENT MARKING - LINE 8" | FOOT | 415 | 415 | | |
| * 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 165 | 165 | | |
| * 78003100 | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS | SO FT | 437 | 437 | | |
| * 78003120 | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5" | FOOT | 365 | 365 | | |
| * 78003130 | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" | FOOT | 826 | 826 | | |
| * 78003180 | PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" | FOOT | 120 | 120 | | |

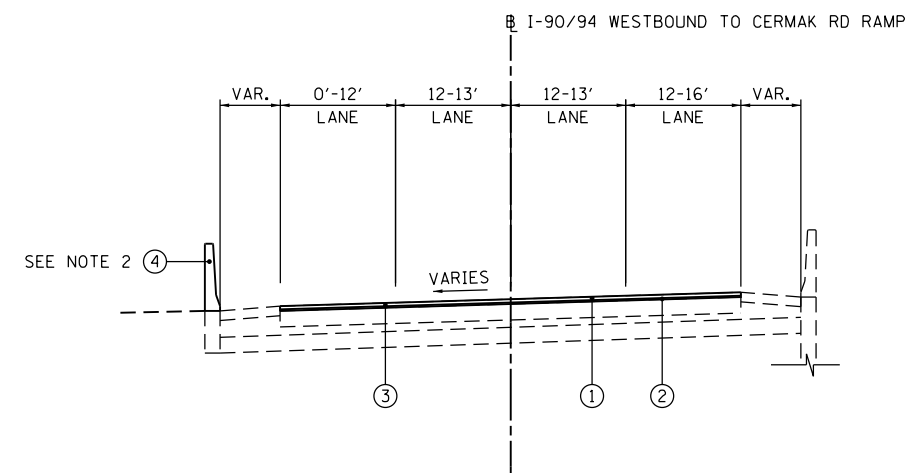
10
* SPECIALTY ITEMS

| SUMMARY OF QUANTITIES | | | URBAN | CONSTRUCTION TYPE CODE | | |
|-----------------------|----------------------------------------------------------------------|--------|----------------|------------------------------------|--------------------------------------|------------------------------------|
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | FED 90% STATE 10% COOK COUNTY 0021 | FED 90% STATE 10% DUPAGE COUNTY 0021 | FED 90% STATE 10% WILL COUNTY 0021 |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 38 | 38 | | |
| * 78200100 | MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR | EACH | 527 | 527 | | |
| * 78200200 | BIDIRECTIONAL PRISMATIC BARRIER REFLECTOR | EACH | 78 | 78 | | |
| * 78200410 | GUARDRAIL MARKERS, TYPE A | EACH | 8 | 8 | | |
| * 78200530 | BARRIER WALL MARKERS, TYPE C | EACH | 27 | 27 | | |
| * 78201000 | TERMINAL MARKER - DIRECT APPLIED | EACH | 1 | 1 | | |
| 78300100 | PAVEMENT MARKING REMOVAL | SO FT | 925 | 925 | | |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 30 | 30 | | |
| * 81200130 | CONDUIT EMBEDDED IN STRUCTURE, 2 1/2" DIA., GALVANIZED STEEL | FOOT | 6 | 6 | | |
| * 81200240 | CONDUIT EMBEDDED IN STRUCTURE, 2 1/2" DIA., PVC | FOOT | 65 | 65 | | |
| * 81300550 | JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6" | EACH | 1 | 1 | | |
| * 81702140 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4 | FOOT | 335 | 335 | | |
| * 81702400 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2 | FOOT | 335 | 335 | | |
| * 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 670 | 670 | | |
| * X0326364 | TEMPORARY AERIAL CABLE WITH MESSENGER WIRE | FOOT | 260 | 260 | | |
| X7011015 | TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) | L SUM | 1 | 0.7 | 0.15 | 0.15 |
| * X8130125 | REMOVE EXISTING JUNCTION BOX | EACH | 1 | 1 | | |
| * Z0033028 | MAINTENANCE OF LIGHTING SYSTEM | CAL MO | 2 | 2 | | |
| Z0048665 | RAILROAD PROTECTIVE LIABILITY INSURANCE | L SUM | 1 | 1 | | |

19



EXISTING I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE
STATION 602+17.00 TO STATION 609+50.00



PROPOSED I-90/94 WESTBOUND TO CERMAK RD RAMP
STATION 602+17.00 TO STATION 609+50.00

EXISTING RAMP LEGEND:

- (A) HMA SURFACE COURSE
- (B) HMA SHOULDER
- (C) CONCRETE BARRIER WALL
- (D) RETAINING WALL

PROPOSED RAMP LEGEND:

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (40603595) (2")
- (2) BITUMINOUS MATERIALS (PRIME COAT) (40600275)
- (3) HOT-MIX ASPHALT SURFACE REMOVAL, 2" (44000157)
- (4) CONCRETE STRUCTURES (50300300)

GENERAL NOTE:

1. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND PAVEMENT SLOPES BEFORE BEGINNING WORK.
2. REFER TO SHEET 16 FOR CONCRETE BARRIER WALL REMOVAL LIMITS.

GENERAL NOTE:

1. REFER TO SHEET 16 FOR CONCRETE BARRIER WALL DETAILS AND LIMITS.

MIXTURE TABLE

| MIXTURE TYPE | AIR VOIDS | OMP |
|---------------------------------------------------------------------|----------------|-------|
| PAVEMENT RESURFACING/WIDENING | | |
| I-90/94 WESTBOUND TO CERMAK RD RAMP | | |
| POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE (IL 9.5mm), MIX "F", N90 | 4.0% @ 90 Gyr. | QC/OA |
| OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA) | | |

GENERAL NOTE:

1. THE "AC TYPE" FOR POLYMERIZED MIXTURES SHALL BE "SBS/SBR PG 76-22", FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY THE DISTRICT ONE SPECIAL PROVISIONS.
2. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.
3. QUALITY MANAGEMENT PROGRAM IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

| HOT-MIX ASPHALT PAVING SCHEDULE | | | | 40600275 | 40600400 | 40603595 |
|---------------------------------------------------------|-------------|-----------------|------------|-----------------------------------|--------------------------------------------|---------------------------------------------------------------|
| | | | | BITUMINOUS MATERIALS (PRIME COAT) | MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (2") |
| LOCATION STATION TO STATION | LENGTH FEET | AVE. WIDTH FEET | AREA SQ YD | WEIGHT POUND | WEIGHT TON | WEIGHT TONS |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | | | | |
| 602+17 TO 609+50 | 733 | 45 | 3665.00 | 1649 | 6 | 410 |
| TOTALS | | | 3665.00 | 1649 | 6 | 410 |

| 20101400 NITROGEN FERTILIZER NUTRIENT | | | |
|-------------------------------------------------------------|--------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (POUND) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 115+60 | 117+05 | RT | 4.7 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 204+16 | 204+46 | RT | 4.3 |
| 204+85 | 205+16 | LT | 4.7 |
| SUBTOTAL | | | 9.0 |
| TOTAL | | | 14 |

| 20101500 PHOSPHORUS FERTILIZER NUTRIENT | | | |
|-------------------------------------------------------------|--------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (POUND) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 115+60 | 117+05 | RT | 4.7 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 204+16 | 204+46 | RT | 4.3 |
| 204+85 | 205+16 | LT | 4.7 |
| SUBTOTAL | | | 9.0 |
| TOTAL | | | 14 |

| 20101600 POTASSIUM FERTILIZER NUTRIENT | | | |
|-------------------------------------------------------------|--------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (POUND) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 115+60 | 117+05 | RT | 4.7 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 204+16 | 204+46 | RT | 4.3 |
| 204+85 | 205+16 | LT | 4.7 |
| SUBTOTAL | | | 9.0 |
| TOTAL | | | 14 |

| 20200100 EARTH EXCAVATION | | | |
|-------------------------------------------------------------|--------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (CU YD) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 115+60 | 117+05 | RT | 40 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 204+16 | 204+46 | RT | 8 |
| 204+85 | 205+16 | LT | 8 |
| SUBTOTAL | | | 16 |
| TOTAL | | | 60 |

| 21101600 TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH | | | |
|-------------------------------------------------------------|--------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (SQ YD) |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 203+32 | 204+17 | RT | 212 |
| 203+25 | 204+85 | LT | 234 |
| TOTAL | | | 446 |

| 21101615 TOPSOIL FURNISH AND PLACE, 4" | | | |
|-------------------------------------------------------------|--------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (SQ YD) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 115+60 | 117+05 | RT | 250 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 204+17 | 204+46 | RT | 20 |
| 204+85 | 205+16 | LT | 20 |
| SUBTOTAL | | | 40 |
| TOTAL | | | 290 |

| 25000210 SEEDING, CLASS 2A | | | |
|-------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (ACRE) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 115+60 | 117+05 | RT | 0.052227 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 204+16 | 204+46 | RT | 0.047934 |
| 204+85 | 205+16 | LT | 0.052479 |
| SUBTOTAL | | | 0.100413 |
| TOTAL | | | 0.25 |

| 25100630 EROSION CONTROL BLANKET | | | |
|-------------------------------------------------------------|--------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (SQ YD) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 115+60 | 117+05 | RT | 250 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 204+16 | 204+46 | RT | 392 |
| 204+85 | 205+16 | LT | 414 |
| SUBTOTAL | | | 806 |
| TOTAL | | | 1,056 |

| 28000510 INLET FILTERS | | | |
|---------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 609+50 | RT | 5 |
| 602+17 | 609+50 | LT | 7 |
| TOTAL | | | 12 |

| 44004250 PAVED SHOULDER REMOVAL | | | |
|------------------------------------------|--------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (SQ YD) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 116+51 | 117+06 | RT | 21 |
| TOTAL | | | 21 |

| 44213202 TIE BARS 1" | | | |
|------------------------------------------------------------|----------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 607+00 | 607+69.7 | LT | 37 |
| TOTAL | | | 37 |

| 48101498 AGGREGATE SHOULDERS, TYPE B 4" | | | |
|------------------------------------------|--------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (SQ YD) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 115+75 | 117+06 | RT | 94 |
| TOTAL | | | 94 |

| 50102400 CONCRETE REMOVAL | | | |
|----------------------------------------------------------------|----------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (CU YD) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 116+78 | 117+06 | RT | 1.7 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 204+20 | 204+47 | RT | 1.8 |
| 205+04 | 205+29 | LT | 1.7 |
| SUBTOTAL | | | 3.5 |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 607+00 | 607+69.7 | LT | 9.3 |
| TOTAL | | | 14.5 |

| 44000157 HOT-MIX ASPHALT SURFACE REMOVAL, 2" | | | |
|------------------------------------------------------------|--------|---------|---------------|
| FROM | TO | OFFSET | TOTAL (SQ YD) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 609+50 | LT / RT | 3.665 |
| TOTAL | | | 3.665 |

| 50300225 CONCRETE STRUCTURES | | | |
|------------------------------------------------------------|----------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (CU YD) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 607+00 | 607+69.7 | LT | 9.3 |
| TOTAL | | | 9.3 |

| 50300300 PROTECTIVE COAT | | | |
|------------------------------------------------------------|----------|--------|---------------|
| FROM | TO | OFFSET | TOTAL (SQ YD) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 607+00 | 607+69.7 | LT | 64.2 |
| TOTAL | | | 65 |

| 63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B | | | |
|--------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 116+58 | 117+06 | RT | 1 |
| TOTAL | | | 1 |

| 63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT | | | |
|-------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 116+03 | 116+58 | RT | 1 |
| TOTAL | | | 1 |

| 63500105 DELINEATORS (AMBER) | | | |
|-----------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-80 WESTBOUND TO US 45 RAMP WILL COUNTY | | | |
| 304+22 | 319+75 | LT | 40 |
| IL 83 NORTHBOUND TO I-55 NORTHBOUND RAMP DUPAGE COUNTY | | | |
| 404+41 | 419+14 | LT | 46 |
| TOTAL | | | 86 |

| 63500105 DELINEATORS (CRYSTAL) | | | |
|-----------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-80 WESTBOUND TO US 45 RAMP WILL COUNTY | | | |
| 303+56 | 319+75 | RT | 43 |
| IL 83 NORTHBOUND TO I-55 NORTHBOUND RAMP DUPAGE COUNTY | | | |
| 403+53 | 419+83 | RT | 51 |
| TOTAL | | | 94 |

| 64200116 SHOULDER RUMBLE STRIPS, 16 INCH | | | |
|------------------------------------------|--------|---------------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 103+45 | 118+56 | EB LT | 1,474 |
| 103+45 | 107+40 | EB RT | 409 |
| 109+30 | 118+10 | EB RT | 815 |
| 103+45 | 113+08 | WB LT | 970 |
| 116+50 | 118+80 | WB LT | 245 |
| 103+45 | 118+56 | WB RT | 1,521 |
| 103+45 | 118+50 | EXPRESS LN-RT | 1,480 |
| 103+45 | 118+56 | EXPRESS LN-LT | 1,500 |
| TOTAL | | | 8,414 |

| 64300260 IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | | |
|-----------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 204+17 | 204+37 | RT | 1 |
| 204+86 | 205+06 | LT | 1 |
| TOTAL | | | 2 |

| | | | |
|-----------------------------------------|------------------------------|----------------|-----------|
| FILE NAME = W06_HSIP_schedule-02.dgn | USER NAME = Steve | DESIGNED - SMS | REVISED - |
| Default | PLOT SCALE = 100.0000' / in. | DRAWN - SVJ | REVISED - |
| | PLOT DATE = 5/12/2015 | CHECKED - DGW | REVISED - |
| | | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 8 OF 29 SHEETS STA. TO STA.

| | | | | |
|--------------------|-----------|--------|---------------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2015-008I | VAR. | 29 | 8 |
| CONTRACT NO. 62A62 | | | ILLINOIS FED. AID PROJECT | |

| 70300210 TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | | | |
|---------------------------------------------------------|--------|---------|---------------|
| FROM | TO | OFFSET | TOTAL (SQ FT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 608+48 | 608+80 | RT / LT | 291.2 |
| TOTAL | | | 292 |

NOTE: INCLUDES ONE APPLICATION AFTER MILLING AND ONE APPLICATION AFTER SURFACE COURSE.

| 70300220 TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW EDGE LINE) | | | |
|------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 609+50 | LT | 1,480 |
| TOTAL | | | 1,480 |

NOTE: INCLUDES ONE APPLICATION AFTER MILLING AND ONE APPLICATION AFTER SURFACE COURSE.

| 70300220 TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | | | |
|-----------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 609+50 | RT | 1,480 |
| TOTAL | | | 1,480 |

NOTE: INCLUDES ONE APPLICATION AFTER MILLING AND ONE APPLICATION AFTER SURFACE COURSE.

| 70300230 TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE LANE LINES, SKIP-DASH) | | | |
|-----------------------------------------------------------------------------|--------|---------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 609+50 | RT / LT | 640 |
| TOTAL | | | 640 |

NOTE: INCLUDES ONE APPLICATION AFTER MILLING AND ONE APPLICATION AFTER SURFACE COURSE.

| 70300240 TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE LANE LINES) | | | |
|------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 608+35 | 609+50 | CL | 230 |
| TOTAL | | | 230 |

NOTE: INCLUDES ONE APPLICATION AFTER MILLING AND ONE APPLICATION AFTER SURFACE COURSE.

| 70300250 TEMPORARY PAVEMENT MARKING - LINE 8" (WHITE GORE LINES) | | | |
|------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 604+21 | RT | 830 |
| TOTAL | | | 830 |

NOTE: INCLUDES ONE APPLICATION AFTER MILLING AND ONE APPLICATION AFTER SURFACE COURSE.

| 70300260 TEMPORARY PAVEMENT MARKING - LINE 12" (WHITE DIAGONAL LINES) | | | |
|-----------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 603+56 | RT | 42 |
| TOTAL | | | 42 |

NOTE: INCLUDES ONE APPLICATION AFTER MILLING AND ONE APPLICATION AFTER SURFACE COURSE.

| 70301000 WORK ZONE PAVEMENT MARKING REMOVAL | | | |
|--------------------------------------------------------------------|--------|---------|---------------|
| FROM | TO | OFFSET | TOTAL (SQ FT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS | | | |
| 608+48 | 608+80 | RT / LT | 292.0 |
| TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW EDGE LINE) | | | |
| 602+17 | 609+50 | LT | 493.3 |
| TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | | | |
| 602+17 | 609+50 | RT | 493.3 |
| TEMPORARY PAVEMENT MARKING - LINE 5" (WHITE LANE LINES, SKIP-DASH) | | | |
| 602+17 | 609+50 | RT / LT | 266.7 |
| TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE LANE LINES) | | | |
| 608+35 | 609+50 | CL | 115.0 |
| TEMPORARY PAVEMENT MARKING - LINE 8" (WHITE GORE LINES) | | | |
| 602+17 | 604+21 | RT | 553.3 |
| TEMPORARY PAVEMENT MARKING - LINE 12" (WHITE DIAGONAL LINES) | | | |
| 602+17 | 603+56 | RT | 42.0 |
| TOTAL | | | 2,256 |

NOTE: INCLUDES ONE REMOVAL FROM MILLED SURFACE AND ONE REMOVAL FROM SURFACE COURSE.

| 70400100 TEMPORARY CONCRETE BARRIER | | | |
|-------------------------------------------------------------|-----------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 115+14.31 | 117+19.93 | RT | 200 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 203+57.86 | 204+43.35 | RT | 100 |
| 203+55.91 | 205+20.17 | LT | 150 |
| SUBTOTAL | | | 250 |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 606+33.13 | 607+47.96 | LT | 125 |
| TOTAL | | | 575 |

| 70600260 IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | | | |
|----------------------------------------------------------------------------------|----|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 115+14.31 | | RT | 1 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 204+57.86 | | RT | 1 |
| 203+55.91 | | LT | 1 |
| SUBTOTAL | | | 2 |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 606+33.13 | | LT | 1 |
| TOTAL | | | 4 |

| 78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE DIAGONAL SHOULDER LINES) | | | |
|------------------------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 604+62 | 608+48 | RT | 72 |
| 602+17 | 603+56 | RT | 21 |
| TOTAL | | | 93 |

| 78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12" (YELLOW DIAGONAL SHOULDER LINES) | | | |
|-------------------------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 604+50 | 608+22 | LT | 72 |
| TOTAL | | | 72 |

| 78003100 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS ("ONLY" & ARROWS) | | | |
|---------------------------------------------------------------------------------------------|--------|---------|---------------|
| FROM | TO | OFFSET | TOTAL (SQ FT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 608+48 | 608+80 | RT / LT | 145.6 |
| 610+09 | 610+41 | RT / LT | 145.6 |
| 611+69 | 612+01 | RT / LT | 145.6 |
| TOTAL | | | 437 |

| 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW EDGE LINE) | | | |
|----------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 612+48 | LT | 1,038 |
| TOTAL | | | 1,038 |

| 78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4" (WHITE EDGE LINE) | | | |
|---------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 612+48 | RT | 1,038 |
| TOTAL | | | 1,038 |

| 78003120 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5" (WHITE LANE LINES, SKIP-DASH) | | | |
|---------------------------------------------------------------------------------------------|--------|---------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 612+48 | RT / LT | 365 |
| TOTAL | | | 365 |

| 78003130 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" (WHITE LANE LINES) | | | |
|----------------------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 608+35 | 612+48 | CL | 826 |
| TOTAL | | | 826 |

| 78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE GORE LINES) | | | |
|----------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 604+21 | RT | 415 |
| TOTAL | | | 415 |

FILE NAME = W06_HSIP_schedule-03.dgn
Default

USER NAME = Steve
PLOT SCALE = 100.0000' / in.
PLOT DATE = 5/12/2015

DESIGNED - SMS
DRAWN - SVJ
CHECKED - DGW
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET 9 OF 29 SHEETS STA. TO STA.

