

MoDot and Emery Sapp and Sons Inc
Construction Inspector-Kyle Frye
Resident Engineer-Brian Burger

J412335 I-29 & TIFFANY SPRINGS PARKWAY

Overview

- Create a diverging diamond interchange on Tiffany Springs Pkwy
- Add lanes to I-29
- Rebuild the on and off ramps for I-29
- Re-align Prairie View Rd, Congress, 97th Terrace, and Ambassador

What's the benefit

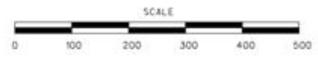
- Removes the wait time for making a left hand turn
- Will move traffic through the interchange more efficiently when complete
- Merging onto I-29 will be safer due to the additional acceleration lane

How will it impact you?

- There will be lane closures
- There will be traffic switches and phasing taking place
- Construction equipment and operations will sometimes require flagging and short term delays

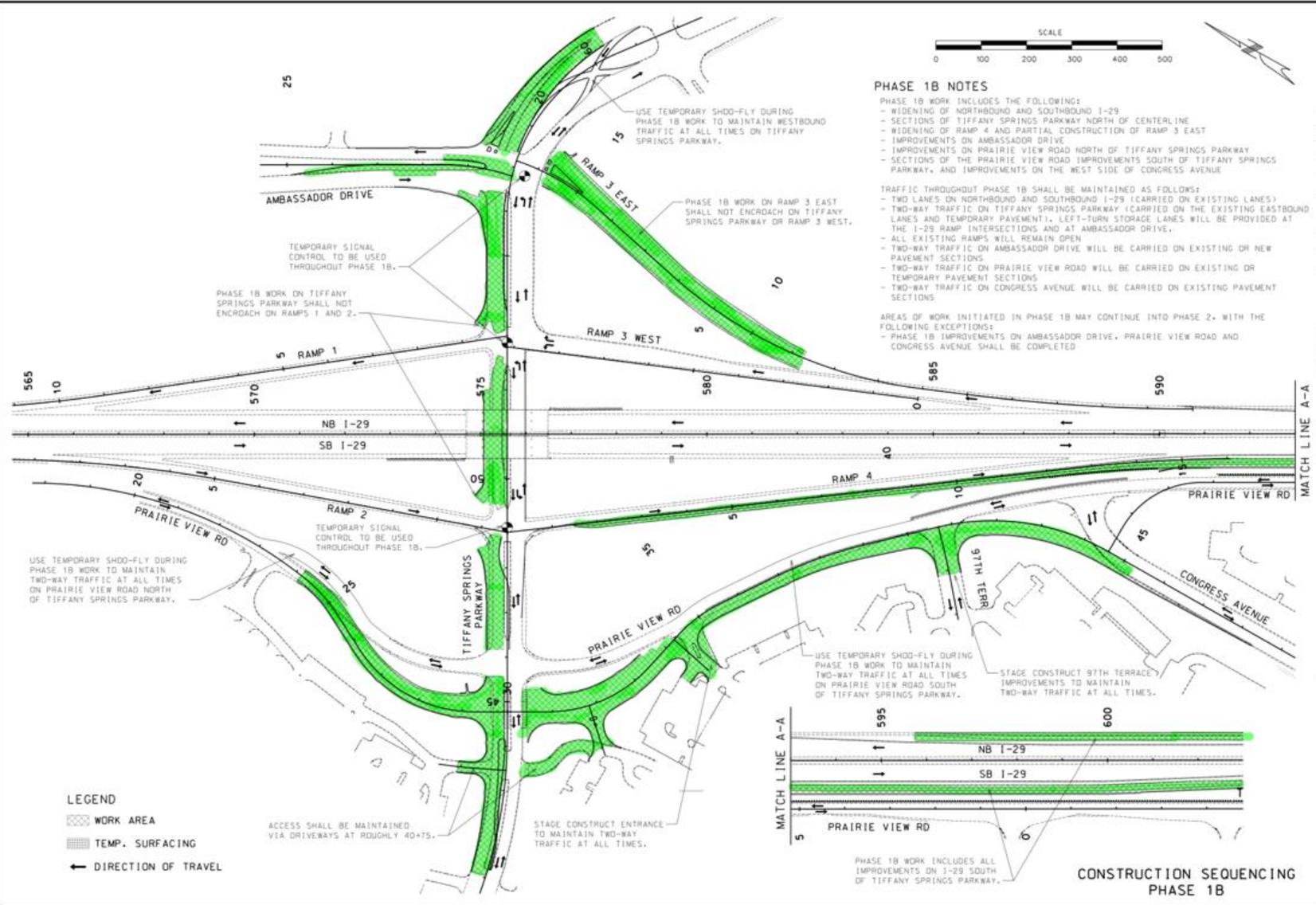
Will the road be completely shut down?

