



Appendix E. Engineering Drawings (Part 1 of 10)

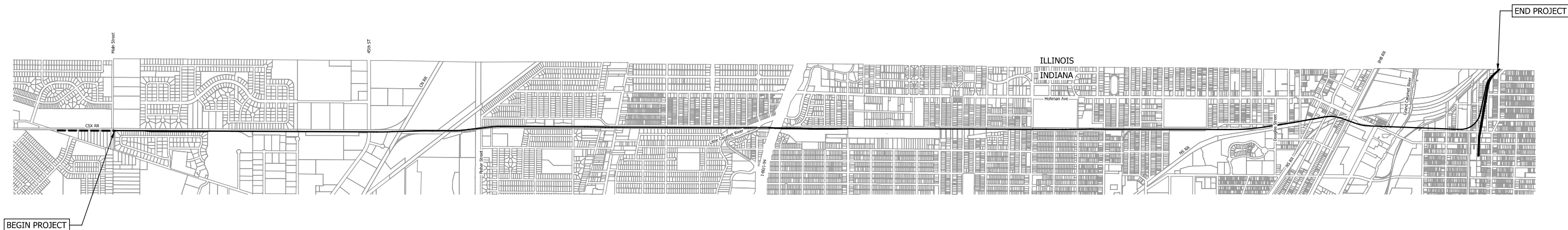
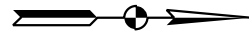


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NORTHERN INDIANA COMMUTER TRANSPORTATION DISTRICT

WEST LAKE CORRIDOR
MILEPOST 61.38 TO MILEPOST 69.18
DYER TO HAMMOND, INDIANA

ROADWAY PLANS



PROJECT MAP
Not to Scale

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JKJELLMA



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NOT FOR CONSTRUCTION SERIES STGN-01 OF STGN-02

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

COVER SHEET

FILENAME	_SHT_WL_RD_CV_00A_Cover.dgn	SHEET	1 OF 31
SCALE	AS NOTED		

SHEET INDEX

General

1	STGN-01	COVER SHEET
2	STGN-02	SHEET INDEX

Roadway

3 - 20	RDTP-1 - RDTP-18	ROADWAY TYPICAL SECTIONS
21 - 31	RDPP-1 - RDPP-11	ROADWAY PLAN AND PROFILE

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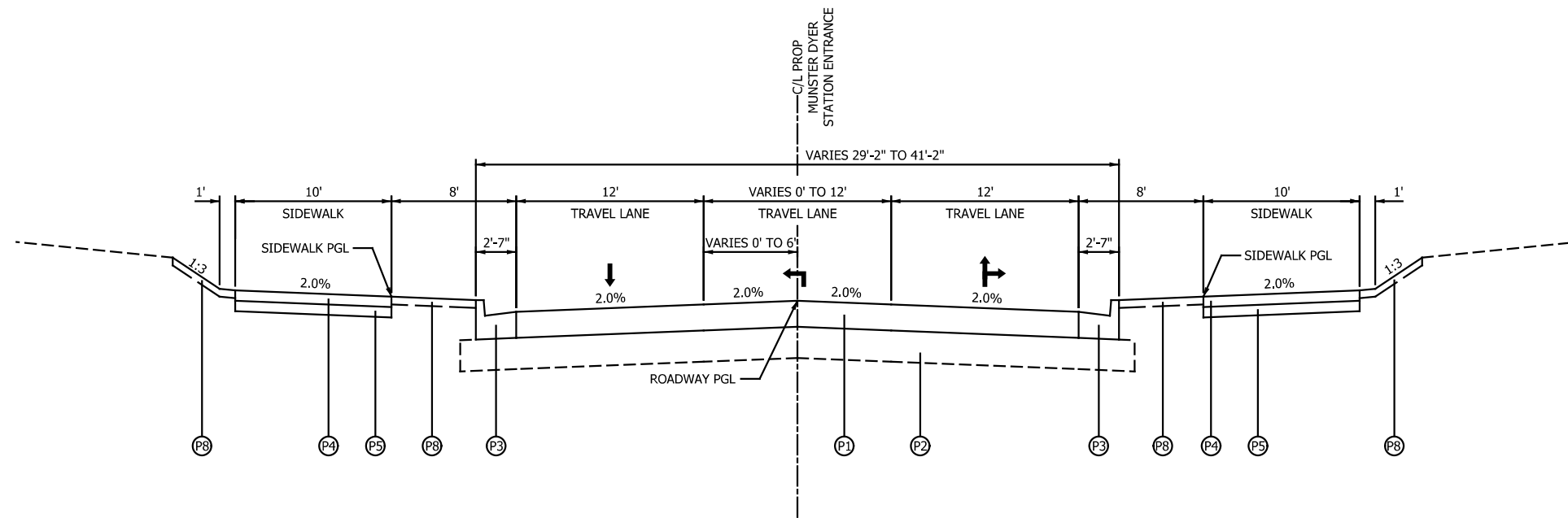
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NOT FOR CONSTRUCTION SERIES STGN-02 OF STGN-02

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

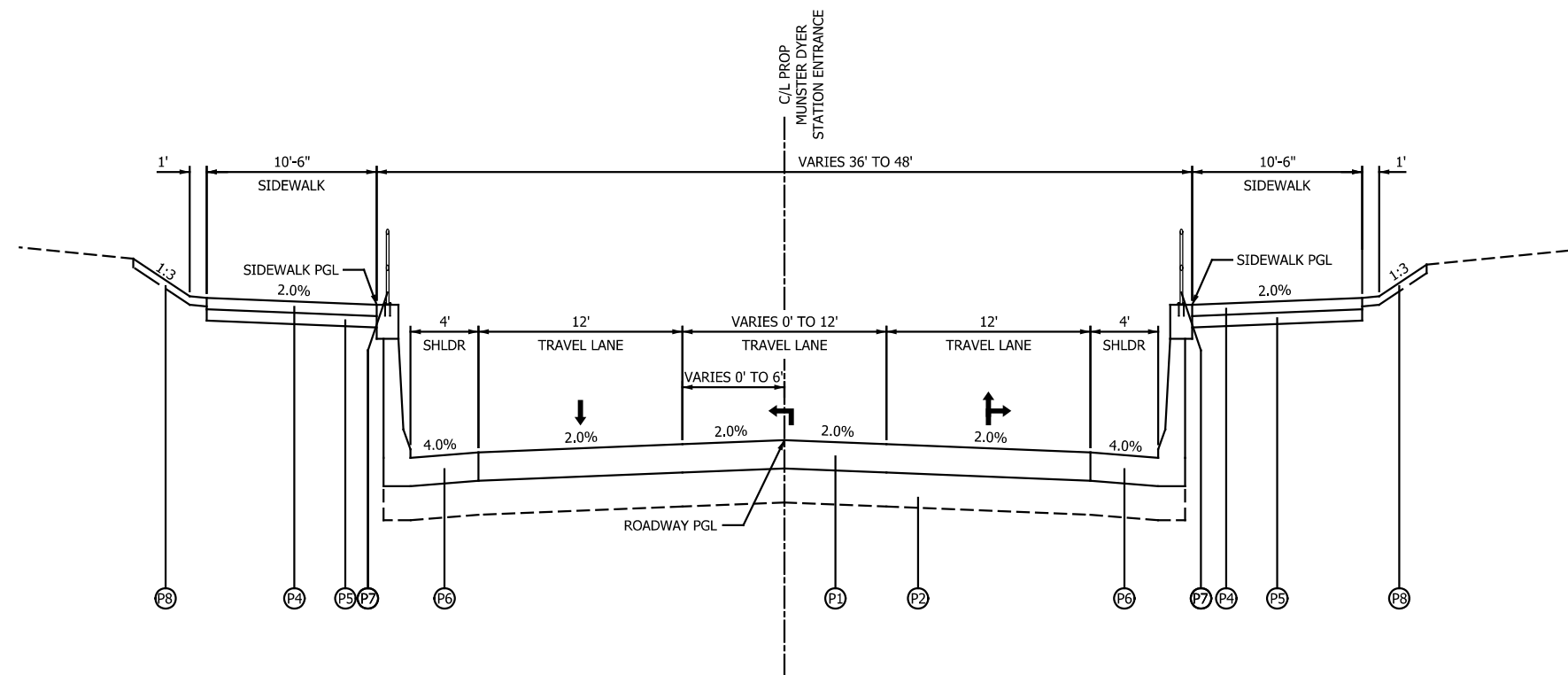
SHEET INDEX

FILENAME	_SHT_WL_RD_CV_01A_Index.dgn	SHEET	2 OF 31
SCALE	AS NOTED		



PROPOSED MUNSTER DYER STATION ENTRANCE

STA. 987+50 TO STA. 990+50
 STA. 998+00 TO STA. 999+99



PROPOSED MUNSTER DYER STATION ENTRANCE

STA. 990+50 TO STA. 993+60
 STA. 994+60 TO STA. 998+00

PROPOSED LEGEND

- (P1) PROPOSED HMA PAVEMENT:
 HMA SURFACE 1-1/2"
 HMA INTERMEDIATE 2-1/2"
 HMA BASE 4"
- (P2) PROPOSED COMPACTED AGGREGATE 6"
- (P3) PROPOSED CONCRETE CURB AND GUTTER
- (P4) PROPOSED CONCRETE SIDEWALK 4"
- (P5) PROPOSED AGGREGATE BASE 4"
- (P6) PROPOSED CONCRETE BARRIER AND RETAINING WALL
- (P7) PROPOSED HANDRAIL
- (P8) PROPOSED SEEDING AND TOPSOIL 4"

NOTE:

1. PROPOSED PAVEMENT SECTION FOR STREETS IN THE TOWN OF MUNSTER IS ASSUMED TO MATCH THE PAVEMENT SECTION PROVIDED BY THE CITY OF HAMMOND.

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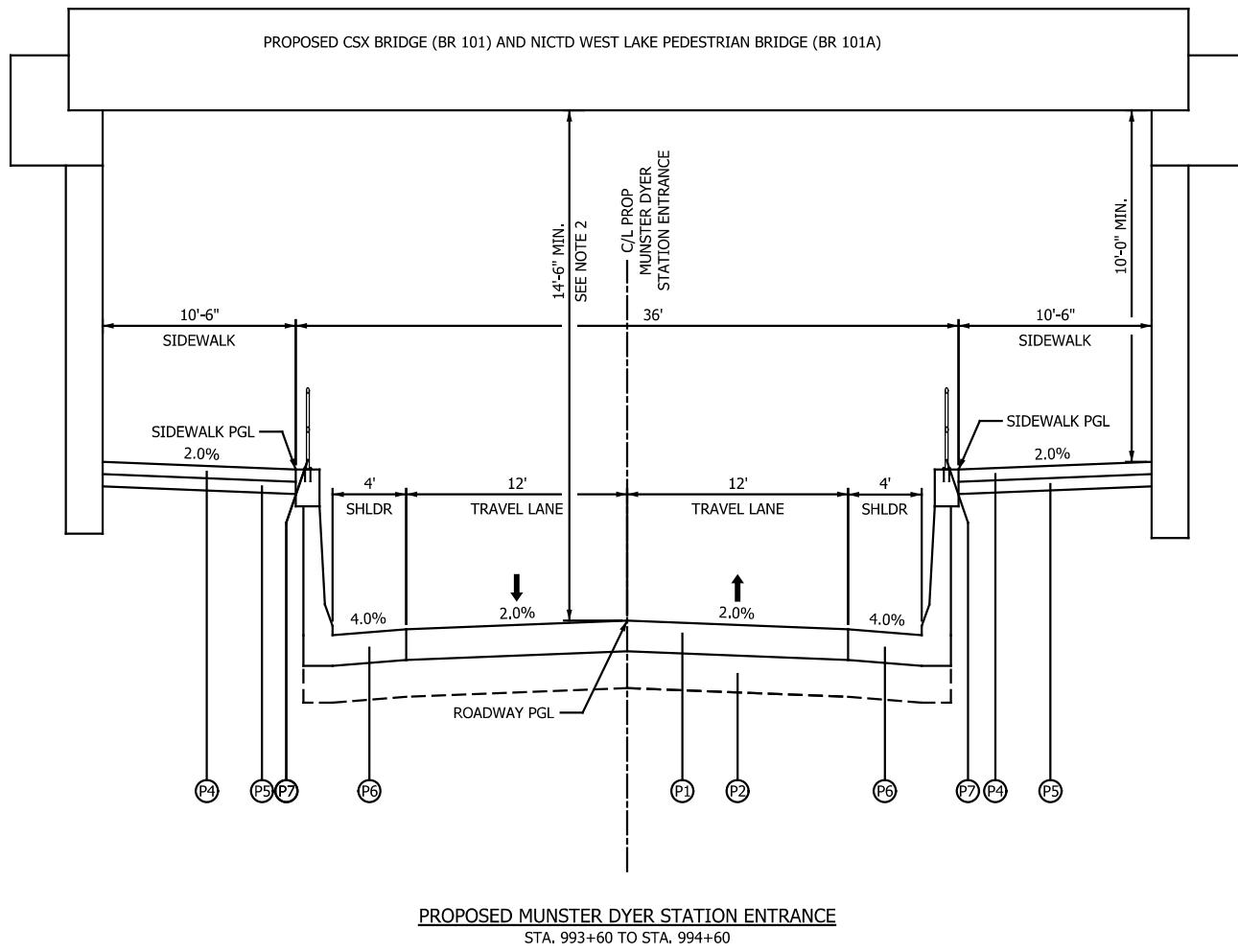
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NOT FOR CONSTRUCTION SERIES RDTYP-1 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
 SINGLE TRACK

**MUNSTER DYER STATION ENTRANCE
 ROADWAY TYPICAL SECTIONS**

FILENAME	NICTD_WL_SHT_TYP01.dgn	SHEET	3 OF 31
SCALE	AS NOTED		



- PROPOSED LEGEND**
- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
 - (P2) PROPOSED COMPACTED AGGREGATE 6"
 - (P3) NOT USED
 - (P4) PROPOSED CONCRETE SIDEWALK 4"
 - (P5) PROPOSED AGGREGATE BASE 4"
 - (P6) PROPOSED CONCRETE BARRIER AND RETAINING WALL
 - (P7) PROPOSED HANDRAIL
 - (P8) NOT USED

- NOTE:**
1. PROPOSED PAVEMENT SECTION FOR STREETS IN THE TOWN OF MUNSTER IS ASSUMED TO MATCH THE PAVEMENT SECTION PROVIDED BY THE CITY OF HAMMOND.
 2. MINIMUM CLEARANCE SHOWN APPLIES TO PROPOSED CSX BRIDGE (BR 101). MINIMUM CLEARANCE TO PEDESTRIAN BRIDGE (BR 101A) IS 17'-6".

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ISSUE	DATE	DESCRIPTION



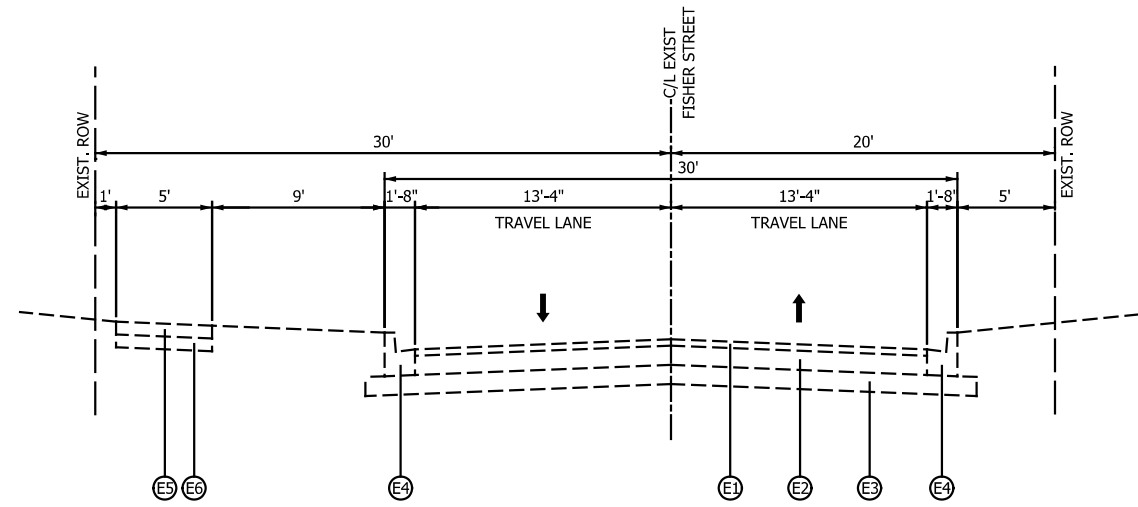
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NOT FOR CONSTRUCTION SERIES RDTYP-2 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18 SINGLE TRACK

MUNSTER DYER STATION ENTRANCE ROADWAY TYPICAL SECTIONS

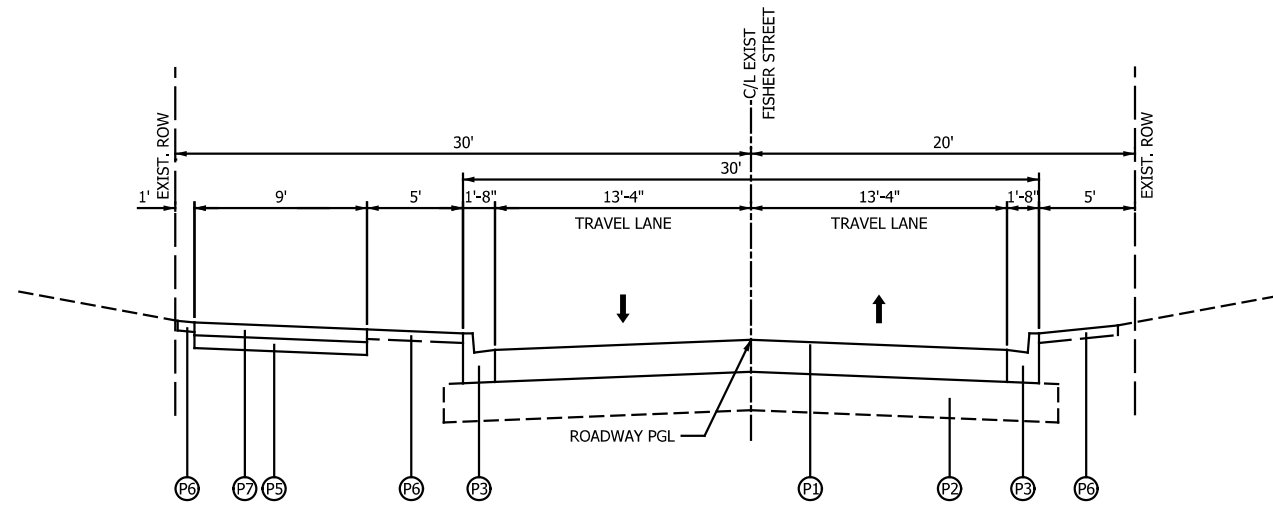
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SCALE	AS NOTED		



EXISTING FISHER ST
STA. 1198+00 TO STA. 1201+00

EXISTING LEGEND

- E1 EXISTING BITUMINOUS SURFACE
- E2 EXISTING BITUMINOUS BASE
- E3 EXISTING AGGREGATE SUBBASE
- E4 EXISTING CONCRETE CURB AND GUTTER
- E5 EXISTING SIDEWALK
- E6 EXISTING AGGREGATE BASE



PROPOSED FISHER ST
STA. 1198+30 TO STA. 1200+50

PROPOSED LEGEND

- P1 PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
- P2 PROPOSED COMPACTED AGGREGATE 6"
- P3 PROPOSED CONCRETE CURB AND GUTTER
- P4 PROPOSED CONCRETE SIDEWALK 4"
- P5 PROPOSED AGGREGATE BASE 4"
- P6 PROPOSED SEEDING AND TOPSOIL 4"
- P7 PROPOSED SHARED-USE PATH - 3" HMA

NOTE:

1. PROPOSED PAVEMENT SECTION FOR STREETS IN THE TOWN OF MUNSTER IS ASSUMED TO MATCH THE PAVEMENT SECTION PROVIDED BY THE CITY OF HAMMOND.
2. PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

NOT FOR CONSTRUCTION SERIES RDTYP-3 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

**FISHER STREET
ROADWAY TYPICAL SECTIONS**

FILENAME NICTD_WL_SHT_TYP05.dgn SHEET
SCALE AS NOTED **5 OF 31**

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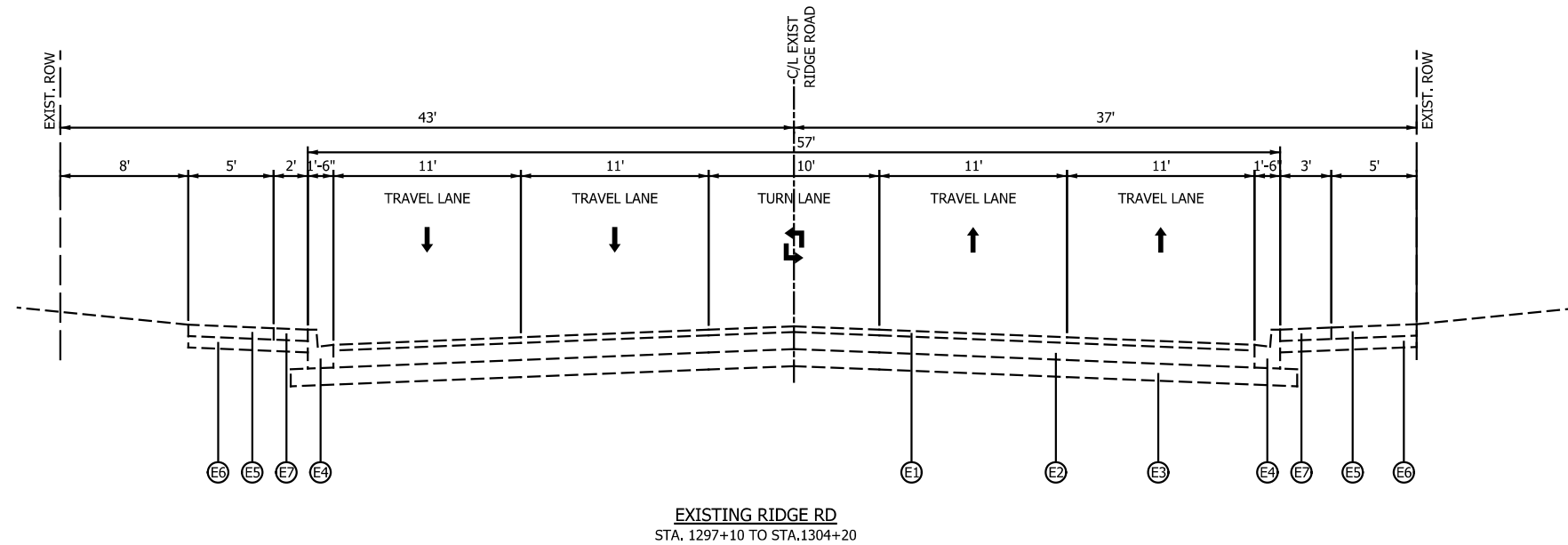


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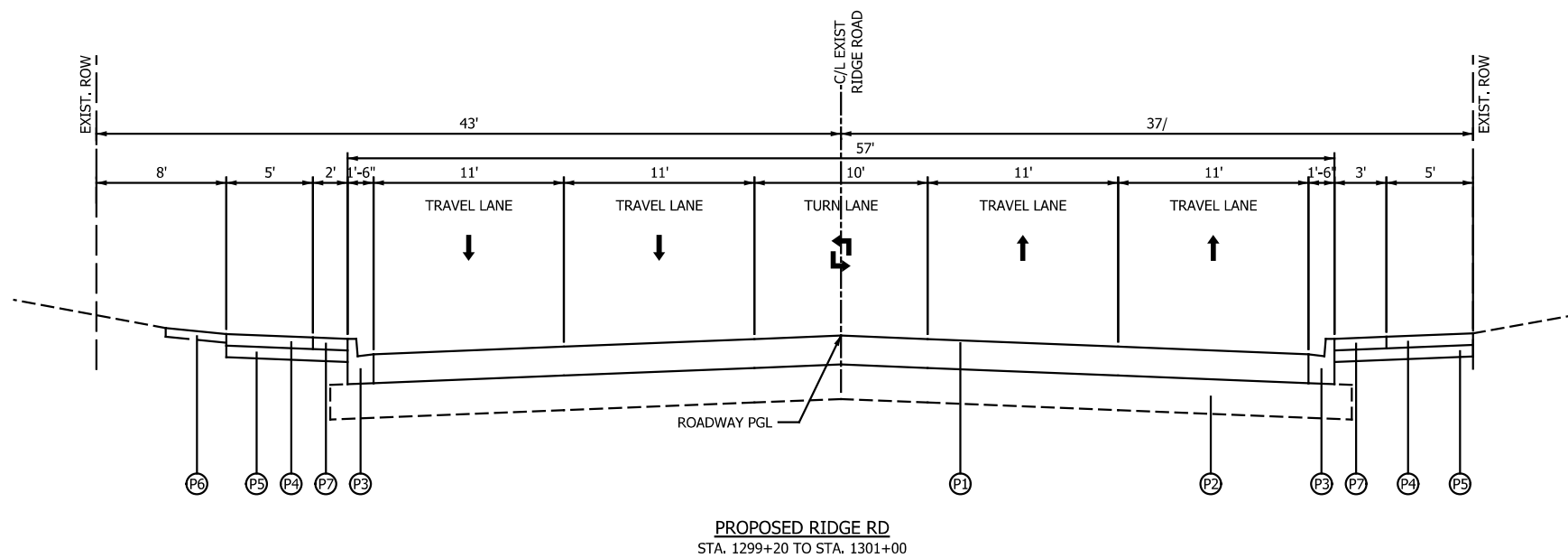


DYER TO HAMMOND, INDIANA

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DATE:	07/21/17



- EXISTING LEGEND**
- (E1) EXISTING BITUMINOUS SURFACE
 - (E2) EXISTING BITUMINOUS BASE
 - (E3) EXISTING AGGREGATE SUBBASE
 - (E4) EXISTING CONCRETE CURB AND GUTTER
 - (E5) EXISTING SIDEWALK
 - (E6) EXISTING AGGREGATE BASE
 - (E7) EXISTING DECORATIVE BRICK PAVING



- PROPOSED LEGEND**
- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
 - (P2) PROPOSED COMPACTED AGGREGATE 6"
 - (P3) PROPOSED CONCRETE CURB AND GUTTER
 - (P4) PROPOSED CONCRETE SIDEWALK 4"
 - (P5) PROPOSED AGGREGATE BASE 4"
 - (P6) PROPOSED SEEDING AND TOPSOIL 4"
 - (P7) PROPOSED DECORATIVE BRICK PAVING

NOTE:

- PROPOSED PAVEMENT SECTION FOR STREETS IN THE TOWN OF MUNSTER IS ASSUMED TO MATCH THE PAVEMENT SECTION PROVIDED BY THE CITY OF HAMMOND.
- PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