| | | | | |
|---------------------------|-----------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2015-008I | VAR. | 29 | 9 |
| CONTRACT NO. 62A62 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| 78003180 PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" | | | |
|----------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 612+48 | 612+62 | LT/RT | 120 |
| TOTAL | | | 120 |

| 78100100 RAISED REFLECTIVE PAVEMENT MARKER | | | |
|---------------------------------------------------------|--------|---------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+37 | 608+00 | RT / LT | 38 |
| TOTAL | | | 38 |

| 78200100 MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR (AMBER) | | | |
|--------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 103+45 | 118+20 | RT | 19 |
| 103+45 | 118+30 | LT | 40 |
| SUBTOTAL | | | 59 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 205+16 | 216+99 | LT | 64 |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 609+50 | LT | 50 |
| I-57 (S-CURVE NEAR 107TH STREET) COOK COUNTY | | | |
| 702+02 | 739+14 | RT | 76 |
| 713+08 | 752+54 | LT | 58 |
| SUBTOTAL | | | 134 |
| I-290 (S-CURVE NEAR KOSTNER AVENUE) COOK COUNTY | | | |
| 801+84 | 829+52 | RT | 69 |
| 806+00 | 829+52 | LT | 57 |
| SUBTOTAL | | | 126 |
| TOTAL | | | 433 |

| 78200100 MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR (CRYSTAL) | | | |
|----------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 204+42 | 213+44 | RT | 54 |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+17 | 609+50 | RT | 40 |
| TOTAL | | | 94 |

| 78200200 BIDIRECTIONAL PRISMATIC BARRIER REFLECTOR (CRYSTAL) | | | |
|--------------------------------------------------------------|--------|---------------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 103+45 | 118+20 | EXPRESS LN-RT | 19 |
| 103+45 | 118+50 | EXPRESS LN-LT | 40 |
| TOTAL | | | 59 |

| 78200200 BIDIRECTIONAL PRISMATIC BARRIER REFLECTOR (AMBER-CRYSTAL) | | | |
|--------------------------------------------------------------------|--------|---------------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 103+45 | 118+20 | EXPRESS LN-RT | 19 |
| TOTAL | | | 19 |

| 78200410 GUARDRAIL MARKERS, TYPE A | | | |
|----------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 116+03 | 117+06 | RT | 4 |
| I-57 (S-CURVE NEAR 107TH STREET) COOK COUNTY | | | |
| 713+86 | 723+84 | LT | 4 |
| TOTAL | | | 8 |

| 78201000 TERMINAL MARKER - DIRECT APPLIED | | | |
|-------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 116+03 | 116+03 | RT | 1 |
| TOTAL | | | 1 |

| 78200530 BARRIER WALL MARKERS, TYPE C | | | |
|-------------------------------------------------------------|-----------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 AT ADDISON STREET COOK COUNTY | | | |
| 115+14.31 | 117+19.93 | RT | 9 |
| I-90/94 EASTBOUND TO OHIO STREET EASTBOUND RAMP COOK COUNTY | | | |
| 203+57.86 | 204+43.35 | RT | 5 |
| 203+55.91 | 205+20.17 | LT | 7 |
| SUBTOTAL | | | 12 |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 606+33.13 | 607+47.96 | LT | 6 |
| TOTAL | | | 27 |

| 78300100 PAVEMENT MARKING REMOVAL | | | |
|---------------------------------------------------------|--------|---------|---------------|
| FROM | TO | OFFSET | TOTAL (SQ FT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 609+50 | 612+62 | RT / LT | 925 |
| TOTAL | | | 925 |

| 78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | | | |
|---------------------------------------------------------|--------|---------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 602+37 | 608+00 | RT / LT | 30 |
| TOTAL | | | 30 |

| 81200130 CONDUIT EMBEDDED IN STRUCTURE, 2 1/2" DIA., GALVANIZED STEEL | | | |
|-----------------------------------------------------------------------|----|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 607+07.30 | | LT | 6 |
| TOTAL | | | 6 |

| 81200240 CONDUIT EMBEDDED IN STRUCTURE, 2 1/2" DIA., PVC | | | |
|----------------------------------------------------------|-----------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 607+07.30 | 607+69.70 | LT | 65 |
| TOTAL | | | 65 |

| 81702400 ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2 | | | |
|---------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 606+88 | 608+66 | LT | 235 |
| CONTINGENCY | | | 100 |
| TOTAL | | | 335 |
| ENGINEER TO APPROVE USE OF CONTINGENCY | | | |

| 81702140 ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4 | | | |
|-------------------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 606+88 | 608+66 | LT | 235 |
| CONTINGENCY | | | 100 |
| TOTAL | | | 335 |
| ENGINEER TO APPROVE USE OF CONTINGENCY | | | |

| X8130125 REMOVE EXISTING JUNCTION BOX | | | |
|---------------------------------------------------------|-----------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 607+07.30 | 607+07.30 | LT | 1 |
| TOTAL | | | 1 |

| 89502300 REMOVE ELECTRIC CABLE FROM CONDUIT | | | |
|---------------------------------------------------------|--------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 606+88 | 608+66 | LT | 670 |
| TOTAL | | | 670 |

| 81300550 JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6" | | | |
|-------------------------------------------------------------------------------|-----------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (EACH) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 607+07.30 | 607+07.30 | LT | 1 |
| TOTAL | | | 1 |

| Z0033028 MAINTENANCE OF LIGHTING SYSTEM | | | |
|---------------------------------------------------------|----|--------|----------------|
| FROM | TO | OFFSET | TOTAL (CAL MO) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| ENTIRE JOB SITE | | LT | 2 |
| TOTAL | | | 2 |

| X0326364 TEMPORARY AERIAL CABLE WITH MESSENGER WIRE | | | |
|---------------------------------------------------------|-----------|--------|--------------|
| FROM | TO | OFFSET | TOTAL (FOOT) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| 606+88.10 | 608+66.10 | LT | 260 |
| TOTAL | | | 260 |

| Z0048665 RAILROAD PROTECTIVE LIABILITY INSURANCE | | | |
|---------------------------------------------------------|----|--------|---------------|
| FROM | TO | OFFSET | TOTAL (L SUM) |
| I-90/94 WESTBOUND TO CERMAK RD RAMP S-CURVE COOK COUNTY | | | |
| ENTIRE JOB SITE | | | 1 |
| TOTAL | | | 1 |

FILE NAME = W06_HSIP.schedule-04.dgn
Default

USER NAME = Steve
PLOT SCALE = 100.0000' / 1" =
PLOT DATE = 5/12/2015

DESIGNED - SMS
DRAWN - SVJ
CHECKED - DGW
DATE -

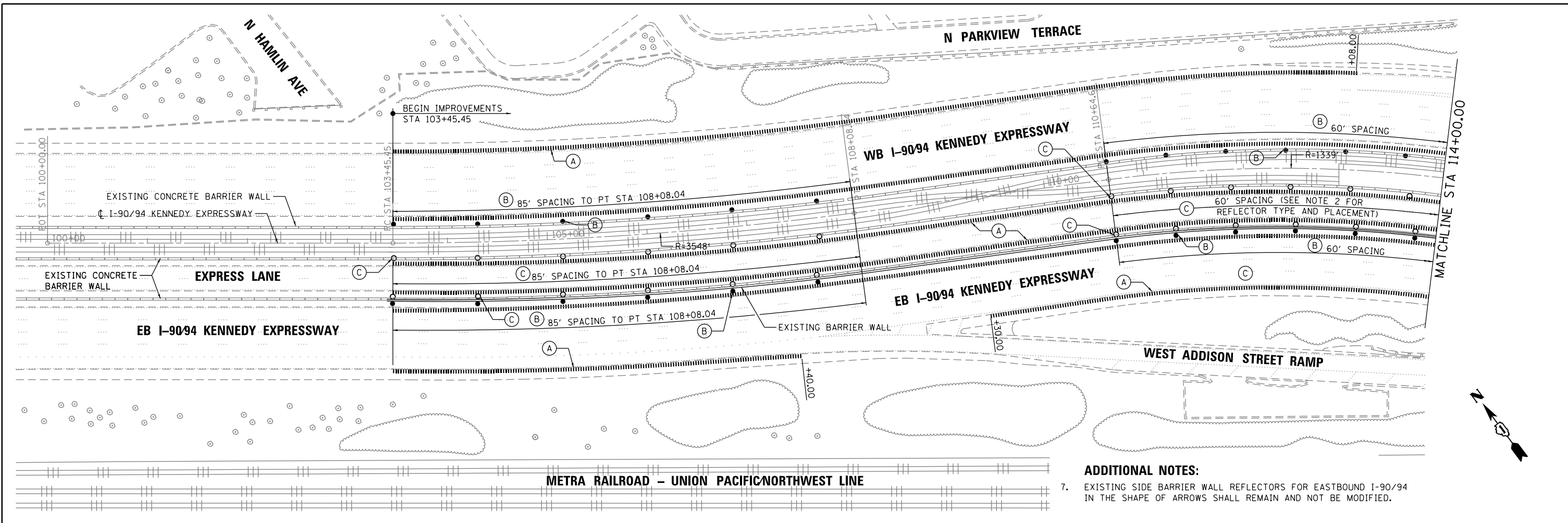
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

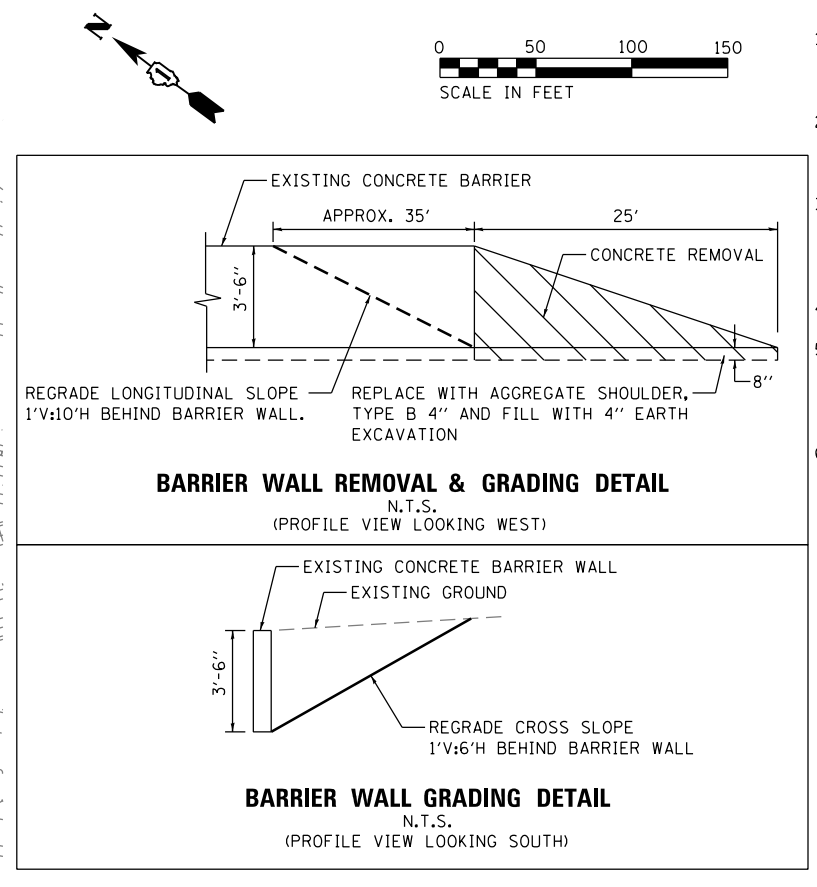
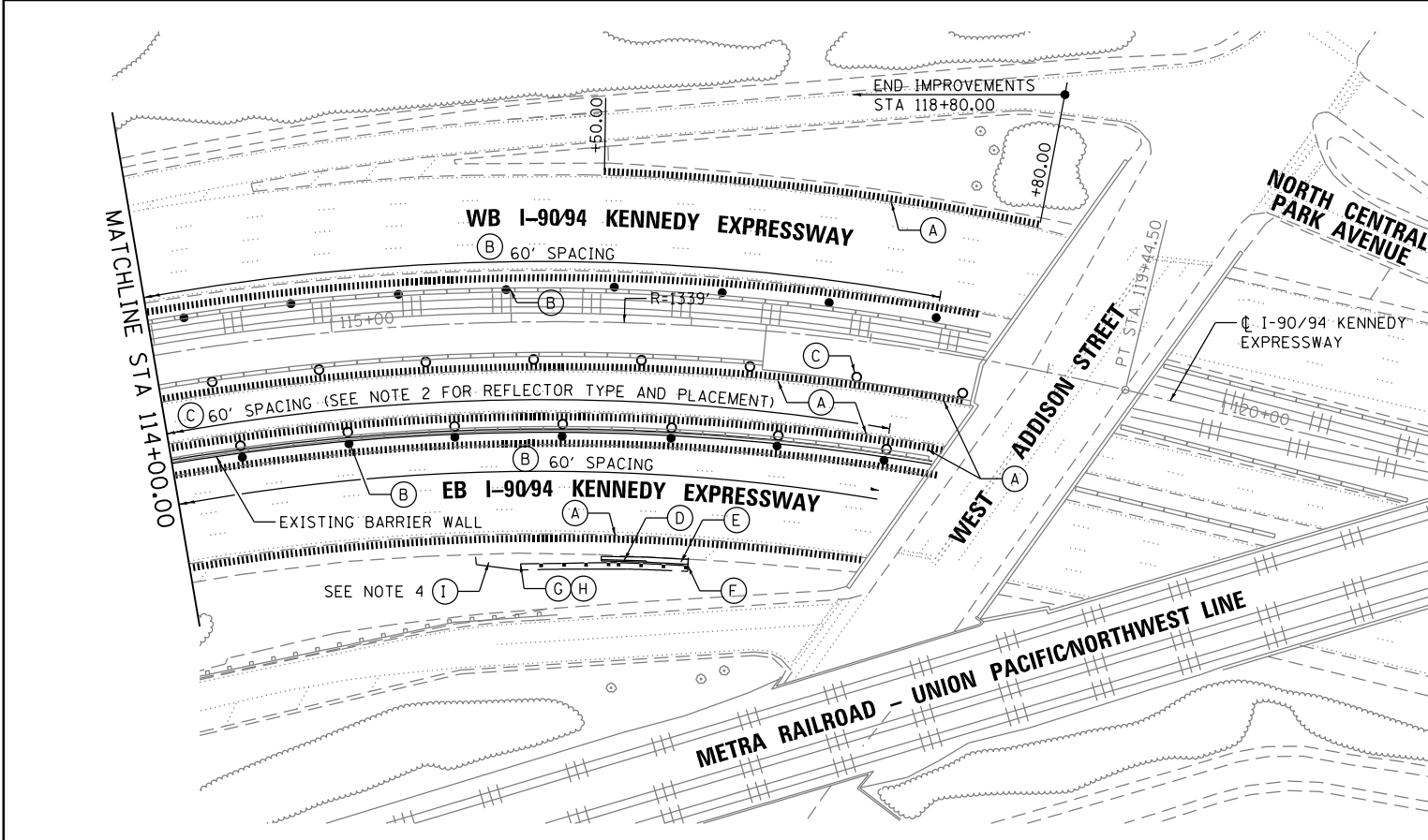
SCALE: SHEET 10 OF 29 SHEETS STA. TO STA.

F.A. RTÉ. SECTION COUNTY TOTAL SHEETS SHEET NO.
VAR. 2015-0081 VAR. 29 10
CONTRACT NO. 62A62
ILLINOIS FED. AID PROJECT



ADDITIONAL NOTES:

- EXISTING SIDE BARRIER WALL REFLECTORS FOR EASTBOUND I-90/94 IN THE SHAPE OF ARROWS SHALL REMAIN AND NOT BE MODIFIED.



NOTES:

- THE EXISTING CENTERLINE AND BASELINE ALIGNMENTS HAVE NOT BEEN SURVEYED. THE ALIGNMENTS ARE SHOWN AT APPROXIMATE LOCATIONS BASED ON AERIAL MAPPING.
- REFLECTORS ARE TO BE PLACED ON THE TOP AND SIDES OF BARRIER WALLS. REFLECTORS ON THE TOP AND EXPRESS LANE SIDES OF THE BARRIER WALLS ARE TO BE BIDIRECTIONAL.
- THE COLOR OF THE REFLECTORS SHALL BE THE SAME AS THE ADJACENT EDGE LINE, EXCEPT THE BIDIRECTIONAL REFLECTORS ON TOP OF THE SHARED BARRIER WALL BETWEEN EB I-90/94 AND THE EXPRESS LANES ARE TO BE AMBER/CRYSTAL, RESPECTIVELY.
- AGGREGATE SHOULDER TO HAVE MAXIMUM SLOPE OF 1:10 (V:H).
- CONTRACTOR TO INSTALL TEMPORARY BARRIER WALL WITH TEMPORARY IMPACT ATTENUATOR PRIOR TO THE REMOVAL OF EXISTING BARRIER WALL. TEMPORARY BARRIER WALL TO HAVE 12:1 FLARE RATE AND TWO FEET MINIMUM OFFSET FROM TRAVELED LANE.
- SAWCUT FOR CONCRETE REMOVAL PER ARTICLE 501.05.

| LEGEND | |
|--------|---------------------------------------------------------------|
| (A) | SHOULDER RUMBLE STRIPS, 16 INCH (64200116) |
| (B) | MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS (78200100) |
| (C) | BIDIRECTIONAL PRISMATIC BARRIER REFLECTORS (78200200) |
| (D) | CONCRETE REMOVAL (50102400) |
| (E) | PAVED SHOULDER REMOVAL (44004250) |
| (F) | TRAFFIC BARRIER TERMINAL, TYPE 6B (63100089) |
| (G) | TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (63100167) |
| (H) | TERMINAL MARKER - DIRECT APPLIED (78201000) |
| (I) | AGGREGATE SHOULDER, TYPE B 4" (48101498) |

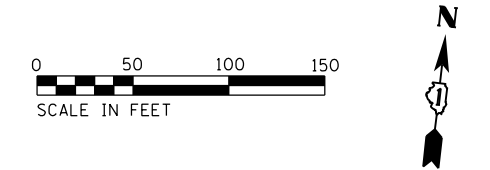
| | | | |
|----------------------------------------|-------------------|----------------|-----------|
| FILE NAME = W06_HSIP_L01_plan01.dgn | USER NAME = Steve | DESIGNED - SMS | REVISED - |
| | | DRAWN - SVJ | REVISED - |
| | | CHECKED - DGW | REVISED - |
| | | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

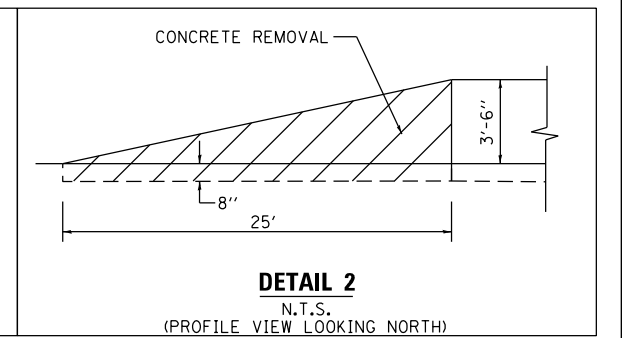
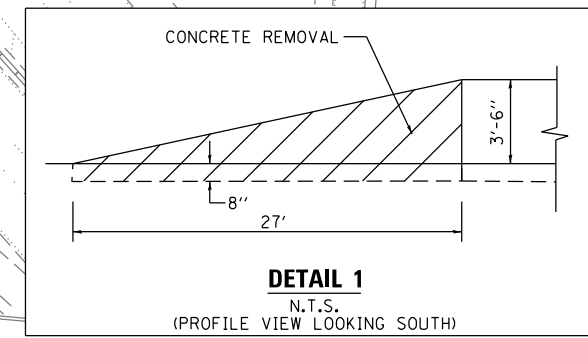
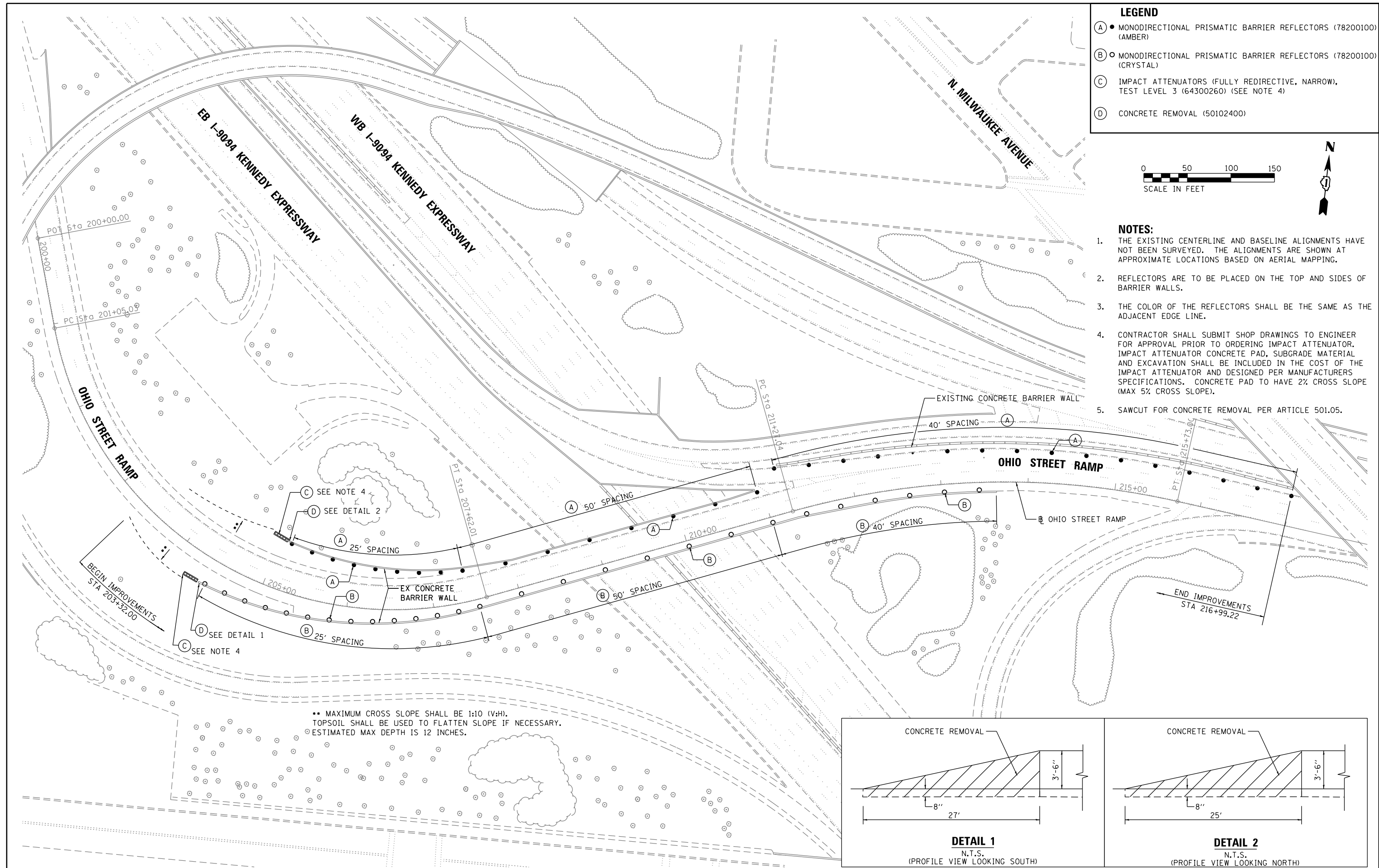
**I-90/94 (KENNEDY EXPRESSWAY) CURVE AT ADDISON STREET
ROADWAY PLAN**

| | | | | |
|---------------------------|-----------|--------|--------------|-----------|
| F.A. RTÉ. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2015-008I | VAR. | 29 | 11 |
| CONTRACT NO. 62A62 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

- LEGEND**
- (A) ● MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS (78200100) (AMBER)
 - (B) ○ MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS (78200100) (CRYSTAL)
 - (C) ○ IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 (64300260) (SEE NOTE 4)
 - (D) ○ CONCRETE REMOVAL (50102400)

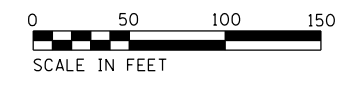


- NOTES:**
1. THE EXISTING CENTERLINE AND BASELINE ALIGNMENTS HAVE NOT BEEN SURVEYED. THE ALIGNMENTS ARE SHOWN AT APPROXIMATE LOCATIONS BASED ON AERIAL MAPPING.
 2. REFLECTORS ARE TO BE PLACED ON THE TOP AND SIDES OF BARRIER WALLS.
 3. THE COLOR OF THE REFLECTORS SHALL BE THE SAME AS THE ADJACENT EDGE LINE.
 4. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO ORDERING IMPACT ATTENUATOR. IMPACT ATTENUATOR CONCRETE PAD, SUBGRADE MATERIAL AND EXCAVATION SHALL BE INCLUDED IN THE COST OF THE IMPACT ATTENUATOR AND DESIGNED PER MANUFACTURERS SPECIFICATIONS. CONCRETE PAD TO HAVE 2% CROSS SLOPE (MAX 5% CROSS SLOPE).
 5. SAWCUT FOR CONCRETE REMOVAL PER ARTICLE 501.05.



