STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES 37.5 L.F.

TROY LEE LUEKE
05-021-006-00

LONGITUDINAL CONSTRUCTION JOINT (TIED) SEE MOT PLANS

EXISTING STRUCTURE
SINGLE SPAN REINFORCED CONC. BRIDGE
30'-0" BK. TO BK.
SN 033-0028
STA. 659+13
TO BE REMOVED

LEVEE

DRAINAGE DISTRICT DITCH

SW¼, SEC 10
NW¼, SEC 15

PROPOSED R.O.W.

PROPOSED STRUCTURE SN 033-2010
STA. 659+11.74, DOUBLE 15'x8' RCBC,
15° SKEW LT. FWD.

STEEL PLATE BEAM GUARDRAIL, TYPE A, 150 L.F.

STA. 659+64.05
28.00' LT.

STA. 659+62.96 ℄ IL. RTE. 242=
STA. 10+00.00 ℄ PIOPOLIS ROAD

AGGREGATE SURFACE COURSE, TYPE A 6", 93 SQ YD (STD 9-83)

2¼" NOMINAL HMA OVERLAY

STEEL PLATE BEAM GUARDRAIL, TYPE A, 112.5 L.F.

STA. 660+16.05
28.00' LT.

TERMINAL TYPE 1, SPECIAL TANGENT (TYP.)

TRAFFIC BARRIER TERMINAL, TYPE 1, SPECIAL (TANGENT)

CHARLES A. LUEKE
06-003-002-00

SCALE: 1" = 20'

2¼" NOMINAL HMA OVERLAY

PROPOSED R.O.W.

EXISTING R.O.W.

PROP. CONST. LIMITS

7' HMA SHLD

7' AGG SHLD

F.E. +90.05

+53.48

15'R

22' GVL.

+26.51

+60.52

MATCHLINE STA. 657+50

658

659

660+00

661

662

663

SW¼, SEC 10
SE¼, SEC 9

NW¼, SEC 15
NE¼, SEC 16

IL. RTE. 242

ASPH.

REMOVE EXISTING GUARDRAIL

REMOVE EXISTING RCBC, 32 L.F. & HEADWALLS, 3 EA. TRENCH BACKFILL, 20.7 CU. YD.

88°28'26"

+65.94

+14.01

90°

2'-1½"

+70.00

+74.48

4.5' HMA SHLD (MOT STG 1)

4' AGG SHLD

+30.52

10'

PROPOSED R.O.W.

EXISTING SPLICEBOX TO BE RELOCATED BY OTHERS

EXISTING SPLICE BOX TO BE ADJUSTED/RELOCATED BY OTHERS

EXISTING ℄ IL. RTE. 242

HMA SURFACE REMOVAL (VAR.) (BUTT JOINT)

END ROADWAY IMPROVEMENTS
STA. 662+30.52

12' LN 12' LN 1' SHLD 1' SHLD (EXIST.)

STEEL PLATE BEAM GUARDRAIL, TYPE A, 137.5 L.F.

CONTINUOUSLY REINFORCED PCC PAVEMENT, 242 SQ. YD.

STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES 37.5 L.F.

EXISTING HYDRANT TO BE RELOCATED/ADJUSTED BY OTHERS

3" HMA PAVEMENT ON 12" AGGREGATE BASE COURSE (STD 9-83)

℄ PIOPOLIS ROAD (CH 20)

PROP. CONST. LIMITS

PROP. TEMP. ESMT.

EXISTING R.O.W.

18" STEEL

30'

GAIL DENNY C/O BRETT DENNY
05-020-014-00

CHARLES A. LUEKE
06-003-004-50

NOTES:
1. SEE ALIGNMENT SHEETS FOR BENCHMARK AND CONTROL POINT INFORMATION.
2. ALL CONCRETE PAVEMENT JOINTS SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 420001.
3. SPACING FOR BAR REINFORCEMENT IN CRPCC PAVEMENT TO BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 421001. NUMBER OF LONGITUDINAL BARS TO BE DETERMINED BASED ON THE PAVEMENT WIDTH. THE LUG SYSTEM OR WIDE FLANGE BEAM TERMINAL JOINT IS NOT INCLUDED/REQUIRED.
4. SEE ROW PLAN FOR LOCATIONS OF PROPOSED EASEMENTS AND ROW.

PLAN: SURVEYED | ALIGNMENT CHECKED | R.O.W. CHECKED | P.I.D.D. FILE NAME | NOTE BOOK | NO. | BY | DATE

PROFILE: SURVEYED | PLOTTED | GRADES CHECKED | D.M. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO. | BY | DATE

395 390 385 380 375 370

VPI STA. 658+70.00
ELEVATION 388.17
-0.14%
D.H.W. ELEV. (Q_{50}) = 386.24
-0.60% RT. DITCH
+68.65 (RT.)
EL. 381.59
+82.00 (RT.)
EL. 376.25
EXISTING
PROPOSED
388.05 388.24
388.02 388.21
388.00 388.19
388.00 388.19
388.01 388.20
387.98 388.16
387.96 388.13
387.92 388.09
657+50
658+00
658+50

VPI STA. 659+50.00
ELEVATION 388.06
℄ PIOPOLIS RD. STA. 659+62.96
-0.14%
PROPOSED 4'x3' RCBC (SEE STRUCTURAL PLANS)
2¼" NOMINAL HMA OVERLAY
PROPOSED ℄ PROFILE
INV. = 381.10
+1.89% RT. DITCH
INV. = 380.80
+84.30 (RT.)
EL. 381.10
+50.00 (RT.)
EL. 382.14
EXISTING ROADWAY PROFILE (ALONG EXISTING ℄)
MATCH EXISTING RT. DITCH
PROPOSED CULVERT (S.N. 033-2010)
U/S INV. = 376.00
D/S INV. = 375.50
387.87 388.06
387.83 388.08
387.91 388.10
387.93 388.12
387.95 388.14
387.94 388.13
387.94 388.13
387.90 388.10
659+00
659+50
660+00
660+50
661+00
661+50

VPI STA. 662+22.33
ELEVATION 388.07
-0.42%
30" HMA SURFACE REMOVAL (VAR.) BUTT JOINT
STA. 662+60.52
MATCH EXISTING
ELEV. 387.91
387.88 388.06
387.87 388.06
387.87 388.05
387.89 388.06
387.91 387.96
387.94
387.90
662+00
662+50
663+00
663+50

FILE NAME = ...\D978081-sht-plnprf002.dgn	USER NAME = Rob Heady	DESIGNED - JMM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN AND PROFILE IL ROUTE 242 F.A.P. ROUTE 776 (IL. RTE. 242)
		DRAWN - GLD	REVISED -		
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - JMM	REVISED -		SCALE: — SHEET NO. 2 OF 3 SHEETS STA. 657+50 TO STA. 663+50
	PLOT DATE = 5/21/2010	DATE - APRIL 2010	REVISED -		

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
776	102B-2	HAMILTON	42	12
		CONTRACT NO. 78081		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		