- Yes and No
- The SB I-29 off ramp will be shut down for a short period of time
- The NB I-29 on ramp will be shut down for a short period of time
- There are no other planned road closures



PHASE 1B NOTES

- PHASE 1B WORK INCLUDES THE FOLLOWING:
- WIDENING OF NORTHBOUND AND SOUTHBOUND I-29
 - SECTIONS OF TIFFANY SPRINGS PARKWAY NORTH OF CENTERLINE
 - WIDENING OF RAMP 4 AND PARTIAL CONSTRUCTION OF RAMP 3 EAST
 - IMPROVEMENTS ON AMBASSADOR DRIVE
 - IMPROVEMENTS ON PRAIRIE VIEW ROAD NORTH OF TIFFANY SPRINGS PARKWAY
 - SECTIONS OF THE PRAIRIE VIEW ROAD IMPROVEMENTS SOUTH OF TIFFANY SPRINGS PARKWAY, AND IMPROVEMENTS ON THE WEST SIDE OF CONGRESS AVENUE
- TRAFFIC THROUGHOUT PHASE 1B SHALL BE MAINTAINED AS FOLLOWS:
- TWO LANES ON NORTHBOUND AND SOUTHBOUND I-29 (CARRIED ON EXISTING LANES)
 - TWO-WAY TRAFFIC ON TIFFANY SPRINGS PARKWAY (CARRIED ON THE EXISTING EASTBOUND LANES AND TEMPORARY PAVEMENT). LEFT-TURN STORAGE LANES WILL BE PROVIDED AT THE I-29 RAMP INTERSECTIONS AND AT AMBASSADOR DRIVE.
 - ALL EXISTING RAMPS WILL REMAIN OPEN
 - TWO-WAY TRAFFIC ON AMBASSADOR DRIVE WILL BE CARRIED ON EXISTING OR NEW PAVEMENT SECTIONS
 - TWO-WAY TRAFFIC ON PRAIRIE VIEW ROAD WILL BE CARRIED ON EXISTING OR TEMPORARY PAVEMENT SECTIONS
 - TWO-WAY TRAFFIC ON CONGRESS AVENUE WILL BE CARRIED ON EXISTING PAVEMENT SECTIONS
- AREAS OF WORK INITIATED IN PHASE 1B MAY CONTINUE INTO PHASE 2, WITH THE FOLLOWING EXCEPTIONS:
- PHASE 1B IMPROVEMENTS ON AMBASSADOR DRIVE, PRAIRIE VIEW ROAD AND CONGRESS AVENUE SHALL BE COMPLETED



USE TEMPORARY SHOO-FLY DURING PHASE 1B WORK TO MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES ON PRAIRIE VIEW ROAD NORTH OF TIFFANY SPRINGS PARKWAY.

TEMPORARY SIGNAL CONTROL TO BE USED THROUGHOUT PHASE 1B.

PHASE 1B WORK ON TIFFANY SPRINGS PARKWAY SHALL NOT ENCRDACH ON RAMPS 1 AND 2.

PHASE 1B WORK ON RAMP 3 EAST SHALL NOT ENCRDACH ON TIFFANY SPRINGS PARKWAY OR RAMP 3 WEST.

TEMPORARY SIGNAL CONTROL TO BE USED THROUGHOUT PHASE 1B.

USE TEMPORARY SHOO-FLY DURING PHASE 1B WORK TO MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES ON PRAIRIE VIEW ROAD SOUTH OF TIFFANY SPRINGS PARKWAY.

STAGE CONSTRUCT 9TH TERRACE IMPROVEMENTS TO MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES.

- LEGEND**
- ▨ WORK AREA
 - ▨ TEMP. SURFACING
 - ← DIRECTION OF TRAVEL

ACCESS SHALL BE MAINTAINED VIA DRIVEWAYS AT ROUGHLY 40+75.

STAGE CONSTRUCT ENTRANCE TO MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES.

PHASE 1B WORK INCLUDES ALL IMPROVEMENTS ON I-29 SOUTH OF TIFFANY SPRINGS PARKWAY.

CONSTRUCTION SEQUENCING PHASE 1B



DATE PREPARED: 11/16/2012

PROJECT NO.: 1-29 MO

DISTRICT: KC SHEET NO.: 101

COUNTY: PLATTE

JOB NO.: J412335

CONTRACT NO.:

PROJECT NO.:

BRIDGE NO.:

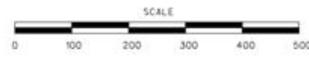
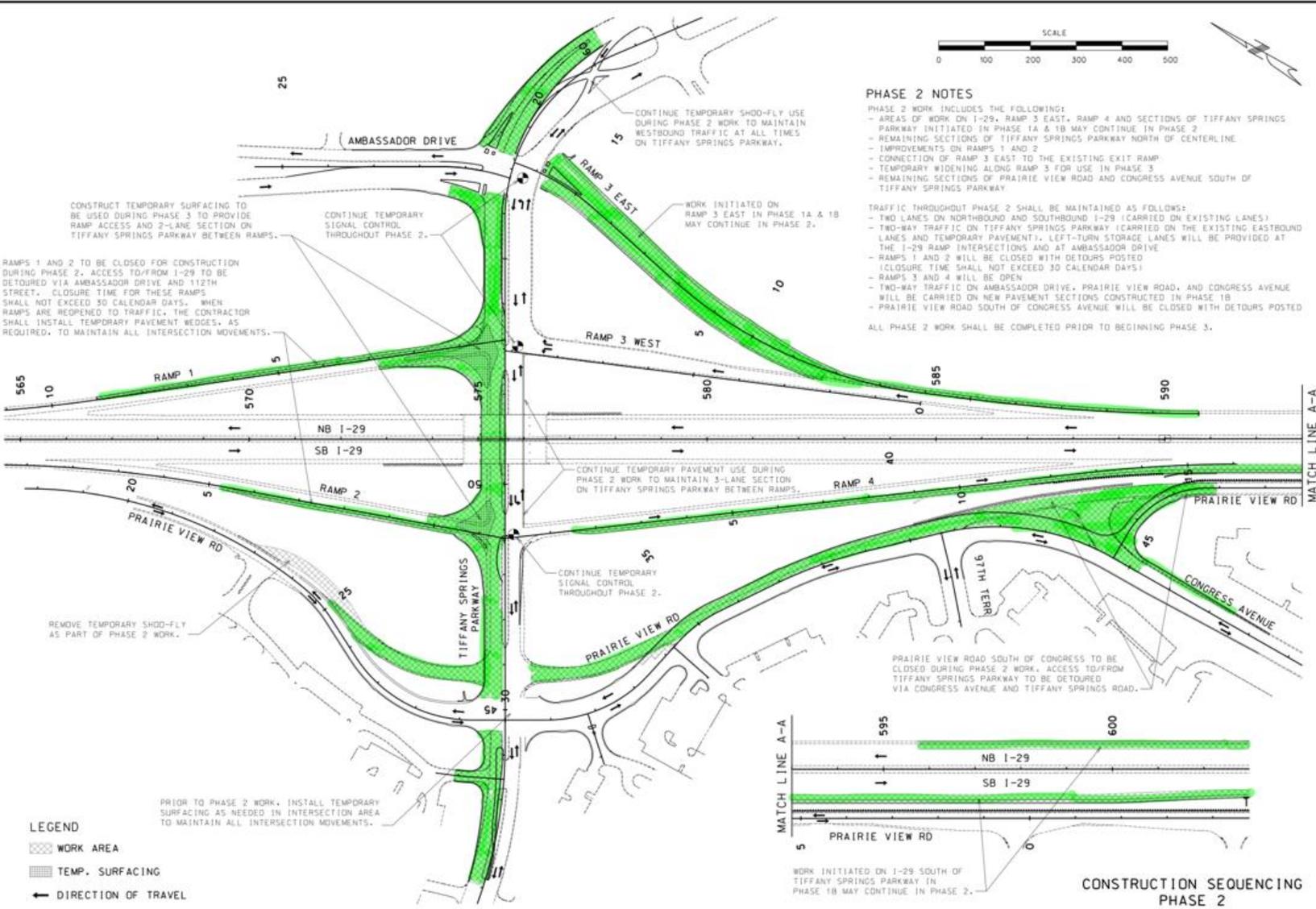
NO.	DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

1-888-656-MODOT (1-888-656-6638)

TRANSYSTEMS CORP.
2400 PERSHING ROAD
SUITE 400
PHOENIX, AZ 85016
PHONE: (602) 979-8600
FAX: (602) 979-8601

NO STATE CERTIFICATE OF AUTHORITY # 273
ENGINEERING



PHASE 2 NOTES

- PHASE 2 WORK INCLUDES THE FOLLOWING:
- AREAS OF WORK ON I-29, RAMP 3 EAST, RAMP 4 AND SECTIONS OF TIFFANY SPRINGS PARKWAY INITIATED IN PHASE 1A & 1B MAY CONTINUE IN PHASE 2
 - REMAINING SECTIONS OF TIFFANY SPRINGS PARKWAY NORTH OF CENTERLINE
 - IMPROVEMENTS ON RAMPS 1 AND 2
 - CONNECTION OF RAMP 3 EAST TO THE EXISTING EXIT RAMP
 - TEMPORARY WIDENING ALONG RAMP 3 FOR USE IN PHASE 3
 - REMAINING SECTIONS OF PRAIRIE VIEW ROAD AND CONGRESS AVENUE SOUTH OF TIFFANY SPRINGS PARKWAY
- TRAFFIC THROUGHOUT PHASE 2 SHALL BE MAINTAINED AS FOLLOWS:
- TWO LANES ON NORTHBOUND AND SOUTHBOUND I-29 (CARRIED ON EXISTING LANES)
 - TWO-WAY TRAFFIC ON TIFFANY SPRINGS PARKWAY (CARRIED ON THE EXISTING EASTBOUND LANES AND TEMPORARY PAVEMENT). LEFT-TURN STORAGE LANES WILL BE PROVIDED AT THE I-29 RAMP INTERSECTIONS AND AT AMBASSADOR DRIVE
 - RAMPS 1 AND 2 WILL BE CLOSED WITH DETOURS POSTED (CLOSURE TIME SHALL NOT EXCEED 30 CALENDAR DAYS)
 - RAMPS 3 AND 4 WILL BE OPEN
 - TWO-WAY TRAFFIC ON AMBASSADOR DRIVE, PRAIRIE VIEW ROAD, AND CONGRESS AVENUE WILL BE CARRIED ON NEW PAVEMENT SECTIONS CONSTRUCTED IN PHASE 1B
 - PRAIRIE VIEW ROAD SOUTH OF CONGRESS AVENUE WILL BE CLOSED WITH DETOURS POSTED
- ALL PHASE 2 WORK SHALL BE COMPLETED PRIOR TO BEGINNING PHASE 3.