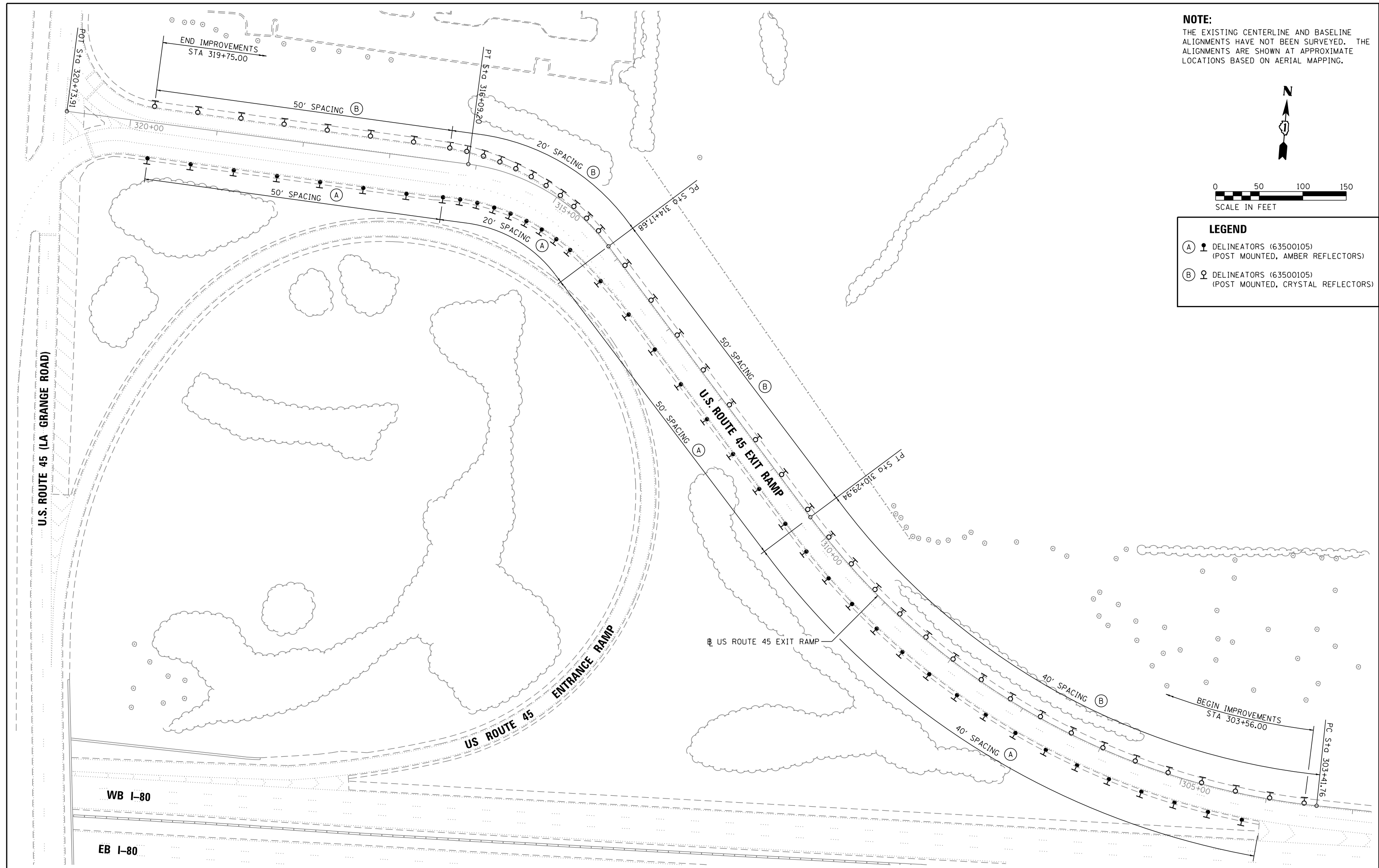
| | | | | | | | | | | | | |
|----------------------------------------|------------------------------|----------------|-----------|-----------------------------------------------------------|--------------------------------------------------------------------|-----------------------|----------------------------------|-----------|-----------|--------|--------------|-----------|
| FILE NAME = W06_HSIP_L02_plan01.dgn | USER NAME = Steve | DESIGNED - SMS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-90/94 EASTBOUND TO OHIO STREET EXIT RAMP ROADWAY PLAN | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| Default | PLOT SCALE = 100.0000' / in. | DRAWN - SVJ | REVISED - | | SCALE: 1"=50' | SHEET 12 OF 29 SHEETS | STA. 203+32.00 TO STA. 216+99.22 | VAR. | 2015-008I | VAR. | 29 | 12 |
| | PLOT DATE = 5/12/2015 | CHECKED - DGW | REVISED - | | CONTRACT NO. 62A62 | | | | | | | |
| | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |

NOTE:
 THE EXISTING CENTERLINE AND BASELINE ALIGNMENTS HAVE NOT BEEN SURVEYED. THE ALIGNMENTS ARE SHOWN AT APPROXIMATE LOCATIONS BASED ON AERIAL MAPPING.

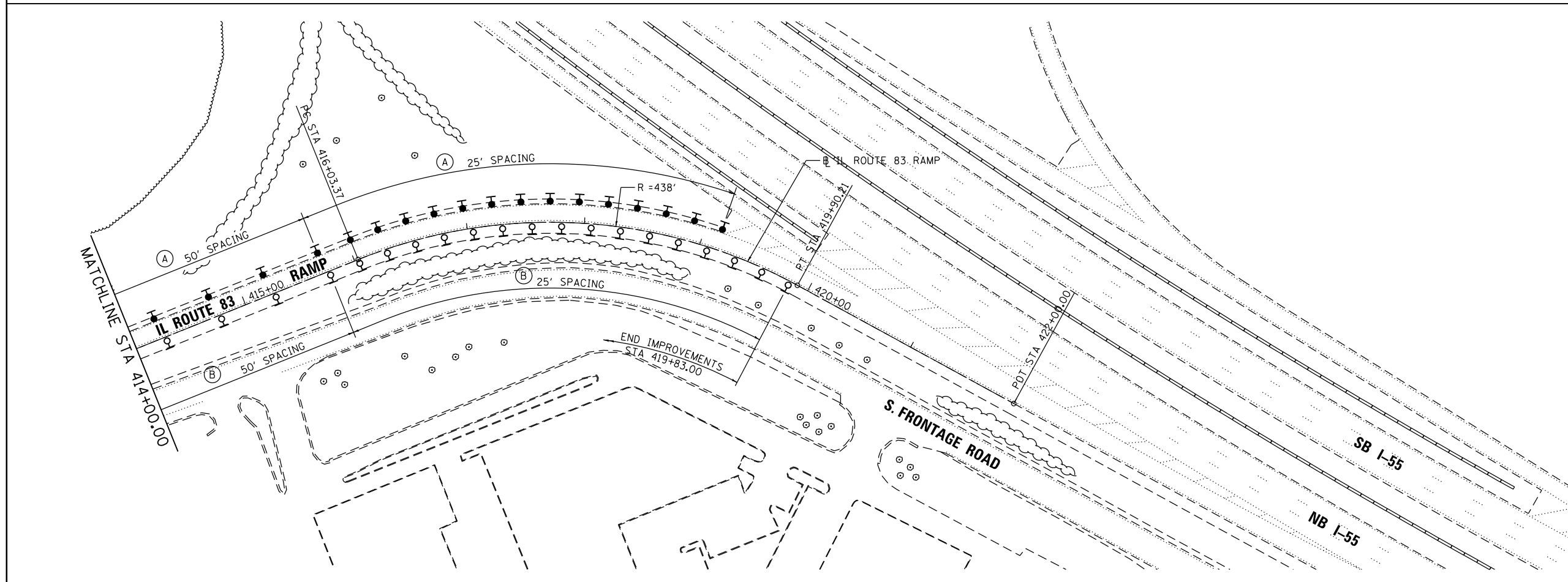
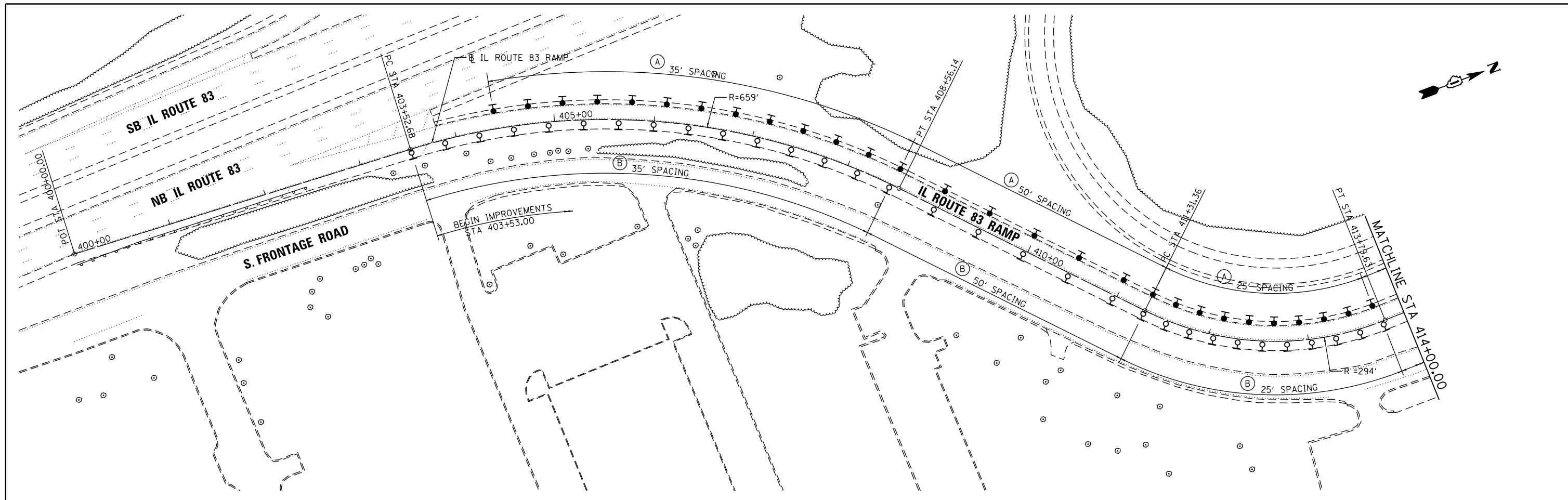


LEGEND

| | |
|-----|-------------------------------------------------------------|
| (A) | DELINATORS (63500105) (POST MOUNTED, AMBER REFLECTORS) |
| (B) | DELINATORS (63500105) (POST MOUNTED, CRYSTAL REFLECTORS) |



| | | | | | | | | | | | | |
|----------------------------------------|------------------------------|----------------|-----------|-----------------------------------------------------------|-----------------------------------------------------------------|-----------------------|----------------------------------|-------------------------------------------------|-----------|--------|--------------|-----------|
| FILE NAME = W06_HSIP_L03_plan01.dgn | USER NAME = Steve | DESIGNED - SMS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-80 WESTBOUND TO US ROUTE 45 EXIT RAMP ROADWAY PLAN | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 100.0000' / in. | CHECKED - DGW | REVISED - | | SCALE: 1"=50' | SHEET 13 OF 29 SHEETS | STA. 303+56.00 TO STA. 319+75.00 | VAR. | 2015-008I | VAR. | 29 | 13 |
| Default | PLOT DATE = 5/12/2015 | DATE - | REVISED - | | | | | CONTRACT NO. 62A62 ILLINOIS FED. AID PROJECT | | | | |



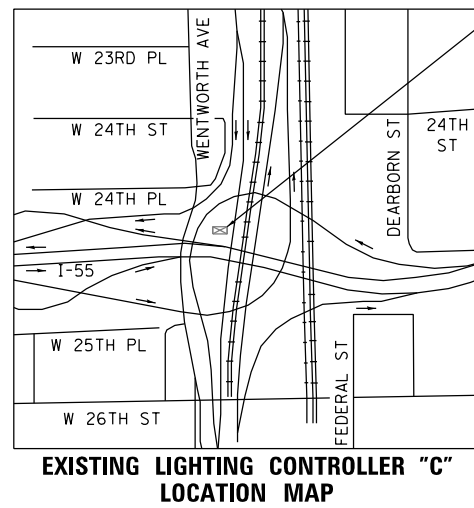
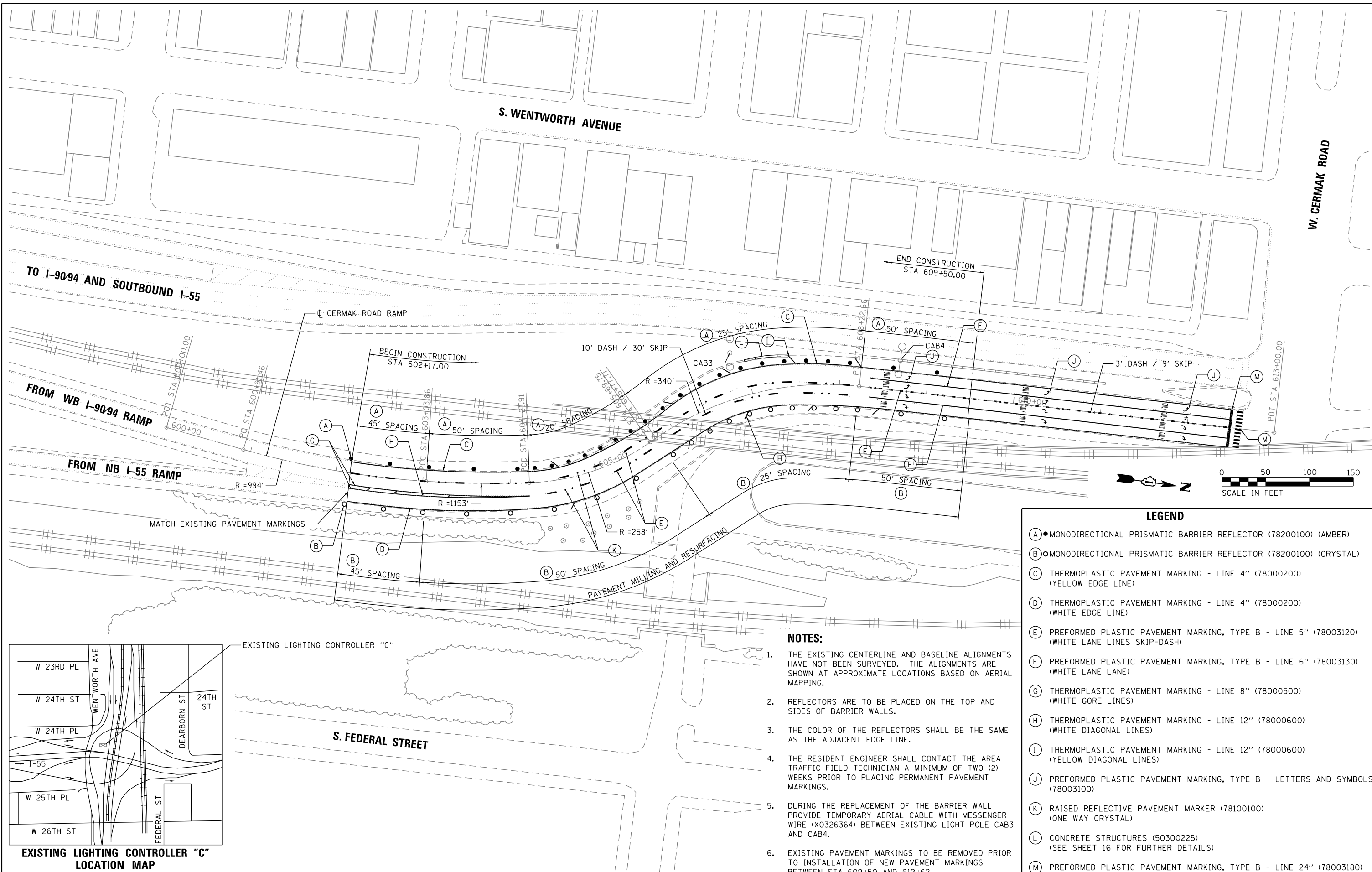
LEGEND

| | |
|-----|--------------------------------------------------------------|
| (A) | DELINEATORS (63500105) (POST MOUNTED, AMBER REFLECTORS) |
| (B) | DELINEATORS (63500105) (POST MOUNTED, CRYSTAL REFLECTORS) |



NOTE:
THE EXISTING CENTERLINE AND BASELINE ALIGNMENTS HAVE NOT BEEN SURVEYED. THE ALIGNMENTS ARE SHOWN AT APPROXIMATE LOCATIONS BASED ON AERIAL MAPPING.

| | | | | | | | | | | | | |
|----------------------------------------|------------------------------|----------------|-----------|----------------------------------------------------------------------------|------------------------------------------------------------------------|--|-----------------------------------------------------|-----------|-----------|--------|--------------|-----------|
| FILE NAME = W06_HSIP_L04.plan01.dgn | USER NAME = Steve | DESIGNED - SMS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | IL ROUTE 83 NORTHBOUND TO I-55 NORTHBOUND RAMP ROADWAY PLAN | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 100.0000' / in. | CHECKED - DGW | REVISED - | | | | | VAR. | 2015-008I | VAR. | 29 | 14 |
| Default | PLOT DATE = 5/13/2015 | DATE - | REVISED - | SCALE: 1"=50' SHEET 14 OF 29 SHEETS STA. 403+53.00 TO STA. 419+83.00 | | | ILLINOIS FED. AID PROJECT CONTRACT NO. 62A62 | | | | | |



LEGEND

- (A) ● MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR (78200100) (AMBER)
- (B) ○ MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR (78200100) (CRYSTAL)
- (C) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) (YELLOW EDGE LINE)
- (D) THERMOPLASTIC PAVEMENT MARKING - LINE 4" (78000200) (WHITE EDGE LINE)
- (E) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 5" (78003120) (WHITE LANE LINES SKIP-DASH)
- (F) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6" (78003130) (WHITE LANE LANE)
- (G) THERMOPLASTIC PAVEMENT MARKING - LINE 8" (78000500) (WHITE GORE LINES)
- (H) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) (WHITE DIAGONAL LINES)
- (I) THERMOPLASTIC PAVEMENT MARKING - LINE 12" (78000600) (YELLOW DIAGONAL LINES)
- (J) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS (78003100)
- (K) RAISED REFLECTIVE PAVEMENT MARKER (78100100) (ONE WAY CRYSTAL)
- (L) CONCRETE STRUCTURES (50300225) (SEE SHEET 16 FOR FURTHER DETAILS)
- (M) PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24" (78003180)

- NOTES:**
1. THE EXISTING CENTERLINE AND BASELINE ALIGNMENTS HAVE NOT BEEN SURVEYED. THE ALIGNMENTS ARE SHOWN AT APPROXIMATE LOCATIONS BASED ON AERIAL MAPPING.
 2. REFLECTORS ARE TO BE PLACED ON THE TOP AND SIDES OF BARRIER WALLS.
 3. THE COLOR OF THE REFLECTORS SHALL BE THE SAME AS THE ADJACENT EDGE LINE.
 4. THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD TECHNICIAN A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.
 5. DURING THE REPLACEMENT OF THE BARRIER WALL, PROVIDE TEMPORARY AERIAL CABLE WITH MESSENGER WIRE (X0326364) BETWEEN EXISTING LIGHT POLE CAB3 AND CAB4.
 6. EXISTING PAVEMENT MARKINGS TO BE REMOVED PRIOR TO INSTALLATION OF NEW PAVEMENT MARKINGS BETWEEN STA 609+50 AND 612+62.