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ISSUE	DATE	DESCRIPTION



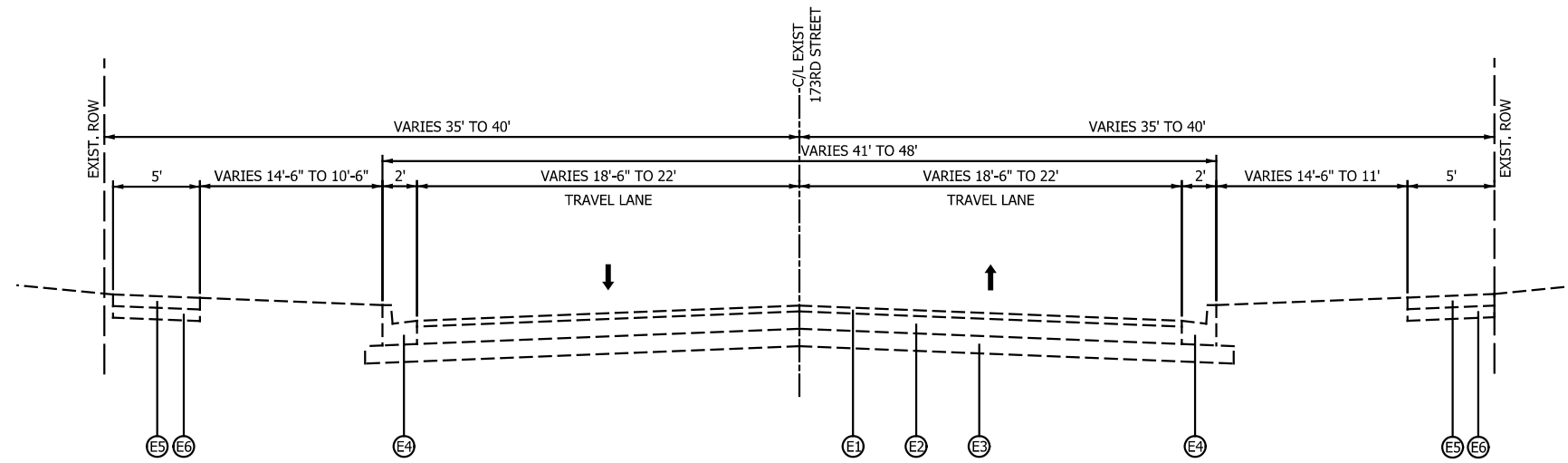
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DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES: RDTYP-4 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

**RIDGE ROAD
ROADWAY TYPICAL SECTIONS**

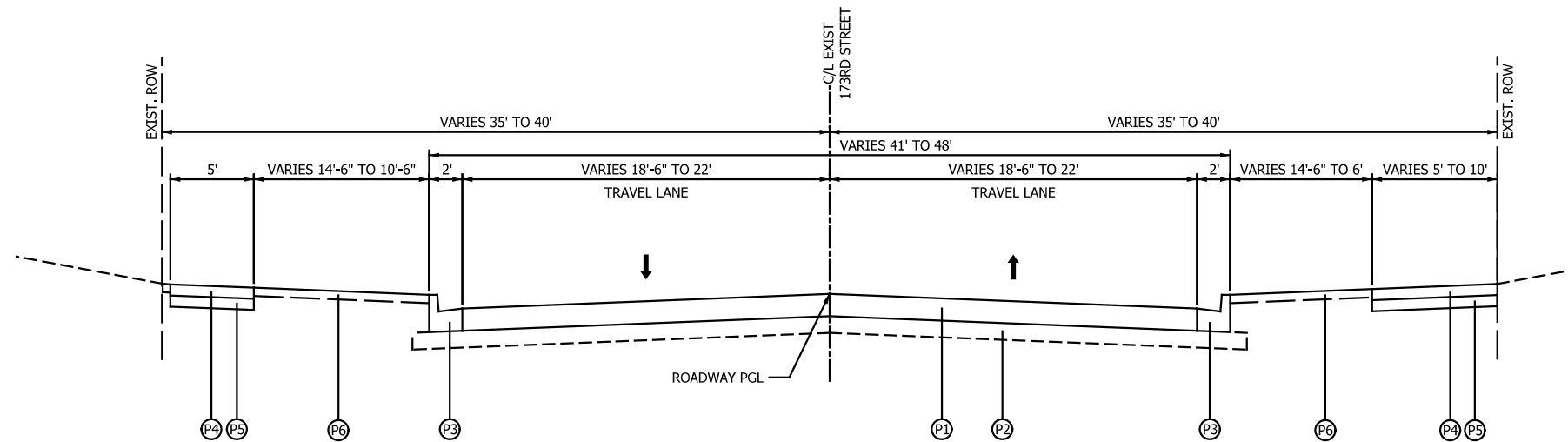
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SCALE	AS NOTED		



EXISTING 173RD ST
STA. 1596+00 TO STA. 1605+35

EXISTING LEGEND

- (E1) EXISTING BITUMINOUS SURFACE
- (E2) EXISTING BITUMINOUS BASE
- (E3) EXISTING AGGREGATE SUBBASE
- (E4) EXISTING CONCRETE CURB AND GUTTER
- (E5) EXISTING SIDEWALK
- (E6) EXISTING AGGREGATE BASE



PROPOSED 173RD ST
STA. 1598+30 TO STA. 1600+65

PROPOSED LEGEND

- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
- (P2) PROPOSED COMPACTED AGGREGATE 6"
- (P3) PROPOSED CONCRETE CURB AND GUTTER
- (P4) PROPOSED CONCRETE SIDEWALK 4"
- (P5) PROPOSED AGGREGATE BASE 4"
- (P6) PROPOSED SEEDING AND TOPSOIL 4"

NOTE:

1. PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

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ISSUE	DATE	DESCRIPTION



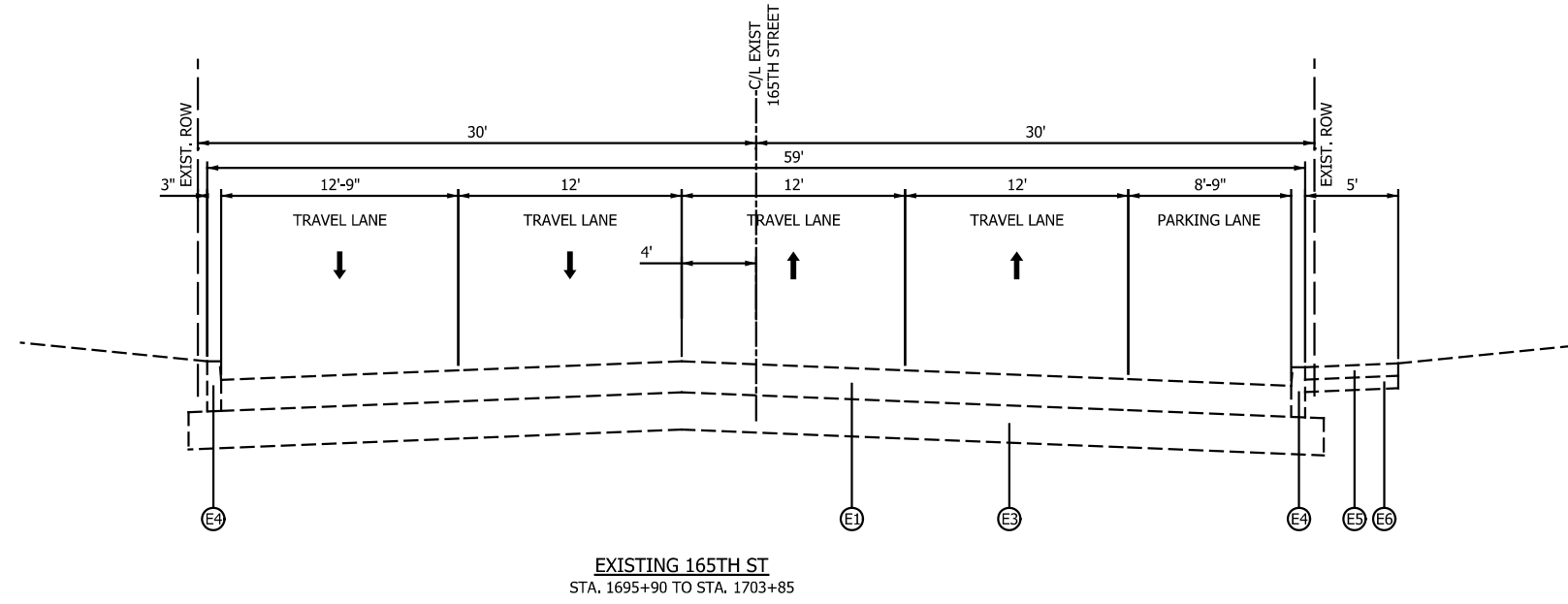
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DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDTYP-5 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

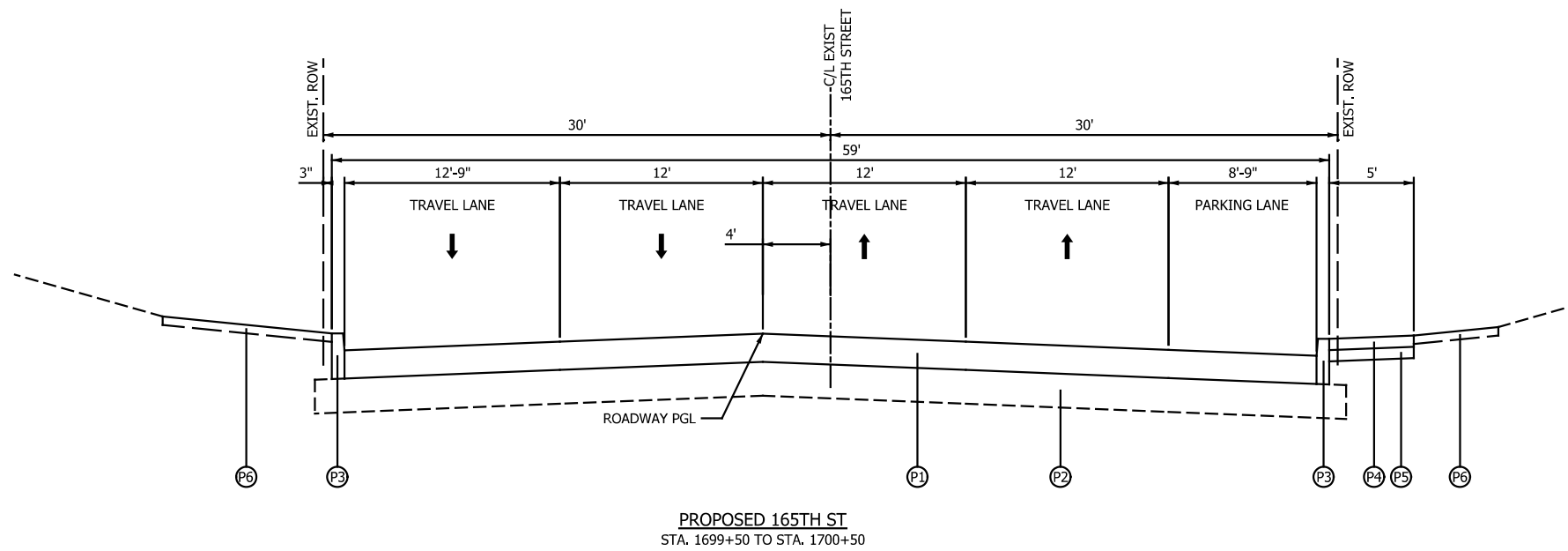
**173RD STREET
ROADWAY TYPICAL SECTIONS**

FILENAME	NICTD_WL_SHT_TYP09.dgn	SHEET	7 OF 31
SCALE	AS NOTED		



EXISTING 165TH ST
STA. 1695+90 TO STA. 1703+85

- EXISTING LEGEND**
- (E1) EXISTING PCC PAVEMENT
 - (E2) NOT USED
 - (E3) EXISTING AGGREGATE SUBBASE
 - (E4) EXISTING CONCRETE CURB
 - (E5) EXISTING SIDEWALK
 - (E6) EXISTING AGGREGATE BASE



PROPOSED 165TH ST
STA. 1699+50 TO STA. 1700+50

- PROPOSED LEGEND**
- (P1) PROPOSED PCC PAVEMENT
 - (P2) PROPOSED AGGREGATE SUBBASE
 - (P3) PROPOSED CONCRETE CURB
 - (P4) PROPOSED CONCRETE SIDEWALK 4"
 - (P5) PROPOSED AGGREGATE BASE 4"
 - (P6) PROPOSED TOPSOIL AND SEEDING 4"

NOTE:
1. PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

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ISSUE	DATE	DESCRIPTION



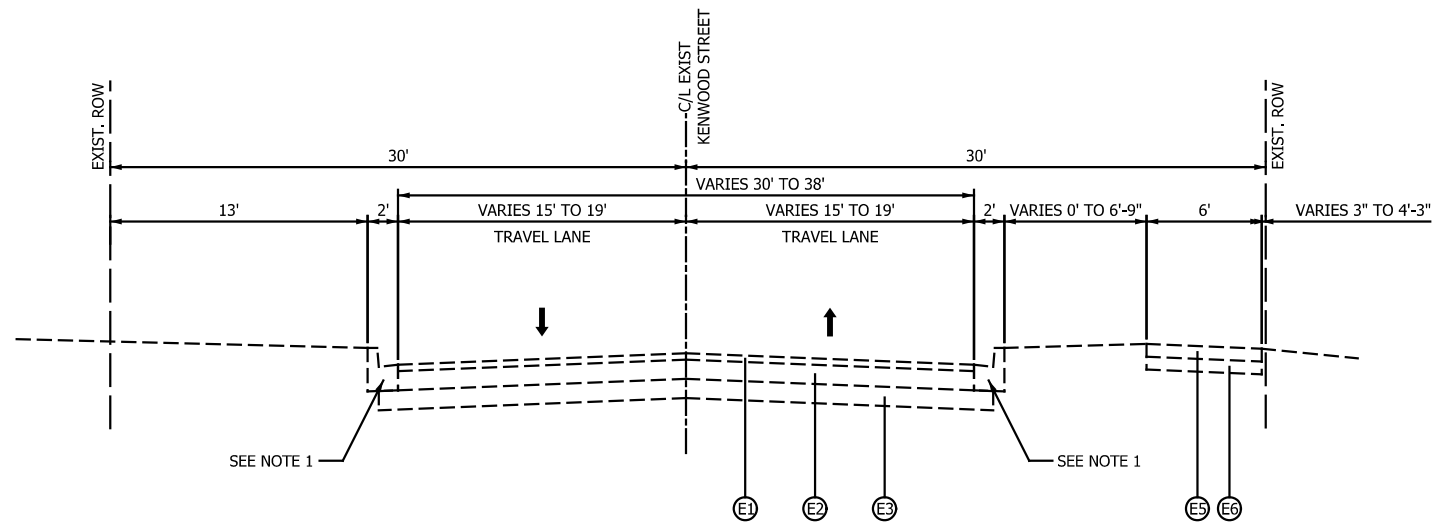
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DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDTYP-6 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18 SINGLE TRACK

165TH STREET ROADWAY TYPICAL SECTIONS

FILENAME	NICTD_WL_SHT_TYP10.dgn	SHEET	8 OF 31
SCALE	AS NOTED		



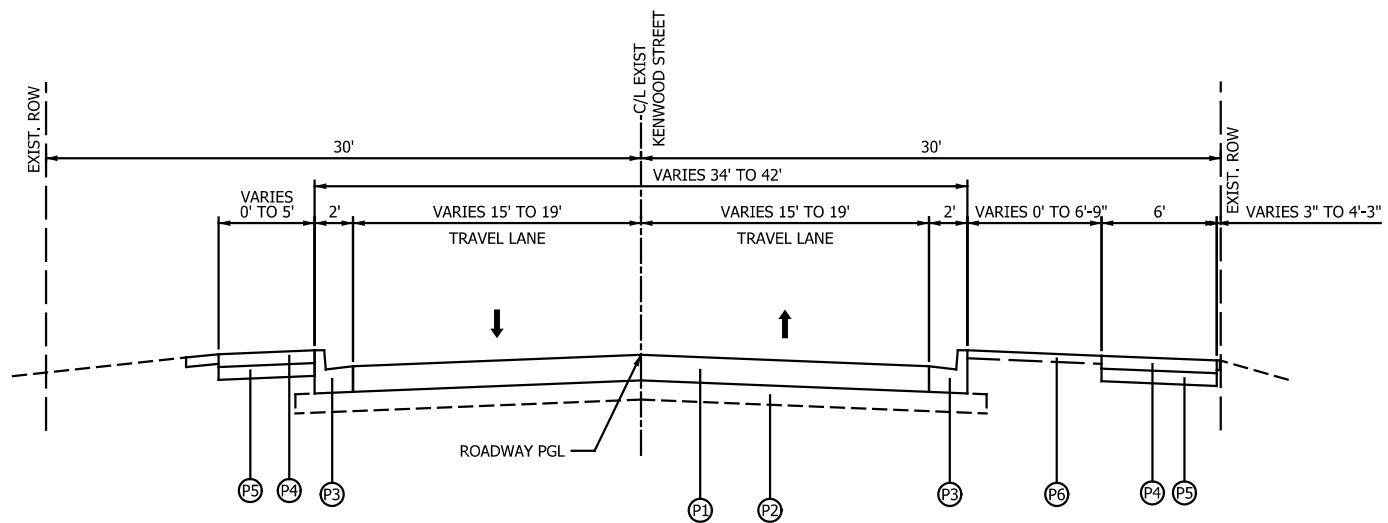
EXISTING KENWOOD ST
STA. 1795+85 TO STA. 1802+00

EXISTING LEGEND

- (E1) EXISTING BITUMINOUS SURFACE
- (E2) EXISTING BITUMINOUS BASE
- (E3) EXISTING AGGREGATE SUBBASE
- (E4) EXISTING CURB AND GUTTER
- (E5) EXISTING SIDEWALK
- (E6) EXISTING AGGREGATE BASE

NOTE:

1. NO EXISTING CURB AND GUTTER ON KENWOOD STREET LOCATED WEST OF BLAINE AVE.



PROPOSED KENWOOD ST
STA. 1799+50 TO STA. 1801+20

PROPOSED LEGEND

- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
- (P2) PROPOSED COMPACTED AGGREGATE 6"
- (P3) PROPOSED CURB AND GUTTER
- (P4) PROPOSED CONCRETE SIDEWALK 4"
- (P5) PROPOSED AGGREGATE BASE 4"
- (P6) PROPOSED SEEDING AND TOPSOIL 4"

NOTE:

1. PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

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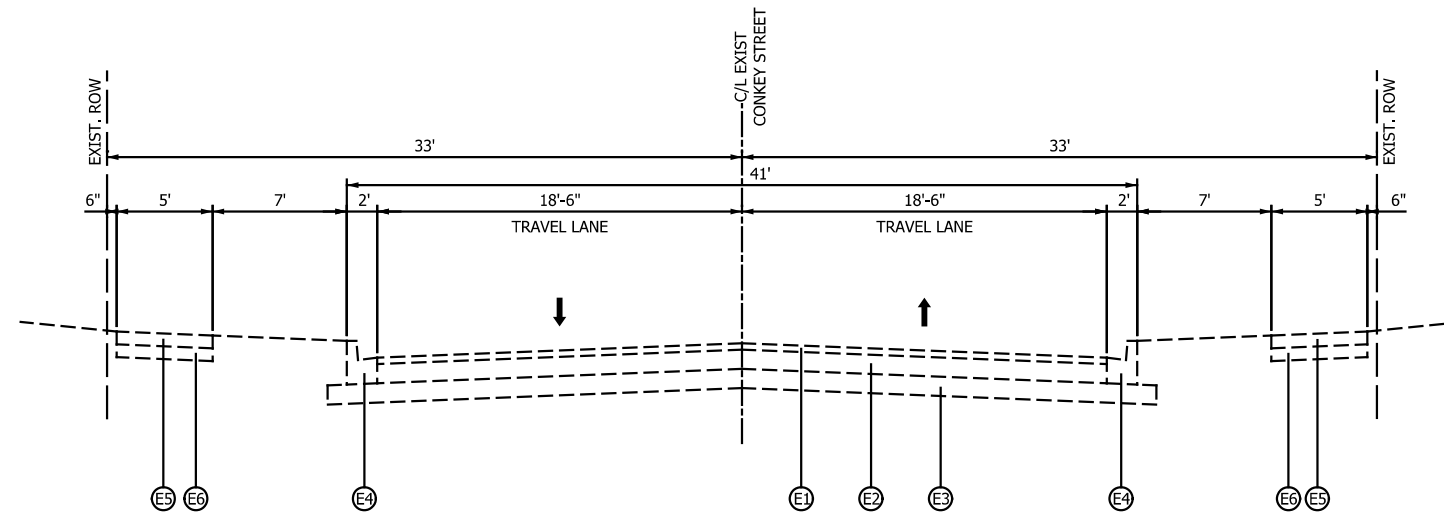
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DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDTYP-7 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

**KENWOOD STREET
ROADWAY TYPICAL SECTIONS**

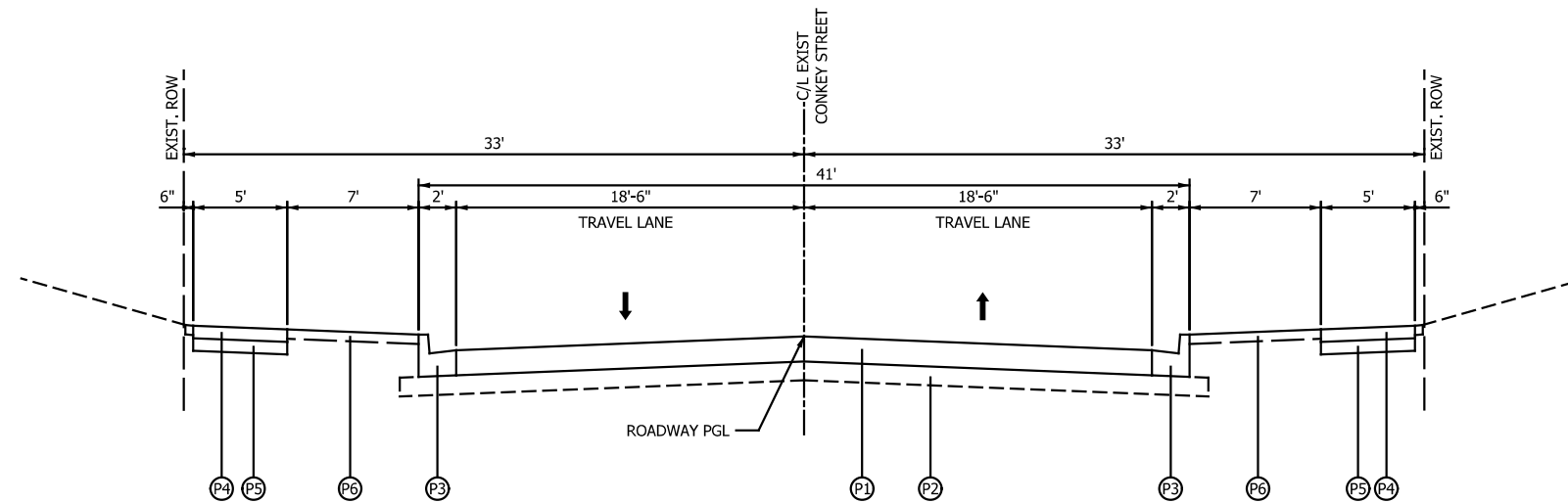
FILENAME	NICTD_WL_SHT_TYP11.dgn	SHEET	9 OF 31
SCALE	AS NOTED		



EXISTING CONKEY ST
STA. 1899+00 TO STA. 1901+00

EXISTING LEGEND

- (E1) EXISTING BITUMINOUS SURFACE
- (E2) EXISTING BITUMINOUS BASE
- (E3) EXISTING AGGREGATE SUBBASE
- (E4) EXISTING CONCRETE CURB AND GUTTER
- (E5) EXISTING SIDEWALK
- (E6) EXISTING AGGREGATE BASE



PROPOSED CONKEY ST
STA. 1899+44 TO STA. 1900+50

PROPOSED LEGEND

- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
- (P2) PROPOSED COMPACTED AGGREGATE 6"
- (P3) PROPOSED CONCRETE CURB AND GUTTER
- (P4) PROPOSED CONCRETE SIDEWALK 4"
- (P5) PROPOSED AGGREGATE BASE 4"
- (P6) PROPOSED SEEDING AND TOPSOIL 4"

NOTE:

1. PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

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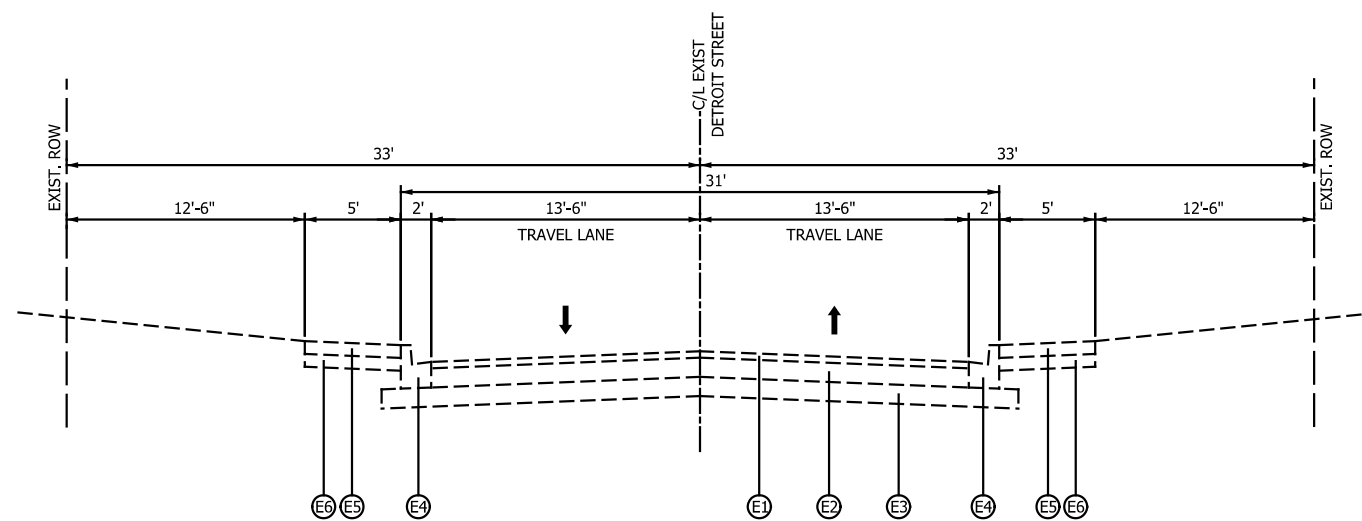
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NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18 SINGLE TRACK

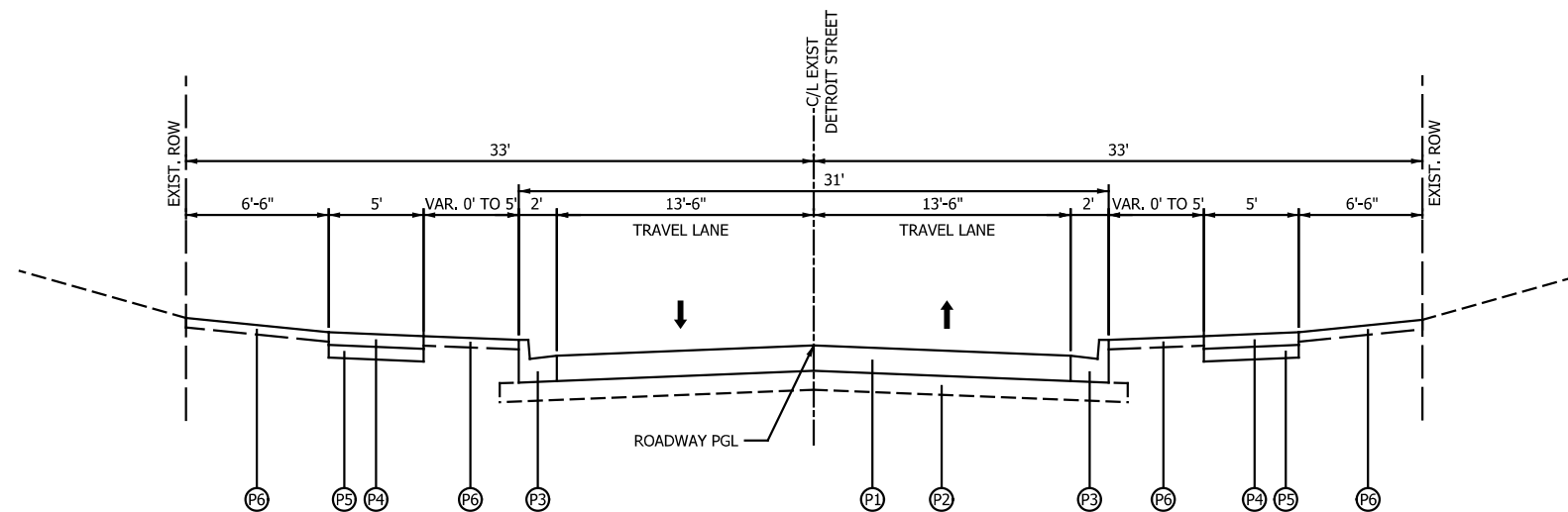
CONKEY STREET ROADWAY TYPICAL SECTIONS

FILENAME	NICTD_WL_SHT_TYP12.dgn	SHEET	10 OF 31
SCALE	AS NOTED		



EXISTING DETROIT ST
STA. 1999+00 TO STA. 2001+00

- EXISTING LEGEND**
- (E1) EXISTING BITUMINOUS SURFACE
 - (E2) EXISTING BITUMINOUS BASE
 - (E3) EXISTING AGGREGATE SUBBASE
 - (E4) EXISTING CONCRETE CURB AND GUTTER
 - (E5) EXISTING SIDEWALK
 - (E6) EXISTING AGGREGATE BASE



PROPOSED DETROIT ST
STA. 1999+45 TO STA. 2000+55

- PROPOSED LEGEND**
- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
 - (P2) PROPOSED COMPACTED AGGREGATE 6"
 - (P3) PROPOSED CONCRETE CURB AND GUTTER
 - (P4) PROPOSED CONCRETE SIDEWALK 4"
 - (P5) PROPOSED AGGREGATE BASE 4"
 - (P6) PROPOSED SEEDING AND TOPSOIL 4"

NOTE:
1. PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

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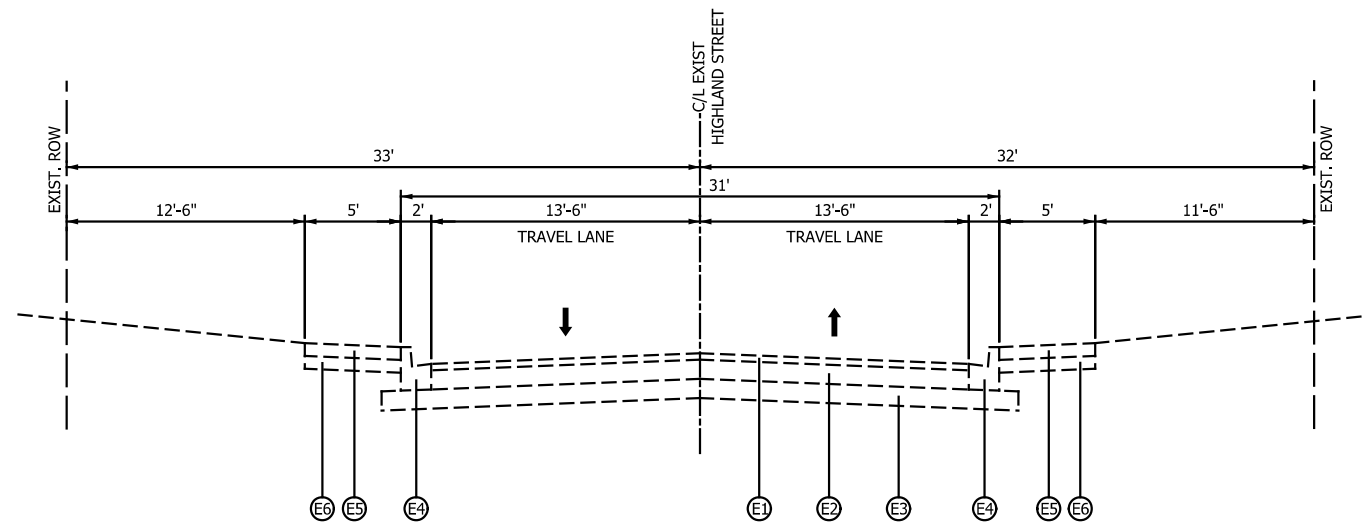
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NOT FOR CONSTRUCTION SERIES RDTYP-9 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

**DETROIT STREET
ROADWAY TYPICAL SECTIONS**

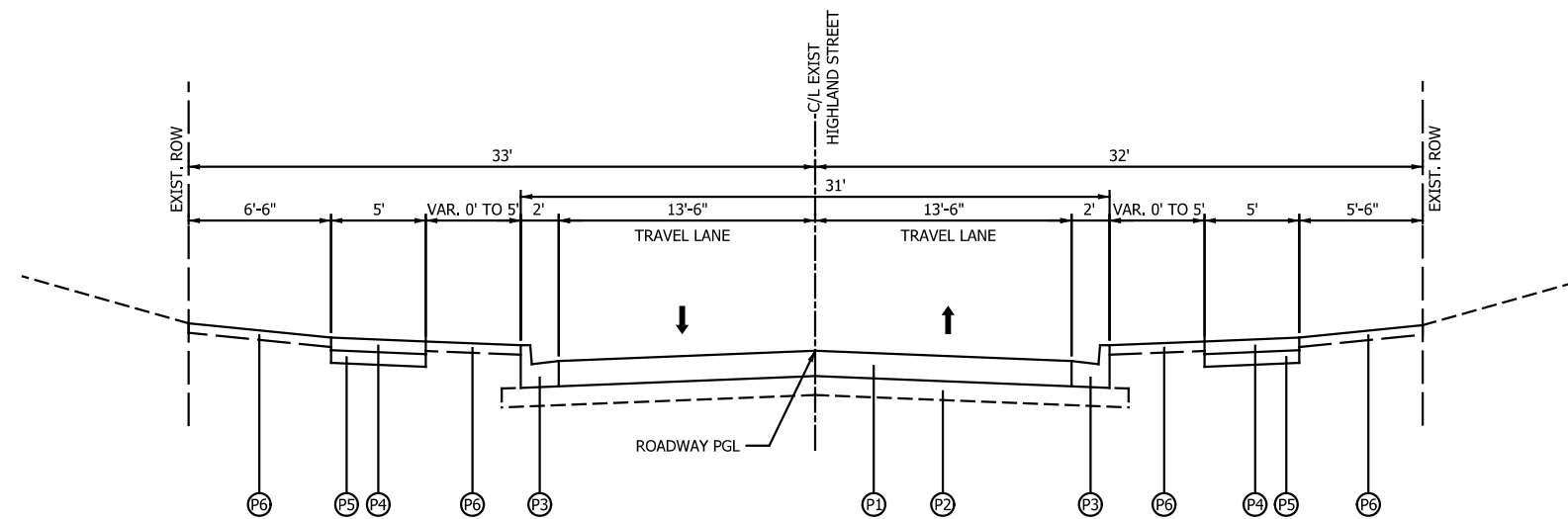
FILENAME	NICTD_WL_SHT_TYP13.dgn	SHEET	11 OF 31
SCALE	AS NOTED		



EXISTING HIGHLAND ST
STA. 2099+00 TO STA. 2101+00

EXISTING LEGEND

- (E1) EXISTING BITUMINOUS SURFACE
- (E2) EXISTING BITUMINOUS BASE
- (E3) EXISTING AGGREGATE SUBBASE
- (E4) EXISTING CONCRETE CURB AND GUTTER
- (E5) EXISTING SIDEWALK
- (E6) EXISTING AGGREGATE BASE



PROPOSED HIGHLAND ST
STA. 2099+35 TO STA. 2100+60

PROPOSED LEGEND

- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
- (P2) PROPOSED COMPACTED AGGREGATE 6"
- (P3) PROPOSED CONCRETE CURB AND GUTTER
- (P4) PROPOSED CONCRETE SIDEWALK 4"
- (P5) PROPOSED AGGREGATE BASE 4"
- (P6) PROPOSED SEEDING AND TOPSOIL 4"

NOTE:

1. PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

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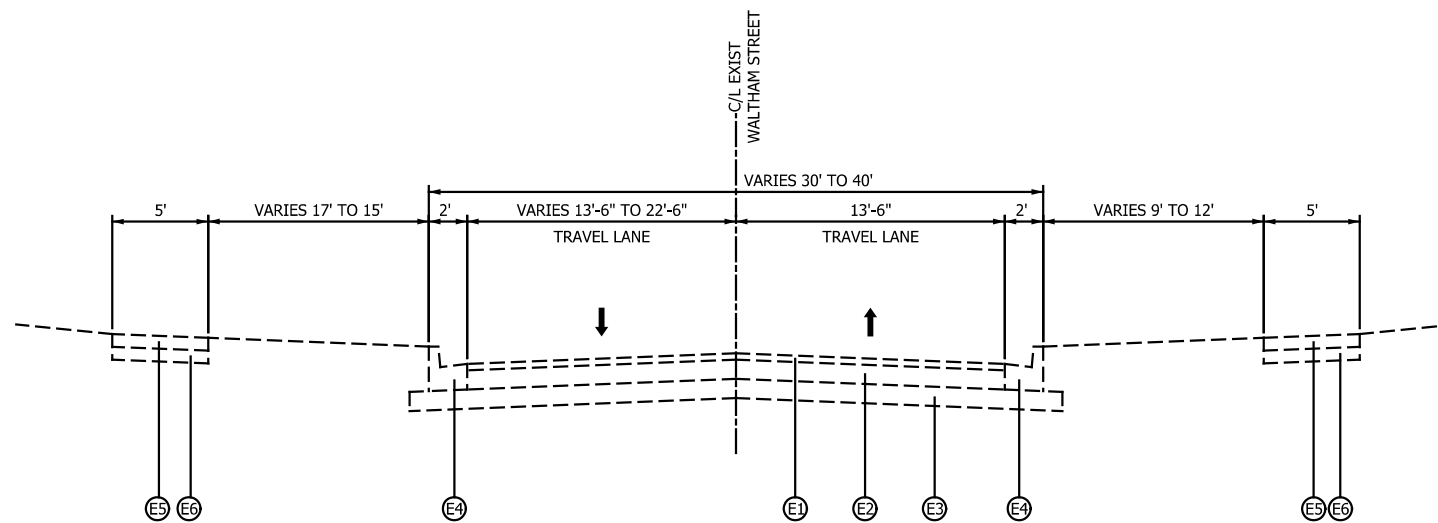
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CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDTYP-10 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

**HIGHLAND STREET
ROADWAY TYPICAL SECTIONS**

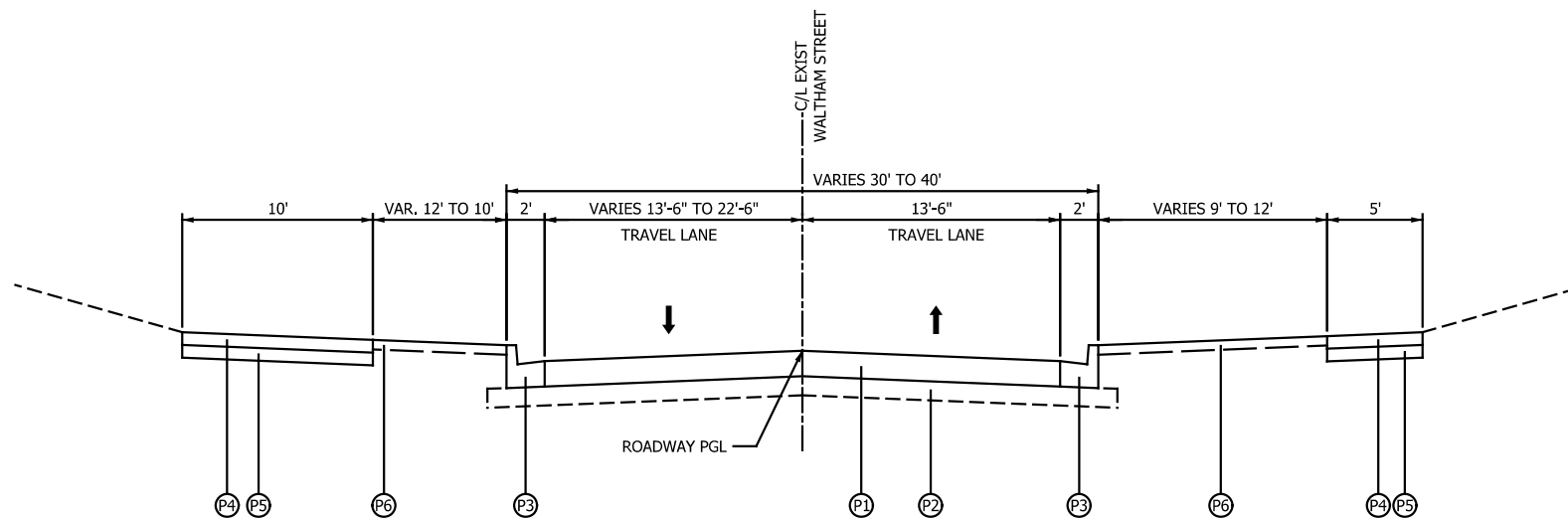
FILENAME	NICTD_WL_SHT_TYP14.dgn	SHEET	12 OF 31
SCALE	AS NOTED		



EXISTING WALTHAM ST
STA. 2199+00 TO STA. 2201+00

EXISTING LEGEND

- ⓔ1 EXISTING BITUMINOUS SURFACE
- ⓔ2 EXISTING BITUMINOUS BASE
- ⓔ3 EXISTING AGGREGATE SUBBASE
- ⓔ4 EXISTING CONCRETE CURB AND GUTTER
- ⓔ5 EXISTING SIDEWALK
- ⓔ6 EXISTING AGGREGATE BASE



PROPOSED WALTHAM ST
STA. 2199+25 TO STA. 2200+52.13

PROPOSED LEGEND

- ⓔ1 PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
- ⓔ2 PROPOSED COMPACTED AGGREGATE 6"
- ⓔ3 PROPOSED CONCRETE CURB AND GUTTER
- ⓔ4 PROPOSED CONCRETE SIDEWALK 4"
- ⓔ5 PROPOSED AGGREGATE BASE 4"
- ⓔ6 PROPOSED SEEDING AND TOPSOIL 4"

NOTE:

1. PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

PLOT DATE: 7/19/2017 10:19:20 PM JKJELIMA



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DYER TO HAMMOND, INDIANA

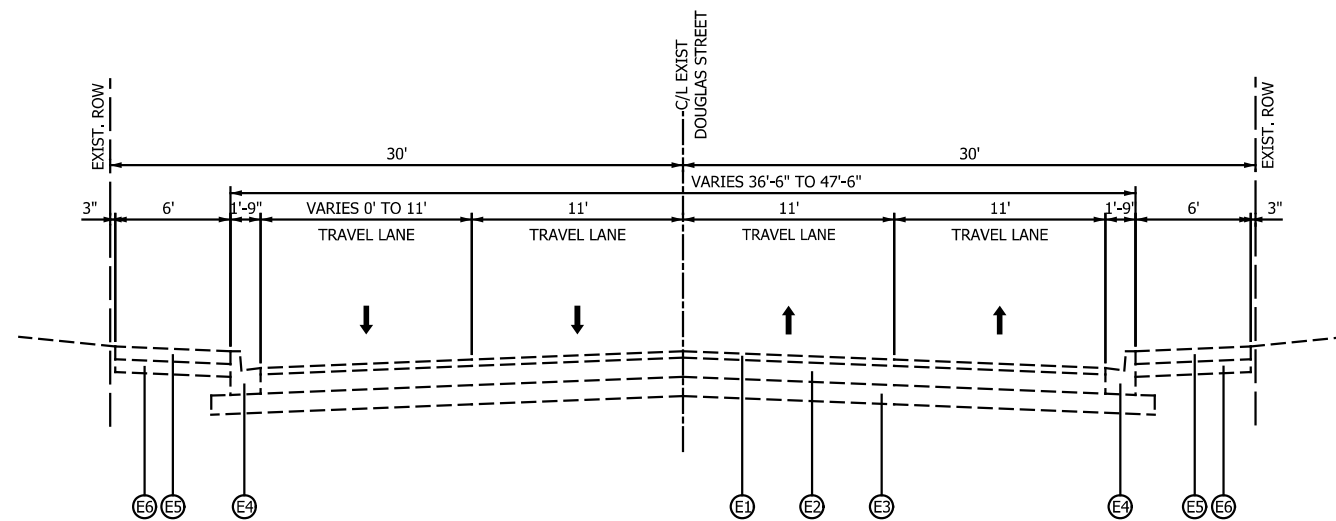
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DRAWN:	BZ
CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDTYP-11 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

WALTHAM STREET
ROADWAY TYPICAL SECTIONS

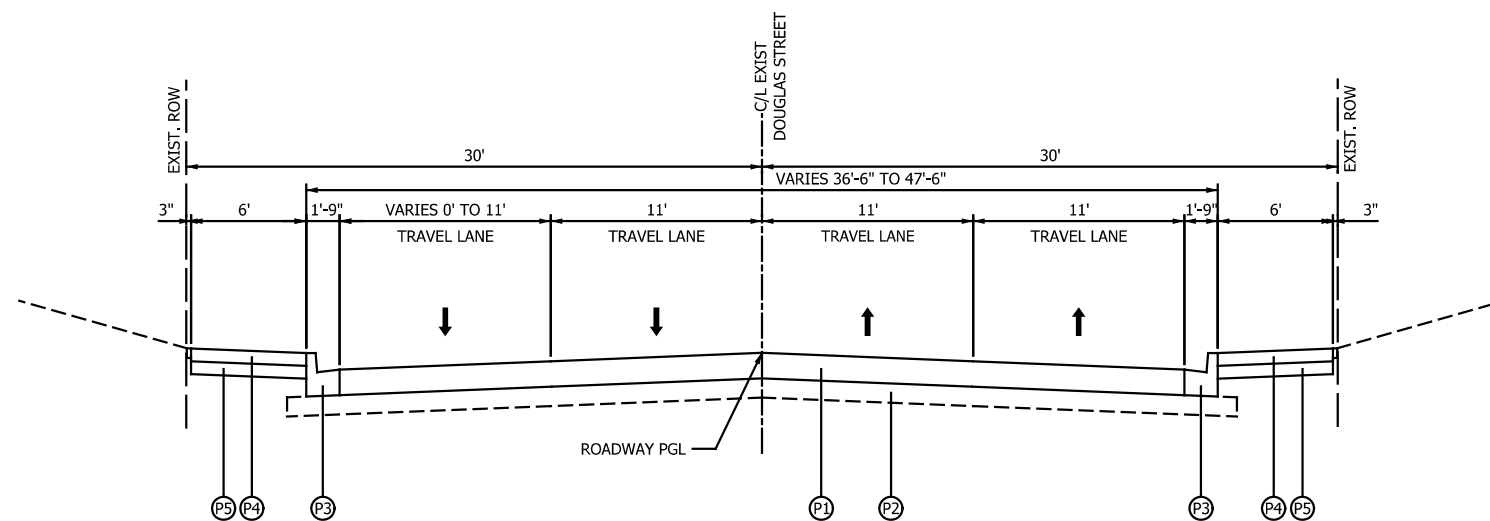
FILENAME	NICTD_WL_SHT_TYP15.dgn	SHEET	13 OF 31
SCALE	AS NOTED		



EXISTING DOUGLAS ST
STA. 2298+00 TO STA. 2302+00

EXISTING LEGEND

- (E1) EXISTING BITUMINOUS SURFACE
- (E2) EXISTING BITUMINOUS BASE
- (E3) EXISTING AGGREGATE SUBBASE
- (E4) EXISTING CONCRETE CURB AND GUTTER
- (E5) EXISTING SIDEWALK
- (E6) EXISTING AGGREGATE BASE



PROPOSED DOUGLAS ST
STA. 2298+60 TO STA. 2301+00

PROPOSED LEGEND

- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
- (P2) PROPOSED COMPACTED AGGREGATE 6"
- (P3) PROPOSED CONCRETE CURB AND GUTTER
- (P4) PROPOSED CONCRETE SIDEWALK 4"
- (P5) PROPOSED AGGREGATE BASE 4"
- (P6) PROPOSED SEEDING AND TOPSOIL 4"

NOTE:

1. PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

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WEST LAKE
CORRIDOR
DYER TO HAMMOND, INDIANA

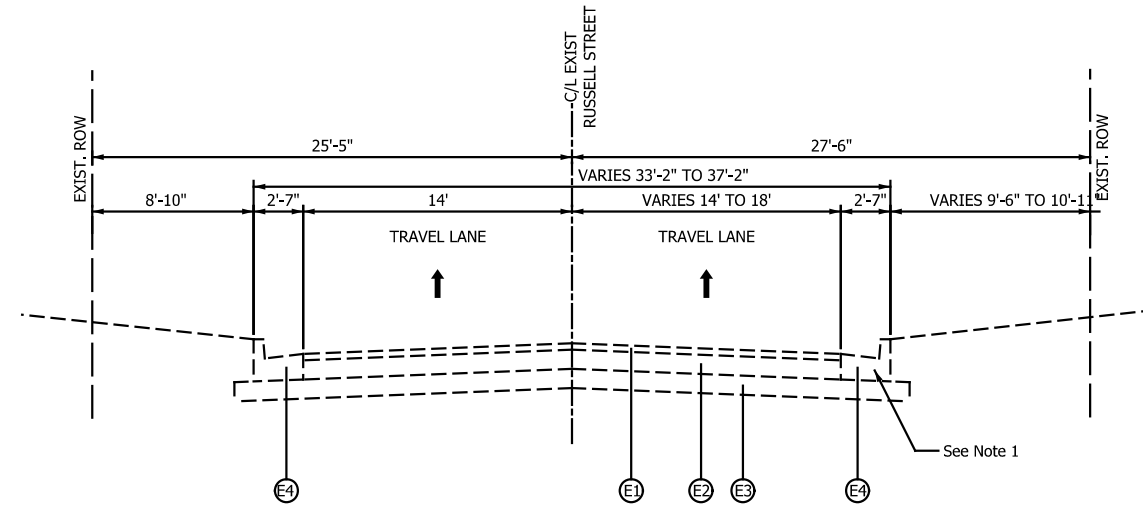
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DRAWN:	BZ
CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDTYP-12 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

**DOUGLAS STREET
ROADWAY TYPICAL SECTIONS**

FILENAME	NICTD_WL_SHT_TYP16.dgn	SHEET	14 OF 31
SCALE	AS NOTED		



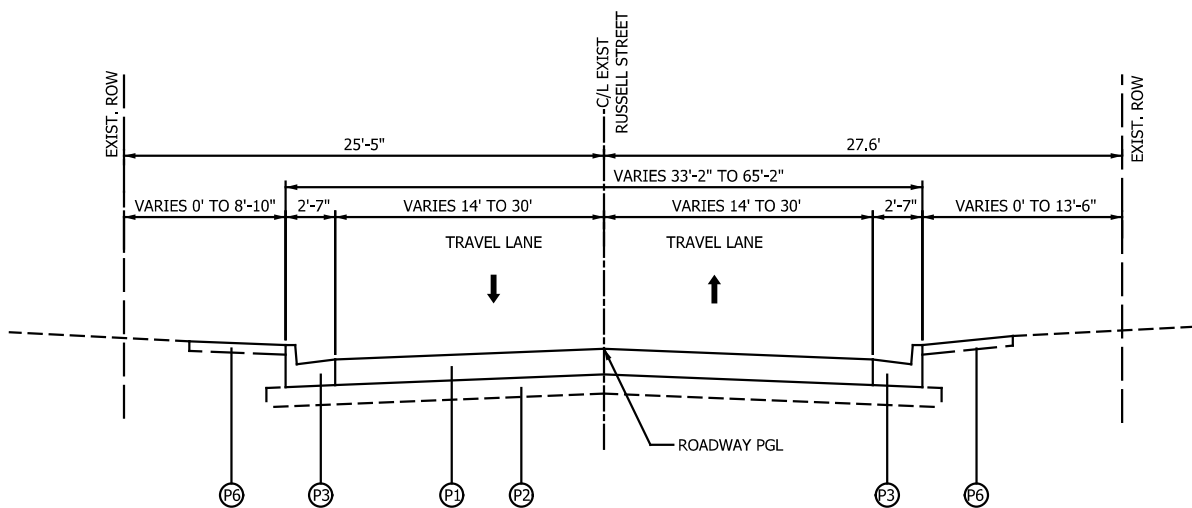
EXISTING RUSSELL ST
STA. 2395+00.00 TO STA. 2405+00.00

EXISTING LEGEND

- (E1) EXISTING BITUMINOUS SURFACE
- (E2) EXISTING BITUMINOUS BASE
- (E3) EXISTING AGGREGATE SUBBASE
- (E4) EXISTING CONCRETE CURB AND GUTTER

NOTE:

1. NO EXISTING CURB AND GUTTER ON RUSSELL STREET LOCATED WEST OF THE TRACKS.



PROPOSED RUSSELL ST
STA. 2399+37.92 TO STA. 2405+00.00

PROPOSED LEGEND

- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
- (P2) PROPOSED COMPACTED AGGREGATE 6"
- (P3) PROPOSED CONCRETE CURB AND GUTTER
- (P4) NOT USED
- (P5) NOT USED
- (P6) PROPOSED SEEDING AND TOPSOIL 4"

NOTE:

1. PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

PLOT DATE: 7/19/2017 10:19:52 PM JKJELLMA



ISSUE	DATE	DESCRIPTION



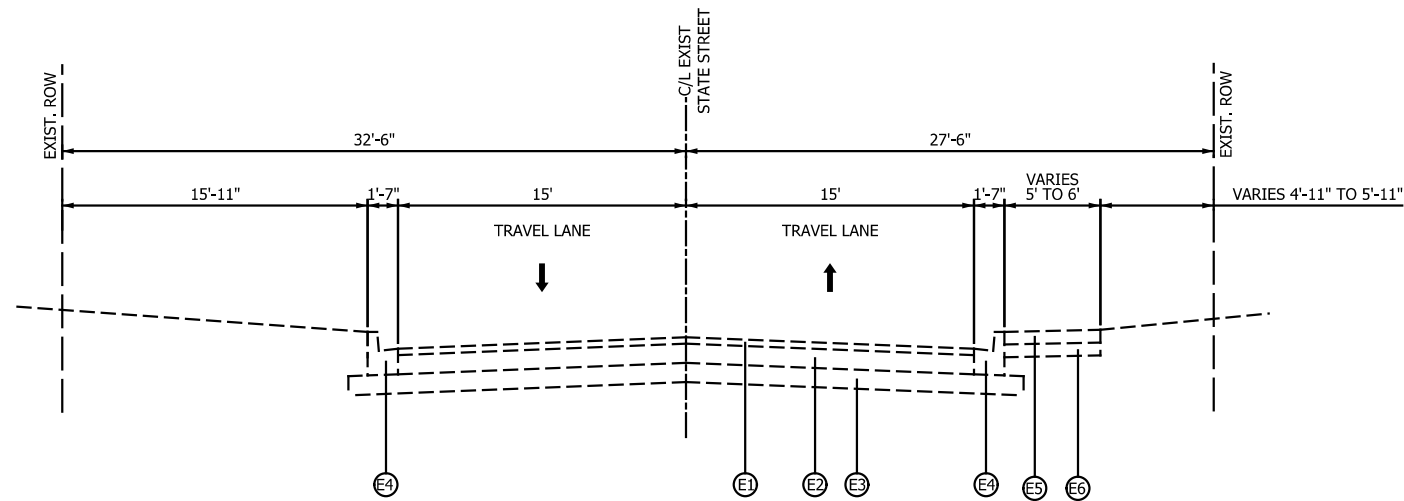
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DRAWN:	BZ
CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDTYP-13 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18 SINGLE TRACK

RUSSELL STREET ROADWAY TYPICAL SECTIONS

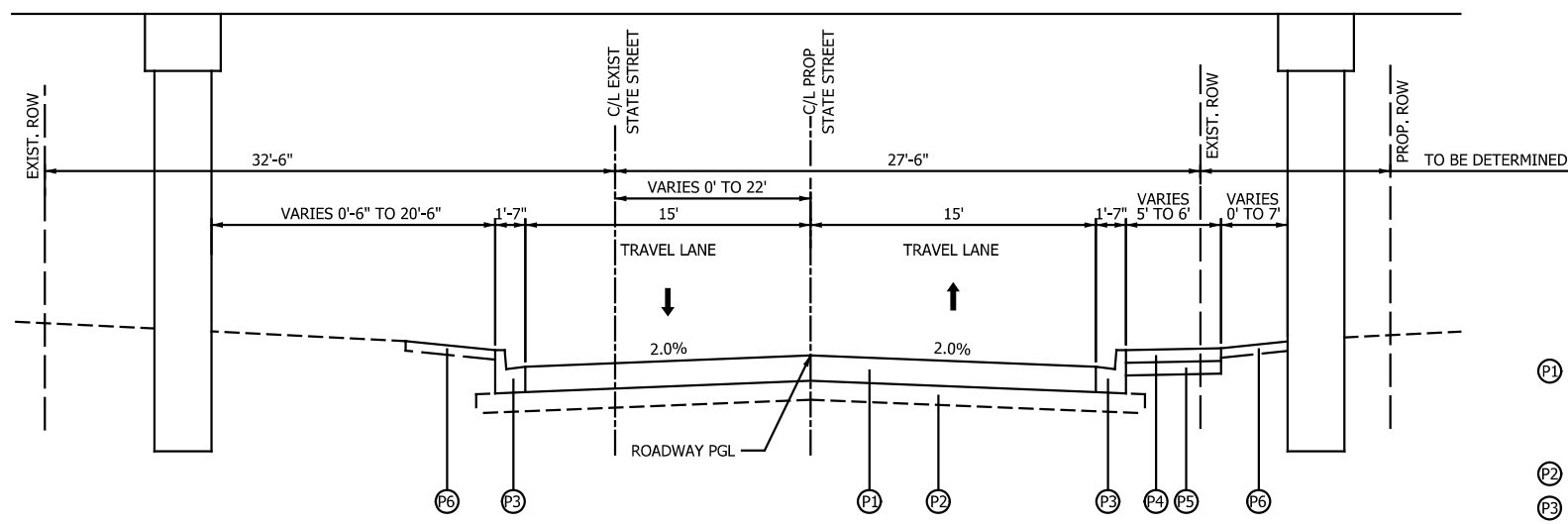
FILENAME	NICTD_WL_SHT_TYP17.dgn	SHEET	15 OF 31
SCALE	AS NOTED		



EXISTING STATE ST
STA. 2697+52.42 TO STA. 2703+00.00

- EXISTING LEGEND**
- (E1) EXISTING BITUMINOUS SURFACE
 - (E2) EXISTING BITUMINOUS BASE
 - (E3) EXISTING AGGREGATE SUBBASE
 - (E4) EXISTING CONCRETE CURB AND GUTTER
 - (E5) EXISTING SIDEWALK
 - (E6) EXISTING AGGREGATE BASE

PROPOSED NICTD WEST LAKE BRIDGE (BR 109A)



PROPOSED STATE ST
STA. 2697+56.32 TO STA. 2701+18.11

- PROPOSED LEGEND**
- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
 - (P2) PROPOSED COMPACTED AGGREGATE 6"
 - (P3) PROPOSED CONCRETE CURB AND GUTTER
 - (P4) PROPOSED CONCRETE SIDEWALK 4"
 - (P5) PROPOSED AGGREGATE BASE 4"
 - (P6) PROPOSED SEEDING AND TOPSOIL 4"

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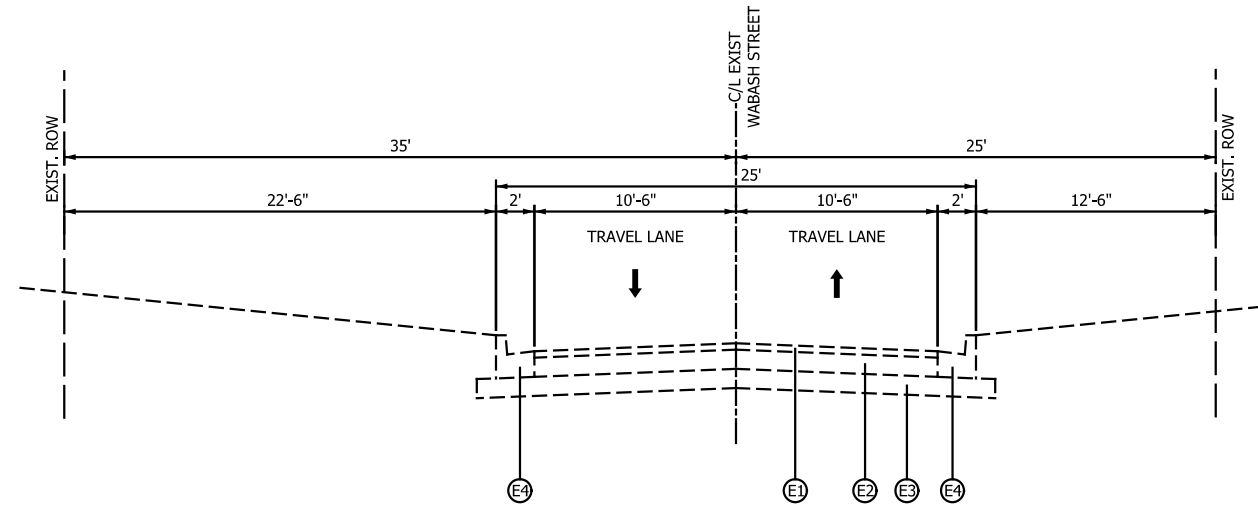
ISSUE	DATE	DESCRIPTION



DESIGNED:	BZ
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CHECKED:	TH
DATE:	07/21/17

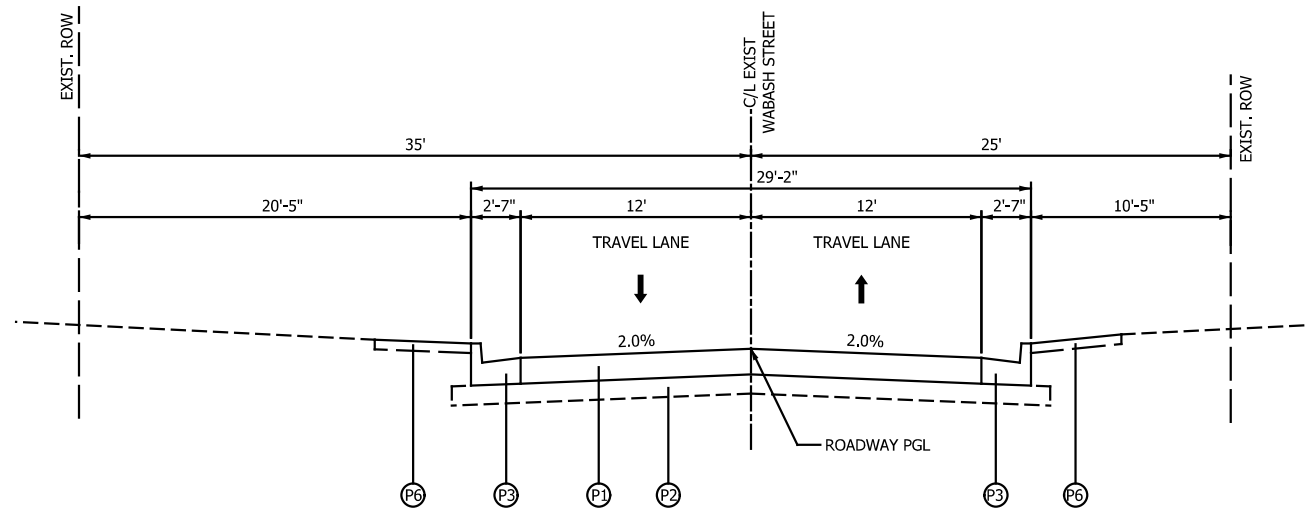
NOT FOR CONSTRUCTION SERIES RDTYP-14 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18 SINGLE TRACK	
STATE STREET ROADWAY TYPICAL SECTIONS	
FILENAME	NICTD_WL_SHT_TYP20.dgn
SCALE	AS NOTED
SHEET	16 OF 31



EXISTING WABASH ST
STA. 5604+00.00 TO STA. 5701+00.00

- EXISTING LEGEND**
- (E1) EXISTING BITUMINOUS SURFACE
 - (E2) EXISTING BITUMINOUS BASE
 - (E3) EXISTING AGGREGATE SUBBASE
 - (E4) EXISTING CONCRETE CURB AND GUTTER



PROPOSED WABASH ST
STA. 5697+40.71 TO STA. 5700+50.00

- PROPOSED LEGEND**
- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
 - (P2) PROPOSED COMPACTED AGGREGATE 6"
 - (P3) PROPOSED CONCRETE CURB AND GUTTER
 - (P4) NOT USED
 - (P5) NOT USED
 - (P6) PROPOSED SEEDING AND TOPSOIL 4"

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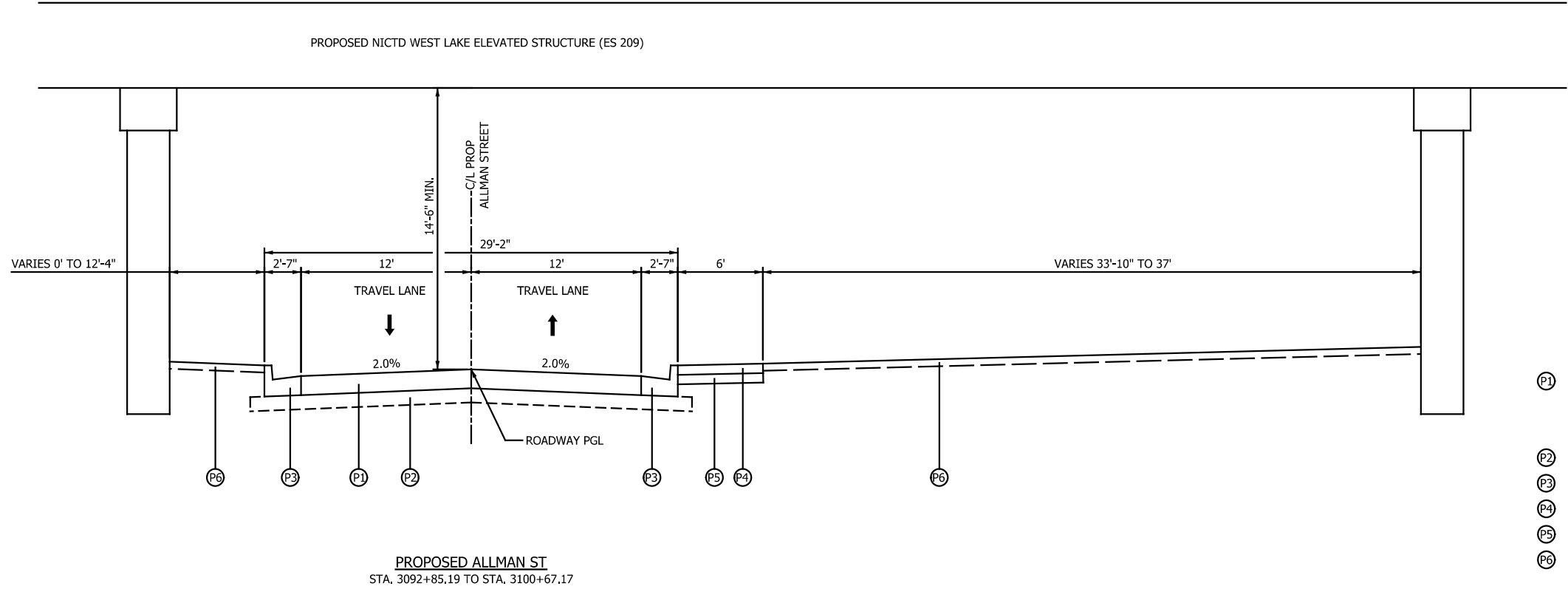
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CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDTYP-15 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

**WABASH STREET
ROADWAY TYPICAL SECTIONS**

FILENAME	NICTD_WL_SHT_TYP23.dgn	SHEET	17 OF 31
SCALE	AS NOTED		



PROPOSED LEGEND

- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
- (P2) PROPOSED COMPACTED AGGREGATE 6"
- (P3) PROPOSED CONCRETE CURB AND GUTTER
- (P4) PROPOSED CONCRETE SIDEWALK 4"
- (P5) PROPOSED AGGREGATE BASE 4"
- (P6) PROPOSED SEEDING AND TOPSOIL 4"

PLOT DATE: 7/19/2017 10:20:36 PM JKJELLMA

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WEST LAKE
CORRIDOR
DYER TO HAMMOND, INDIANA

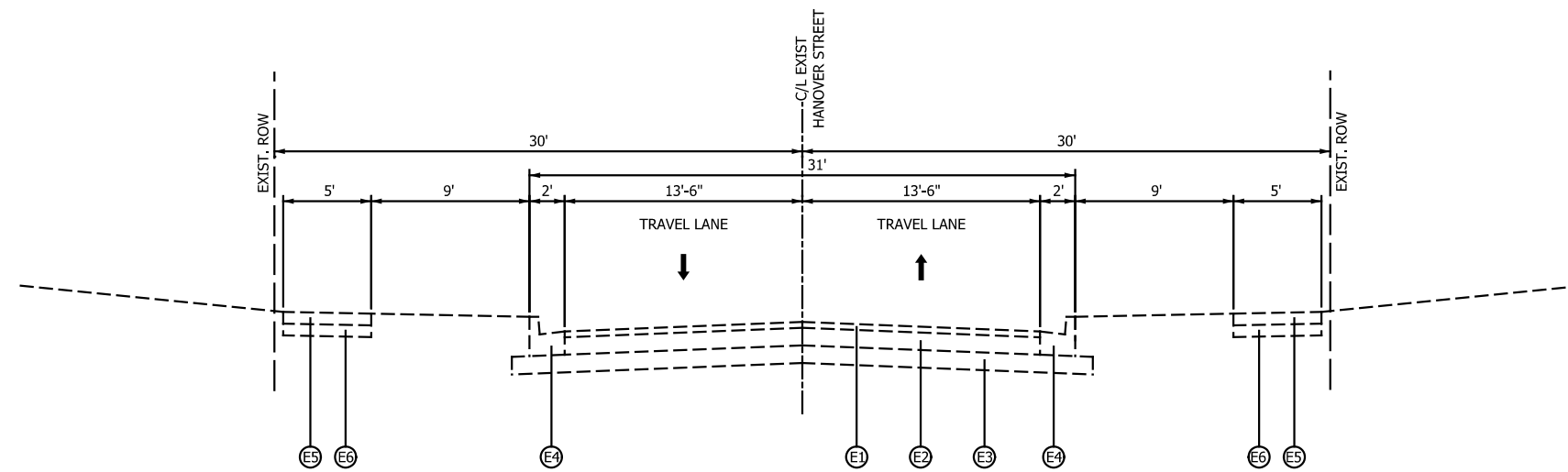
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CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDTYP-16 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

**ALLMAN STREET
ROADWAY TYPICAL SECTIONS**

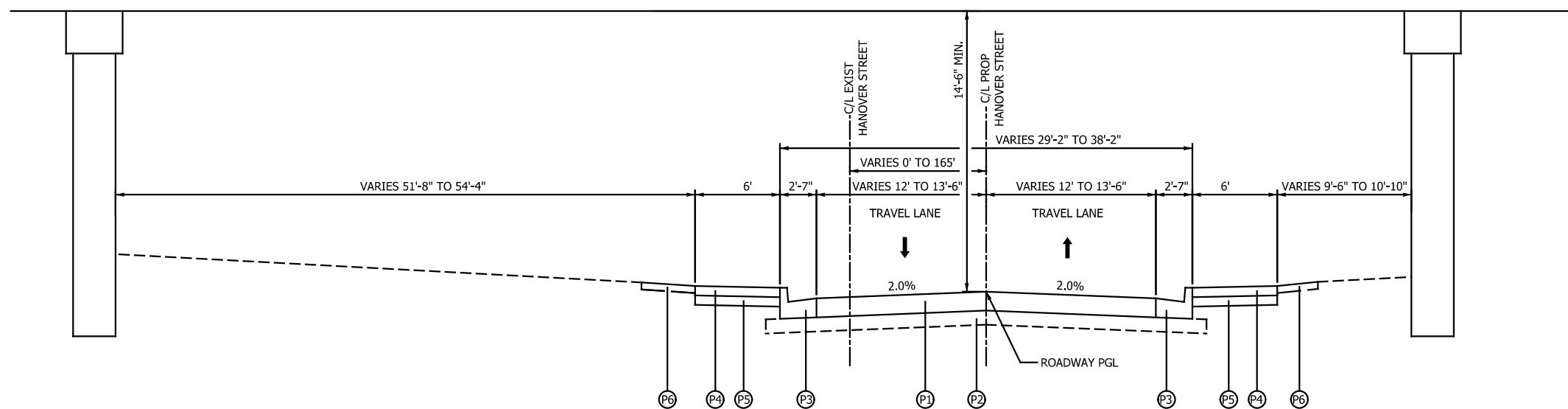
FILENAME	NICTD_WL_SHT_TYP24.dgn	SHEET	18 OF 31
SCALE	AS NOTED		



EXISTING HANOVER ST
STA. 6000+00.00 TO STA. 6006+00.00

- EXISTING LEGEND**
- (E1) EXISTING BITUMINOUS SURFACE
 - (E2) EXISTING BITUMINOUS BASE
 - (E3) EXISTING AGGREGATE SUBBASE
 - (E4) EXISTING CONCRETE CURB AND GUTTER
 - (E5) EXISTING SIDEWALK
 - (E6) EXISTING AGGREGATE BASE

PROPOSED NICTD WEST LAKE ELEVATED STRUCTURE (ES 209)



PROPOSED HANOVER ST
STA. 6000+15.13 TO STA. 6003+50.00

- PROPOSED LEGEND**
- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
 - (P2) PROPOSED COMPACTED AGGREGATE 6"
 - (P3) PROPOSED CONCRETE CURB AND GUTTER
 - (P4) PROPOSED CONCRETE SIDEWALK 4"
 - (P5) PROPOSED AGGREGATE BASE 4"
 - (P6) PROPOSED SEEDING AND TOPSOIL 4"

PLOT DATE: 7/19/2017 10:20:48 PM JKJELIMA



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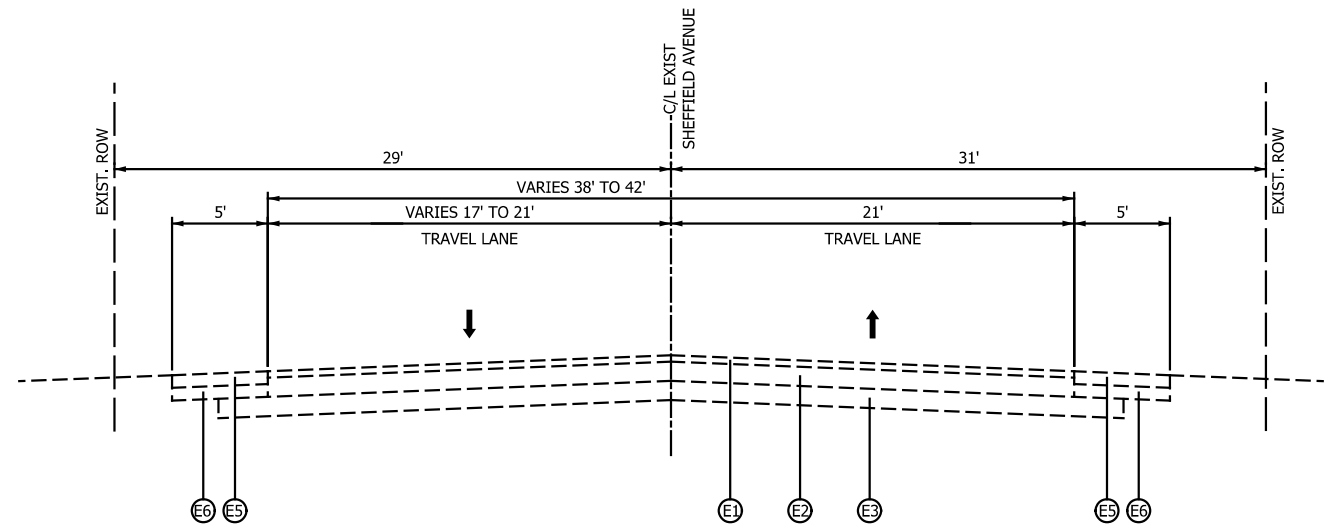
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CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDTYP-17 OF RDTYP-18

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

**HANOVER STREET
ROADWAY TYPICAL SECTIONS**

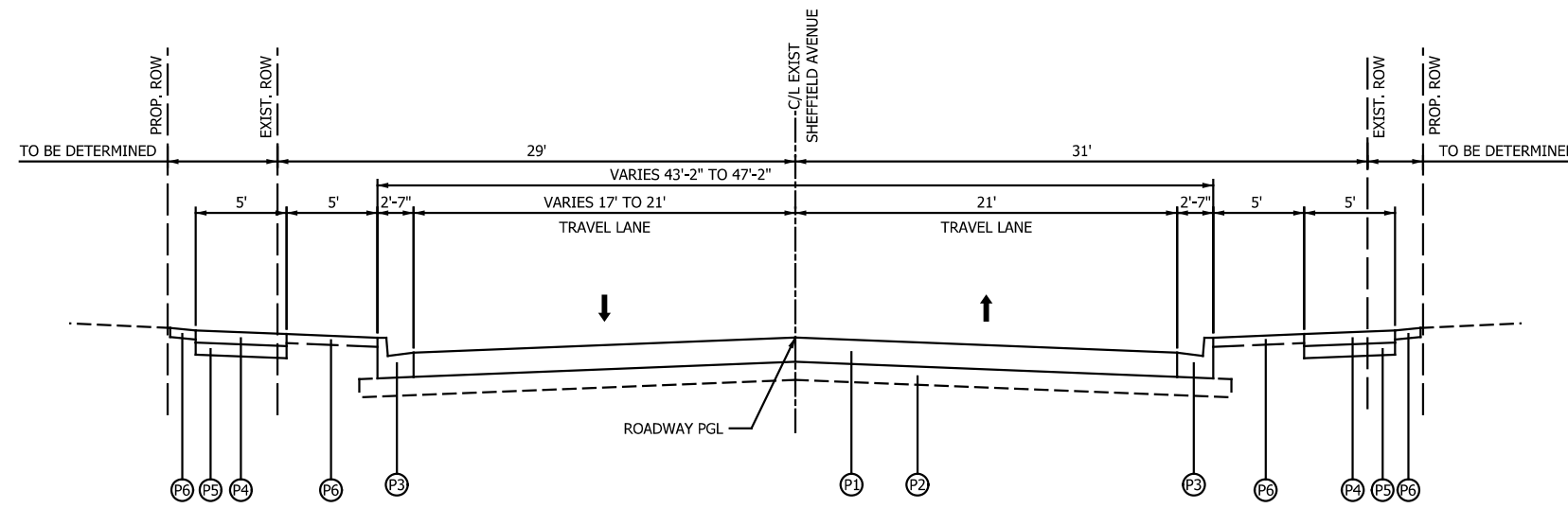
FILENAME	NICTD_WL_SHT_TYP25.dgn	SHEET	19 OF 31
SCALE	AS NOTED		



EXISTING SHEFFIELD AVE
STA. 5804+00 TO STA. 5807+70

EXISTING LEGEND

- (E1) EXISTING BITUMINOUS SURFACE
- (E2) EXISTING BITUMINOUS BASE
- (E3) EXISTING AGGREGATE SUBBASE
- (E4) NOT USED
- (E5) EXISTING SIDEWALK
- (E6) EXISTING AGGREGATE BASE



PROPOSED SHEFFIELD AVE
STA. 8505+50 TO STA. 8507+60

PROPOSED LEGEND

- (P1) PROPOSED HMA PAVEMENT:
HMA SURFACE 1-1/2"
HMA INTERMEDIATE 2-1/2"
HMA BASE 4"
- (P2) PROPOSED COMPACTED AGGREGATE 6"
- (P3) PROPOSED CONCRETE CURB AND GUTTER
- (P4) PROPOSED CONCRETE SIDEWALK 4"
- (P5) PROPOSED AGGREGATE BASE 4"
- (P6) PROPOSED SEEDING AND TOPSOIL 4"

NOTE:

1. PROPOSED PAVEMENT CROSS SLOPES WILL TRANSITION TO MEET THE EXISTING PAVEMENT CROSS SLOPES AND THE TRACK CROSSING GRADE.

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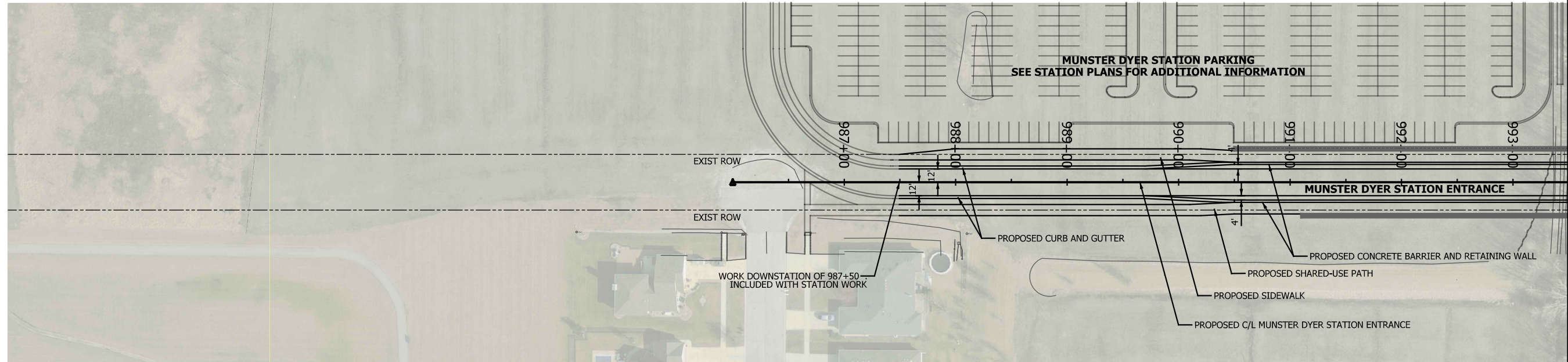
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CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDTYP-18 OF RDTYP-18

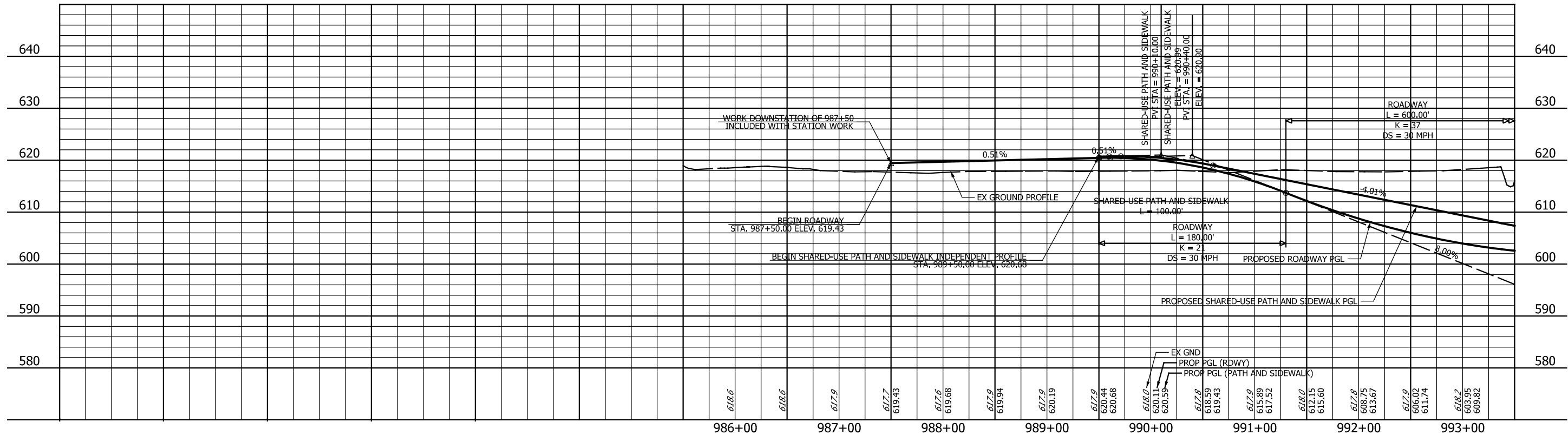
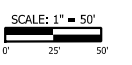
NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

**SHEFFIELD AVENUE
ROADWAY TYPICAL SECTIONS**

FILENAME	NICTD_WL_SHT_TYP26.dgn	SHEET	20 OF 31
SCALE	AS NOTED		



MUNSTER DYER STATION ENTRANCE



PLOT DATE: 7/19/2017 10:22:23 PM JKJELLM

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WEST LAKE
 CORRIDOR
 DYER TO HAMMOND, INDIANA

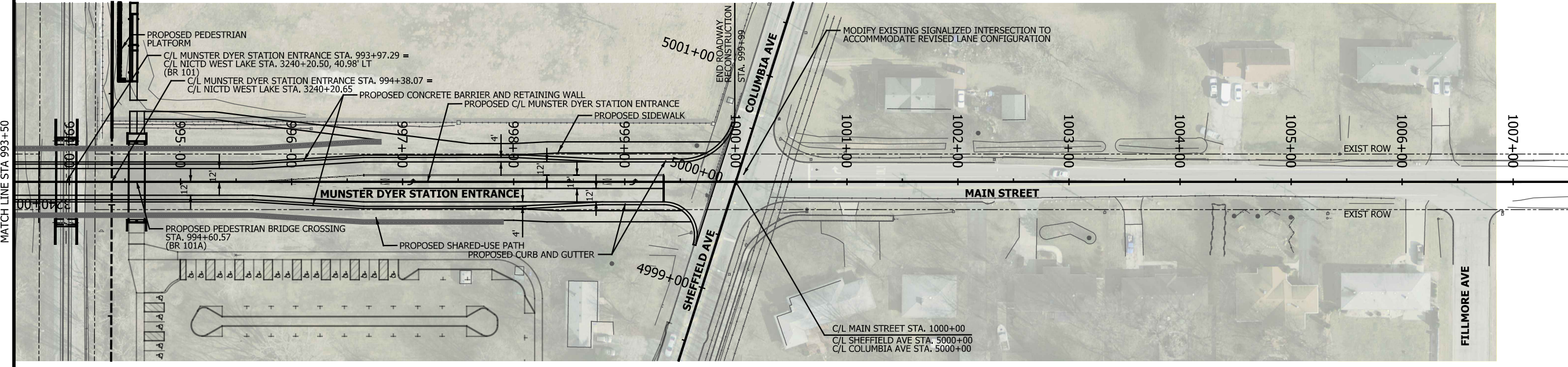
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DRAWN:	BZ
CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDPP-1 OF RDPP-11

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
 SINGLE TRACK

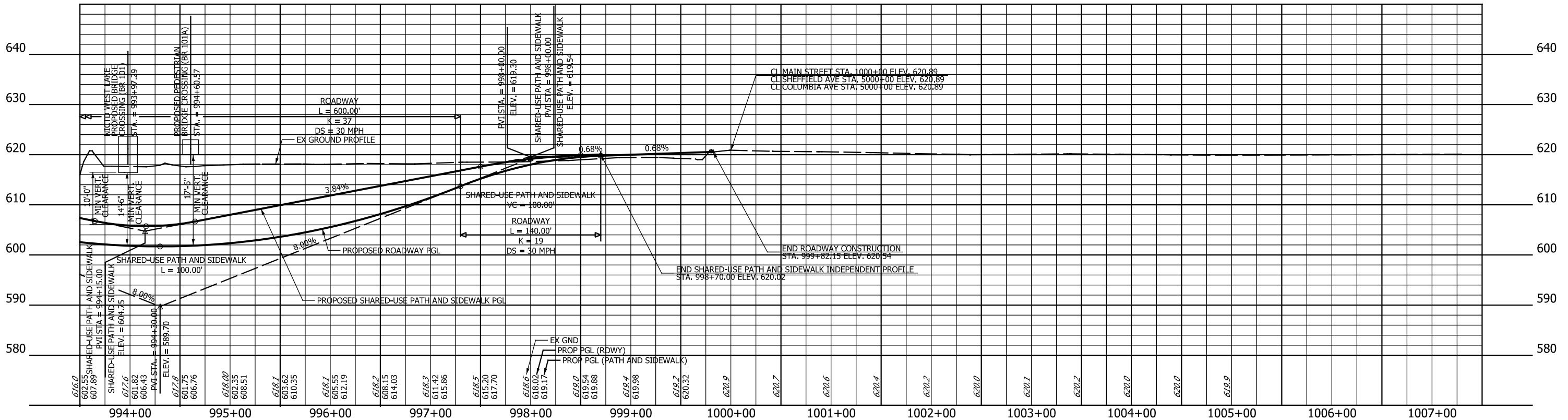
**MUNSTER DYER STATION ENTRANCE
 ROADWAY PLAN AND PROFILE**

FILENAME	NICTD_WL_SHT_PP01.dgn	SHEET	21 OF 31
SCALE	AS NOTED		



MUNSTER DYER STATION ENTRANCE / MAIN STREET

SCALE: 1" = 50'
0 25 50



PLOT DATE: 7/21/2017 9:41:21 AM
JKIELLMA



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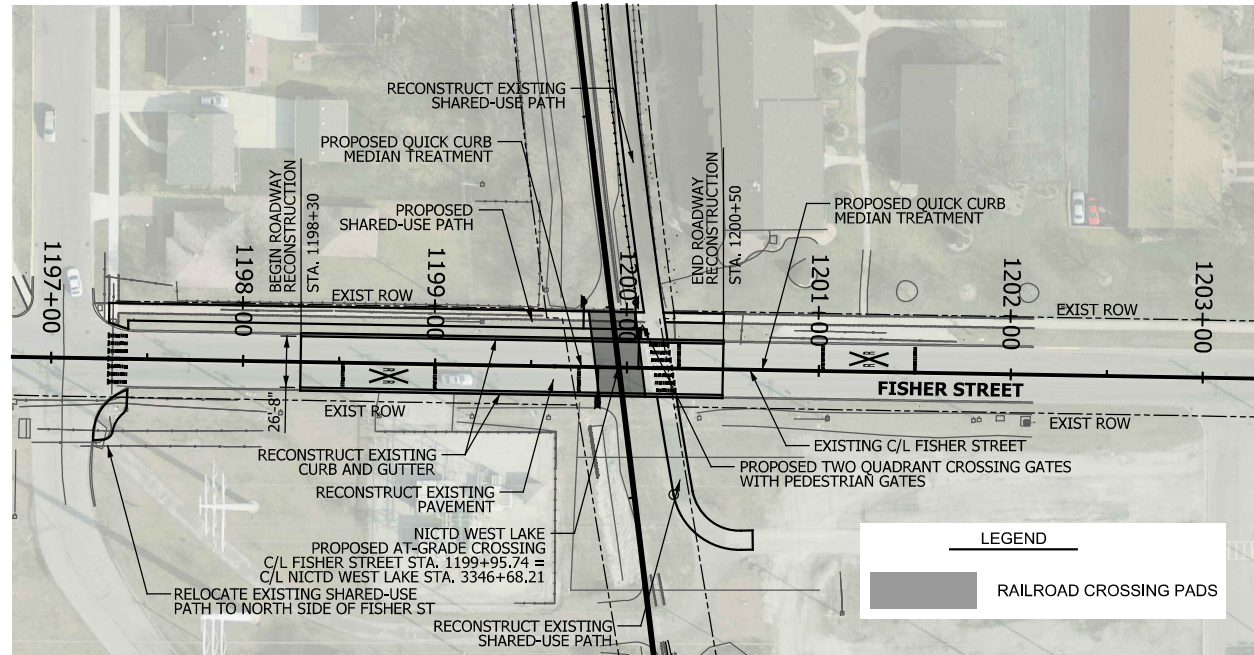
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CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDPP-2 OF RDPP-11

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

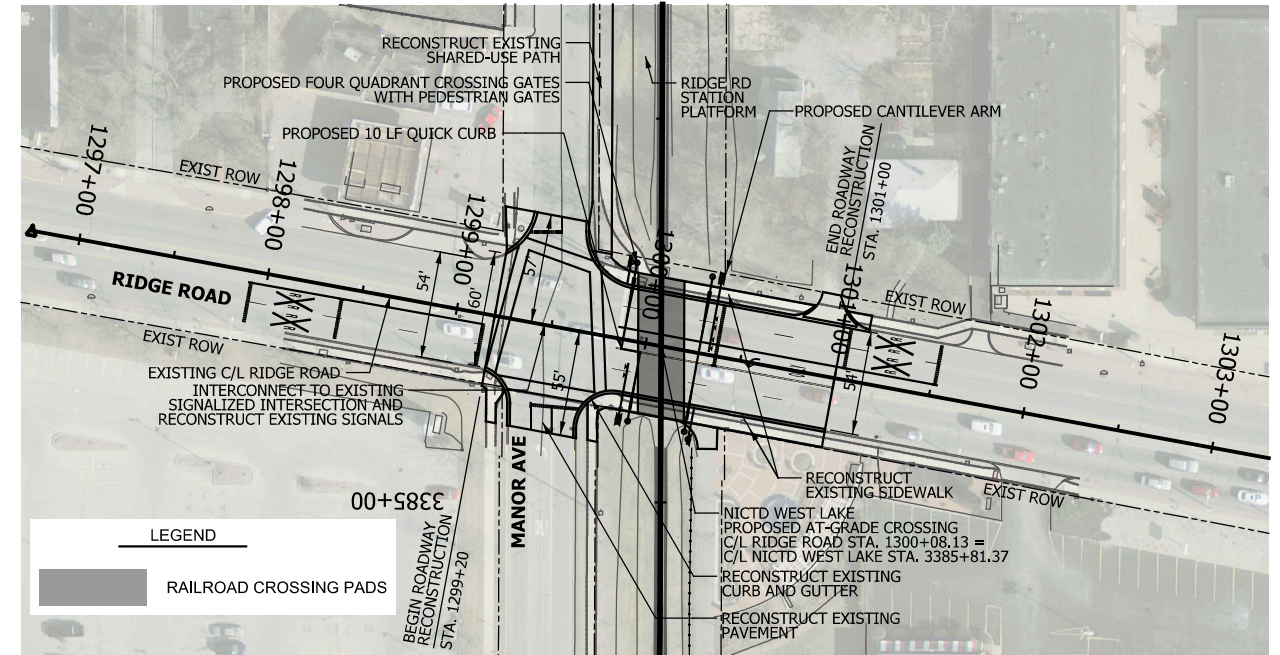
**MUNSTER DYER STATION ENTRANCE
ROADWAY PLAN AND PROFILE**

FILENAME	NICTD_WL_SHT_PP02.dgn	SHEET	22 OF 31
SCALE	AS NOTED		



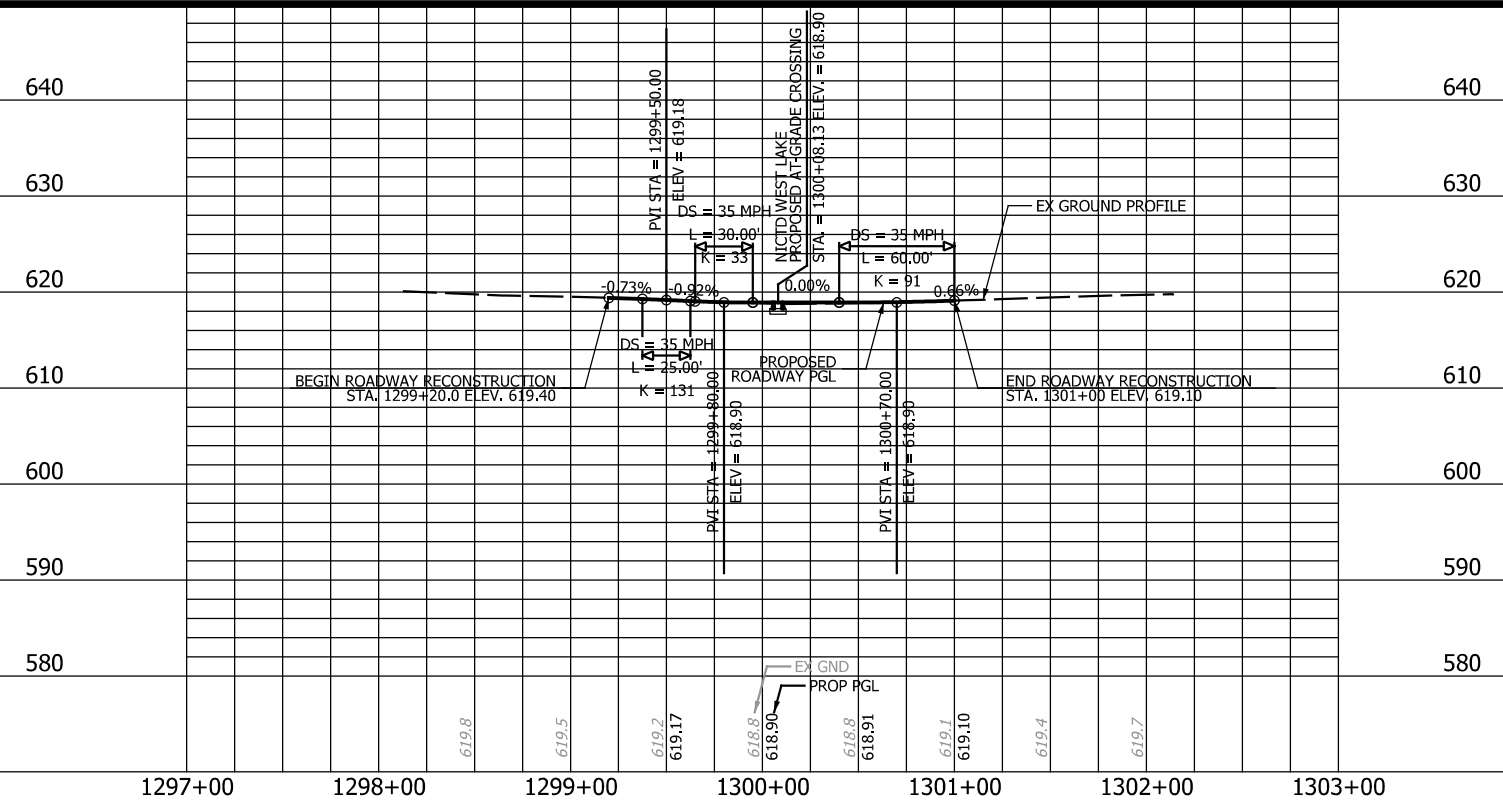
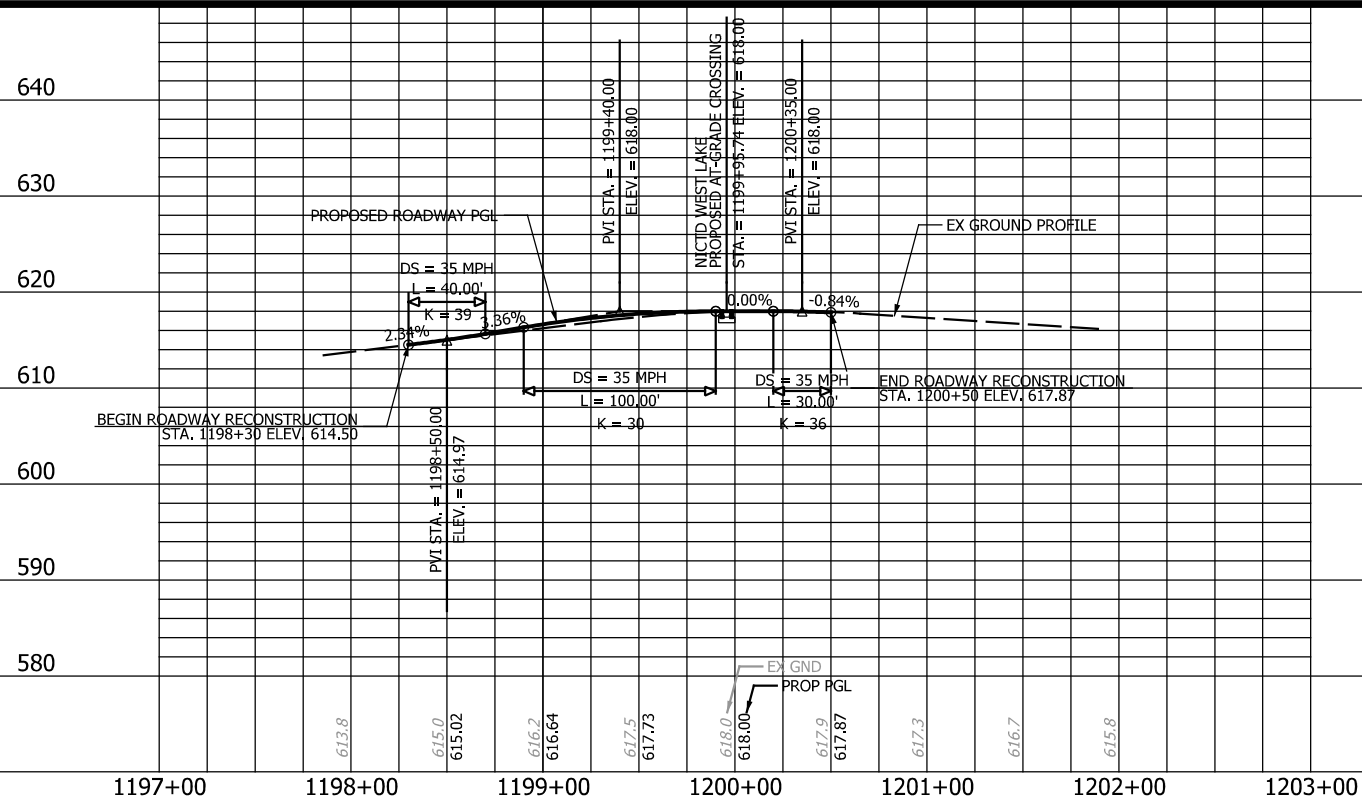
FISHER STREET

SCALE: 1" = 50'



RIDGE ROAD

SCALE: 1" = 50'



PLOT DATE: 7/19/2017 10:24:12 PM JKJELLM



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DYER TO HAMMOND, INDIANA

DESIGNED: BZ
DRAWN: BZ
CHECKED: TH
DATE: 07/21/17

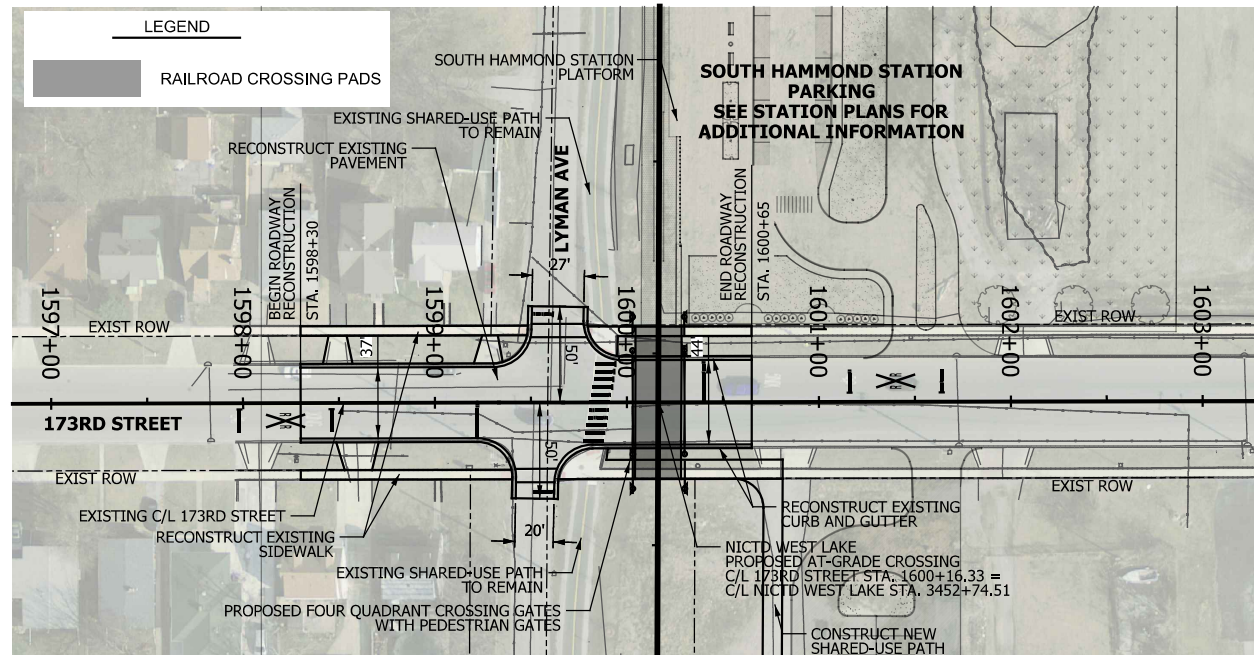
NOT FOR CONSTRUCTION SERIES RDPP-3 OF RDPP-11

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

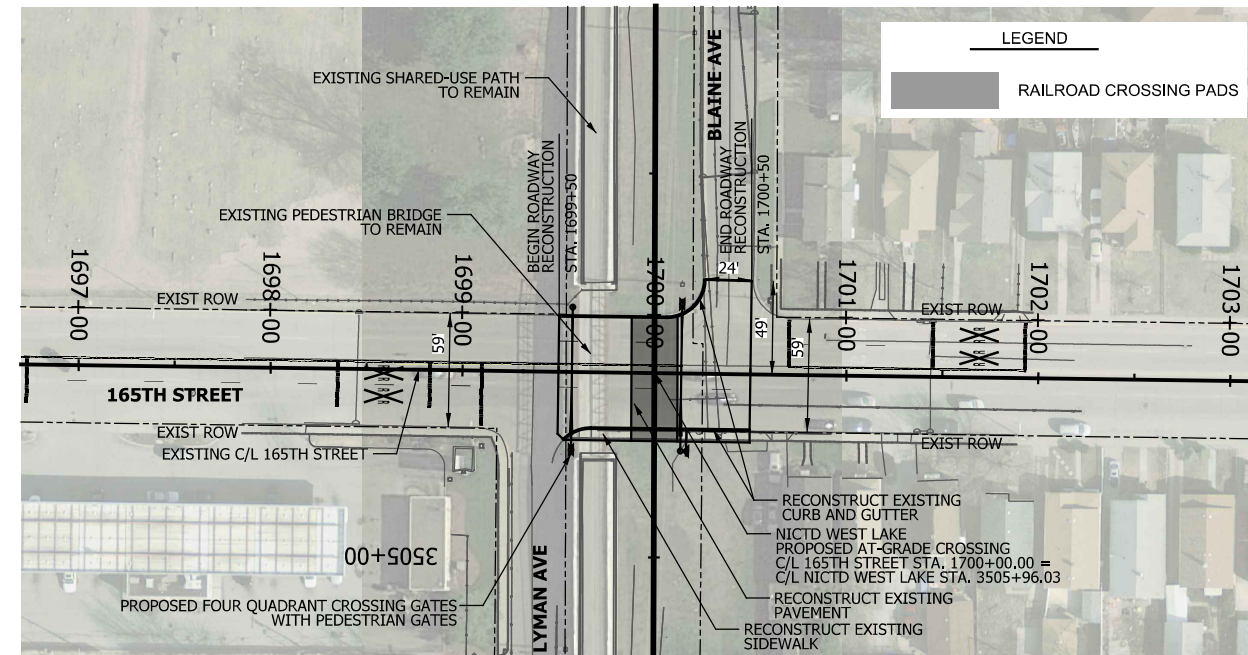
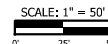
FISHER ST AND RIDGE RD
ROADWAY PLAN AND PROFILE

FILENAME NICTD_WL_SHT_PP03.dgn SHEET 23 OF 31
SCALE AS NOTED

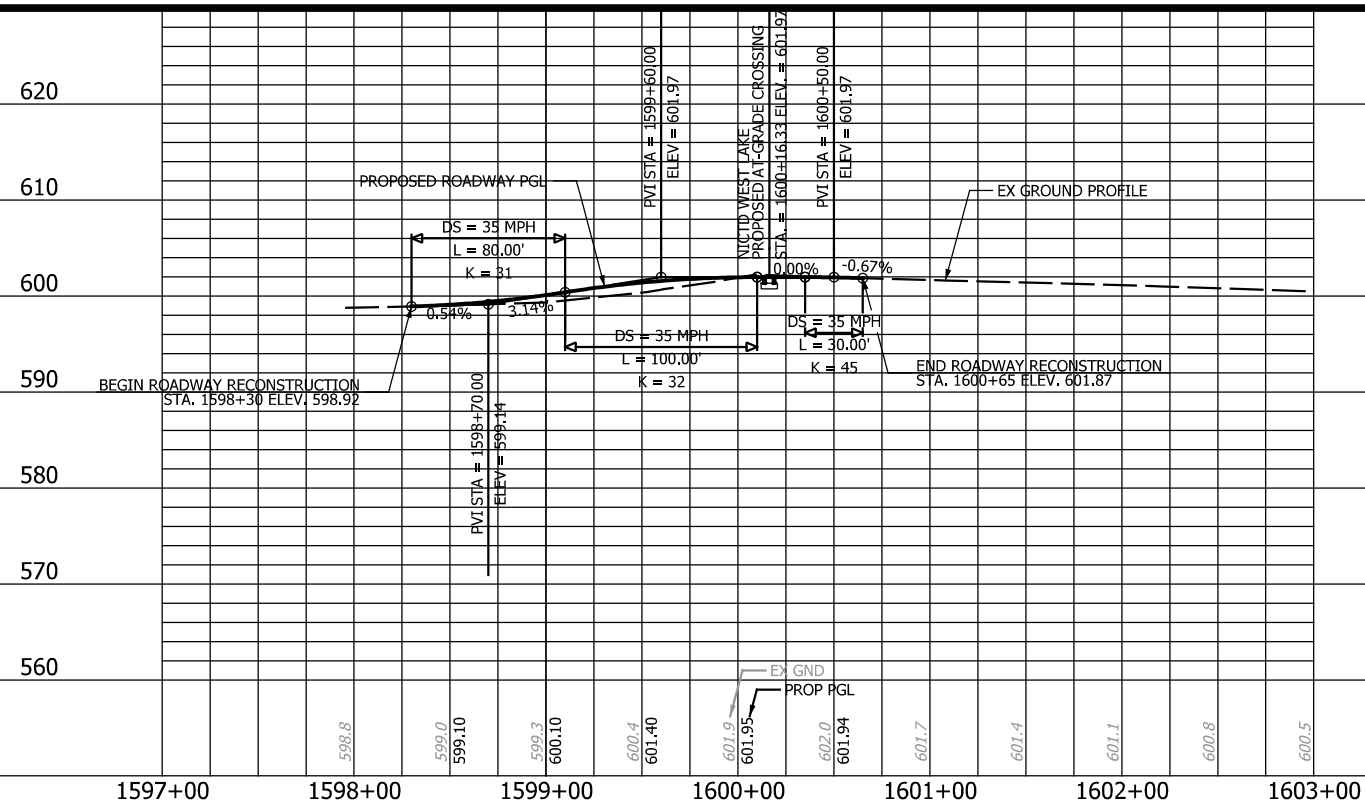
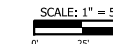
ISSUE	DATE	DESCRIPTION



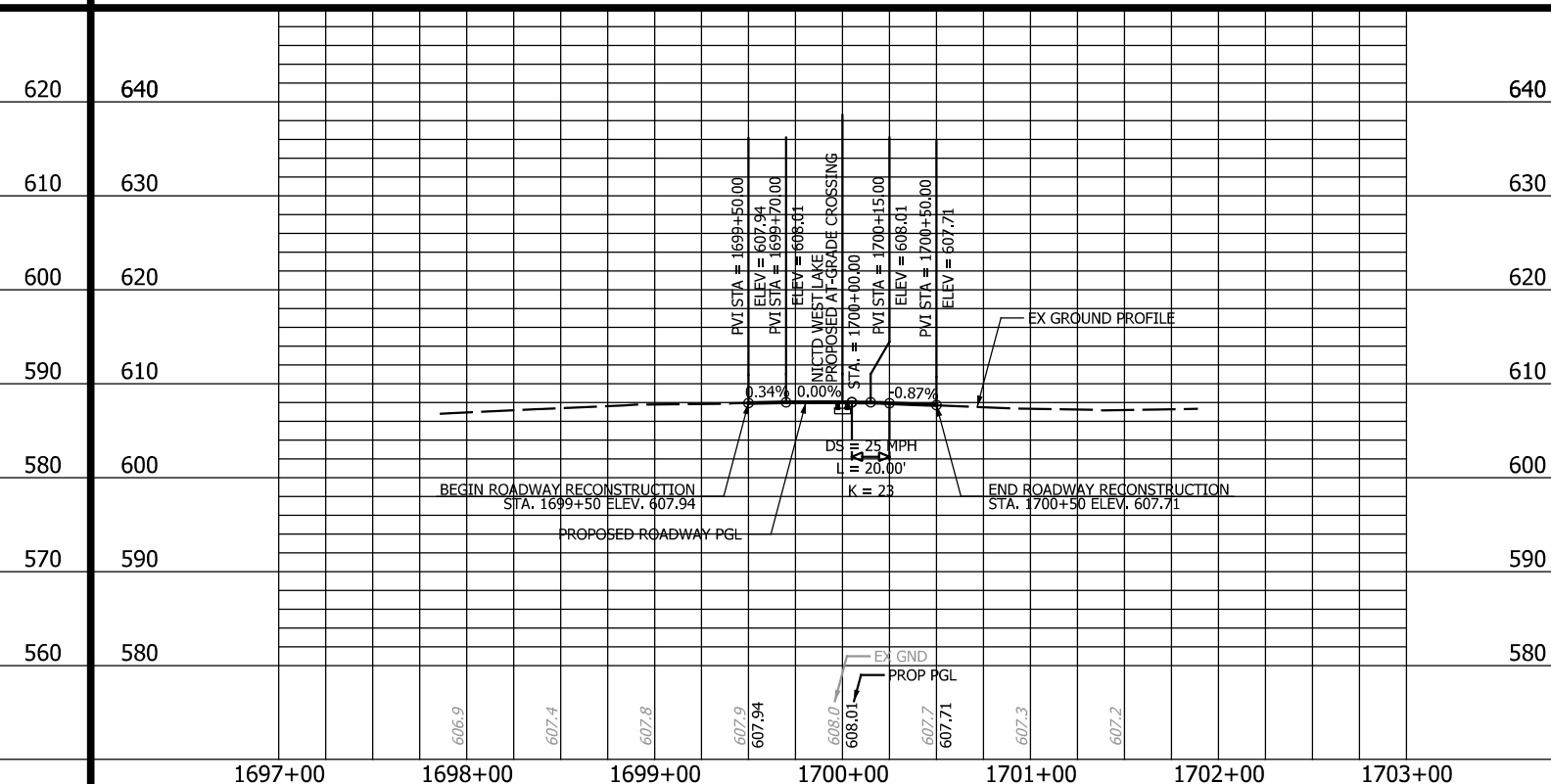
173RD STREET



165TH STREET



1597+00 1598+00 1599+00 1600+00 1601+00 1602+00 1603+00



1697+00 1698+00 1699+00 1700+00 1701+00 1702+00 1703+00

PLOT DATE: 7/19/2017 10:25:06 PM JKJELIMA



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DYER TO HAMMOND, INDIANA

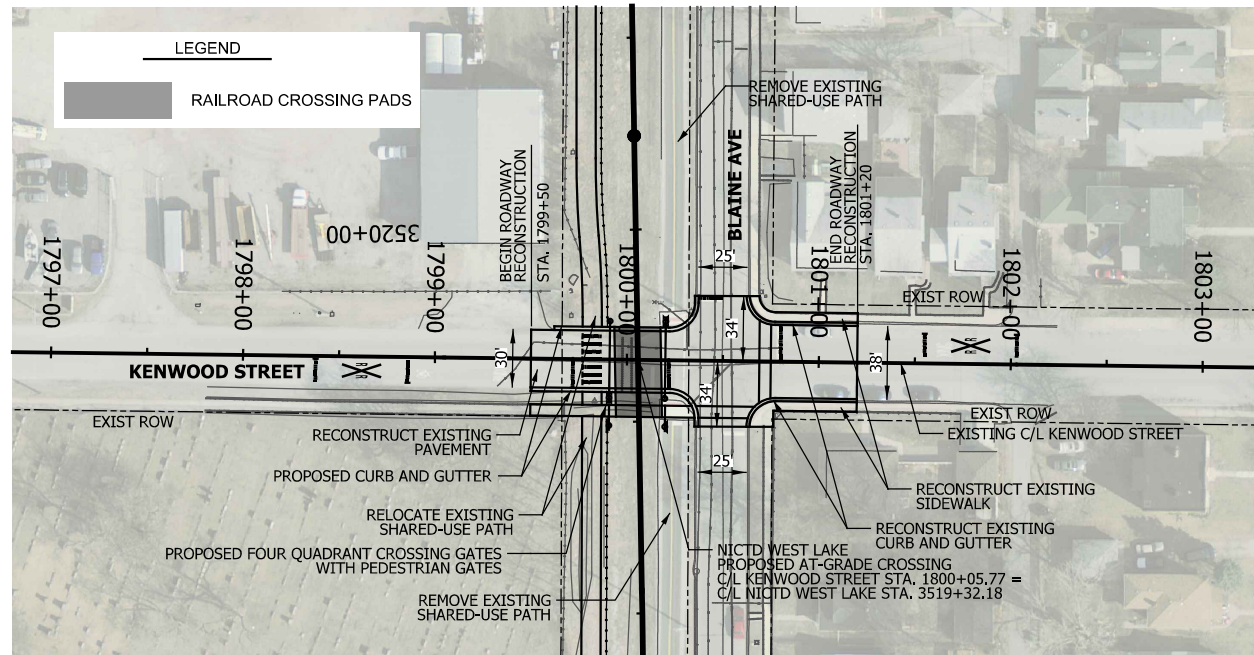
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DRAWN: BZ
CHECKED: TH
DATE: 07/21/17

NOT FOR CONSTRUCTION SERIES RDPP-4 OF RDPP-11

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

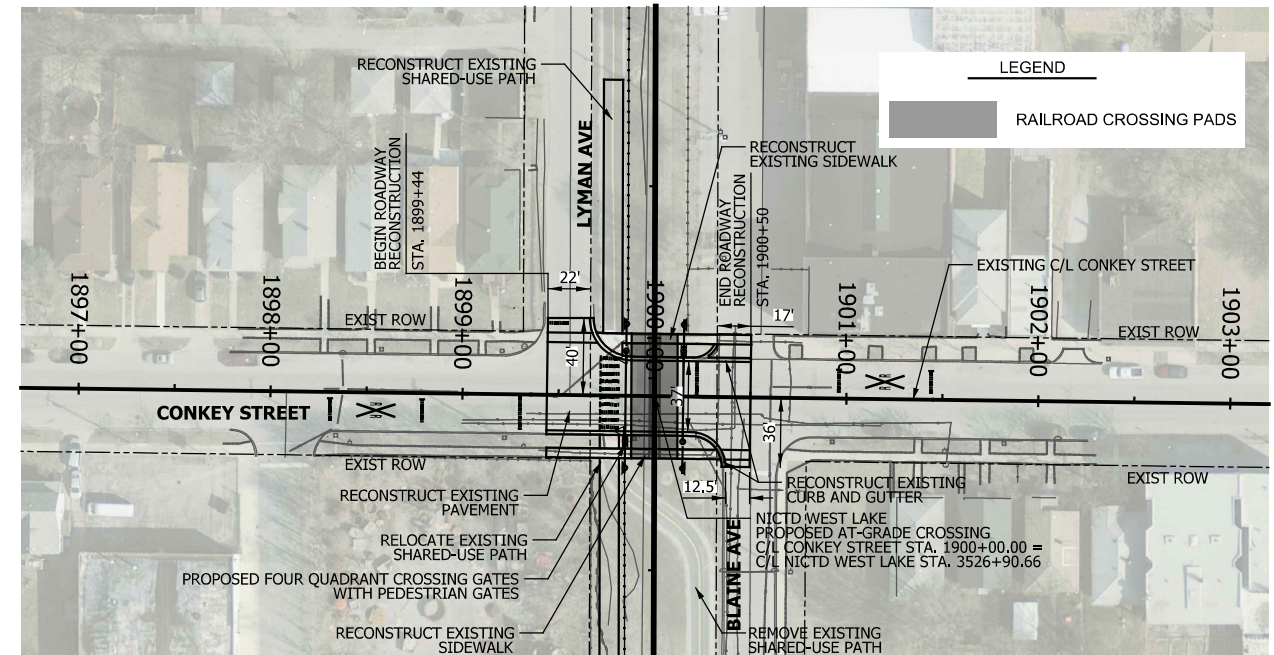
**173RD ST AND 165TH ST
ROADWAY PLAN AND PROFILE**

FILENAME	NICTD_WL_SHT_PP04.dgn	SHEET	24 OF 31
SCALE	AS NOTED		



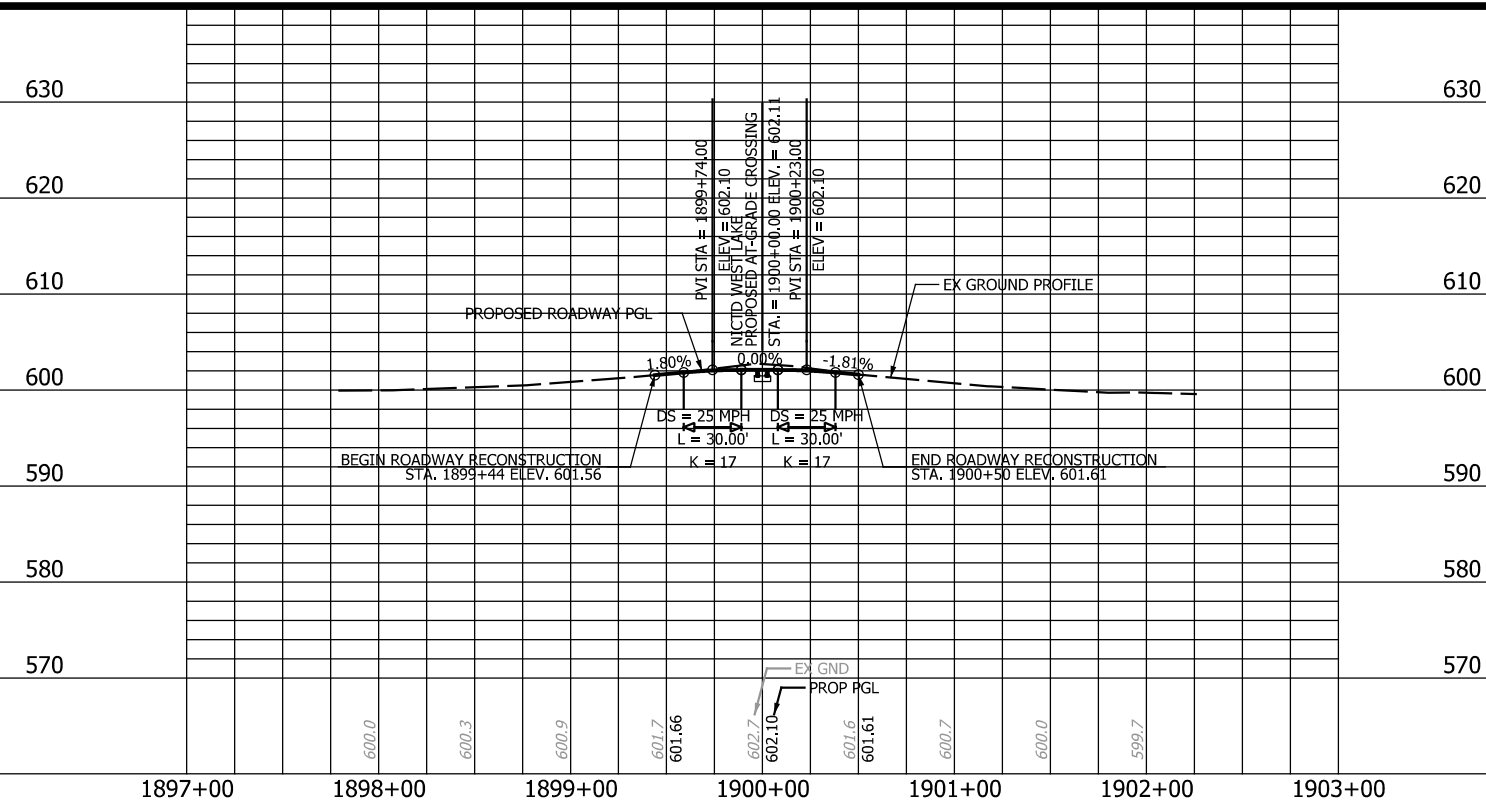
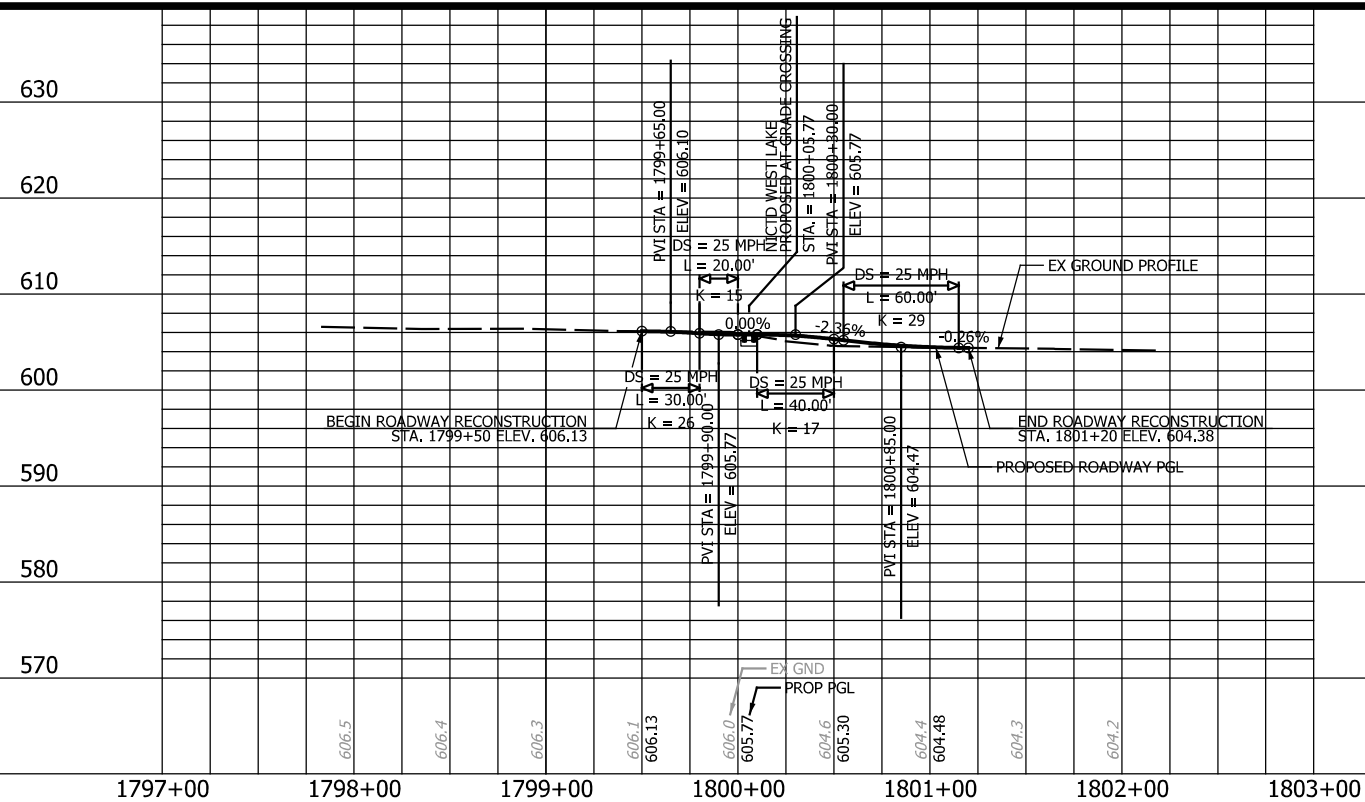
KENWOOD STREET

SCALE: 1" = 50'



CONKEY STREET

SCALE: 1" = 50'



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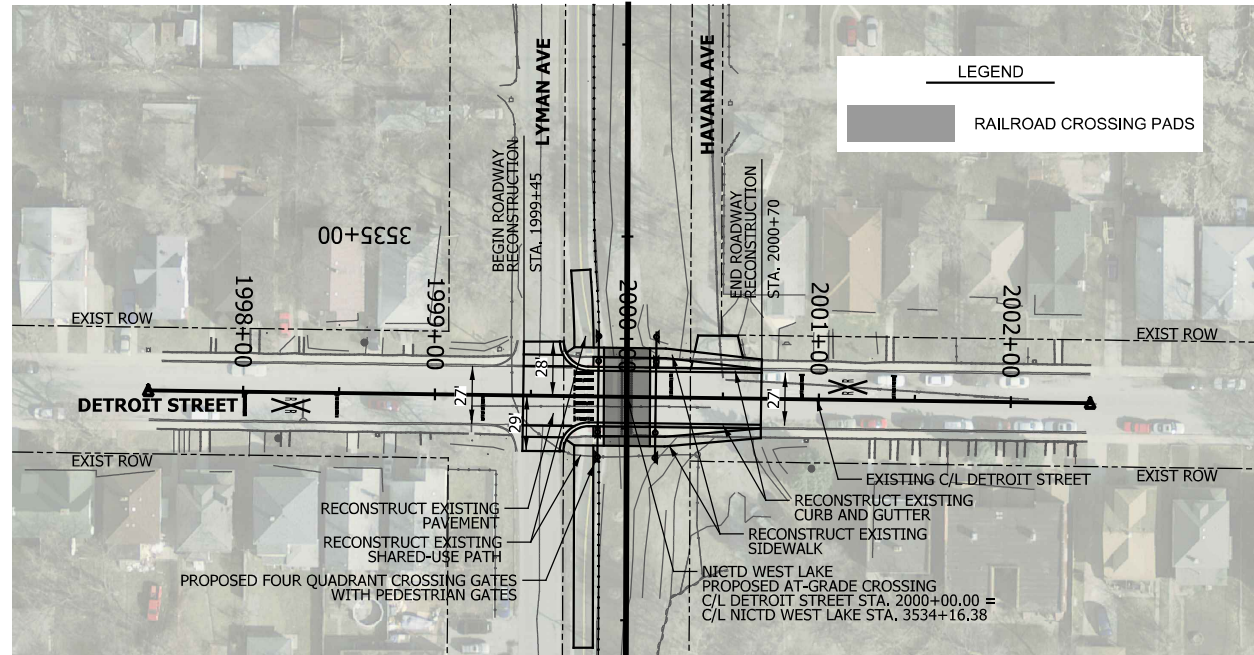
DESIGNED:	BZ
DRAWN:	BZ
CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDPP-5 OF RDPP-11

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK
**KENWOOD ST AND CONKEY ST
ROADWAY PLAN AND PROFILE**

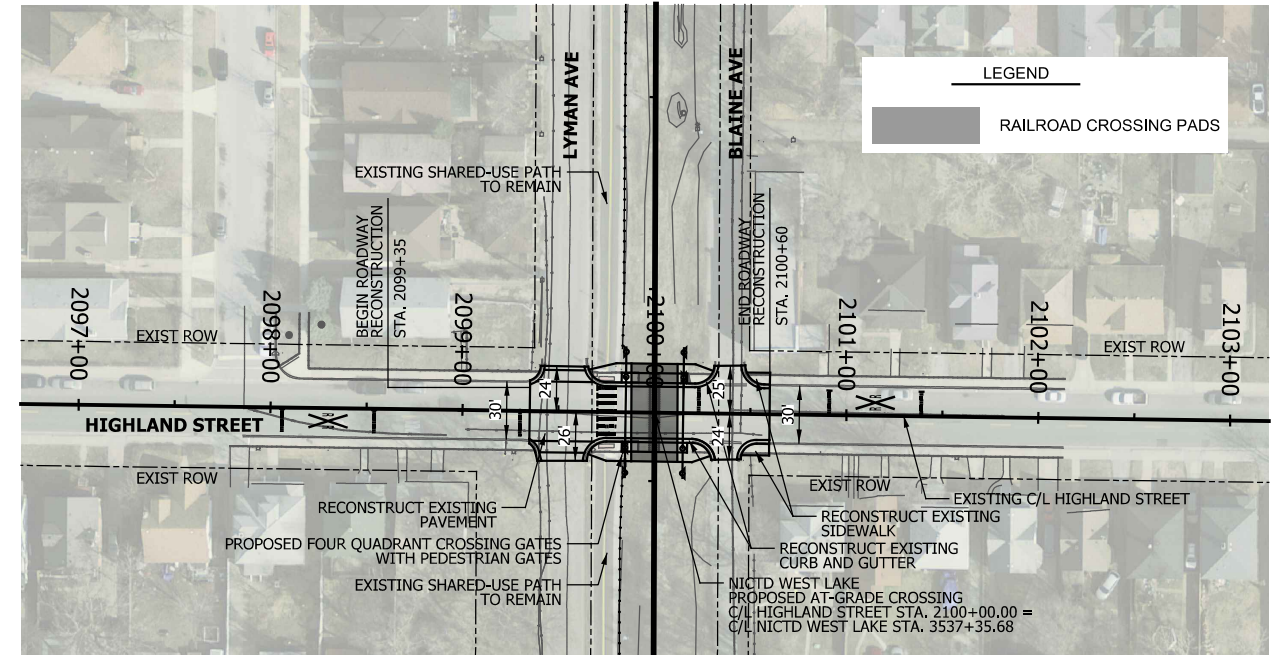
FILENAME	NICTD_WL_SHT_PP05.dgn	SHEET	25 OF 31
SCALE	AS NOTED		

ISSUE	DATE	DESCRIPTION



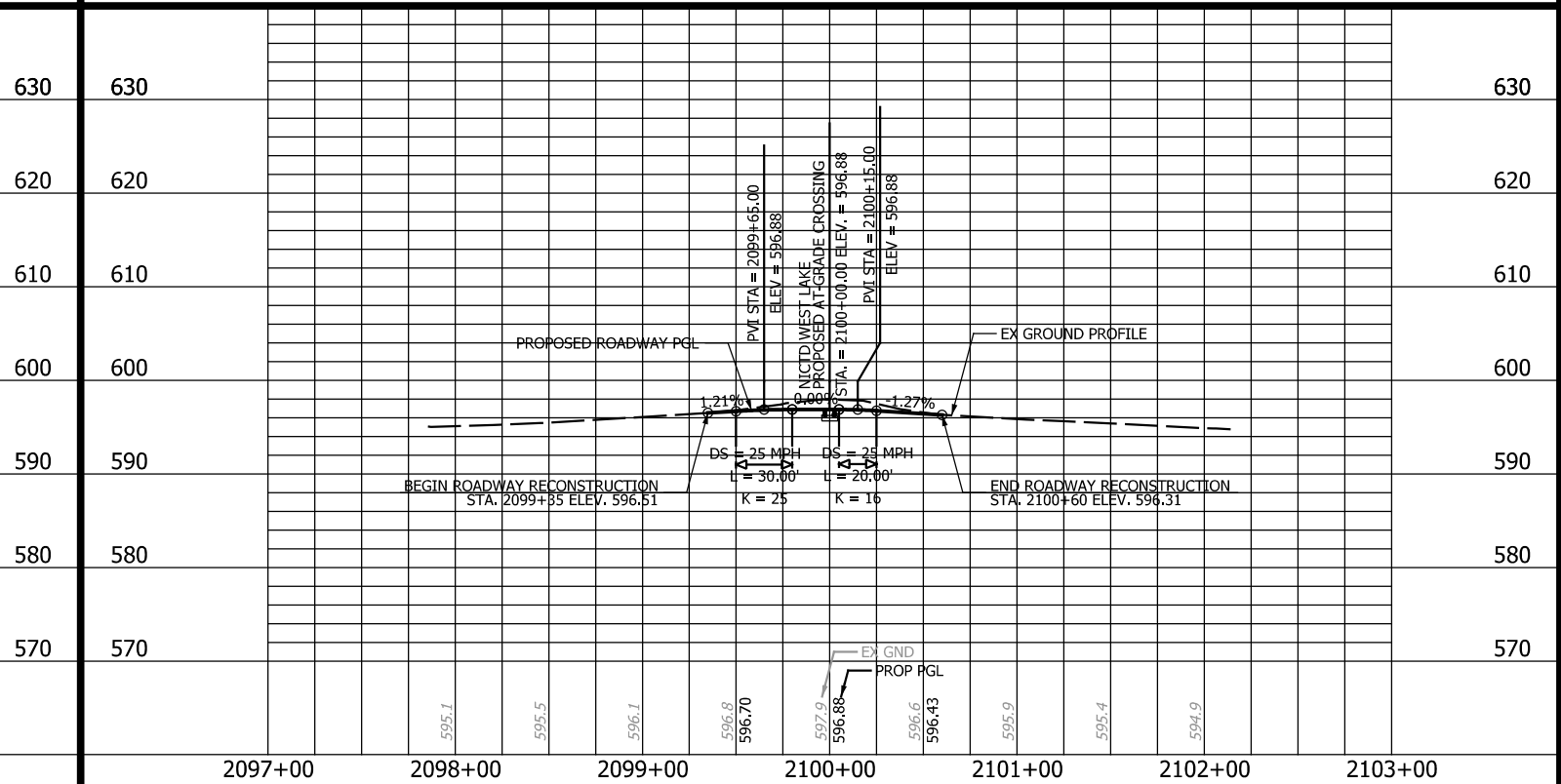
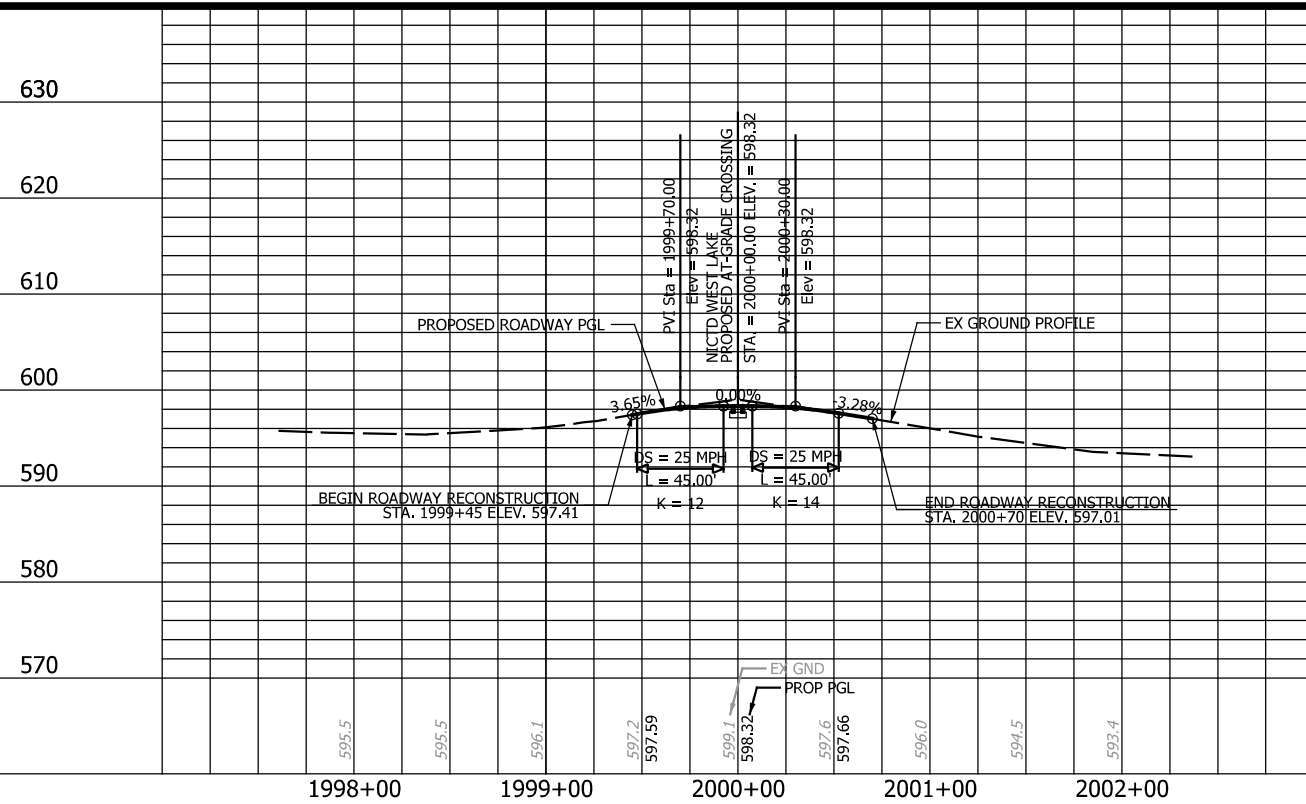
DETROIT STREET

SCALE: 1" = 50'



HIGHLAND STREET

SCALE: 1" = 50'



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DESIGNED: BZ
DRAWN: BZ
CHECKED: TH
DATE: 07/21/17

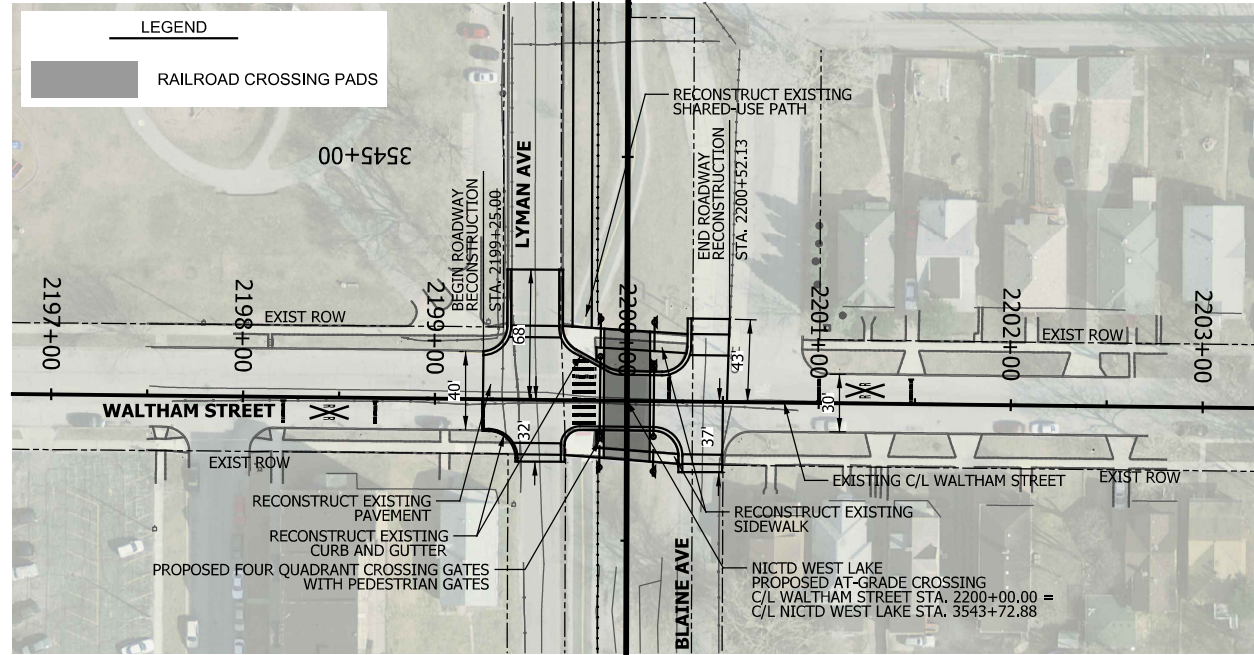
NOT FOR CONSTRUCTION SERIES RDPP-6 OF RDPP-11

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

DETROIT ST AND HIGHLAND ST
ROADWAY PLAN AND PROFILE

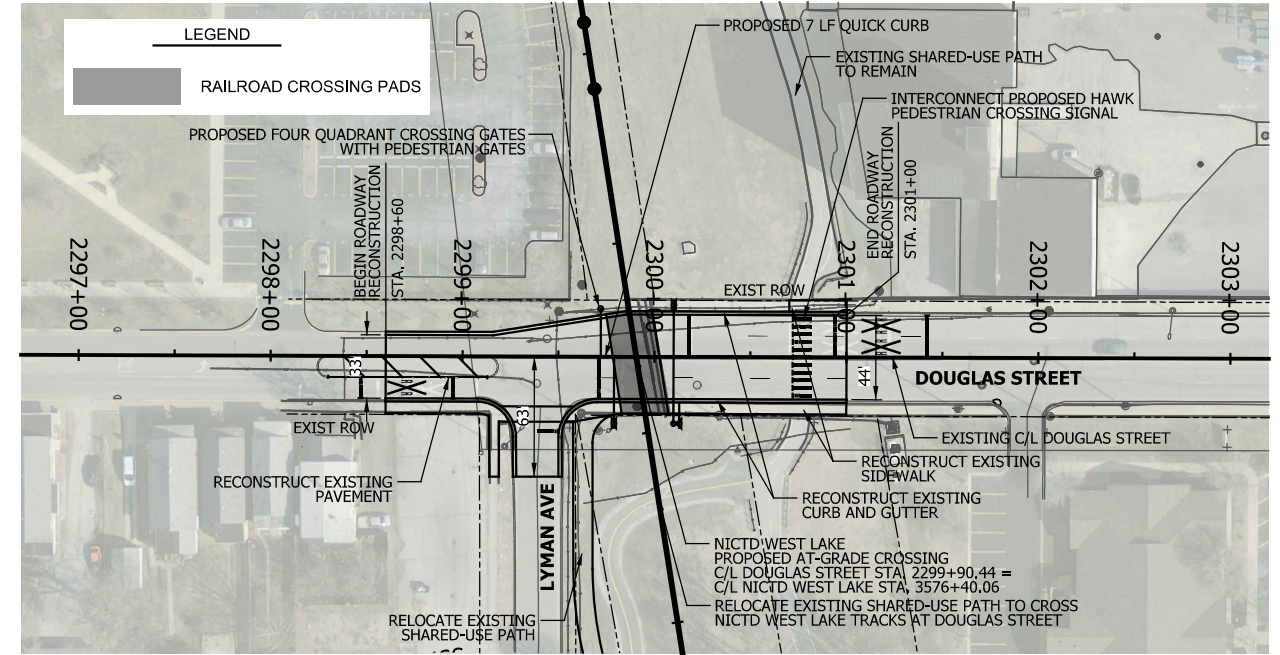
FILENAME: NICTD_WL_SHT_PP06.dgn SHEET: 26 OF 31
SCALE: AS NOTED

ISSUE	DATE	DESCRIPTION



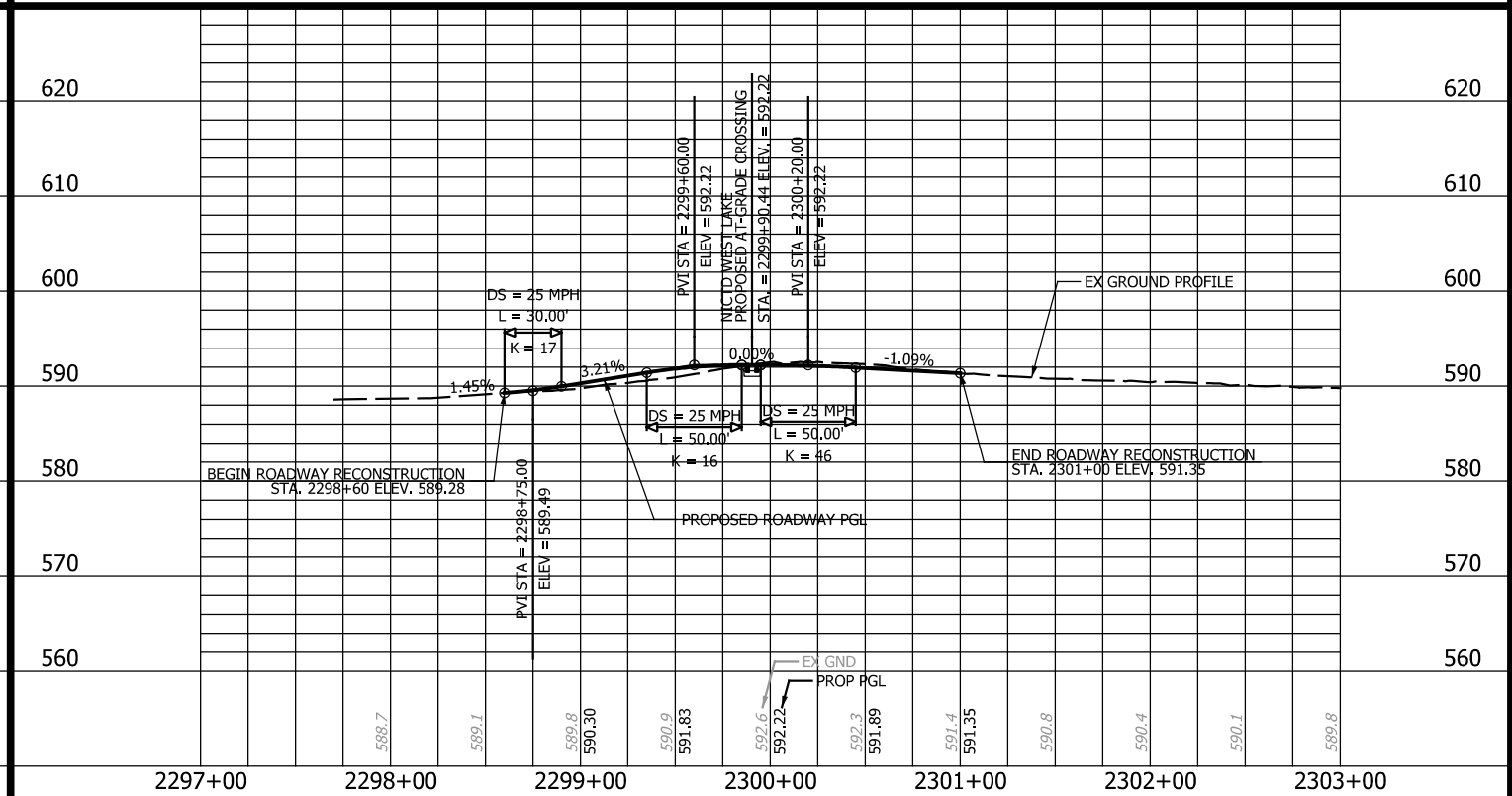
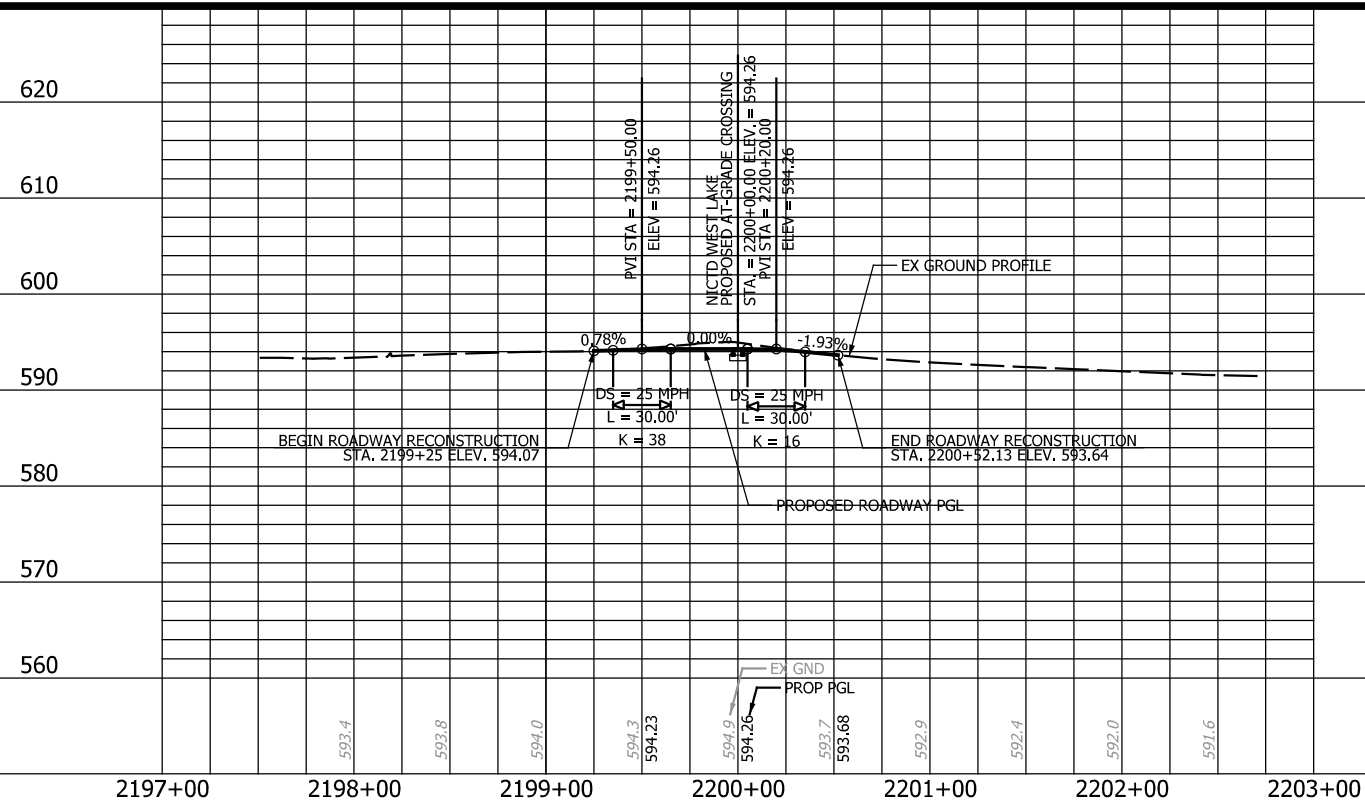
WALTHAM STREET

SCALE: 1" = 50'



DOUGLAS STREET

SCALE: 1" = 50'



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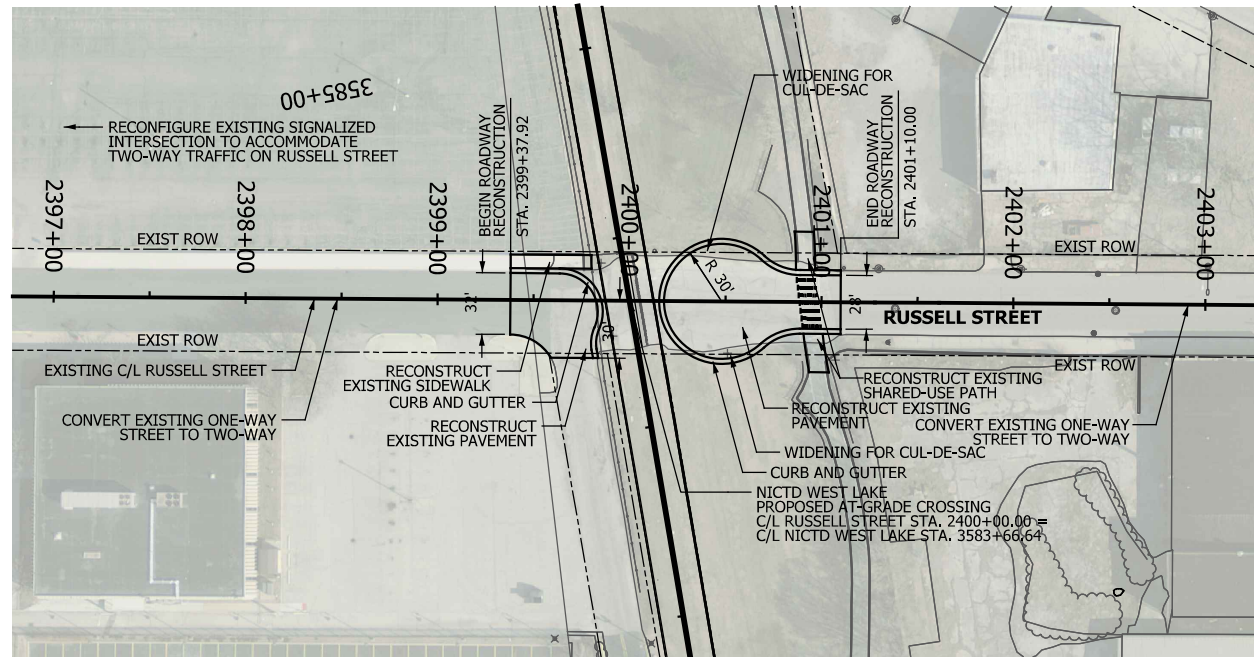
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DRAWN: BZ
CHECKED: TH
DATE: 07/21/17

NOT FOR CONSTRUCTION SERIES RDPP-7 OF RDPP-11

NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18
SINGLE TRACK

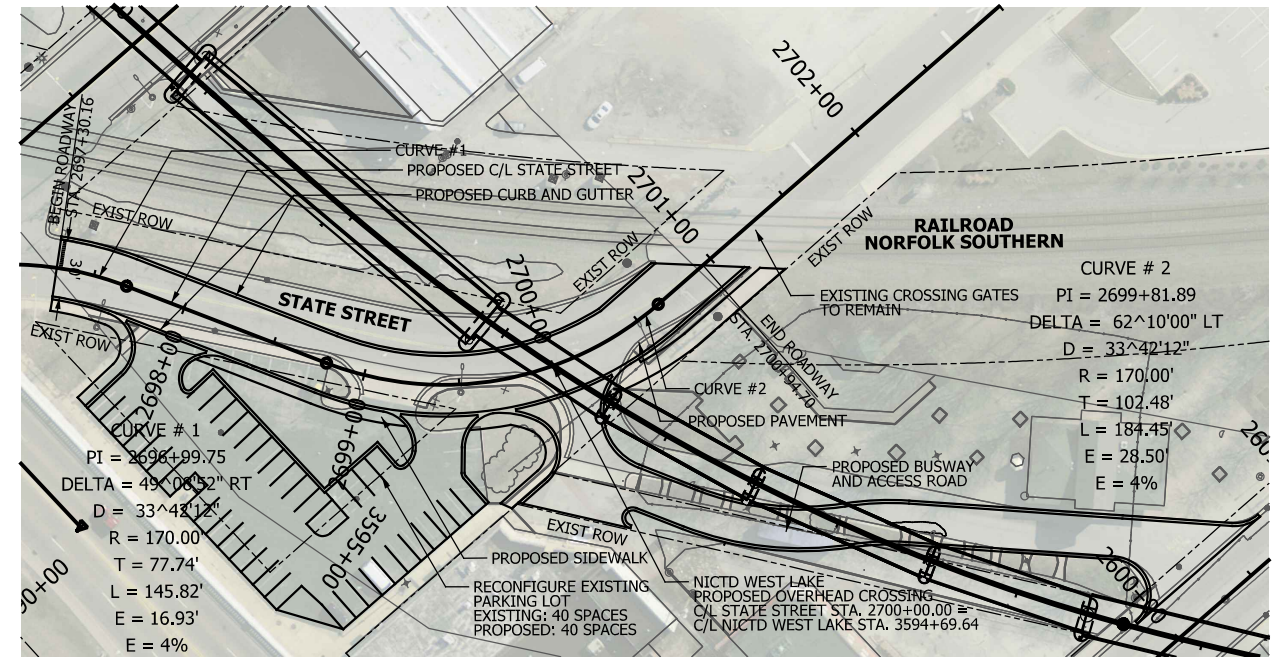
WALTHAM ST AND DOUGLAS ST
ROADWAY PLAN AND PROFILE

FILENAME	NICTD_WL_SHT_PP07.dgn	SHEET	27 OF 31
SCALE	AS NOTED		



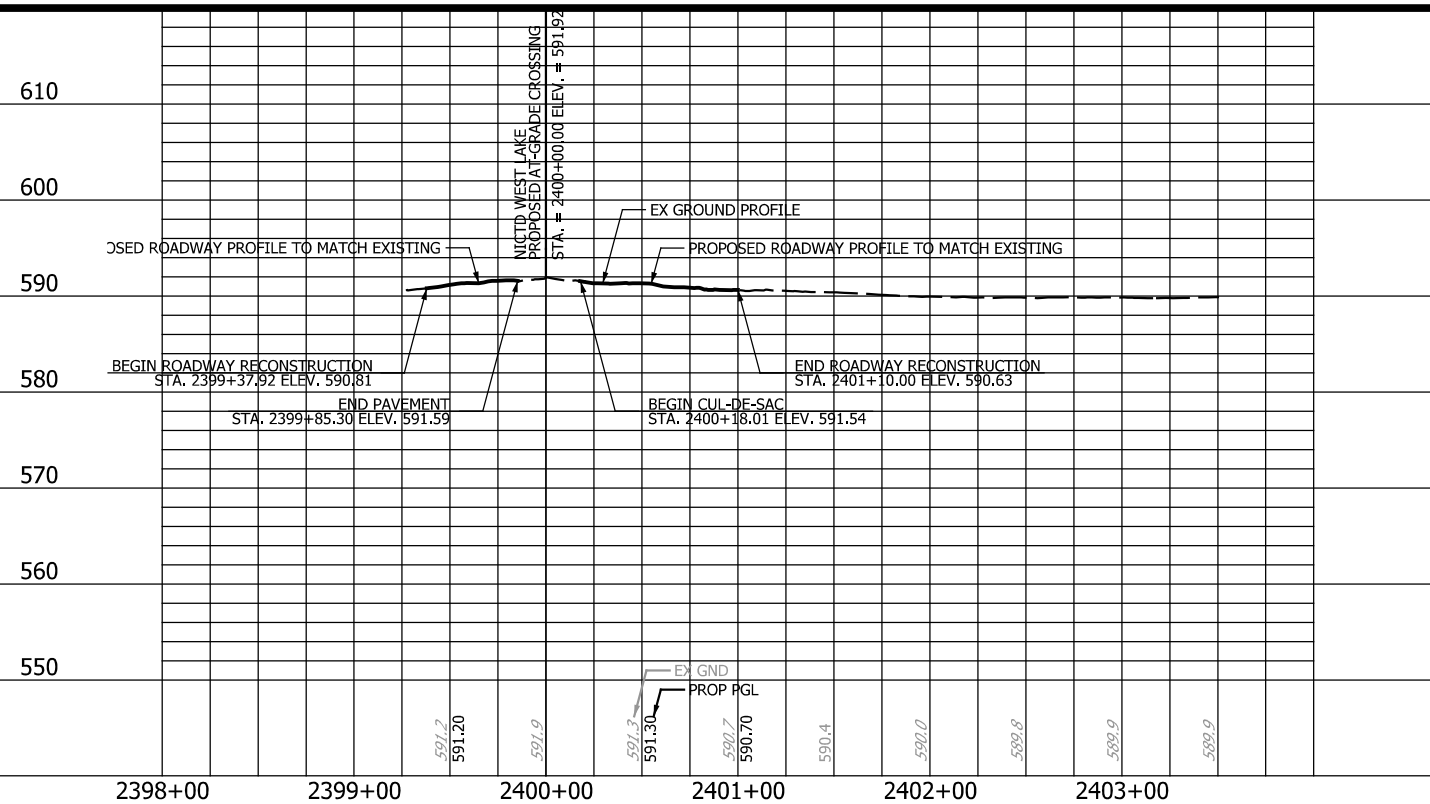
RUSSELL STREET

SCALE: 1" = 50'

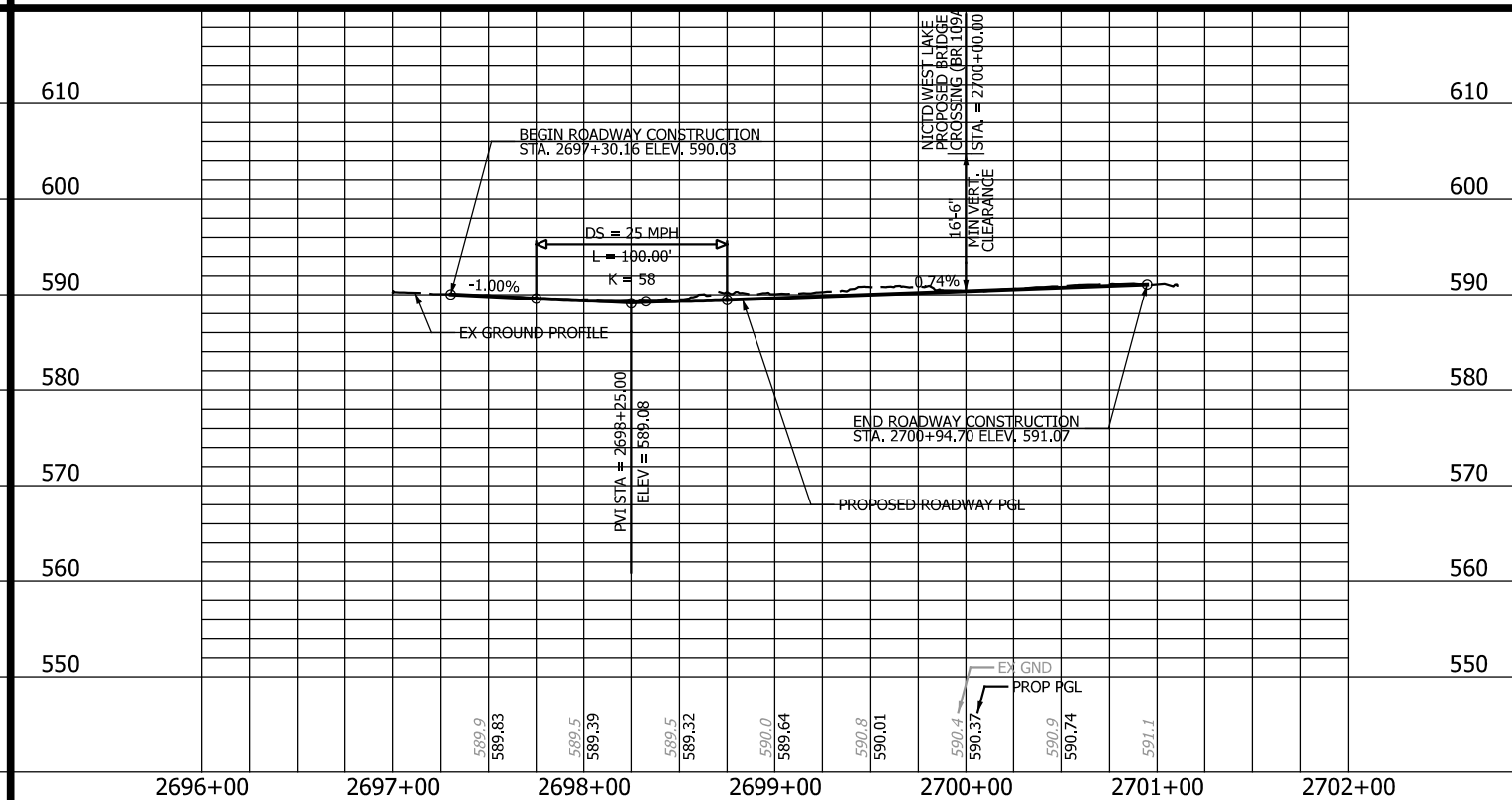


STATE STREET

SCALE: 1" = 50'



2398+00 2399+00 2400+00 2401+00 2402+00 2403+00



2696+00 2697+00 2698+00 2699+00 2700+00 2701+00 2702+00

PLOT DATE: 7/19/2017 10:28:31 PM JKJELLMA



ISSUE	DATE	DESCRIPTION



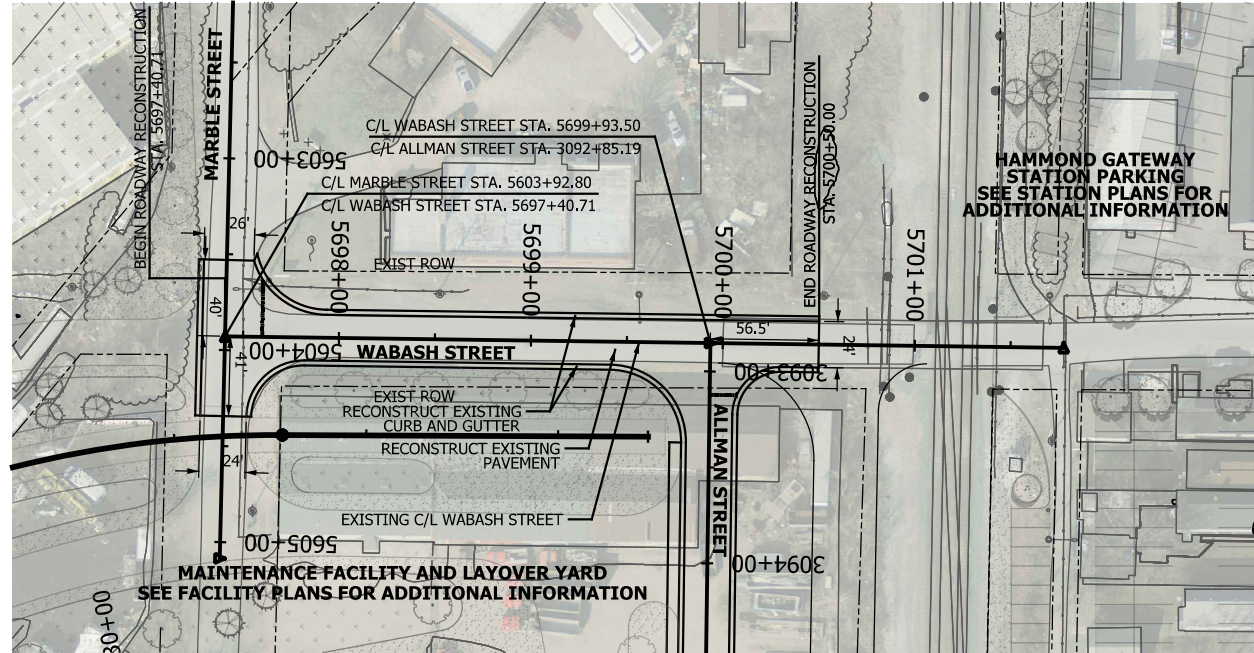
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DRAWN:	BZ
CHECKED:	TH
DATE:	07/21/17

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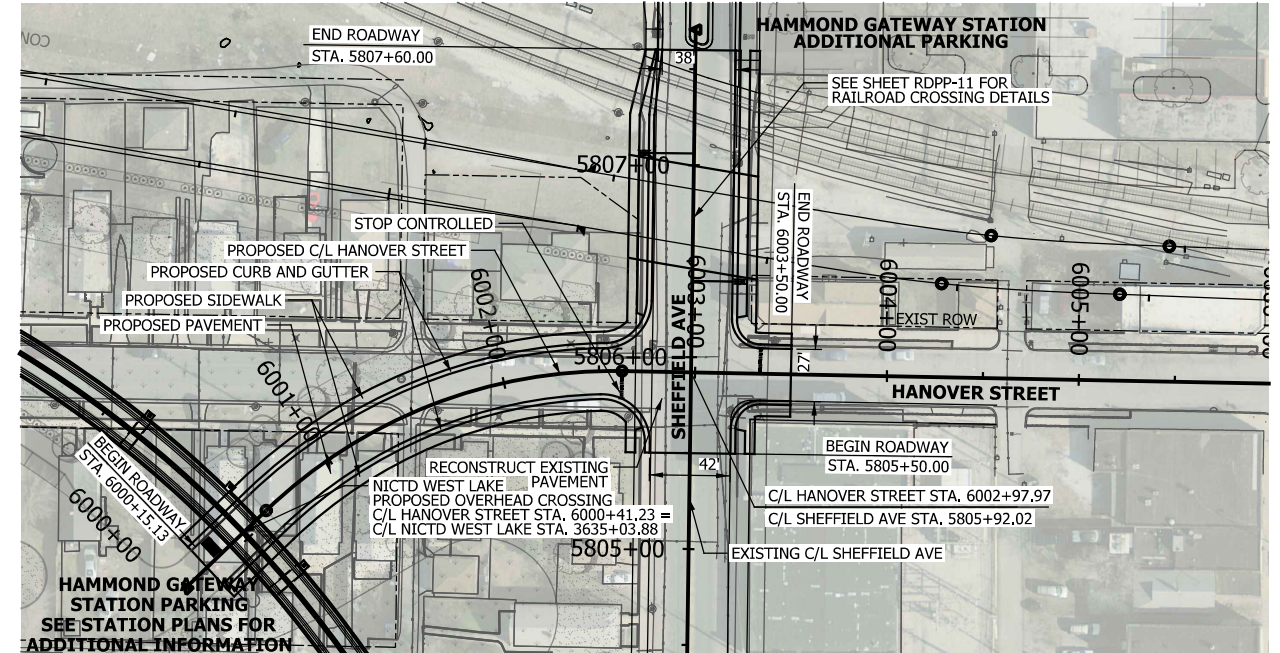
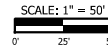
NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18 SINGLE TRACK

RUSSELL ST AND STATE ST ROADWAY PLAN AND PROFILE

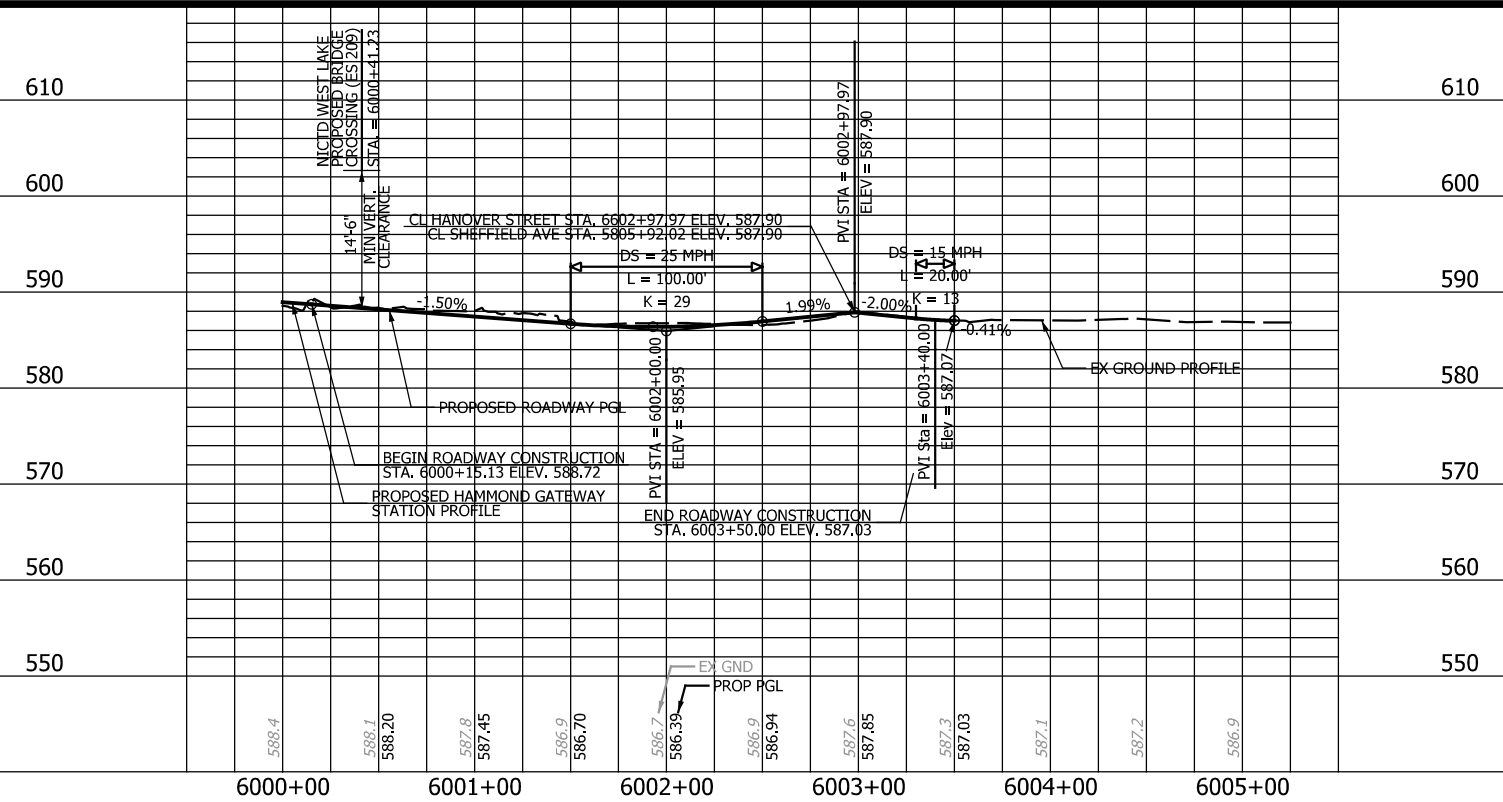
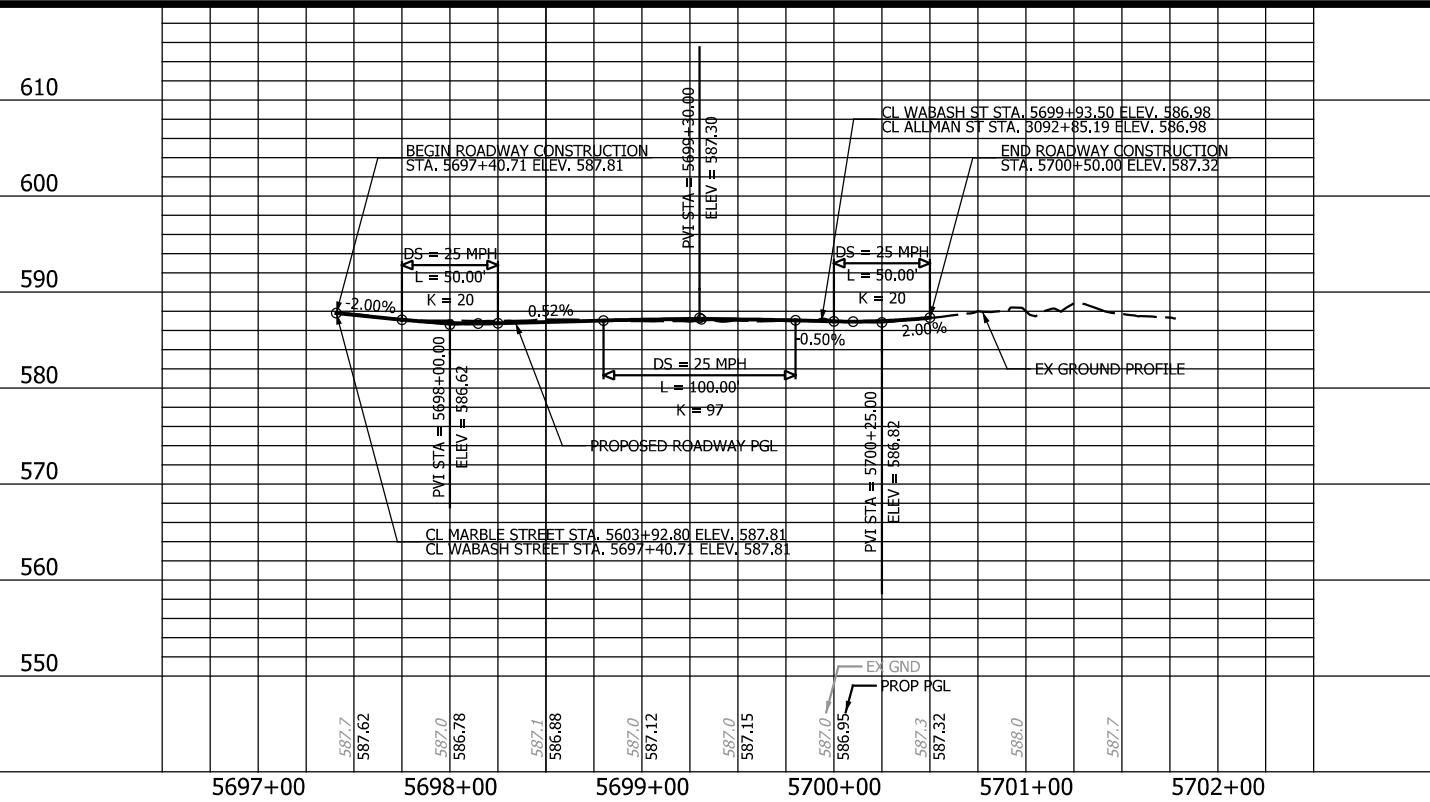
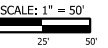
FILENAME	NICTD_WL_SHT_PP08.dgn	SHEET	28 OF 31
SCALE	AS NOTED		



WABASH STREET



HANOVER STREET



PLOT DATE: 7/19/2017 10:29:26 PM JKJELLM



ISSUE	DATE	DESCRIPTION



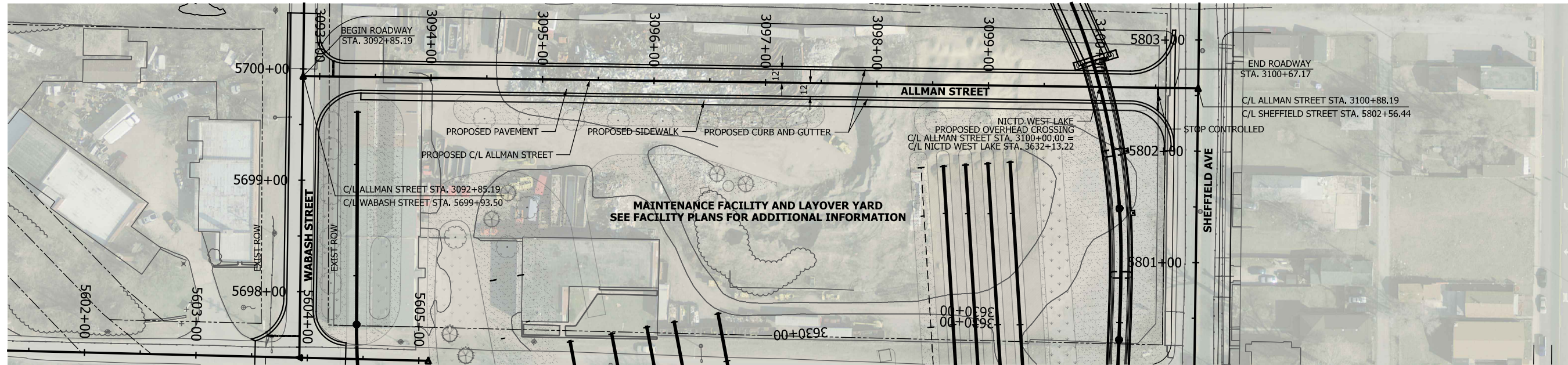
DESIGNED: BZ
DRAWN: BZ
CHECKED: TH
DATE: 07/21/17

NOT FOR CONSTRUCTION SERIES RDPP-9 OF RDPP-11

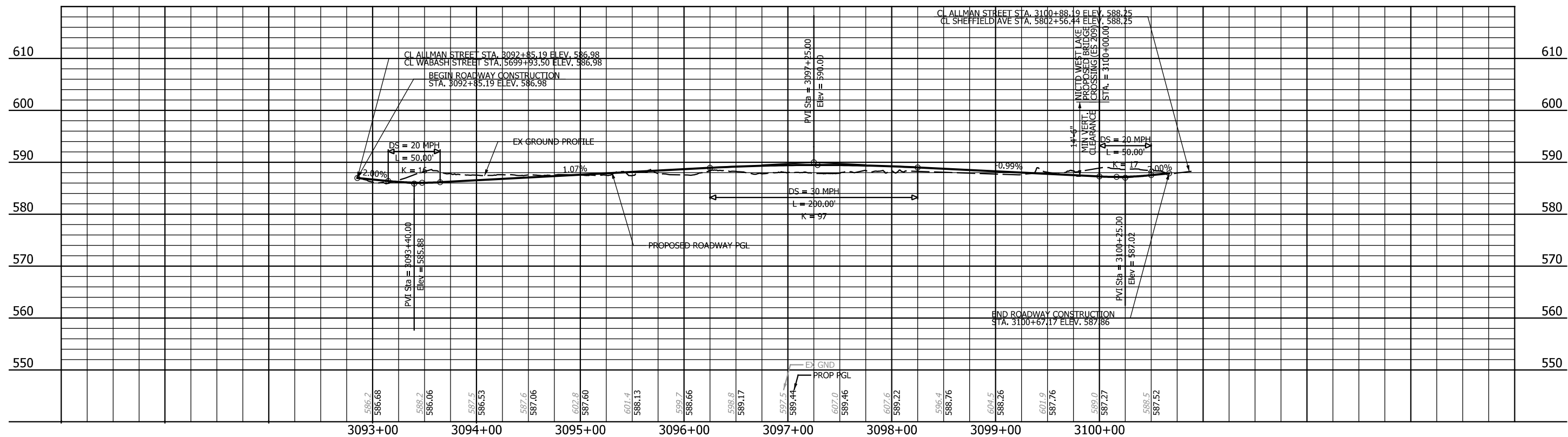
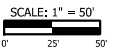
NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18 SINGLE TRACK

WABASH ST AND HANOVER ST ROADWAY PLAN AND PROFILE

FILENAME: NICTD_WL_SHT_PP09.dgn SHEET: 29 OF 31
SCALE: AS NOTED



ALLMAN STREET



PLOT DATE: 7/19/2017 10:30:16 PM JKJELLM



ISSUE	DATE	DESCRIPTION



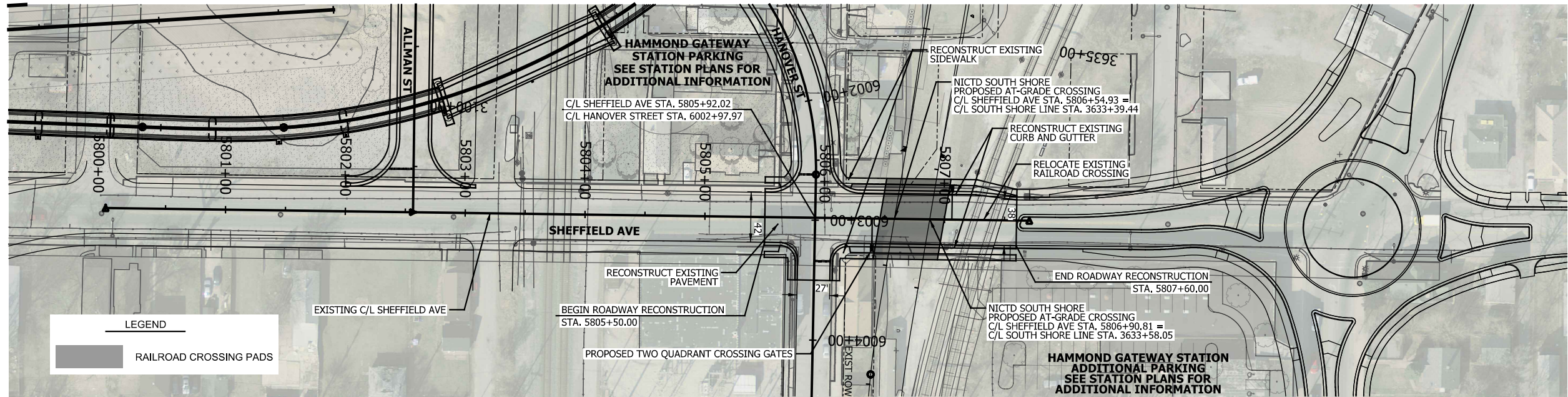
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DRAWN:	BZ
CHECKED:	TH
DATE:	07/21/17

NOT FOR CONSTRUCTION SERIES RDPP-10 OF RDPP-11

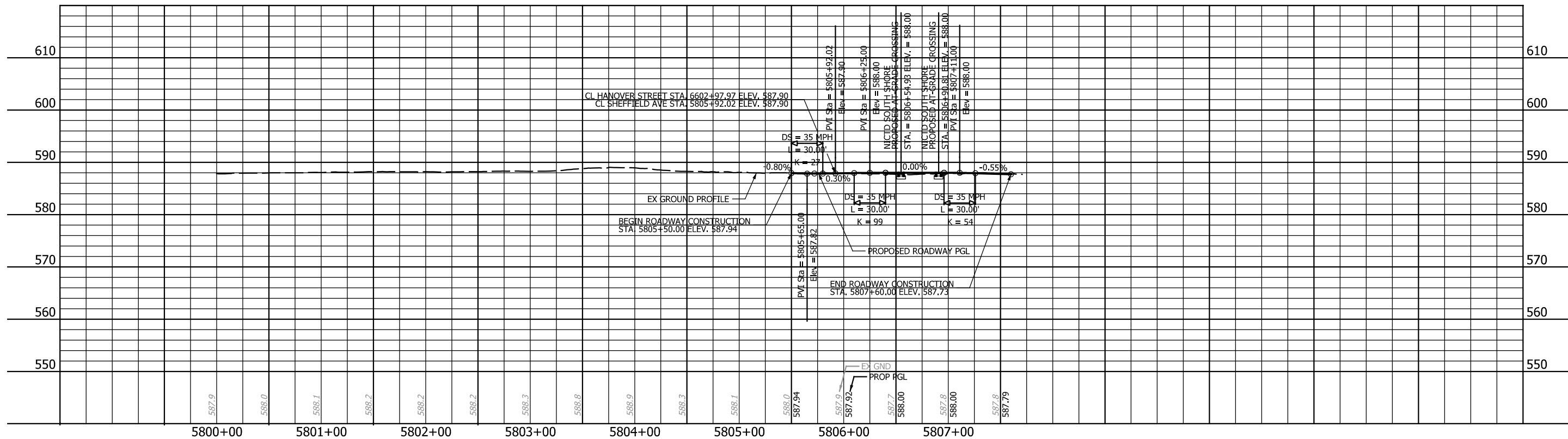
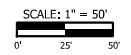
NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18 SINGLE TRACK

ALLMAN ST ROADWAY PLAN AND PROFILE

FILENAME	NICTD_WL_SHT_PP10.dgn	SHEET	30 OF 31
SCALE	AS NOTED		



SHEFFIELD AVENUE



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NICTD - WEST LAKE CORRIDOR - MP WL 61.38 TO WL 69.18 SINGLE TRACK	
SHEFFIELD AVE ROADWAY PLAN AND PROFILE	
FILENAME	NICTD_WL_SHT_PP11.dgn
SCALE	AS NOTED
SHEET	31 OF 31