- LEGEND**
- WORK AREA
 - TEMP. SURFACING
 - DIRECTION OF TRAVEL



DATE PREPARED: 11/16/2012

ROUTE: I-29 STATE: MO

CITY: KC SHEET NO.: 102

COUNTY: PLATTE

JOB NO.: J412335

CONTRACT NO.:

BRIDGE NO.:

NO.	DESCRIPTION	DATE

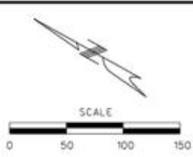
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ENGINEERING

What is it going to look like
when finished?



THIS SHEET HAS BEEN
 REPRODUCED AND DATED
 ELECTRONICALLY

DATE PREPARED
 11/16/2012

ROUTE
 I-29 MO

DISTRICT
 KC SHEET NO.
 279

COUNTY
 PLATTE

JOB NO.
 J412335

CONTRACT NO.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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 COMMISSION

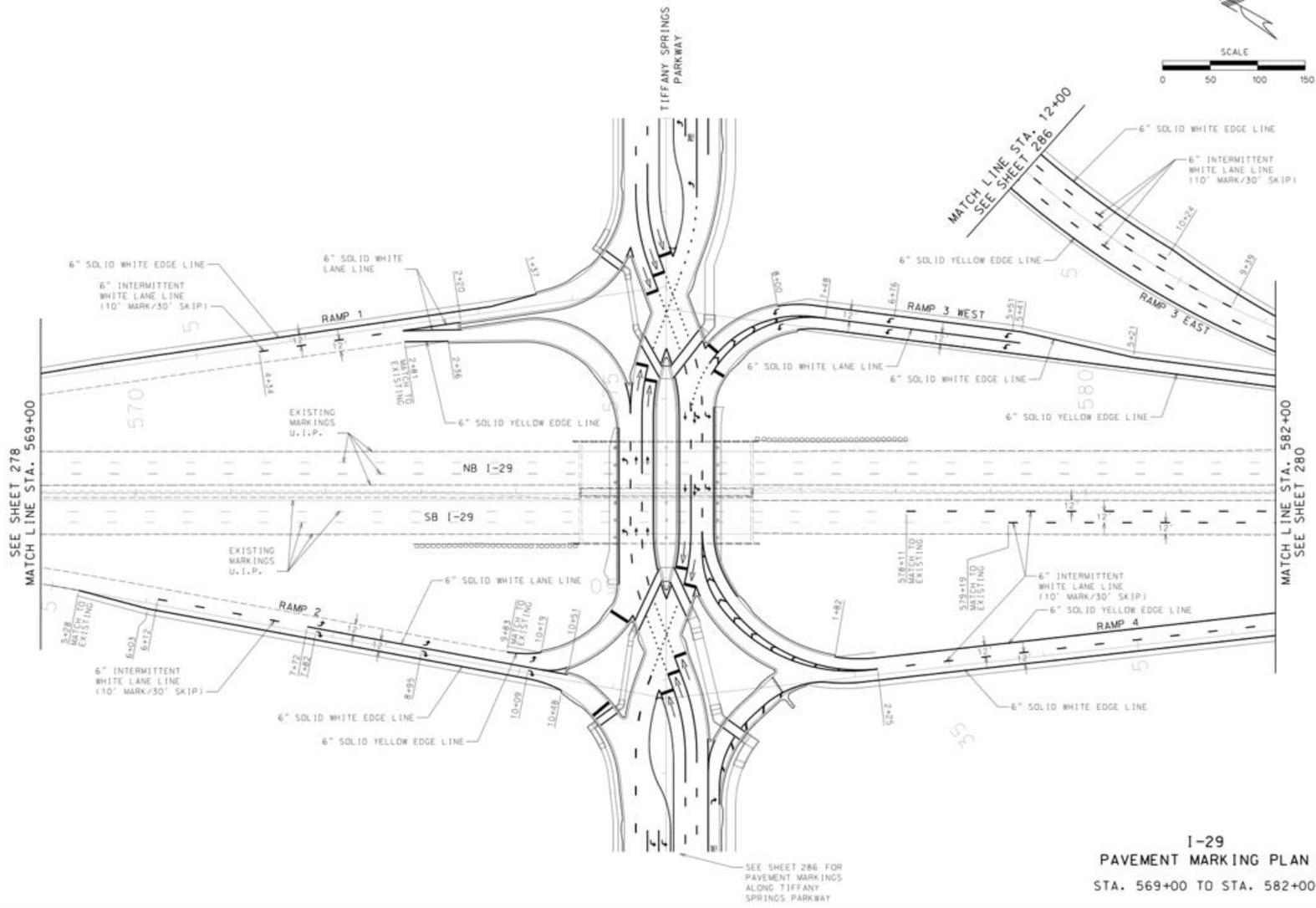
FOR BEST COPY, VISIT
 MODOT.COM

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IRAN SYSTEMS
 ENGINEERING



I-29
 PAVEMENT MARKING PLAN
 STA. 569+00 TO STA. 582+00

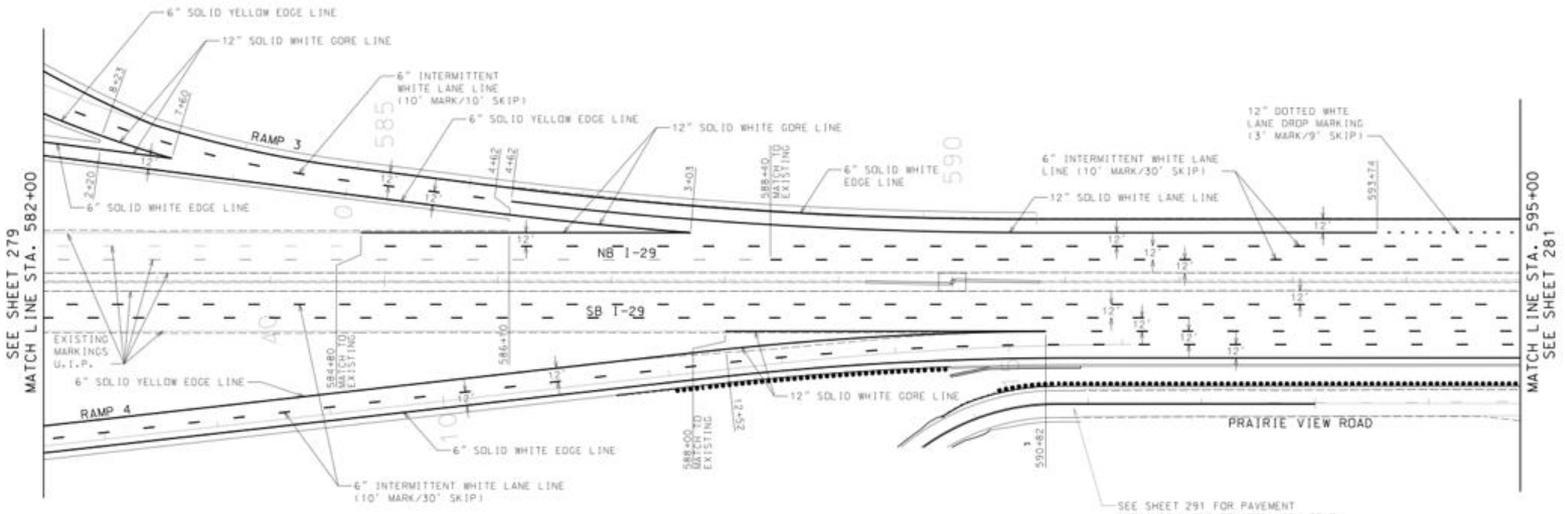
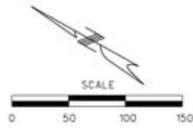
SEE SHEET 286 FOR
 PAVEMENT MARKINGS
 ALONG TIFFANY
 SPRINGS PARKWAY

SEE SHEET 278
 MATCH LINE STA. 569+00

MATCH LINE STA. 582+00
 SEE SHEET 280

MATCH LINE STA. 12+00
 SEE SHEET 286

TIFFANY SPRINGS
 PARKWAY



SEE SHEET 279
MATCH LINE STA. 582+00

MATCH LINE STA. 595+00
SEE SHEET 281



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11/16/2012

ROUTE
I-29

STATE
MO

DISTRICT
KC

SHEET NO.
280

COUNTY
PLATTE

JOB NO.
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CONTRACT NO.

PROJECT NO.

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NO.	DESCRIPTION	DATE

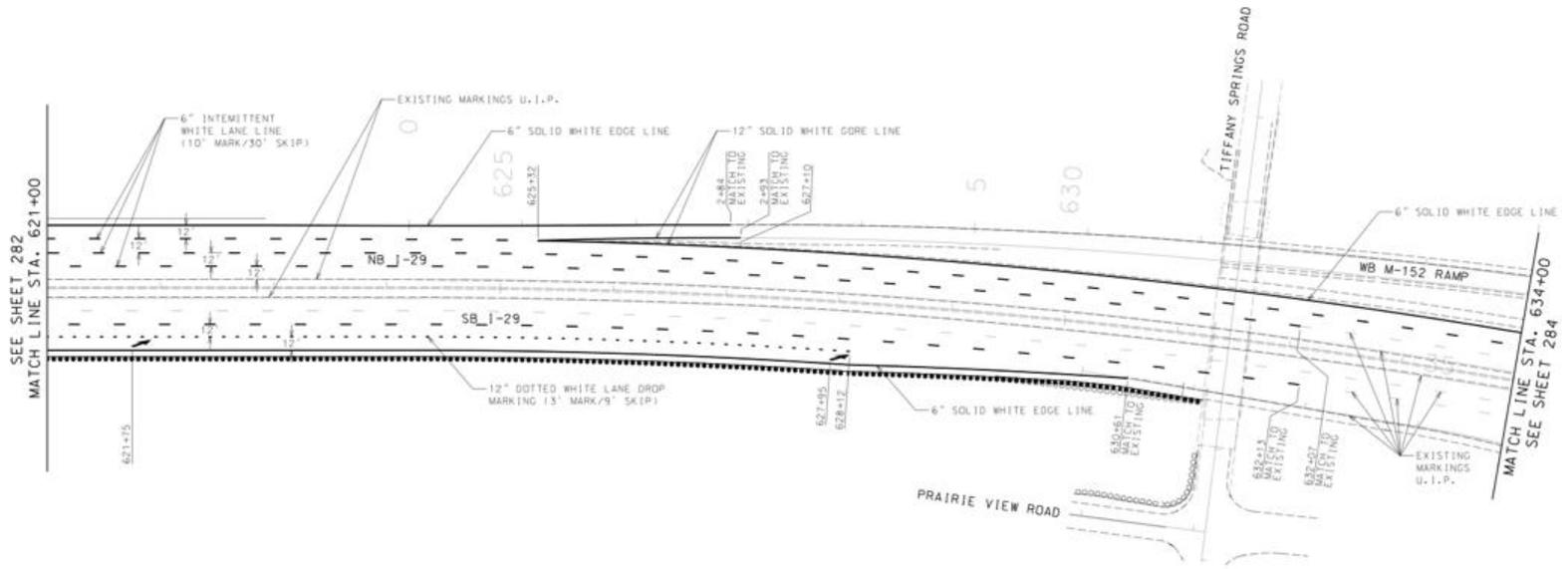
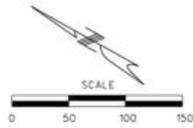
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FOR BEST COPY, CONTACT:
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SUITE 400
PHONES: (816) 328-8600
FAX: (816) 328-8601



I-29
PAVEMENT MARKING PLAN
STA. 582+00 TO STA. 595+00



SEE SHEET 282
MATCH LINE STA. 621+00

MATCH LINE STA. 634+00
SEE SHEET 284

I-29
PAVEMENT MARKING PLAN
STA. 621+00 TO STA. 634+00



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11/16/2012

ROUTE I-29 STATE MO

DISTRICT KC SHEET NO. 283

COUNTY PLATTE

JOB NO. J412335

CONTRACT NO.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

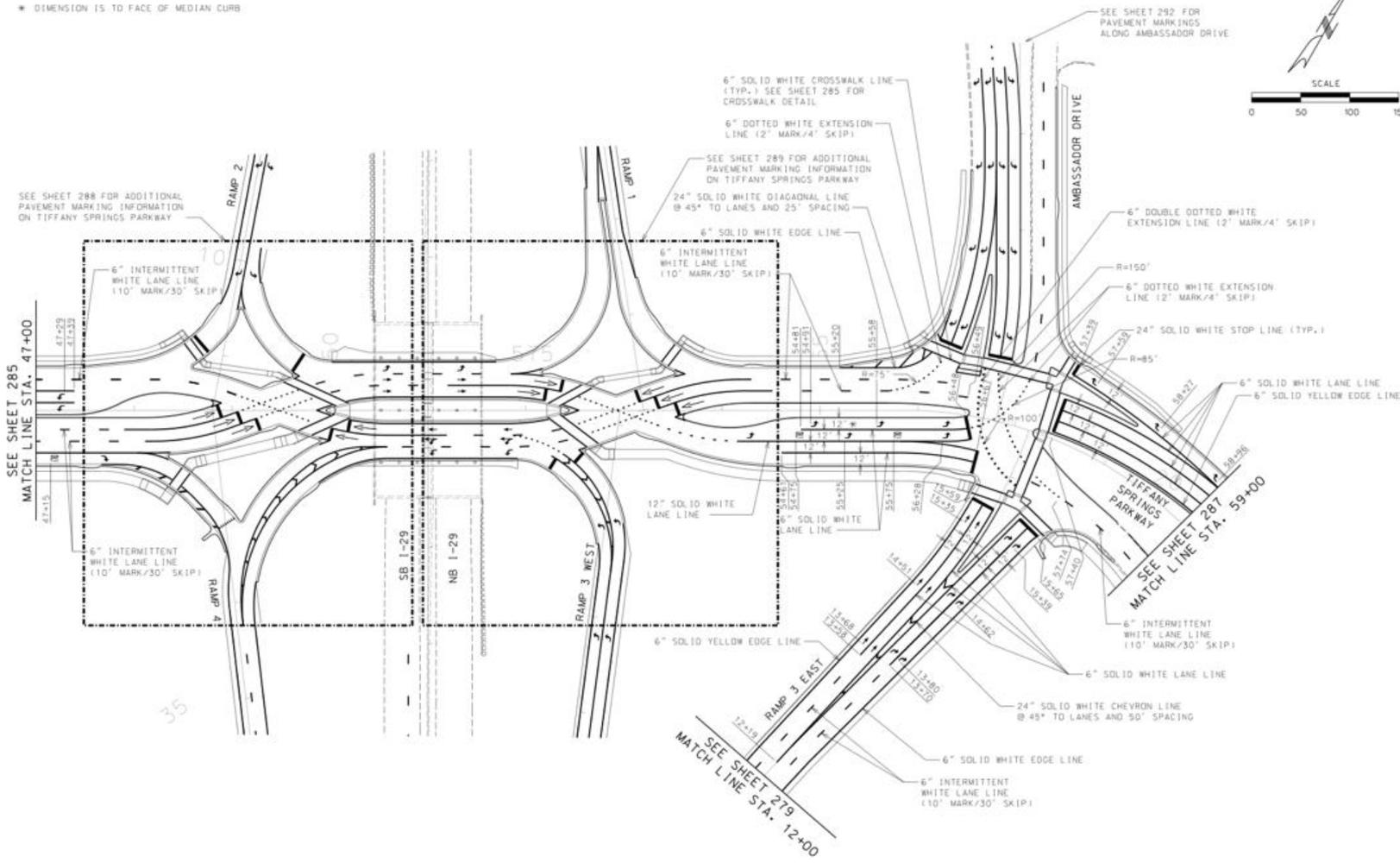
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MO DOT
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FAX: (816) 328-8601

MO STATE CERTIFICATE OF AUTHORITY # 773
ENGINEERING

* DIMENSION IS TO FACE OF MEDIAN CURB



**TIFFANY SPRINGS PARKWAY
PAVEMENT MARKING PLAN
STA. 47+00 TO STA. 59+00**



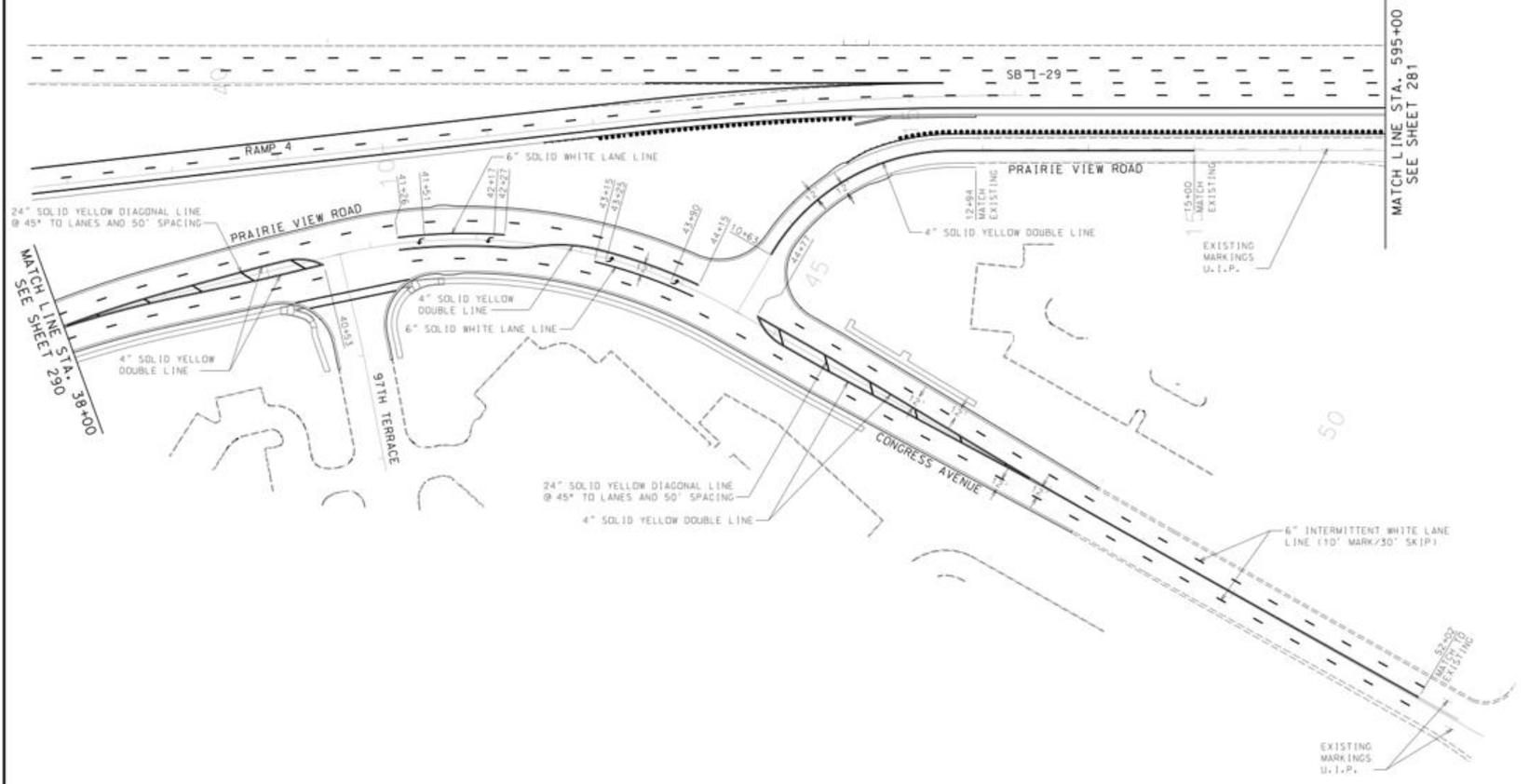
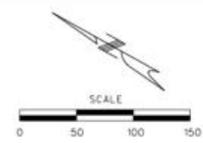
DATE PREPARED: 11/16/2012
 MOBILE: 1-29 MO
 DISTRICT: KC SHEET NO.: 286
 COUNTY: PLATTE
 JOB NO.: J412335
 CONTRACT NO.:
 PROJECT NO.:
 BRIDGE NO.:

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 MDT
 155 WEST CAPITOL
 JEFFERSON CITY, MO 65102
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 SUITE 400 FT. MO 64108
 PHONE: (816) 379-8600
 FAX: (816) 328-8601





PRAIRIE VIEW ROAD/CONGRESS AVENUE
PAVEMENT MARKING PLAN
STA. 38+00 TO STA. 53+00



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DATE PREPARED
11/16/2012

ROUTE
I-29

STATE
MO

DISTRICT
KC

SHEET NO.
291

COUNTY
PLATTE

JOB NO.
J412335

CONTRACT NO.

PROJECT NO.

BRIDGE NO.

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ENGINEERING

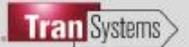
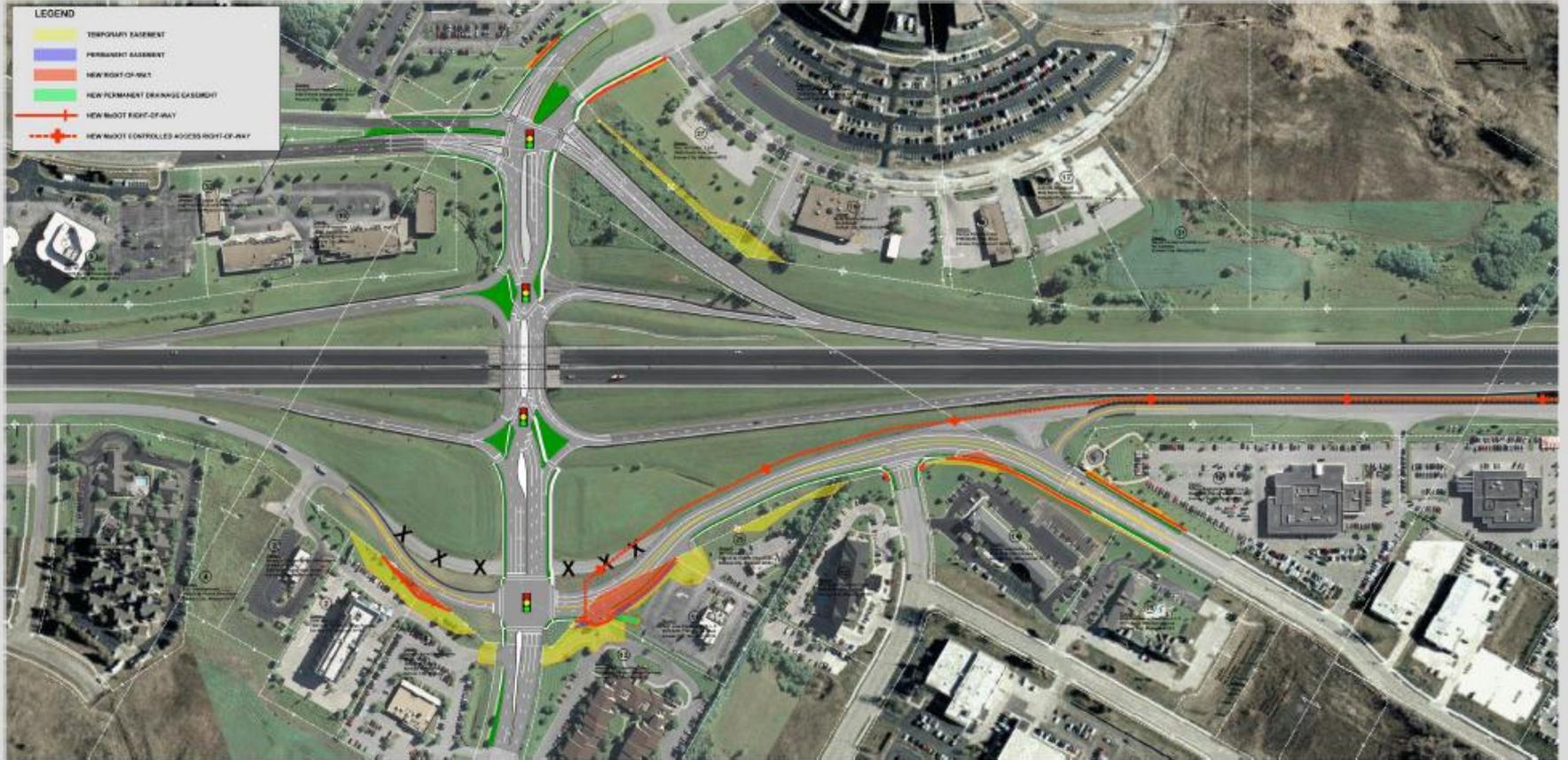
I-29/Tiffany Springs Parkway Interchange



Construction Limits



Right-of-Way Impacts



Questions?

◎ Contact Information

- Kyle Frye (816) 262-0170
- Project Website:

http://www.modot.org/kansascity/major_projects/I29andTiffanySpringsPkwy.htm