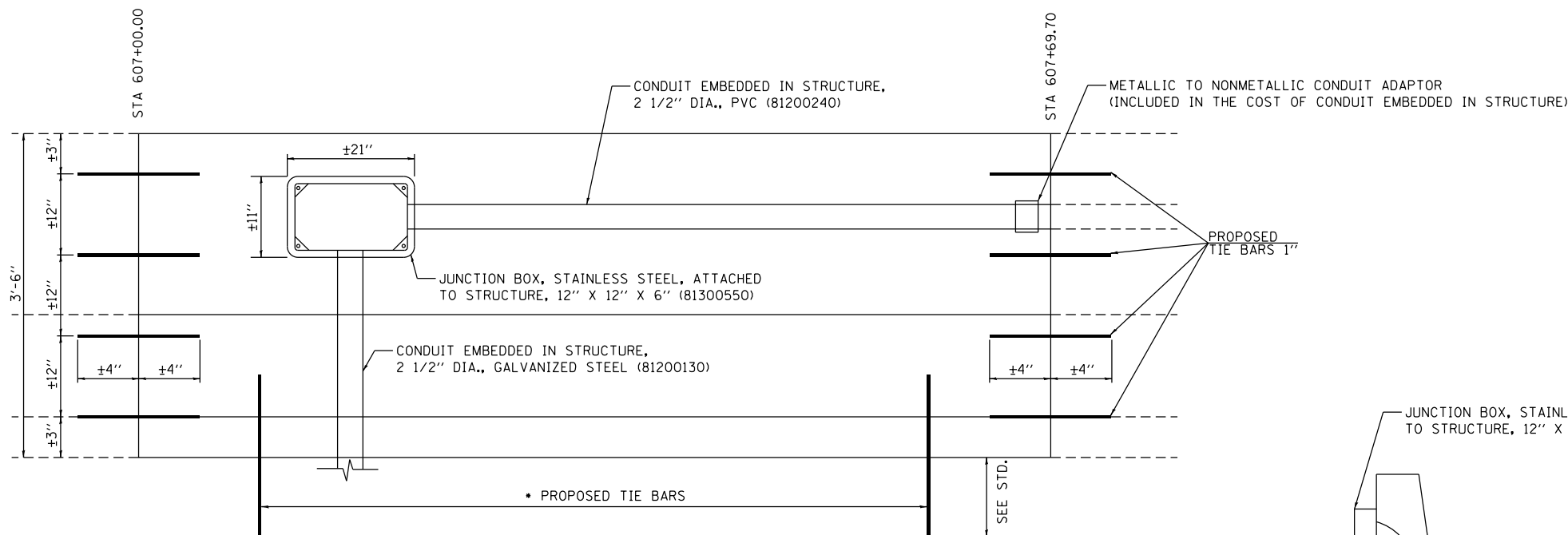
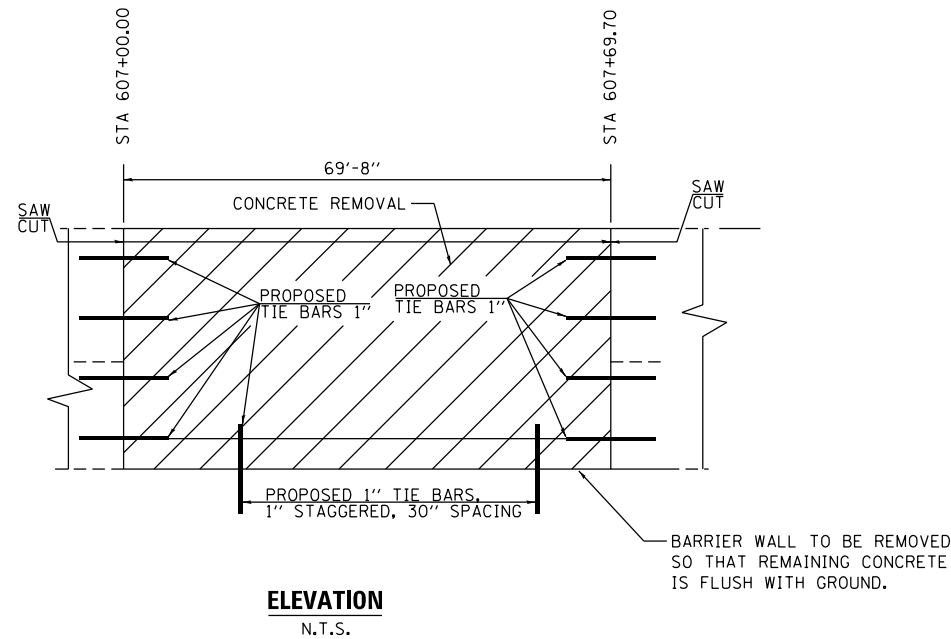
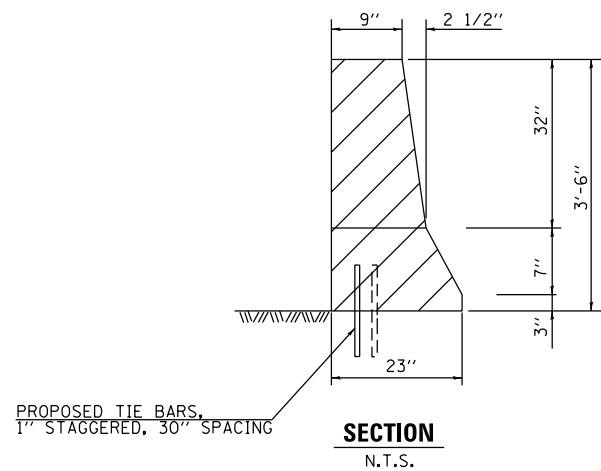
| | | | |
|----------------------------------------|-------------------|----------------|-----------|
| FILE NAME = W06_HSIP_L06_plan01.dgn | USER NAME = Steve | DESIGNED - SMS | REVISED - |
| | | DRAWN - SVJ | REVISED - |
| | | CHECKED - DGW | REVISED - |
| | | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-9094 WESTBOUND TO CERMAK ROAD RAMP S-CURVE
ROADWAY PLAN**

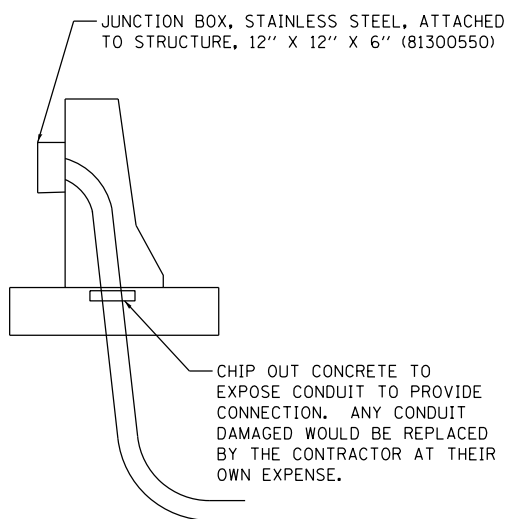
SCALE: 1"=50' SHEET 15 OF 29 SHEETS STA. 602+17.00 TO STA. 609+50.00

| | | | | |
|---------------------------|-----------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2015-008I | VAR. | 29 | 15 |
| CONTRACT NO. 62A62 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



NOTES:

1. REPLACE THE ELECTRIC CABLE IN CONDUIT BETWEEN THE LIGHT POLES CAB3 AND CB4 (LABELED ON SHEET 15) WITH THE FOLLOWING:
 ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2 (81702400)
 ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4 (81702140)
 •GROUND TO HAVE GREEN INSULATION.
2. CONTRACTOR TO MAINTAIN EXISTING LIGHTING THROUGHOUT THE LENGTH OF CONSTRUCTION. THIS WORK IS TO BE PAID FOR AS MAINTAIN EXISTING LIGHTING SYSTEM (20033028).
3. CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND CONDUIT SIZES BEFORE BEGINNING WORK.
4. CONTRACTOR TO MARK THE LIMITS OF BARRIER WALL REMOVAL FOR ENGINEER APPROVAL PRIOR TO REMOVAL OPERATION.
5. BEFORE STARTING ANY BARRIER WALL REPAIR WORK, THE CONTRACTOR SHALL CONTACT MEADE ELECTRIC AT (773) 287-7600 (EXT. 2) TO REQUEST ELECTRIC LOCATES IN THE AREA.



BILL OF MATERIALS

| ITEM | UNIT | QUANTITY |
|---------------------|---------|----------|
| CONCRETE REMOVAL | CU. YDS | 9.3 |
| CONCRETE STRUCTURES | CU. YDS | 9.3 |
| TIE BARS | EACH | 37 |
| SAW CUT | FOOT | 7.2 |
| PROTECTIVE COAT | SQ. YDS | 64.2 |

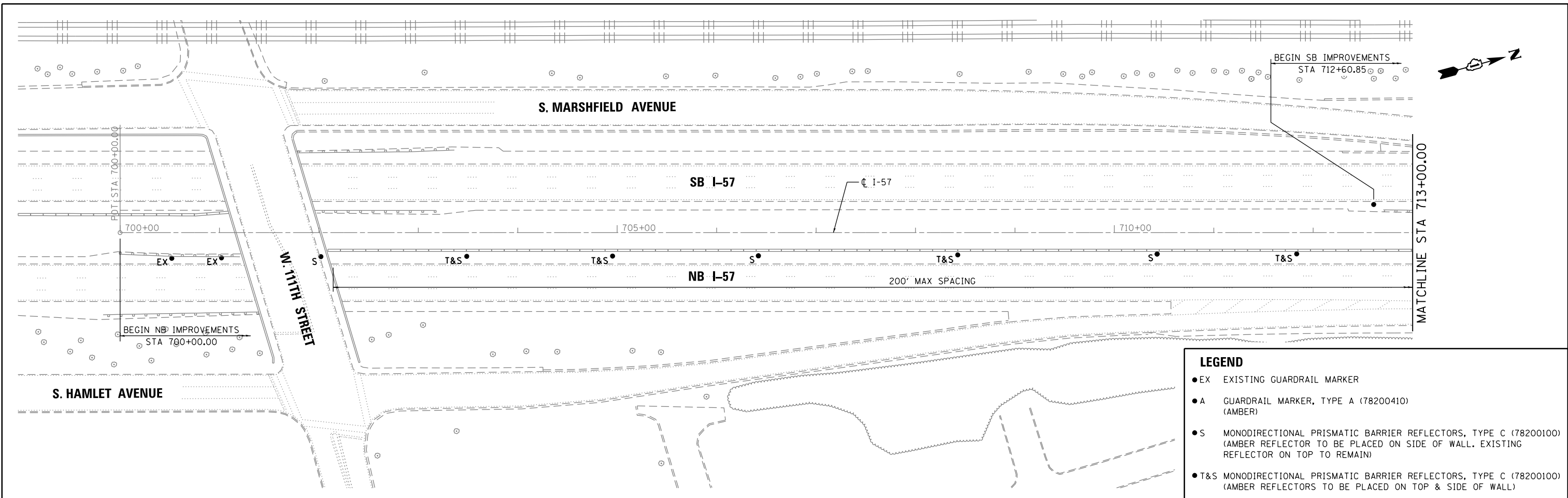
| | | | |
|----------------------------------------|------------------------------|----------------|-----------|
| FILE NAME = W06_HSIP_L06_plan02.dgn | USER NAME = Steve | DESIGNED - SMS | REVISED - |
| Default | PLOT SCALE = 100.0000' / in. | DRAWN - SVJ | REVISED - |
| | PLOT DATE = 5/12/2015 | CHECKED - DGW | REVISED - |
| | | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-9094 WESTBOUND TO CERMAK ROAD RAMP S-CURVE
ROADWAY PLAN**

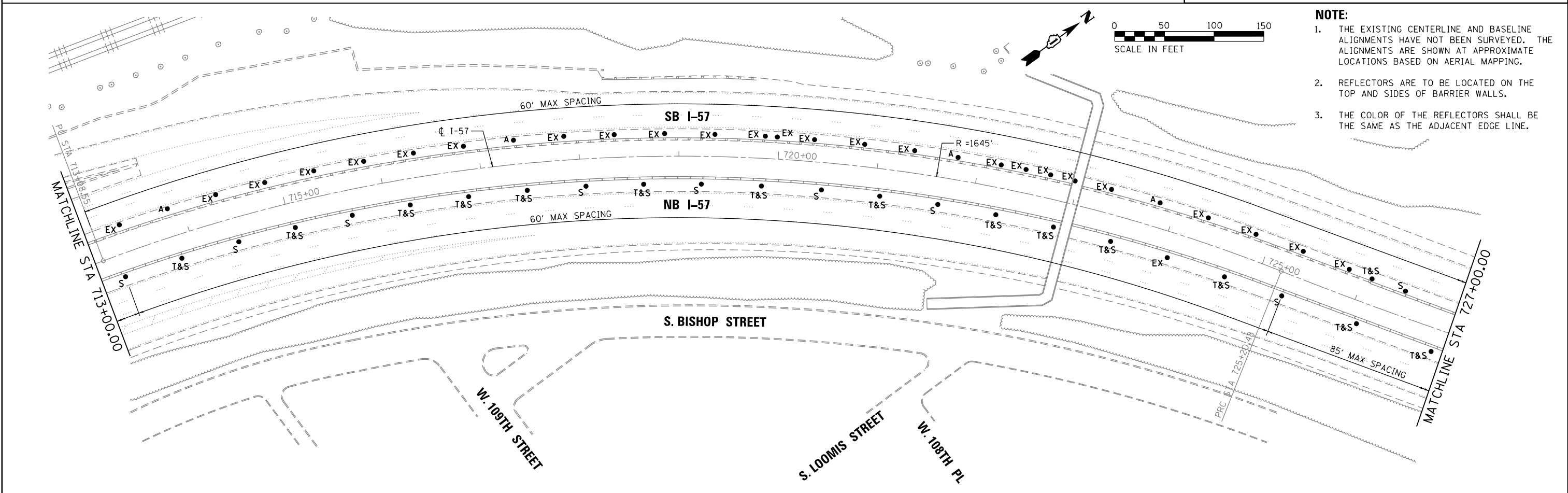
SCALE: NTS SHEET 16 OF 29 SHEETS STA. TO STA.

| | | | | |
|---------------------------|-----------|--------|--------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2015-008I | VAR. | 29 | 16 |
| | | | CONTRACT NO. 62A62 | |
| ILLINOIS FED. AID PROJECT | | | | |

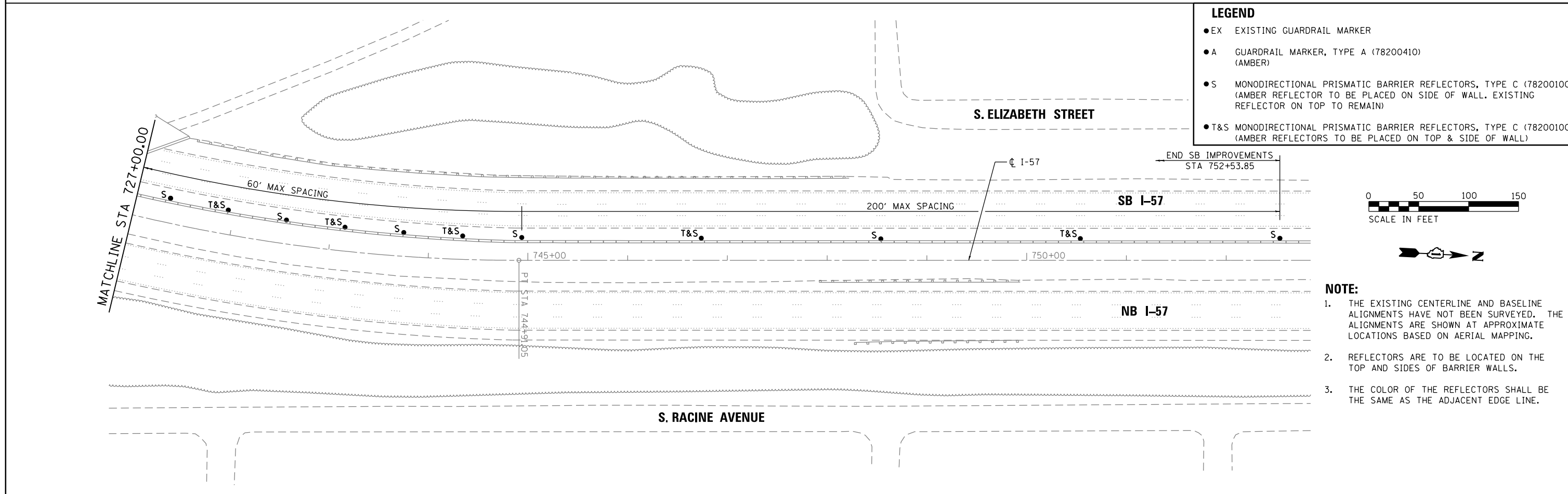
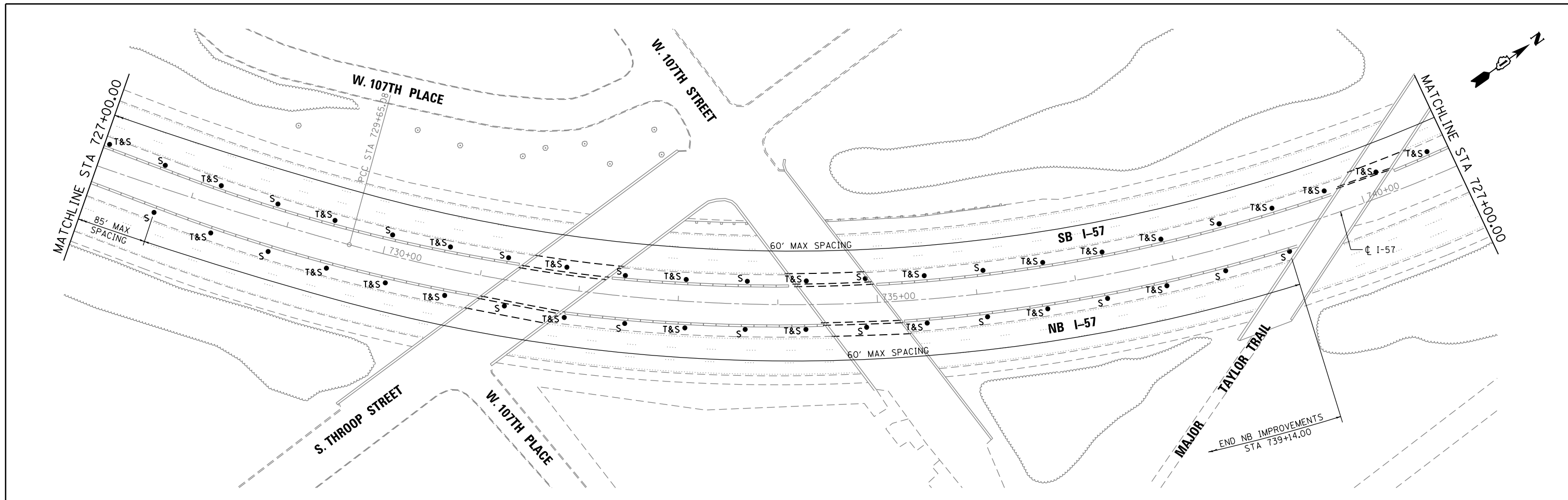


LEGEND

- EX EXISTING GUARDRAIL MARKER
- A GUARDRAIL MARKER, TYPE A (78200410) (AMBER)
- S MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS, TYPE C (78200100) (AMBER REFLECTOR TO BE PLACED ON SIDE OF WALL. EXISTING REFLECTOR ON TOP TO REMAIN)
- T&S MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS, TYPE C (78200100) (AMBER REFLECTORS TO BE PLACED ON TOP & SIDE OF WALL)



| | | | | | | | | | | | | |
|----------------------------------------|------------------------------|----------------|-----------|-----------------------------------------------------------|----------------------------------------------------------|-----------------------|----------------------------------|---------|-----------|--------------|-----------|----|
| FILE NAME = W06_HSIP_L07_plan01.dgn | USER NAME = Steve | DESIGNED - SMS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-57 (S-CURVE NEAR 107TH STREET) ROADWAY PLAN | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| Default | PLOT SCALE = 100.0000' / in. | DRAWN - SVJ | REVISED - | | SCALE: 1"=50' | SHEET 17 OF 29 SHEETS | STA. 700+00.00 TO STA. 727+00.00 | VAR. | 2015-008I | VAR. | 29 | 17 |
| | PLOT DATE = 5/12/2015 | CHECKED - DGW | REVISED - | | CONTRACT NO. 62A62 | | | | | | | |
| | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |



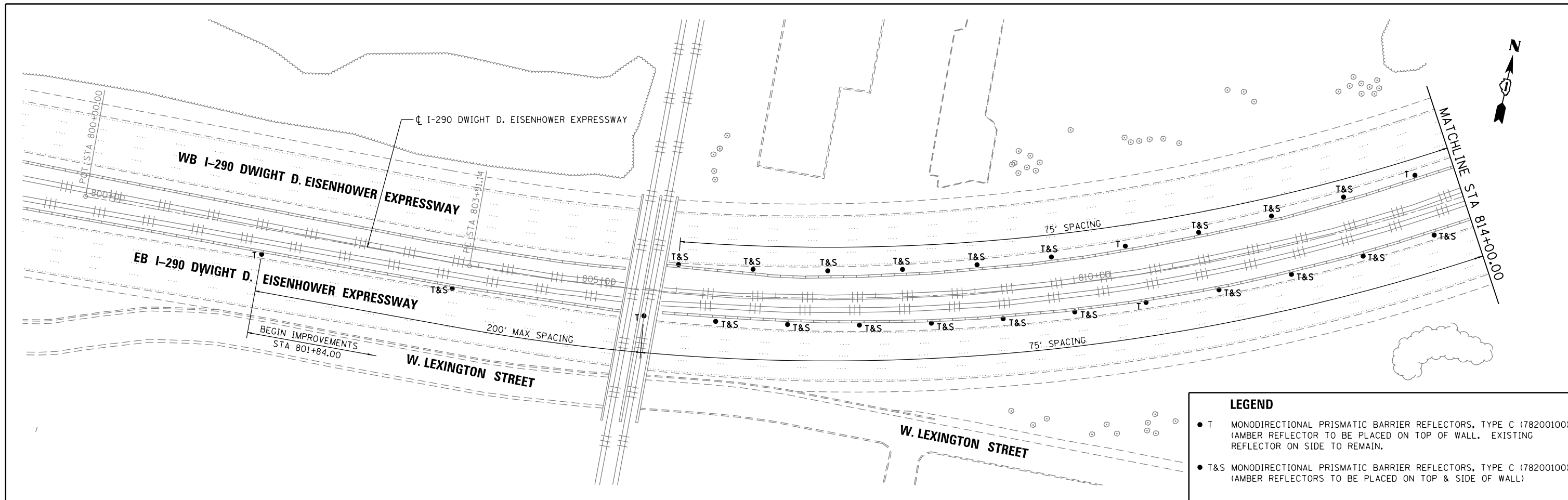
LEGEND

- EX EXISTING GUARDRAIL MARKER
- A GUARDRAIL MARKER, TYPE A (78200410) (AMBER)
- S MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS, TYPE C (78200100) (AMBER REFLECTOR TO BE PLACED ON SIDE OF WALL. EXISTING REFLECTOR ON TOP TO REMAIN)
- T&S MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS, TYPE C (78200100) (AMBER REFLECTORS TO BE PLACED ON TOP & SIDE OF WALL)



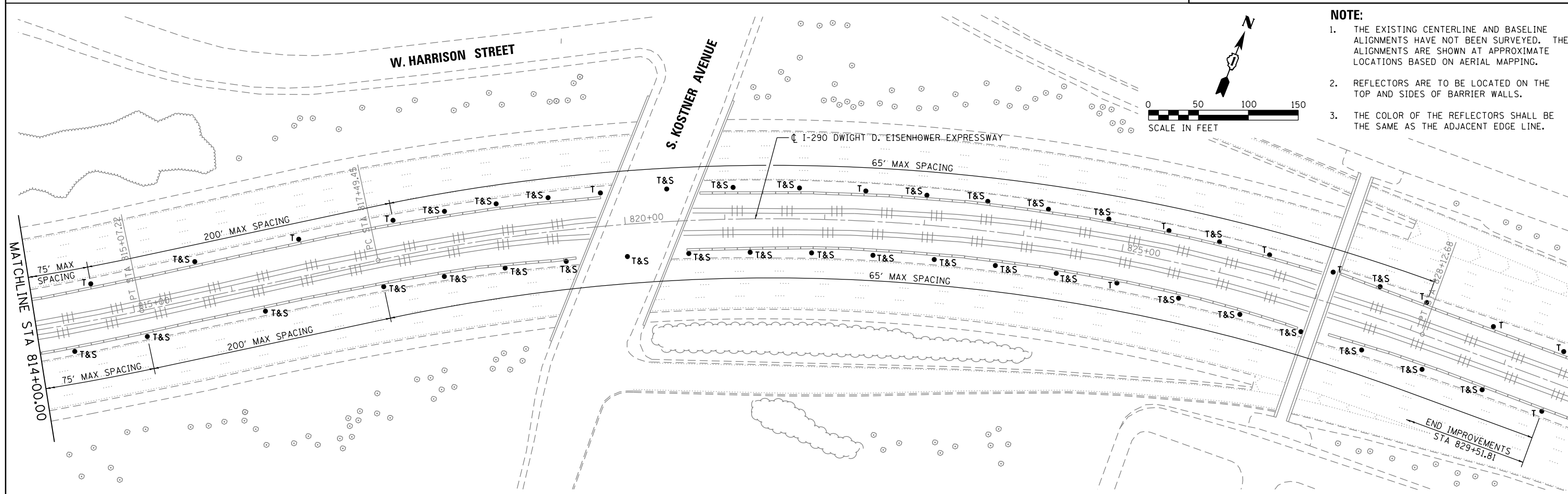
- NOTE:**
1. THE EXISTING CENTERLINE AND BASELINE ALIGNMENTS HAVE NOT BEEN SURVEYED. THE ALIGNMENTS ARE SHOWN AT APPROXIMATE LOCATIONS BASED ON AERIAL MAPPING.
 2. REFLECTORS ARE TO BE LOCATED ON THE TOP AND SIDES OF BARRIER WALLS.
 3. THE COLOR OF THE REFLECTORS SHALL BE THE SAME AS THE ADJACENT EDGE LINE.

| | | | | | | | | | | | | |
|----------------------------------------|------------------------------|----------------|-----------|-----------------------------------------------------------|----------------------------------------------------------|-----------------------|----------------------------------|--------------------|-----------|--------------|---------------------------|----|
| FILE NAME = W06_HSIP_L07_plan02.dgn | USER NAME = Steve | DESIGNED - SMS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-57 (S-CURVE NEAR 107TH STREET) ROADWAY PLAN | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| Default | PLOT SCALE = 100.0000' / in. | DRAWN - SVJ | REVISED - | | SCALE: 1"=50' | SHEET 18 OF 29 SHEETS | STA. 727+00.00 TO STA. 752+53.85 | VAR. | 2015-008I | VAR. | 29 | 18 |
| | PLOT DATE = 5/12/2015 | CHECKED - DGW | REVISED - | | | | | CONTRACT NO. 62A62 | | | ILLINOIS FED. AID PROJECT | |



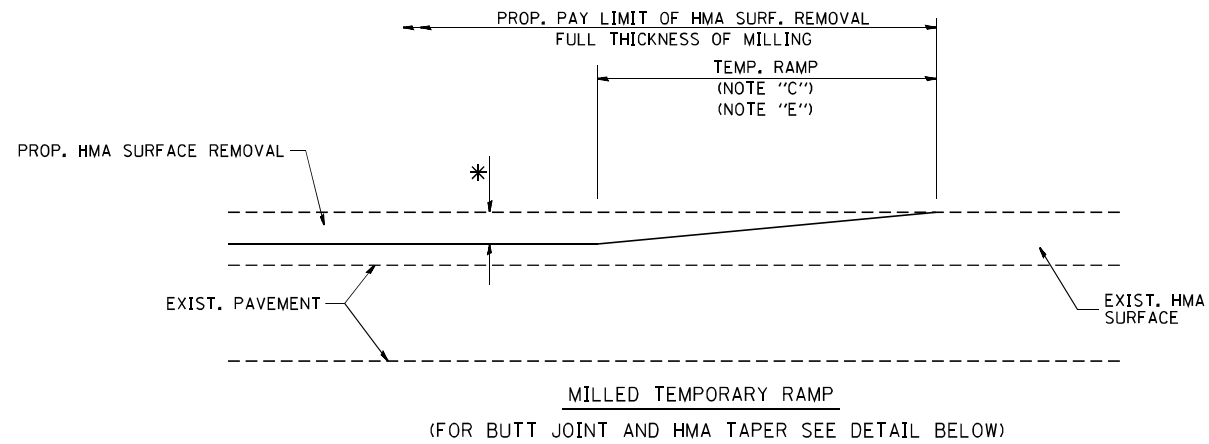
LEGEND

- T MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS, TYPE C (78200100) (AMBER REFLECTOR TO BE PLACED ON TOP OF WALL. EXISTING REFLECTOR ON SIDE TO REMAIN.)
- T&S MONODIRECTIONAL PRISMATIC BARRIER REFLECTORS, TYPE C (78200100) (AMBER REFLECTORS TO BE PLACED ON TOP & SIDE OF WALL)



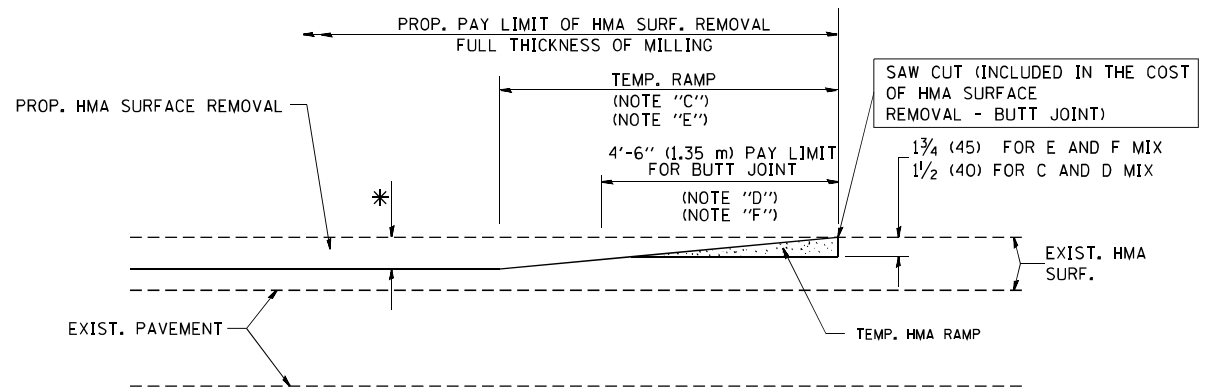
- NOTE:**
1. THE EXISTING CENTERLINE AND BASELINE ALIGNMENTS HAVE NOT BEEN SURVEYED. THE ALIGNMENTS ARE SHOWN AT APPROXIMATE LOCATIONS BASED ON AERIAL MAPPING.
 2. REFLECTORS ARE TO BE LOCATED ON THE TOP AND SIDES OF BARRIER WALLS.
 3. THE COLOR OF THE REFLECTORS SHALL BE THE SAME AS THE ADJACENT EDGE LINE.

| | | | | | | | | | | | | |
|----------------------------------------|------------------------------|----------------|-----------|-----------------------------------------------------------|-------------------------------------------------------------|-----------------------|-------------------------------------------------|-----------|-----------|--------|--------------|-----------|
| FILE NAME = W06_HSIP_L08_plan01.dgn | USER NAME = Steve | DESIGNED - SMS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | I-290 (S-CURVE NEAR KOSTNER AVENUE) ROADWAY PLAN | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 100.0000' / in. | CHECKED - DGW | REVISED - | | SCALE: 1"=50' | SHEET 19 OF 29 SHEETS | STA. 801+84.00 TO STA. 829+51.81 | VAR. | 2015-008I | VAR. | 29 | 19 |
| Default | PLOT DATE = 5/12/2015 | DATE - | REVISED - | | | | CONTRACT NO. 62A62 ILLINOIS FED. AID PROJECT | | | | | |



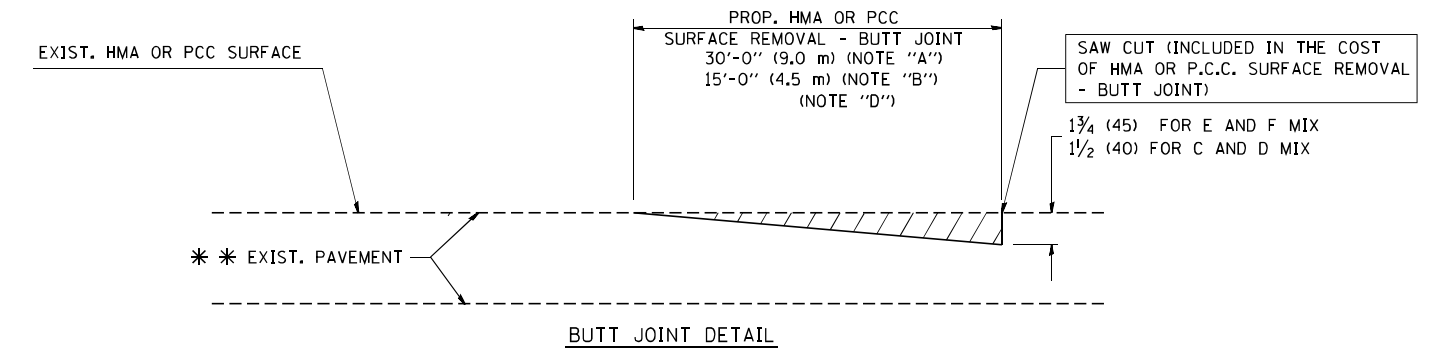
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

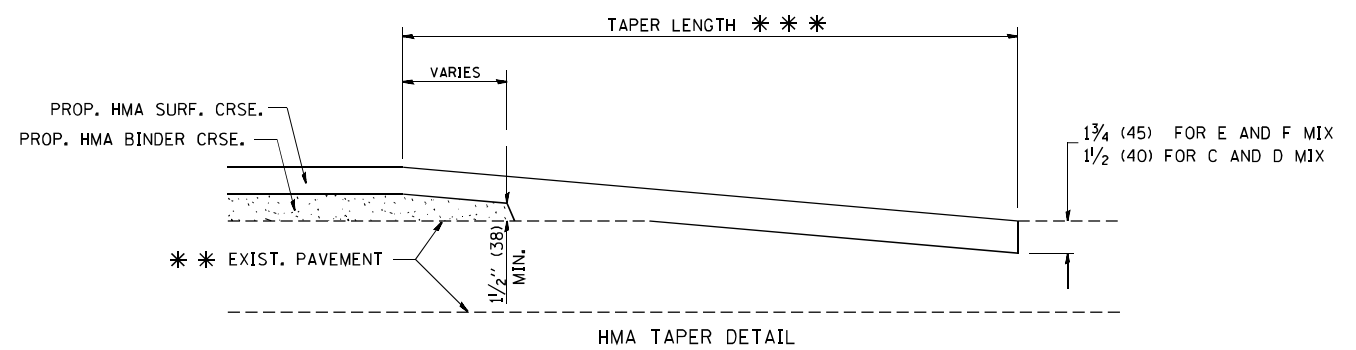


HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2
TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

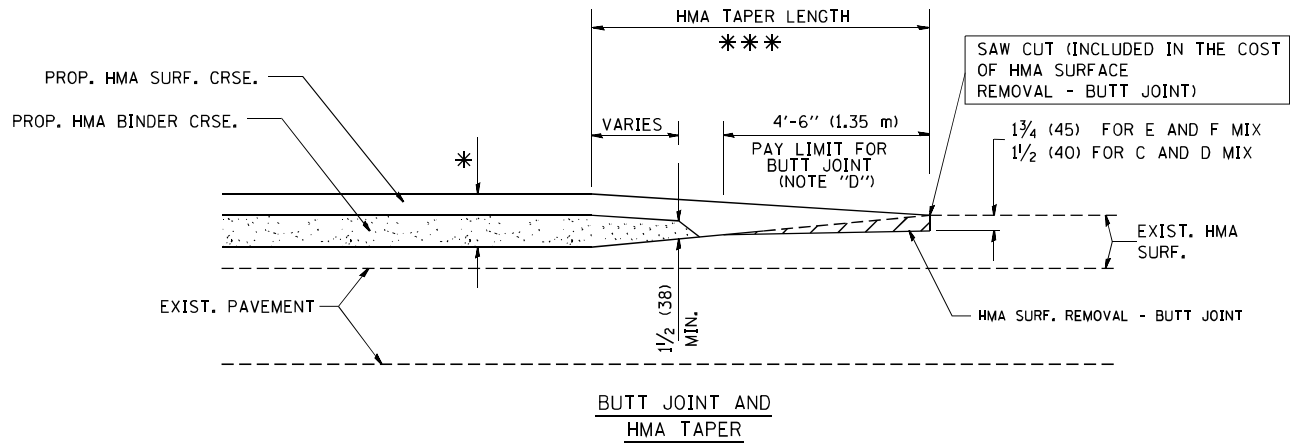
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

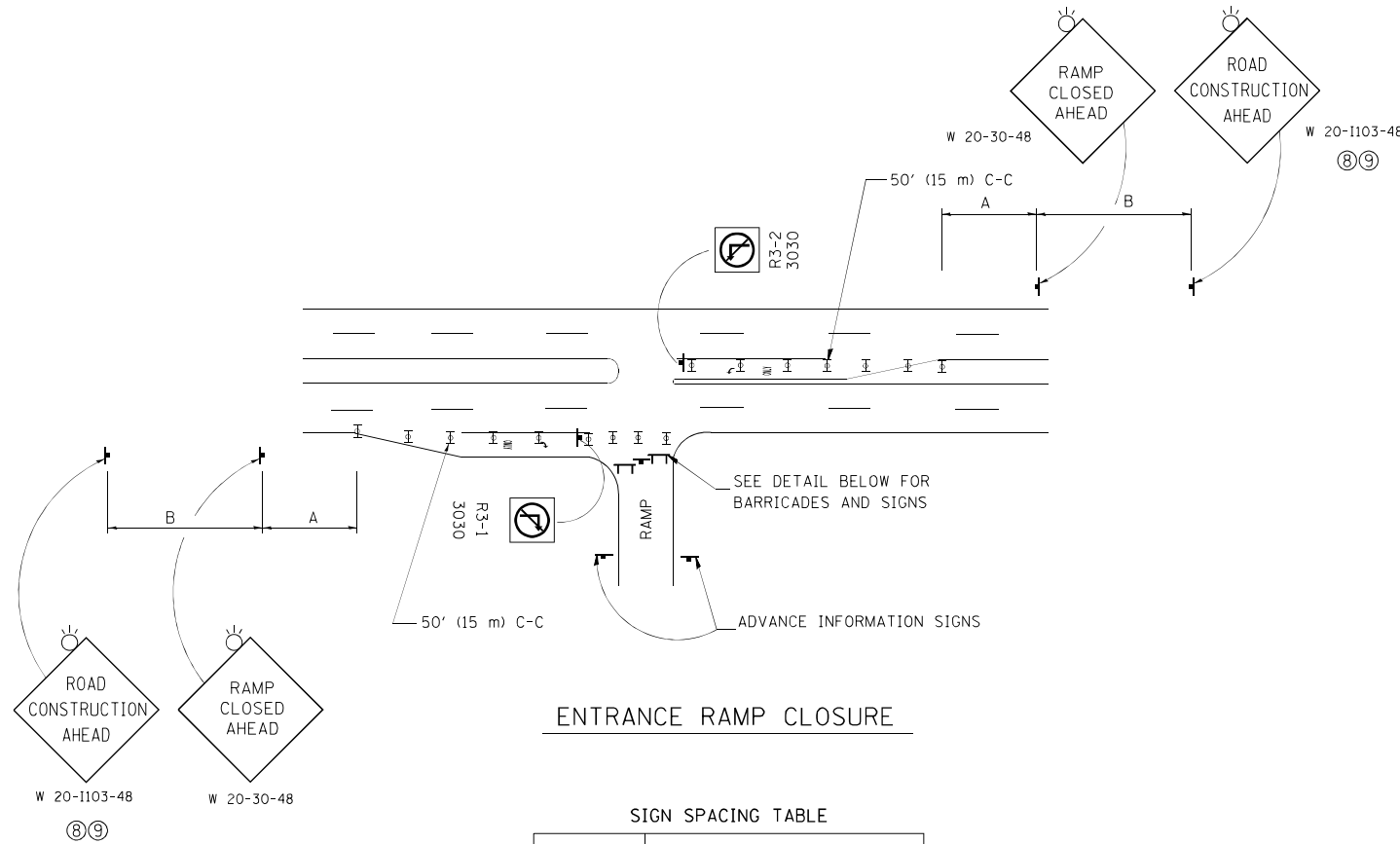
THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



BUTT JOINT AND HMA TAPER
TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING

| | | | | | | | | | | | | | |
|--------------------------------------|-----------------------|-----------------------------|-----------------------------|-----------------------------------------------------------|-------------------------------------------------|-------------------------|--------------|-----------|---------|-----------|--------------|-----------|----|
| FILE NAME = W:\dststd\22x34\bd32.dgn | USER NAME = geglianob | DESIGNED - M. DE YONG | REVISED - R. SHAH 10-25-94 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | BUTT JOINT AND HMA TAPER DETAILS | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - | REVISED - A. ABBAS 03-21-97 | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | VAR. | 2015-008I | VAR. | 29 | 20 |
| | | PLOT SCALE = 50.0000' / IN. | REVISED - M. GOMEZ 04-06-01 | | BD400-05 BD32 | | CONTRACT NO. | | 62A62 | | | | |
| | | PLOT DATE = 1/4/2008 | REVISED - R. BORO 01-01-07 | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | | |

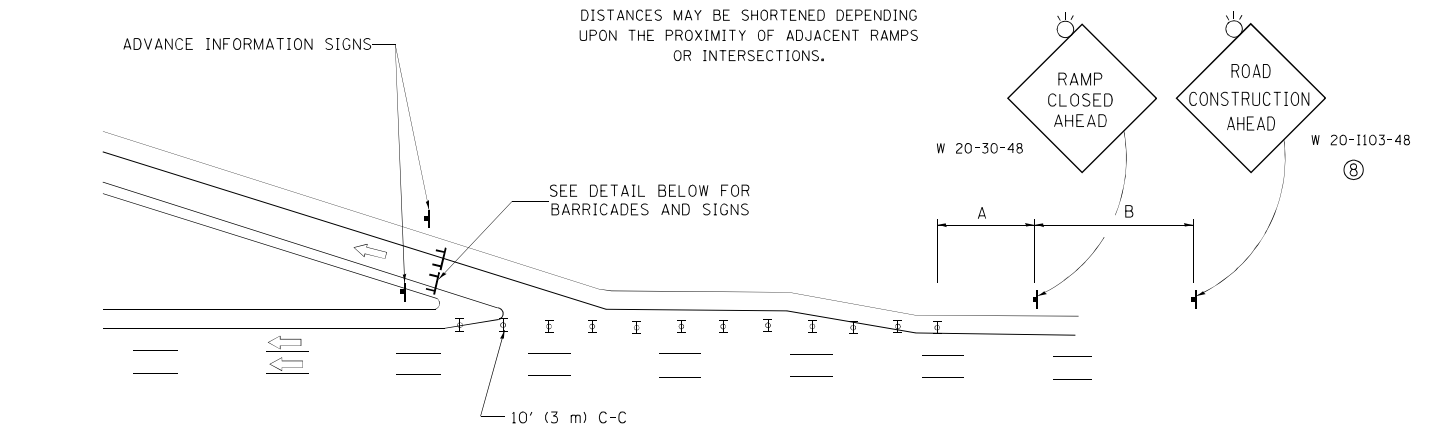


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

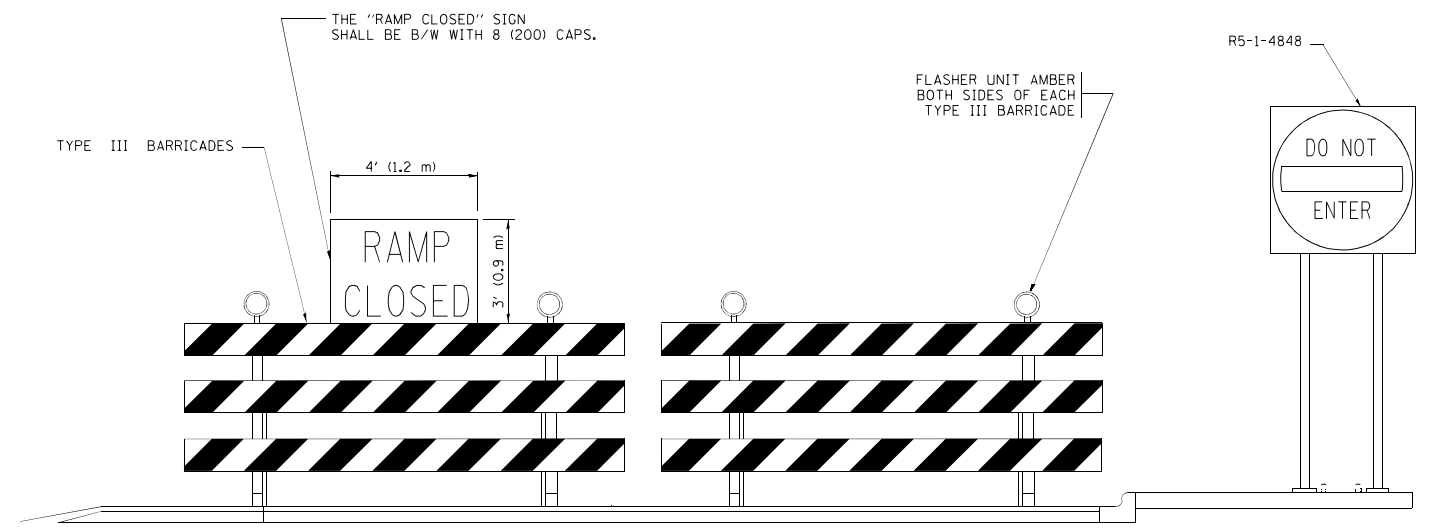
| FACILITY | DISTANCE BETWEEN SIGNS | |
|----------------------|------------------------|---------------|
| | A | B |
| EXPRESSWAY >24 HOURS | 1000' (300 m) | 1500' (450 m) |
| EXPRESSWAY <24 HOURS | 500' (150 m) | 500' (150 m) |
| ARTERIAL 55 MPH | 500' (150 m) | 500' (150 m) |
| ARTERIAL 50-45 MPH | 350' (100 m) | 350' (100 m) |
| ARTERIAL <45 MPH | 200' (60 m) | 200' (60 m) |

DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.

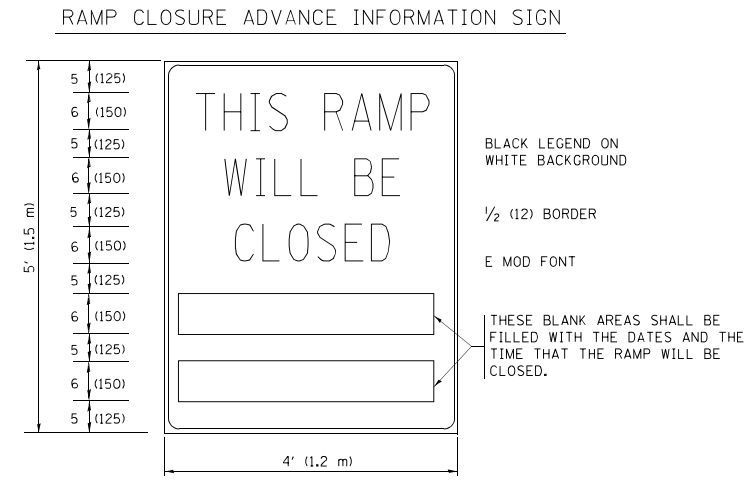
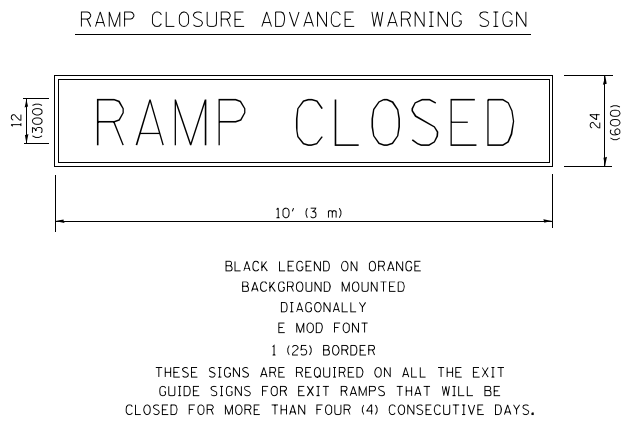


EXIT RAMP CLOSURE

- SYMBOLS**
- ▬ TYPE II BARRICADE OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
 - ⌈ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS



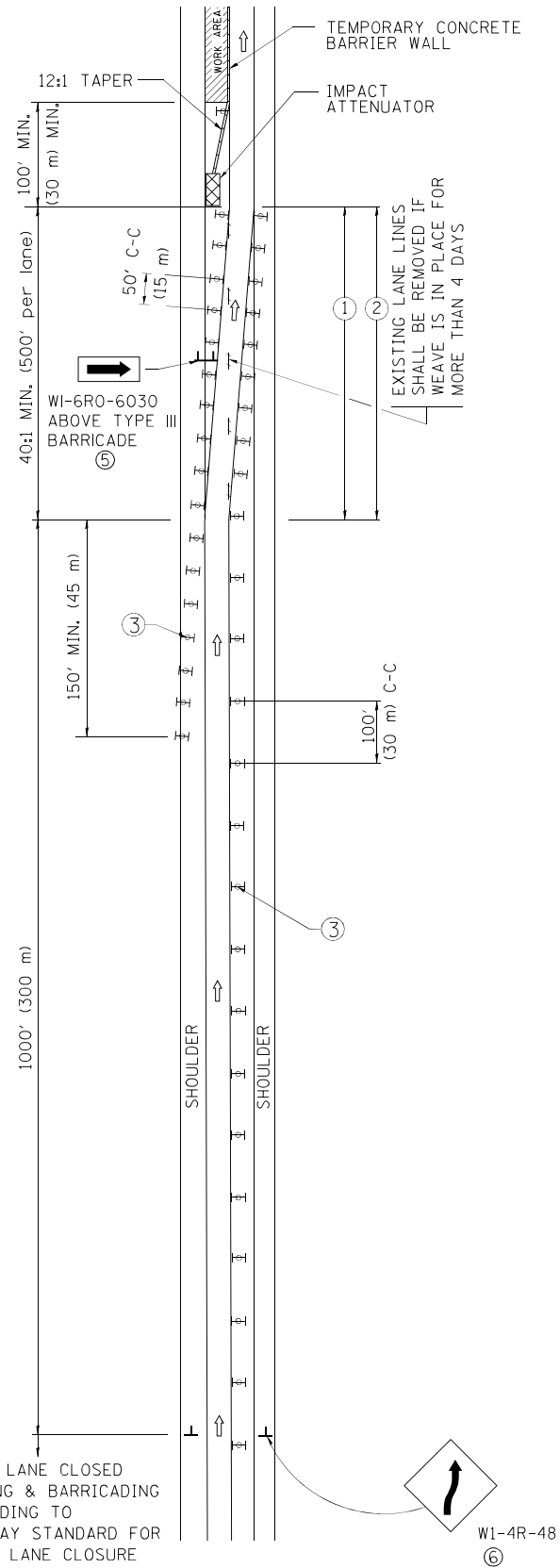
THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.
THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

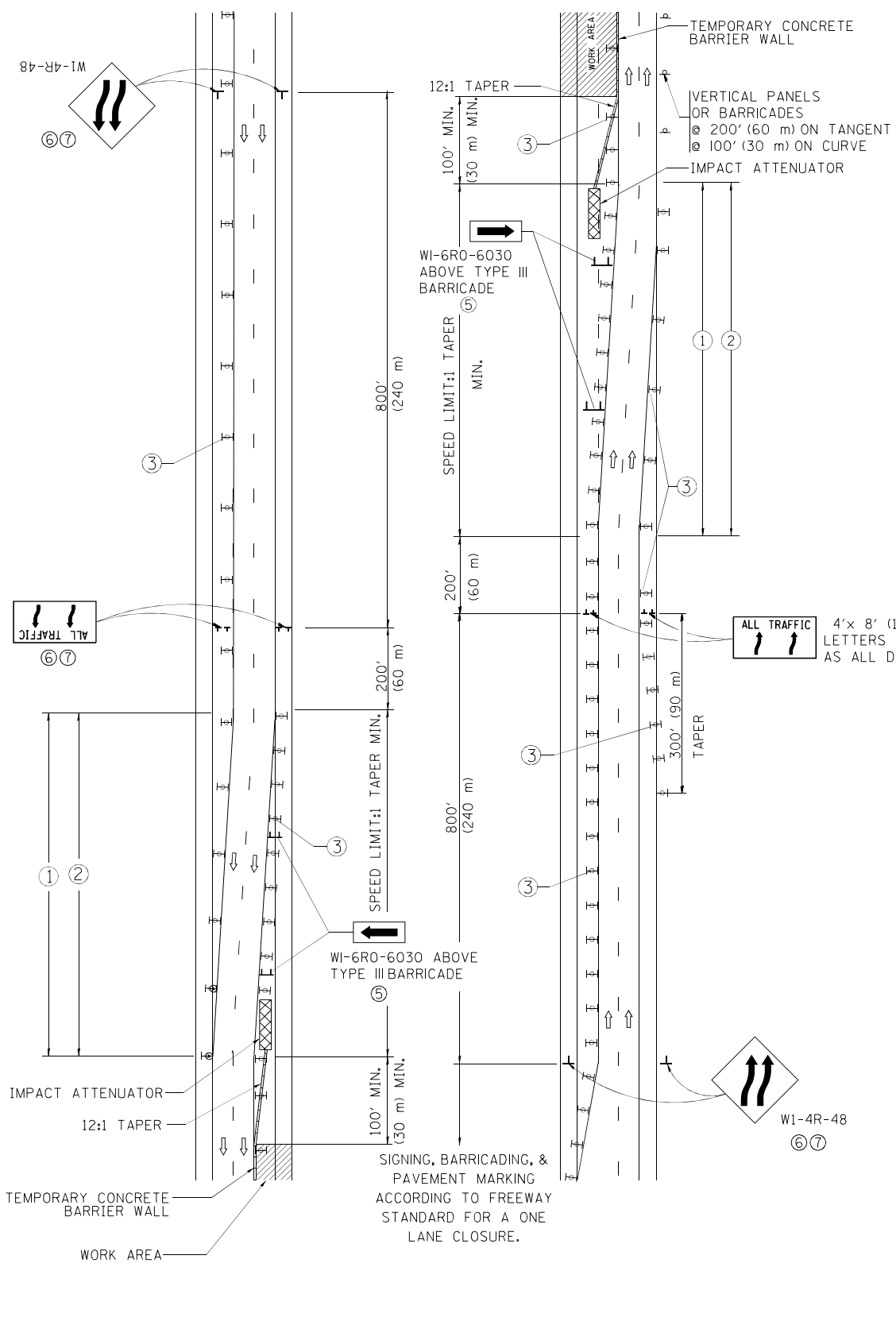
- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

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

SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES

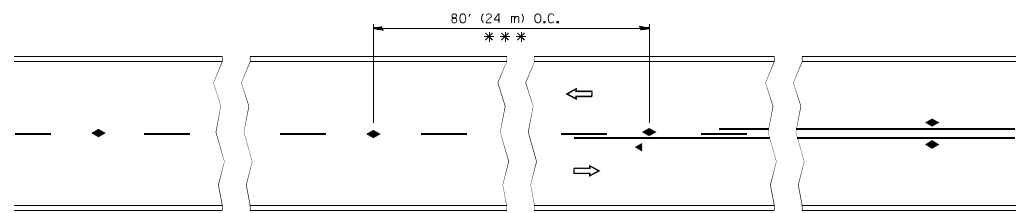
- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
- ② CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- ⑥ WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- ⑦ THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- W1-4R-48
- W24-1-48

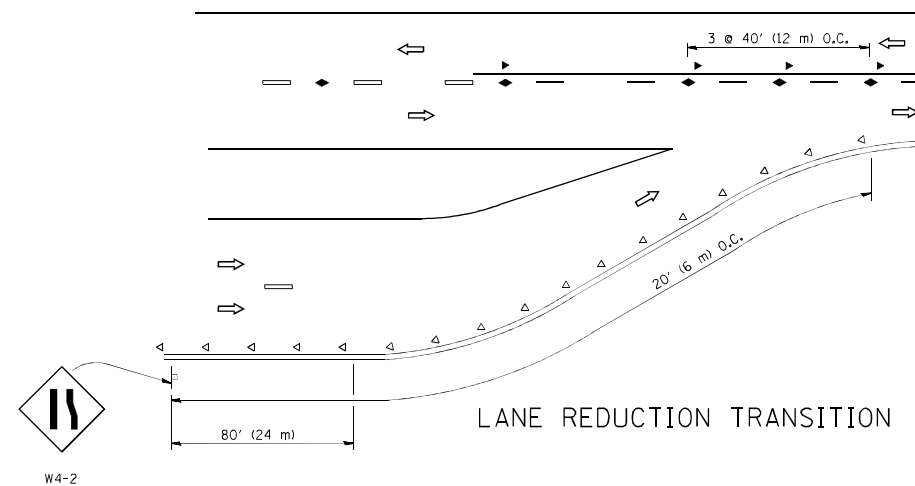
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

| | | | | | | | | | | | | | |
|-------------------------------------------------|---------------------|----------------|---------------------|-----------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|------|---------------------------|---------|-----------|--------------|-----------|----|
| FILE NAME = | USER NAME = footemj | DESIGNED - DWS | REVISED - JAF 02-06 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| ct:\paw_work\paw\paw\footemj\42108315\1\1\1.dgn | | DRAWN - | REVISED - SPB 01-07 | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | VAR. | 2015-0081 | VAR. | 29 | 22 |
| | | CHECKED - | REVISED - SPB 12-09 | | TC-09 | | | CONTRACT NO. 62A62 | | | | | |
| | | DATE - 02-87 | REVISED - MD 06-13 | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | | |

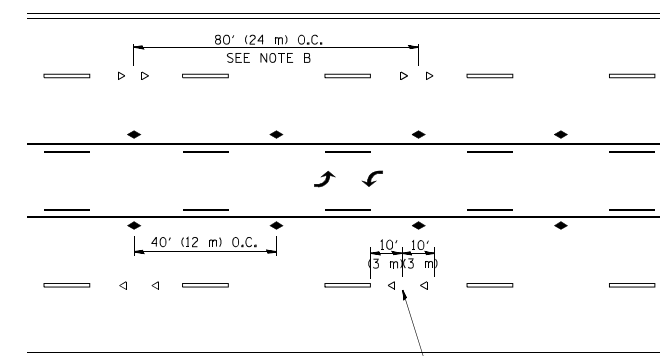


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

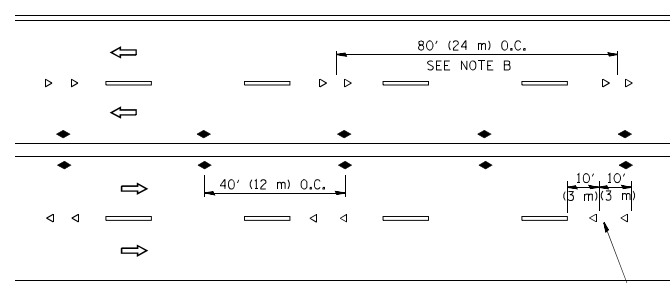
TWO-LANE/TWO-WAY



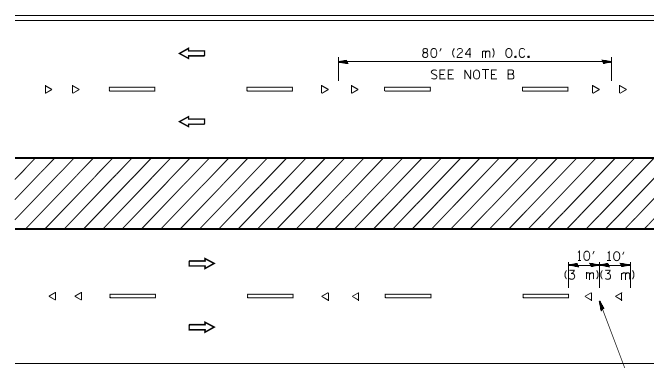
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

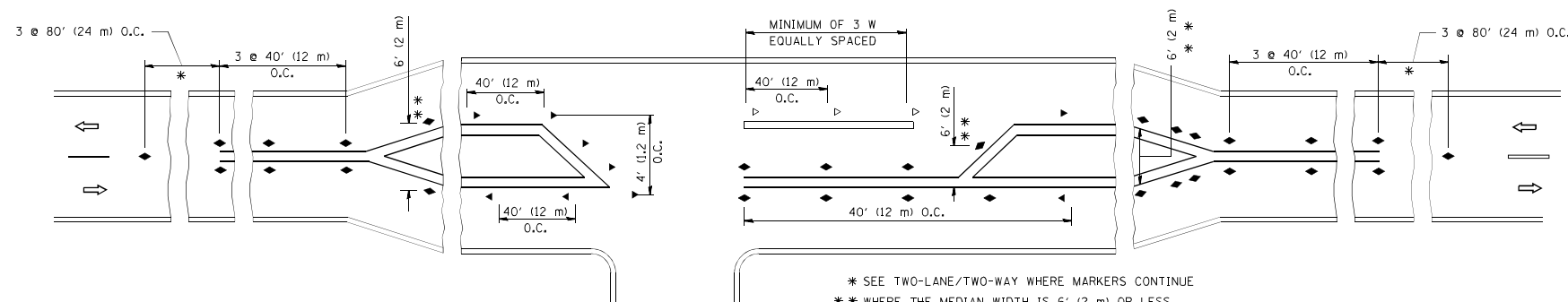
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

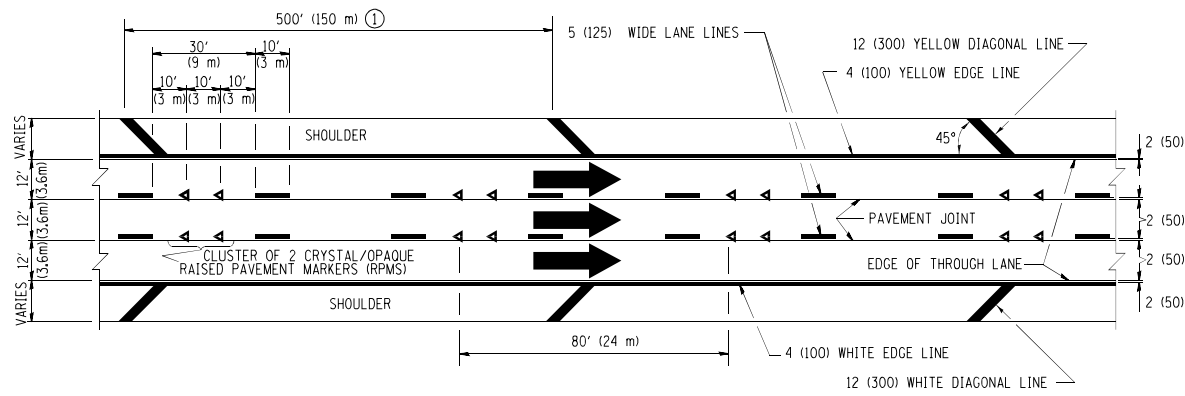


LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

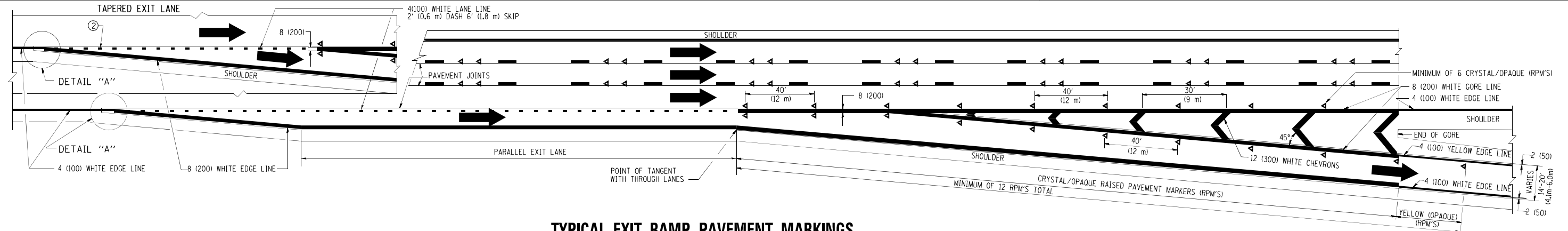
| | | | | | | | | | | | | |
|-------------------------------------------------------|-------------------|--------------------------------|------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------|------|-------------------|----------------------|----------------|--------------------|-----------------|
| FILE NAME = c:\pwork\pades\1eysa\d0108315\tcl1.dgn | USER NAME = 1eysa | DESIGNED - DRAWN - | REVISED -T. RAMMACHER 09-19-94 REVISED -T. RAMMACHER 03-12-99 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) | | | F.A. RTE. VAR. | SECTION 2015-008I | COUNTY VAR. | TOTAL SHEETS 29 | SHEET NO. 23 |
| PLOT SCALE = 50.000 1/ IN. | CHECKED - | REVISED -T. RAMMACHER 01-06-00 | REVISED -C. JUCIUS 09-09-09 | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | TC-11 | | CONTRACT NO. 62A62 | |
| PLOT DATE = 3/2/2011 | DATE - | REVISED -C. JUCIUS 09-09-09 | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | | | |



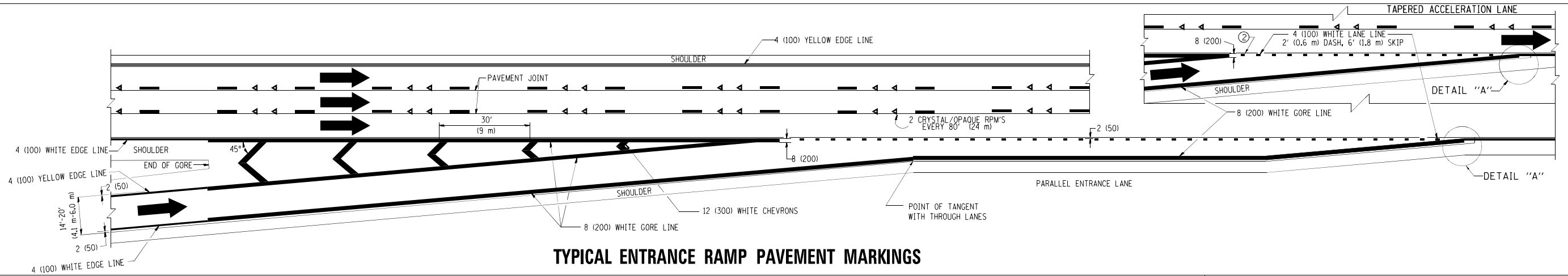
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

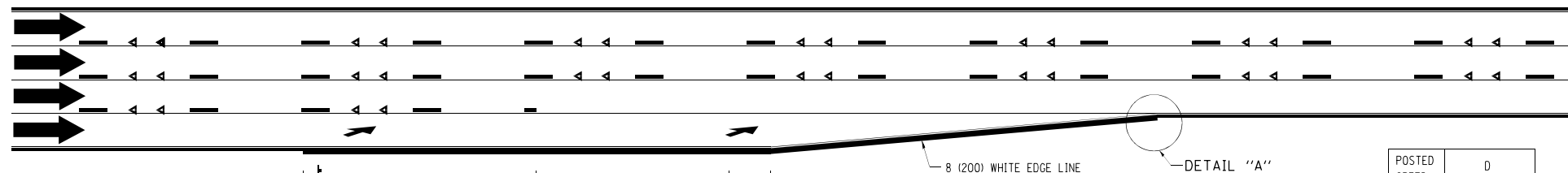
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE; INLAID OR GROOVED IN SHALL BE USED FOR ALL LANE LINES ON HMA PAVEMENT PROJECTS.
3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC PROJECTS.



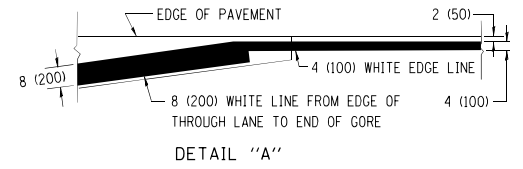
TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

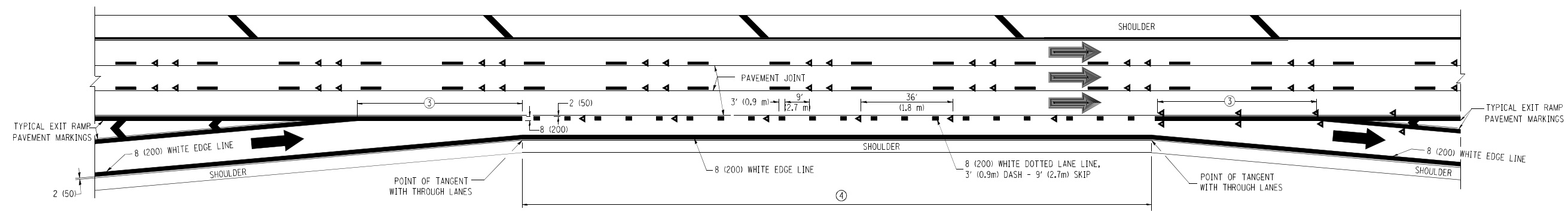


LANE REDUCTION PAVEMENT MARKINGS

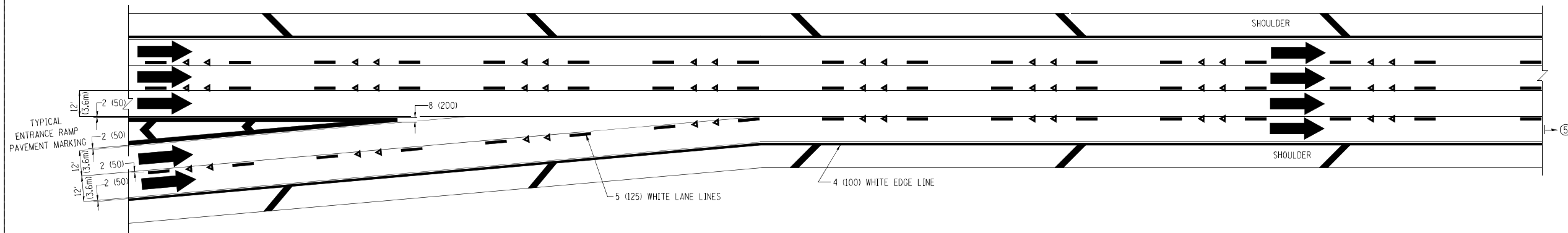


- NOTES:**
- ① THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
 - ② 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.

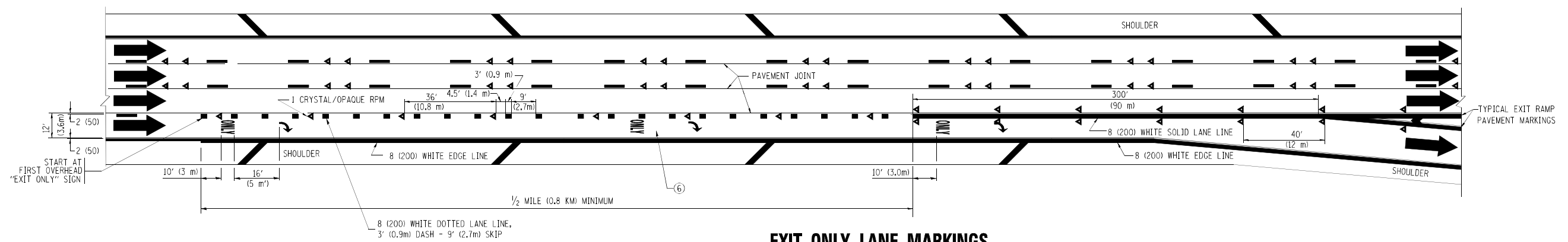
| POSTED SPEED LIMIT | D DISTANCE |
|--------------------|---------------|
| 45 MPH | 750' (230 m) |
| 55 MPH | 950' (290 m) |
| 65 MPH | 1200' (365 m) |



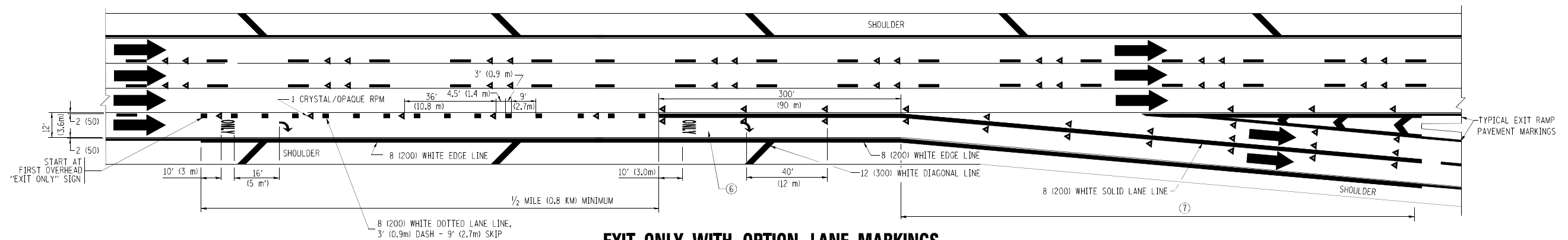
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



EXIT ONLY LANE MARKINGS



EXIT ONLY WITH OPTION LANE MARKINGS

- NOTES**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
 - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
 - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
 - ⑥ ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
 - ⑦ CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

FILE NAME =
c:\np\work\p\WID07\LEYSAN\0108315\sc12.dwg

USER NAME = leysa
PLOT SCALE = 50.000 1/16" IN.
PLOT DATE = 1/22/2010

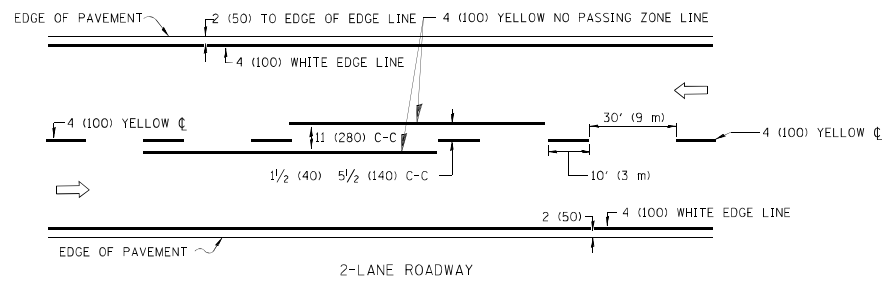
DESIGNED - D.W.S.
DRAWN -
CHECKED -
DATE - 01-90

REVISED - D.W.S. 07-96
REVISED - J.A.F. 02-06
REVISED - S.P.B. 01-07
REVISED - S.P.B. 01-10

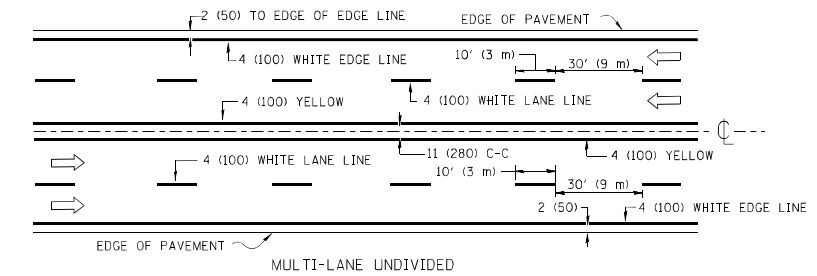
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS**
SCALE: NONE SHEET NO. 2 OF 2 SHEETS STA. TO STA.

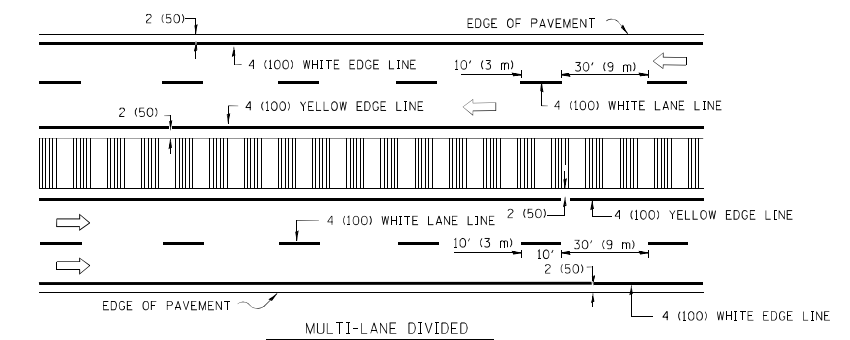
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------------------------------------|-----------|--------|--------------------|-----------|
| | 2015-0081 | VAR. | 29 | 25 |
| TC-12 | | | CONTRACT NO. 62A62 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |



2-LANE ROADWAY



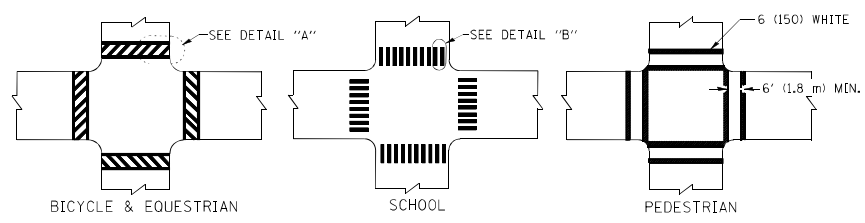
MULTI-LANE UNDIVIDED



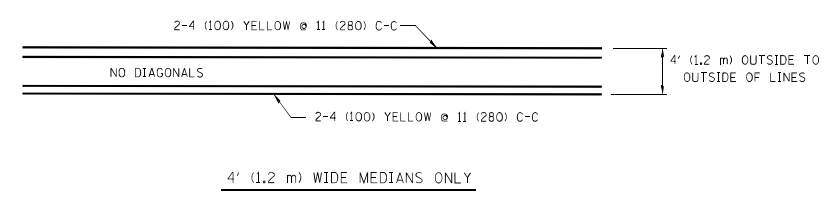
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

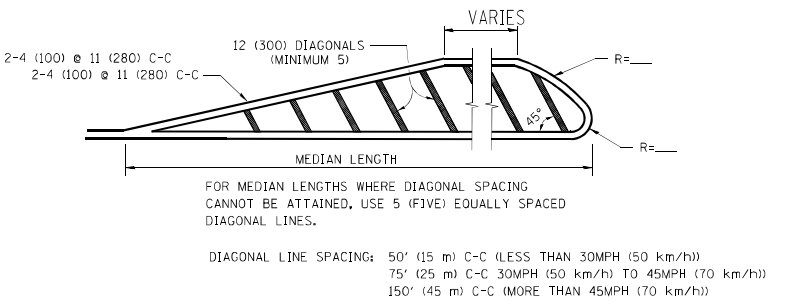
TYPICAL LANE AND EDGE LINE MARKING



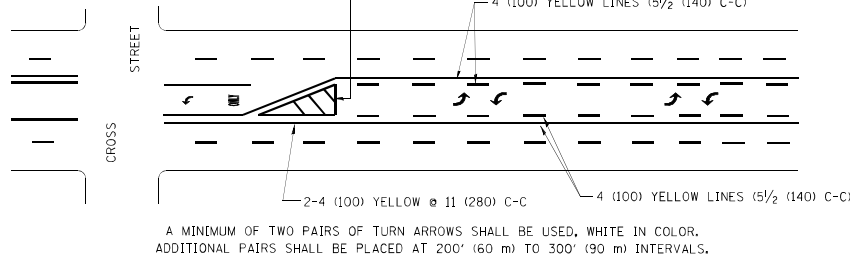
TYPICAL CROSSWALK MARKING



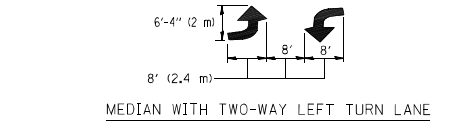
4' (1.2 m) WIDE MEDIANS ONLY



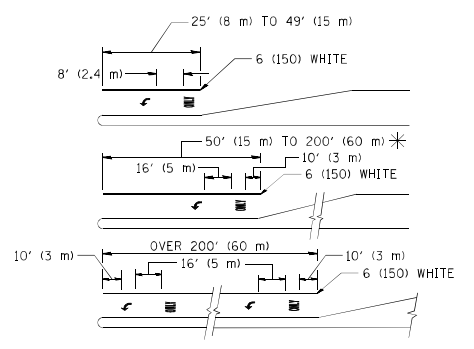
MEDIANS OVER 4' (1.2 m) WIDE



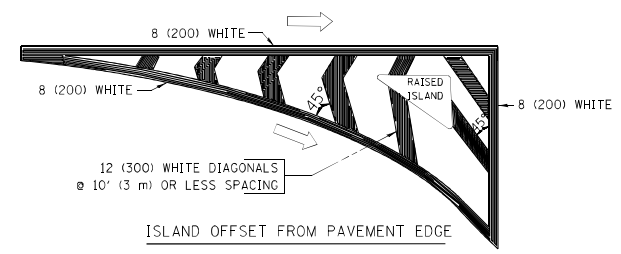
TYPICAL PAINTED MEDIAN MARKING



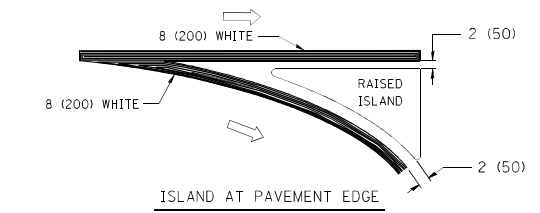
TYPICAL PAINTED MEDIAN MARKING



TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

| TYPE OF MARKING | WIDTH OF LINE | PATTERN | COLOR | SPACING / REMARKS |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CENTERLINE ON 2 LANE PAVEMENT | 4 (100) | SKIP-DASH | YELLOW | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT | 2 @ 4 (100) | SOLID | YELLOW | 11 (280) C-C |
| NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS | 4 (100) 2 @ 4 (100) | SOLID SOLID | YELLOW YELLOW | 5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN |
| LANE LINES | 4 (100) 5 (125) ON FREEWAYS | SKIP-DASH SKIP-DASH | WHITE WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS) | SAME AS LINE BEING EXTENDED | SKIP-DASH | SAME AS LINE BEING EXTENDED | 2' (600) LINE WITH 6' (1.8 m) SPACE |
| EDGE LINES | 4 (100) | SOLID | YELLOW-LEFT WHITE-RIGHT | OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB |
| TURN LANE MARKINGS | 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m)) | SOLID | WHITE | SEE TYPICAL TURN LANE MARKING DETAIL |
| TWO WAY LEFT TURN MARKING | 2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW | SKIP-DASH AND SOLID IN PAIRS | YELLOW WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL |
| CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90° | SOLID SOLID SOLID | WHITE WHITE WHITE | NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS. |
| STOP LINES | 24 (600) | SOLID | WHITE | PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE |
| PAINTED MEDIANS | 2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS | SOLID | YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. |
| GORE MARKING AND CHANNELIZING LINES | 8 (200) WITH 12 (300) DIAGONALS @ 45° | SOLID | WHITE | DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h)) |
| RAILROAD CROSSING | 24 (600) TRANSVERSE LINES: "RR" 15 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X" | SOLID | WHITE | SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²) |
| SHOULDER DIAGONALS | 12 (300) @ 45° | SOLID | WHITE - RIGHT YELLOW - LEFT | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h)) |

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

| | | | |
|------------------------------------------------------|-----------------------------|------------------|--------------------------------|
| FILE NAME = c:\pwork\pades\drivakosgn\d0128315\3.dgn | USER NAME = drivakosgn | DESIGNED - EVERS | REVISED -T. RAMMACHER 10-27-94 |
| | | DRAWN - | REVISED -C. JUCIUS 09-09-09 |
| | PLOT SCALE = 50.000 1/1 IN. | CHECKED - | REVISED - |
| | PLOT DATE = 9/9/2009 | DATE - 03-19-90 | REVISED - |

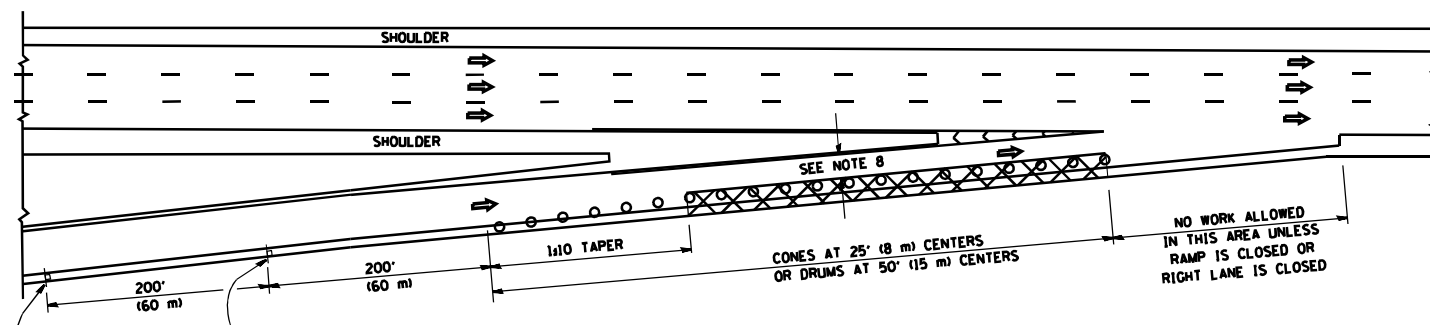
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

| | | | |
|---------------------------|-------------------------|------|---------|
| DISTRICT ONE | | | |
| TYPICAL PAVEMENT MARKINGS | | | |
| SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. |

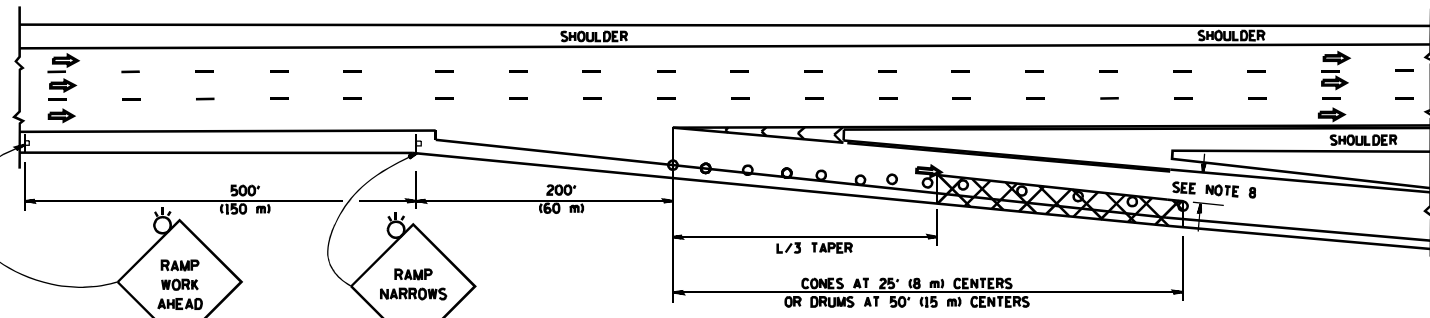
| | | | | |
|-------------------------------------------------|-----------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2015-008I | VAR. | 29 | 26 |
| TC-13 | | CONTRACT NO. 62A62 | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

PARTIAL RAMP CLOSURE DETAILS

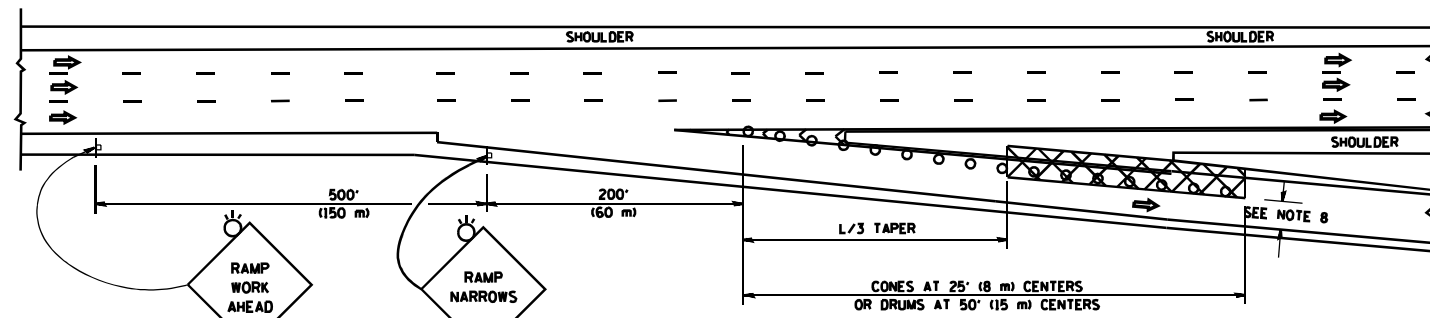
SHOULDER CLOSURE DETAILS



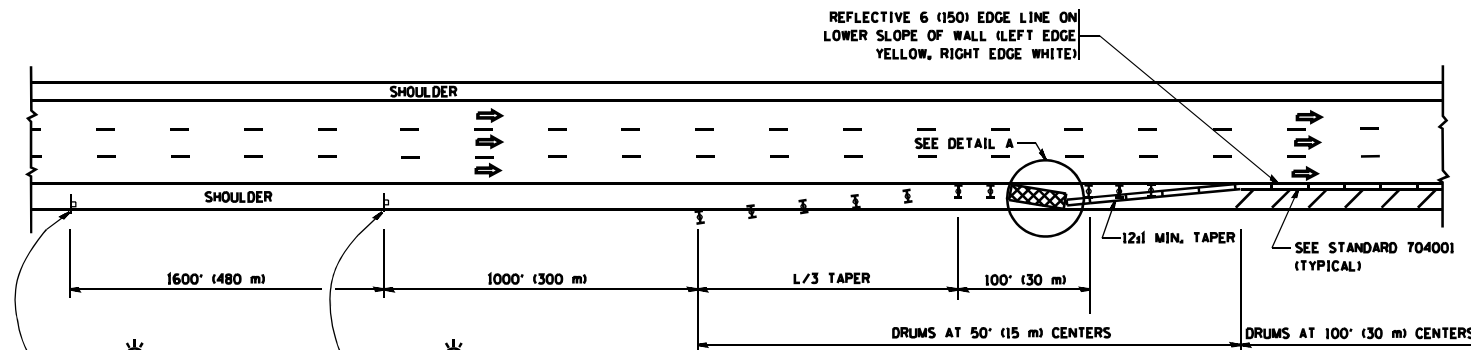
TYPICAL ENTRANCE RAMP



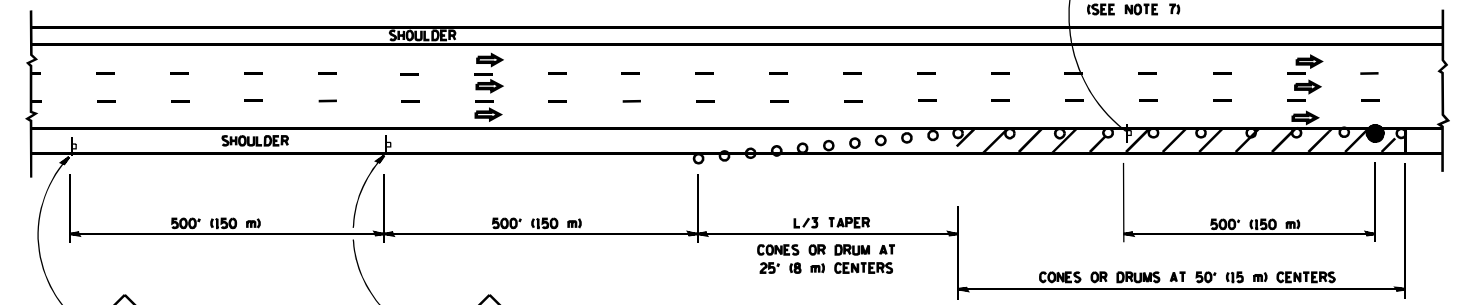
TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

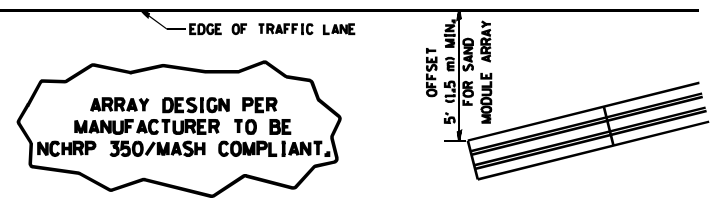


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

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



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

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

SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

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

W = WIDTH OF OFFSET IN FEET (METERS)
 S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.
5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK ACTIVITY REQUIRES FREQUENT ENCR OACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION
 16' MIN. WIDTH CURVE SECTION.

FILE NAME :
 c:\pwwork\p1\dot\lejsa\d0108315\tcl7.dgn

USER NAME = lejsa
 PLOT SCALE = 100.0000' / 1" =
 PLOT DATE = 4/17/2014

DESIGNED -
 DRAWN - D.W.S.
 CHECKED -
 DATE - 11-96

REVISED - J.A.F. 12-06
 REVISED - S.P.B. 01-07
 REVISED - S.P.B. 12-09
 REVISED - M.D. 06-13

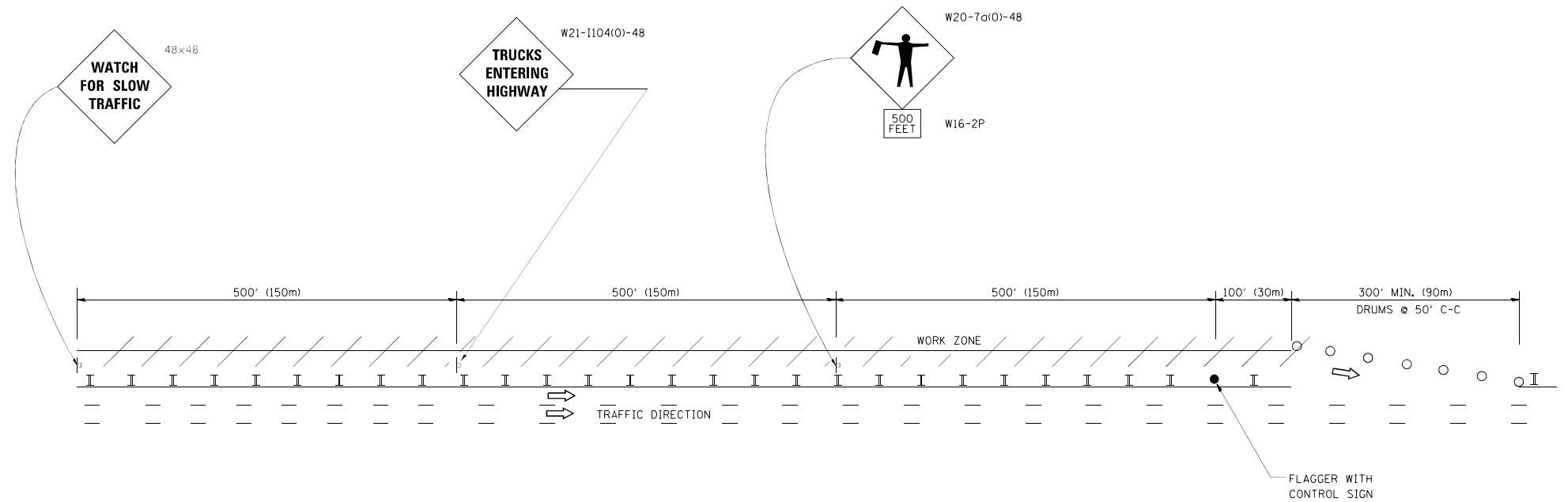
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL DETAILS FOR FREEWAY
 SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
 SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

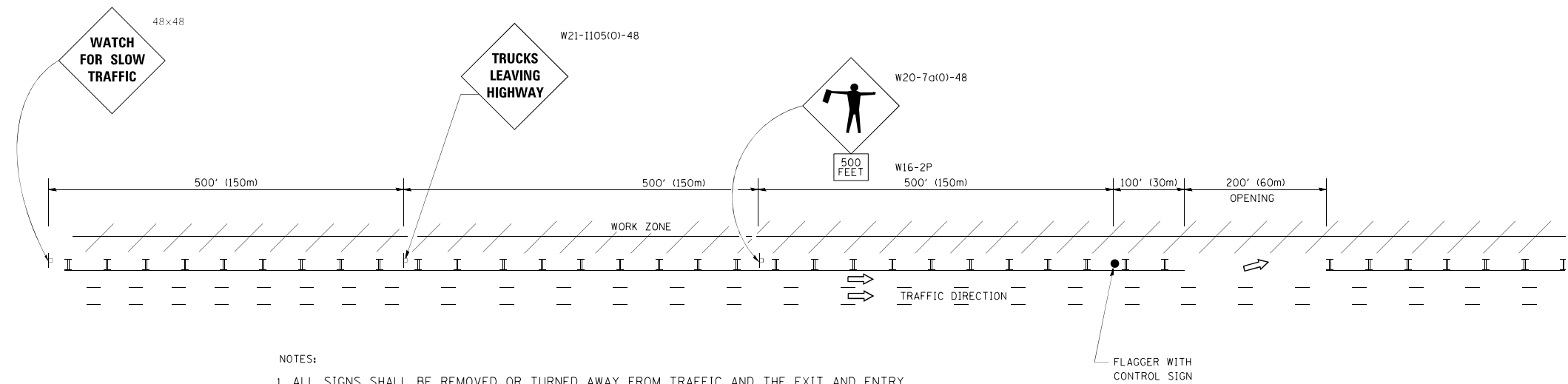
| | | | | |
|-------------------------------------------------|-----------|--------|--------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2015-008I | VAR. | 29 | 27 |
| TC-17 | | | CONTRACT NO. 62A62 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING

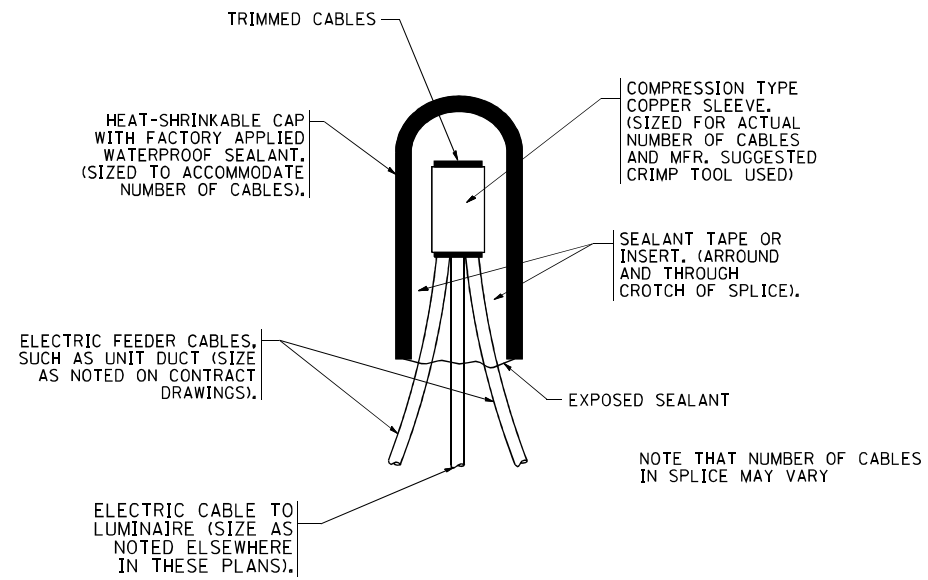


NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMP.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

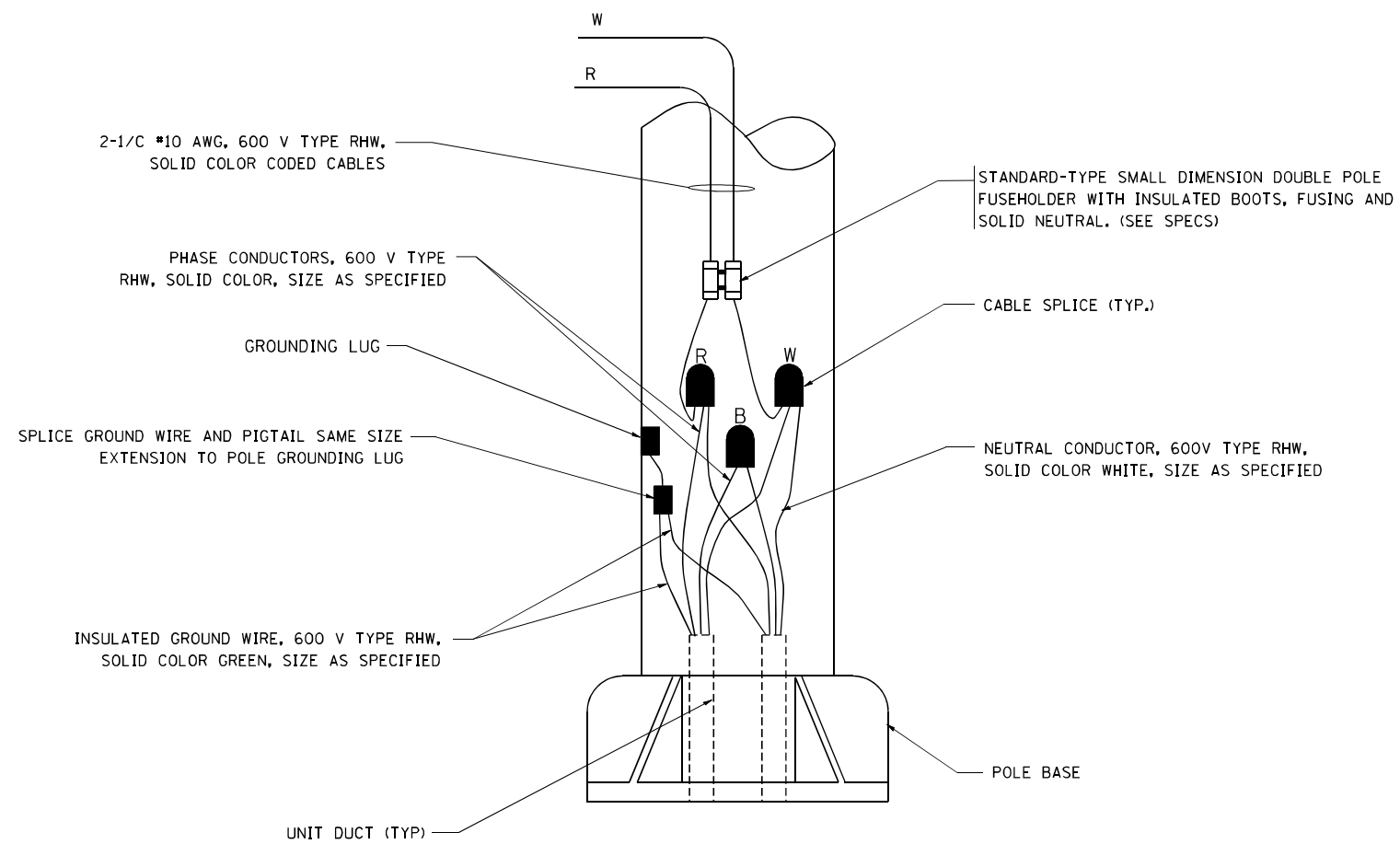
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

| | | | | | | | | | | |
|-----------------------------------------------|---------------------|------------|------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------|---------------------------|--------------|-----------|
| FILE NAME = | USER NAME = footemj | DESIGNED - | REVISED - J.A.F. 02-06 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| ct:\paw_work\pawdot\footemj\40108315\sc18.dgn | | DRAWN - | REVISED - S.P.B. 01-07 | | | VAR. | 2015-0081 | VAR. | 29 | 28 |
| | | CHECKED - | REVISED - S.P.B. 12-09 | | | TC-18 | | CONTRACT NO. 62A62 | | |
| | | DATE - | REVISED - M.D. 06-13 | | | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |
| | | | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | | | |



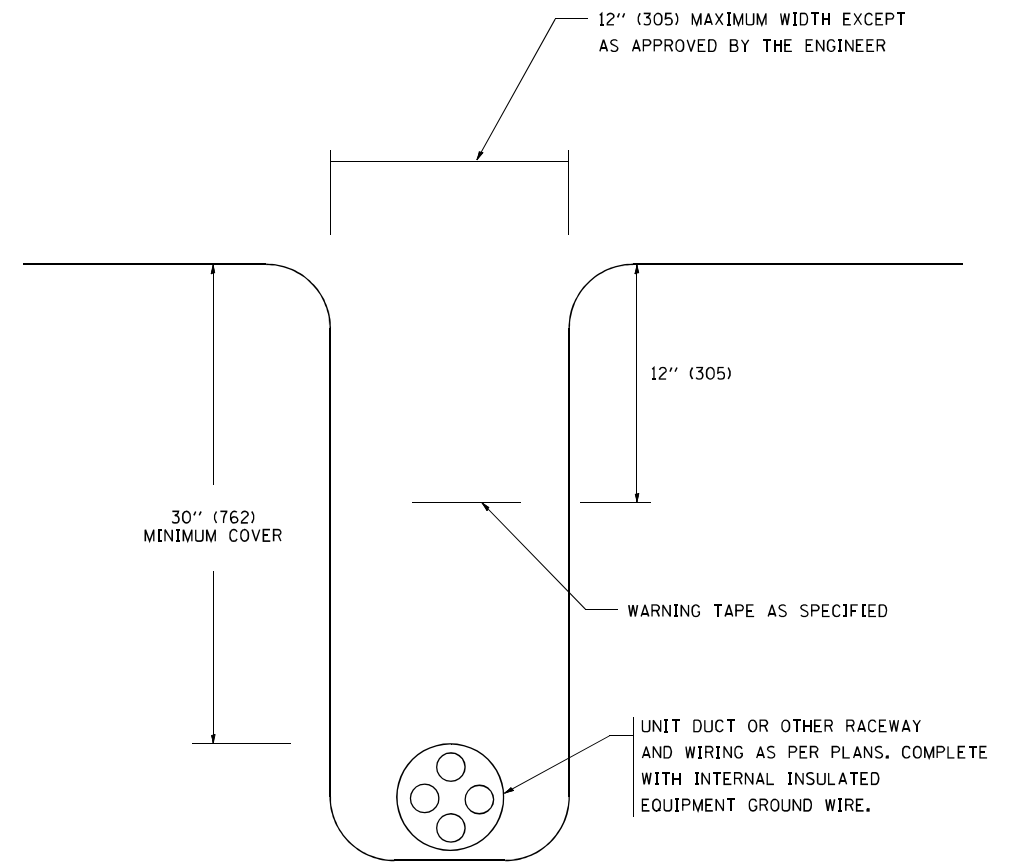
TYPICAL SPLICE DETAIL

N.T.S.



POLE WIRING DETAIL

N.T.S.



TYPICAL WIRING IN TRENCH DETAIL

N.T.S.

FILE NAME = W:\diststd\22x34\be702.dgn
 USER NAME = geglianobt
 DESIGNED -
 DRAWN -
 PLOT SCALE = 50.000' / IN.
 PLOT DATE = 1/4/2008

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED - 08-08-03
 REVISED -
 REVISED -
 REVISED -

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. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------------------------------|-----------|--------|--------------------|-----------|
| VAR. | 2015-0081 | VAR. | 29 | 29 |
| BE-702 | | | CONTRACT NO. 62A62 | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |