

CONSTRUCTION PLANS

REHABILITATE TAXIWAY "B"

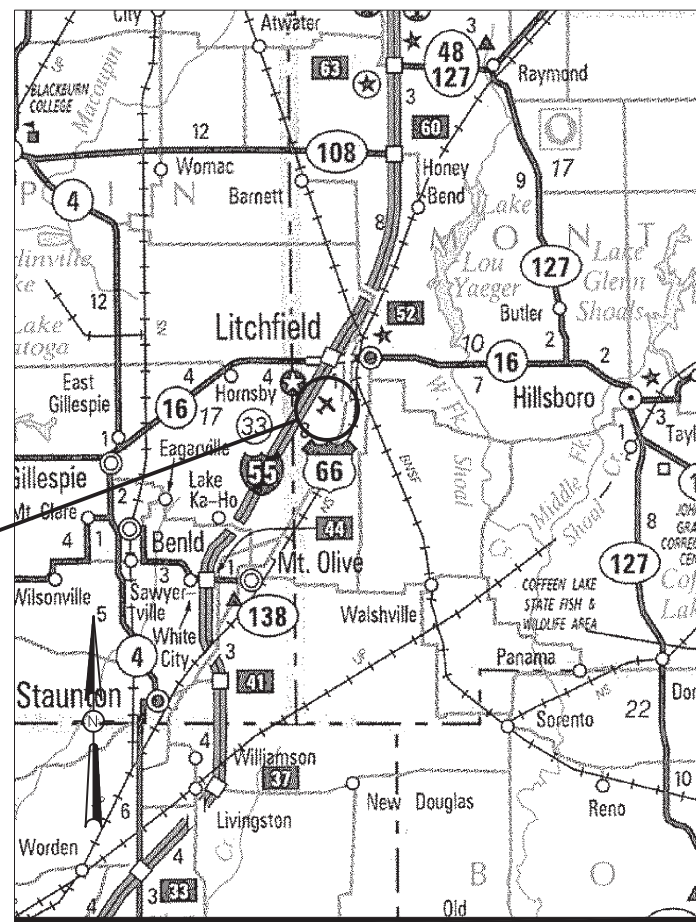
**LITCHFIELD AIRPORT AUTHORITY
LITCHFIELD MUNICIPAL AIRPORT (3LF)
LITCHFIELD, MONTGOMERY COUNTY, ILLINOIS**

**IDA PROJECT NO. 3LF-4529
SBG PROJECT NO. 3-17-SBGP-TBD**

SCOPE OF WORK:

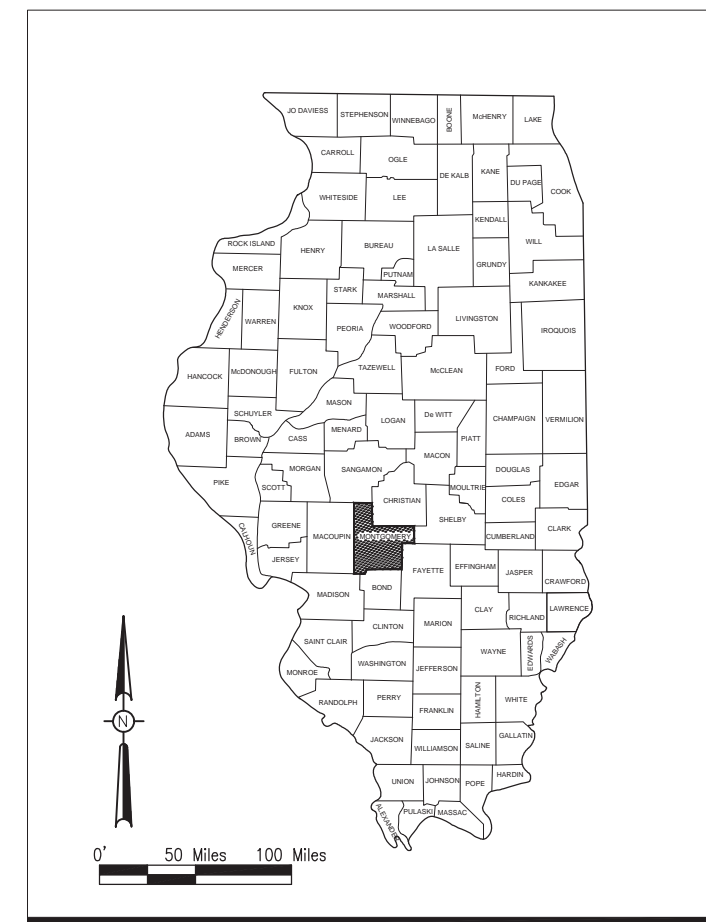
THE PROJECT SCOPE CONSISTS OF REHABILITATION OF TAXIWAY "B". ASSOCIATED WORK ITEMS INCLUDE CLEAN AND SEAL BITUMINOUS CRACKS, PAVEMENT REPAIRS, BITUMINOUS TACK COAT, POROUS FRICTION COURSE, BITUMINOUS SURFACE COURSE, PAVEMENT MARKING, SHOULDER ADJUSTMENT, INSPECTION HOLE ADJUSTMENT, SEEDING, MULCHING, AND INSTALLATION OF TEMPORARY EROSION CONTROL.

VICINITY MAP



LITCHFIELD MUNICIPAL AIRPORT

LOCATION MAP



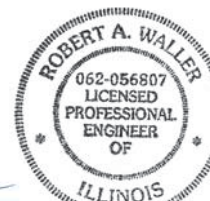
NOTICE TO CONTRACTORS AND BIDDERS

THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.

No.	Issue/Description	Sheets Changed	Date	By

PLANS PREPARED BY:

HANSON
HANSON PROFESSIONAL SERVICES INC.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Telephone: 217-788-2450
Fax: 217-788-2503



DATE OF PLANS
JUNE 15, 2016

Robert A. Waller

Robert A. Waller, P.E.
Project Engineer

Lic. Exp. 11/30/2017

15 JUN 2016

Date

LITCHFIELD AIRPORT AUTHORITY
1201 US Route 66 South
P.O. Box 381
Litchfield, Illinois 62056

Jim Wright

Jim Wright,
Secretary/Treasurer

5/28/2016

Date

SCOPE OF WORK

THE PROJECT SCOPE CONSISTS OF REHABILITATION OF TAXIWAY "B". ASSOCIATED WORK ITEMS INCLUDE CLEAN AND SEAL BITUMINOUS CRACKS, PAVEMENT REPAIRS, BITUMINOUS TACK COAT, POROUS FRICTION COURSE, BITUMINOUS SURFACE COURSE, PAVEMENT MARKING, SHOULDER ADJUSTMENT, INSPECTION HOLE ADJUSTMENT, SEEDING, MULCHING, AND INSTALLATION OF TEMPORARY EROSION CONTROL.

AIRPORT SECURITY NOTE

AIRPORT SECURITY WILL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR WILL CLOSE AND LOCK THE EXISTING GATE IN THE HAUL ROUTE AT THE END OF EACH WORKING DAY.

HEIGHT OF CONSTRUCTION EQUIPMENT

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 25 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A DUMP TRUCK.

PROJECT SAFETY NOTES

1. GENERAL - THE LITCHFIELD MUNICIPAL AIRPORT IS COMPRISED OF A 3,900 FT. BY 75 FT. RUNWAY 9-27 AND A 4,000 FT. BY 75 FT. RUNWAY 18-36. THE PROPOSED CONSTRUCTION WILL NECESSITATE CLOSING RUNWAY 9-27 ANY TIME THE HAUL ROUTE IS IN ACTIVE USE OR WHEN WORK IS BEING PERFORMED WITHIN 125' OF RUNWAY 9-27 CENTERLINE THE RUNWAY. THE RUNWAY WILL BE CLOSED FOR THE DURATION OF THE PROJECT. WHEN REOPENING THE RUNWAY, THE CONTRACTOR WILL SMOOTH GRADE ALL AREAS WITHIN THE SAFETY AREA TO THE SATISFACTION OF THE RESIDENT ENGINEER AND RE-OPEN THE RUNWAY. ALL WORK INCLUDED IN OPENING AND CLOSING THE RUNWAY WILL BE CONSIDERED INCIDENTAL TO ITEM AR150520 - MOBILIZATION.
2. RUNWAY 18-36 WILL REMAIN OPEN THROUGHOUT THE DURATION OF THIS PROJECT.
3. RADIO CONTROL - THE CONTRACTOR WILL BE REQUIRED TO BE IN TWO-WAY RADIO CONTACT (122.8 MHz.) WITH THE AIRPORT UNICOM. THIS WILL KEEP THE CONTRACTOR IN CONSTANT CONTACT WITH THE LITCHFIELD MUNICIPAL AIRPORT AND ENABLE THE AIRPORT TO IMMEDIATELY CONTACT THE CONTRACTOR IN CASE OF AN AERONAUTIC EMERGENCY THAT WOULD REQUIRE ACTION BY THE CONTRACTOR AND/OR HIS PERSONNEL.
4. ALL RUNWAY/TAXIWAY CLOSURES SHALL BE COORDINATED WITH THE AIRPORT MANAGER A MINIMUM OF 72 HOURS BEFORE THE DESIRED CLOSING TIME. THE AIRPORT MANAGER HAS COMPLETE AUTHORITY IN DETERMINING WHEN THE RUNWAY/TAXIWAY MAY BE CLOSED.

RUNWAY/TAXIWAY CLOSURE PROCEDURES:

- CONTACT THE AIRPORT MANAGEMENT OR ASSIGNED REPRESENTATIVE A MINIMUM OF 72 HOURS BEFORE THE DESIRED CLOSING TIME.
- ISSUANCE OF NOTAM AND DEACTIVATION OF THE APPLICABLE AIRFIELD LIGHTING AND NAVAIDS BY THE AIRPORT MANAGEMENT AND/OR FAA.
- PLACEMENT OF CROSSES AND BARRICADES.

ONLY AT THE TIME THAT ALL OF THE ABOVE ARE COMPLETED MAY ANY CONSTRUCTION OPERATIONS BEGIN WITHIN THE RUNWAY/TAXIWAY AIR OPERATIONS AREA.

RUNWAY/TAXIWAY RE-OPENING PROCEDURES:

- ENSURE ALL PERSONNEL, EQUIPMENT AND MATERIALS ARE CLEAR OF THE AIR OPERATIONS AREA.
- INSPECT THE AREA FOR LOOSE OR TRACKED DEBRIS, PAVEMENT DROP-OFFS, AND OPEN TRENCHES
- REMOVE BARRICADES AND CROSSES.
- NOTIFY THE AIRPORT MANAGEMENT OR REPRESENTATIVE TO CANCEL THE NOTAM.
- ACTIVATION OF THE AIRFIELD LIGHTING AND NAVAIDS AND CANCELLATION OF THE NOTAM BY THE AIRPORT MANAGEMENT AND/OR FAA.

CRITICAL POINT DATA						
CRITICAL POINT #	DESCRIPTION	LATITUDE	LONGITUDE	GROUND ELEVATION	OBJECT HEIGHT	TOP ELEVATION
1	CONST. EQUIP.	N039° 09' 58.2584"	W089° 40' 20.5590"	688.6'	25'	713.6'
2	CONST. EQUIP.	N039° 09' 58.9970"	W089° 40' 08.4227"	688.0'	25'	713.0'

HAUL ROUTE AND VEHICLE PARKING

THE CONTRACTOR WILL USE THE DESIGNATED HAUL ROUTE AND PARKING AREA AS SHOWN ON THIS SHEET. THE PROPOSED PARKING AREA WILL BE 100' X 100'. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE PROPOSED HAUL ROUTE AND PARKING AREA THROUGHOUT THE COURSE OF THE PROJECT. ANY AREAS DAMAGED OUTSIDE OF THESE AREAS WILL BE REPAIRED BY THE CONTRACTOR AND AT THE CONTRACTOR'S OWN EXPENSE. AT THE CONCLUSION OF THE PROJECT THE CONTRACTOR WILL RESTORE THE HAUL ROUTE AND PARKING AREA TO THEIR ORIGINAL STATE. RESTORATION OF THE HAUL ROUTE AND PARKING AREA WILL BE PAID FOR UNDER ITEM AR150540 - HAUL ROUTE.

HORIZONTAL AND VERTICAL CONTROL DATA				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
①	"LITPORT AZ MK" STAINLESS STEEL ROD IN SLEEVE	910853.93	2433591.39	679.81
②	"LITPORT" STAINLESS STEEL ROD IN SLEEVE	910877.65	2437462.49	688.51
③	RUNWAY 9 END BRASS MARKER 'WOOLPERT'	910952.81	2433462.00	681.9
④	RUNWAY 27 END BRASS MARKER 'WOOLPERT'	910972.24	2437362.07	689.9
⑤	CP#1 - SET - 5/8IN REBAR	910700.99	2435360.41	
⑥	CP#2 - SET - 5/8IN REBAR	910702.09	2436057.96	
⑦	CP#3 - SET - 5/8IN REBAR	910703.06	2436788.05	
⑧	BM#1 - CHISELED SQUARE ON HEADWALL	910711	2435110	683.29
⑨	BM#2 - CHISELED SQUARE ON HEADWALL	910622	2437068	685.79



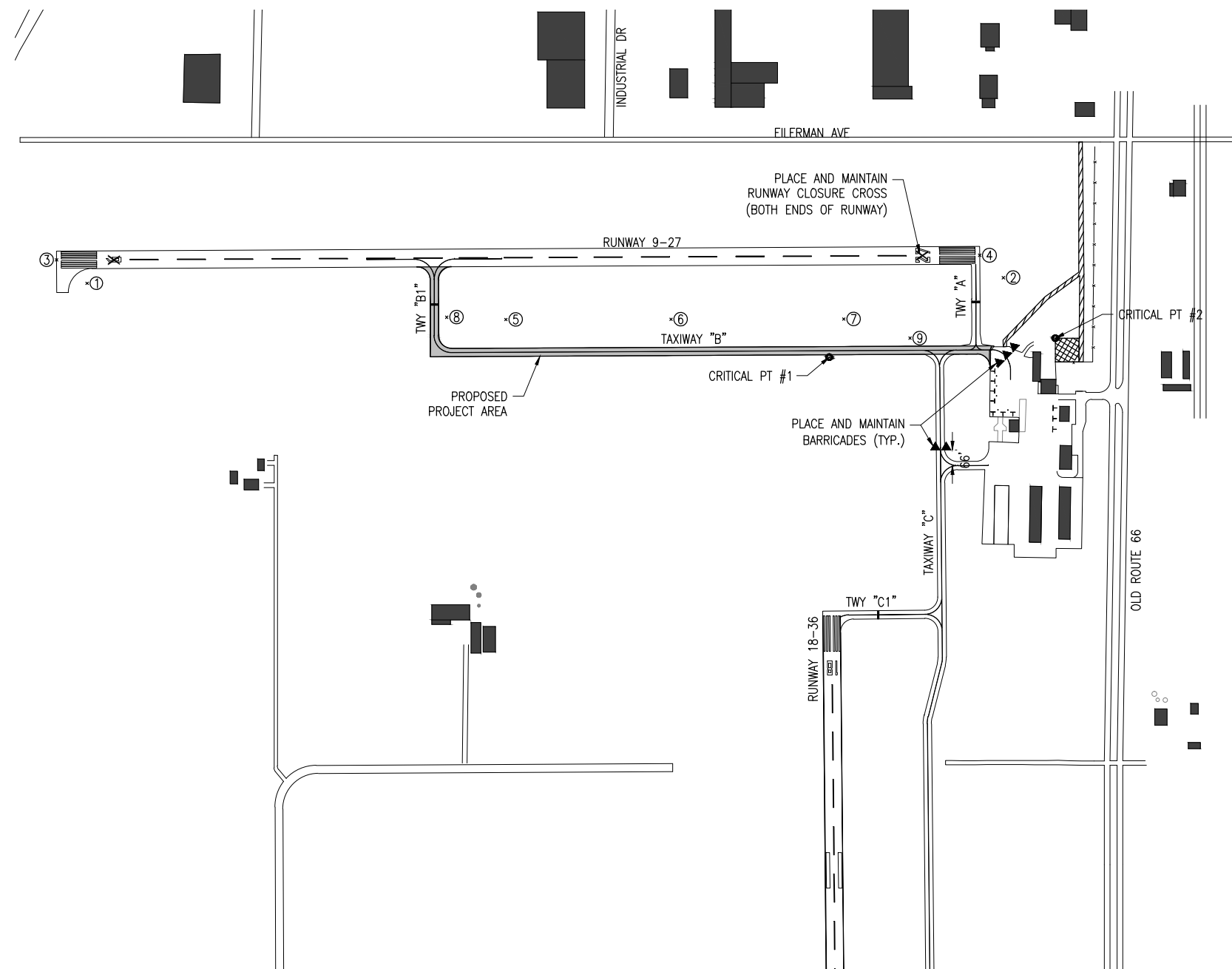
Offices Nationwide
www.hanson-inc.com

Hanson Professional Services Inc.
1525 S. 6th Street
Springfield, IL 62703
Telephone: 217-788-2450
Fax: 217-788-2503

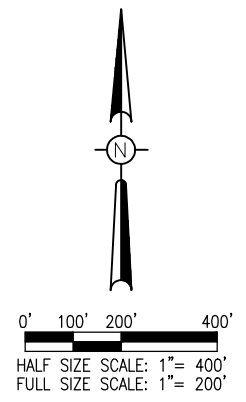
Illinois Licensed
Professional Service Corporation
#184-001084

LITCHFIELD MUNICIPAL AIRPORT

1201 US ROUTE 66 SOUTH
P. O. BOX 381
LITCHFIELD, IL. 62056



- LEGEND**
- EXISTING IMPROVEMENTS
 - EXISTING BUILDINGS
 - PROPOSED IMPROVEMENTS
 - PROPOSED HAUL ROUTE
 - PROPOSED EQUIPMENT PARKING AREA
 - PROPOSED BARRICADES
 - CRITICAL POINTS
 - HORIZONTAL/VERTICAL CONTROL POINT



REHABILITATE TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

Contract No. LI037

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JUNE 15, 2016
PROJECT NO: 15A0116D
CAD FILE: C-004-SFY-REV.DWG
DESIGN BY: JRH 04/12/2016
DRAWN BY: JRH 04/12/2016
REVIEWED BY: RAW 06/15/2016

SHEET TITLE

CONSTRUCTION SAFETY AND PHASING PLAN

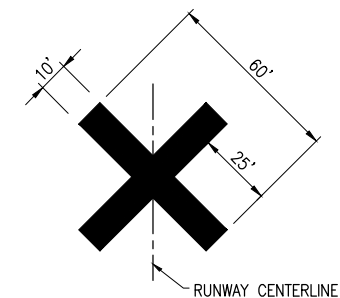
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GENERAL SAFETY NOTES

1. FOLLOWING ARE THE CONSTRUCTION SAFETY PROCEDURES THAT THE CONTRACTOR SHALL FOLLOW THROUGHOUT THIS PROJECT. ADDITIONAL REQUIREMENTS ARE SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEET AND THIS SHEET.
2. ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR AC 150/5370-2 (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN, OR AS MODIFIED BY THE OWNER THROUGH THE RESIDENT ENGINEER AT THE PRECONSTRUCTION CONFERENCE, OR DURING THE COURSE OF THE CONTRACT.
3. THE CONTRACTORS SHALL MINIMIZE DISRUPTION OF STANDARD OPERATING PROCEDURES FOR AERONAUTICAL ACTIVITY BY REMAINING WITHIN THE PRESCRIBED STAGING, CONSTRUCTION, AND PHASING AREAS PRESENTED ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEETS.
4. NO UNAUTHORIZED PERSONNEL SHALL ENTER ANY AREA OF THE AIRPORT THAT COULD POTENTIALLY BE HAZARDOUS. THE AIRPORT MANAGER RESERVES THE RIGHT TO SUSPEND OPERATIONS IN ORDER TO MAINTAIN SAFETY AT THE AIRPORT.
5. CONTRACTOR EQUIPMENT, VEHICLES, AND PROJECT MATERIALS SHALL BE STORED AT THE STAGING AREA SHOWN ON THE PLAN VIEW, EXCEPT AS OTHERWISE PROVIDED FOR AT THE PRECONSTRUCTION CONFERENCE.
6. ALL CONSTRUCTION EQUIPMENT OPERATING IN THE PRESCRIBED CONSTRUCTION AREA IS REQUIRED TO DISPLAY A CHECKERBOARD FLAG PROPERLY LOCATED OR A ROTATING BEACON (STROBE) AS SPECIFIED IN AC 150/5210-5, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" LATEST EDITION. THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.
7. NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 250' OF ANY ACTIVE RUNWAY, WITHIN 66' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA, OR PENETRATE A PART 77 IMAGINARY SURFACE (PROVIDED BY THE RESIDENT ENGINEER) EXTENDING OUT AND UPWARDS FROM ALL SIDES OF AN ACTIVE RUNWAY.
8. NO OPEN TRENCHES WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR WITHIN 66' OF ANY AIRPORT OPERATIONS AREA WILL BE PERMITTED UNLESS PROPERLY MARKED. OTHER TRENCHES SHALL BE MAINTAINED SAFE, I.E., BARRICADED OR COVERED WITH STEEL PLATES IN ALL OTHER AREAS.
9. OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHOULD BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING RED LIGHTS DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS.
10. NO CONSTRUCTION EQUIPMENT GREATER THAN 25' TALL WILL BE PERMITTED ON THE AIRPORT. HOWEVER OTHER EQUIPMENT TALLER THAN 25' MAY BE PERMITTED WITH THE APPROVAL OF THE AIRPORT MANAGER AND AIRSPACE APPROVAL BY THE FAA.
11. NO OPEN FLAME WELDING OR TORCH CUTTING OPERATION IS PERMITTED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY THE AIRPORT MANAGER NO FLARE POTS ARE ALLOWED ON THE PROJECT.
12. SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRUCKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEEPED, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
13. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING AIRPORT LIGHTING AND NAVIGATIONAL ELECTRICAL SYSTEMS DURING CONSTRUCTION. A CONTACT PERSON AND TELEPHONE NUMBER FOR 24 HOUR EMERGENCY IMMEDIATE REPAIR SHALL BE SUBMITTED TO THE AIRPORT MANAGER AND RESIDENT ENGINEER. HAUL ROUTES CROSSING PAVEMENT, DRAINAGE, MISCELLANEOUS STRUCTURES AND/OR AIRFIELD CABLES SHALL BE PROTECTED FROM DAMAGE.
14. ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
15. CONTRACTOR SHALL PLACE, SECURE, AND MAINTAIN LIGHTED BARRICADES AND CLOSURE CROSSES WHEN A RUNWAY/TAXIWAY/APRON IS CLOSED OR AS REQUIRED BY THE PLANS AND DESIGNATED BY THE RESIDENT ENGINEER.
16. CONTRACTOR SHALL MARK HAZARDOUS AREA WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED.
17. THE CONTRACTOR SHALL PERIODICALLY PERFORM ONSITE INSPECTIONS THROUGHOUT THE DURATION OF THE PROJECT WITH THE IMMEDIATE REMEDY OF ANY DIFFERENCES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE.
18. CONTRACTOR SHALL MOVE MAINTENANCE OF TRAFFIC COMPONENTS AT THE WRITTEN DIRECTION OF THE RESIDENT ENGINEER AT NO ADDITIONAL COST.
19. CONTRACTOR SHALL NOT REMOVE THE BARRICADES WITHOUT THE APPROVAL BY THE RESIDENT ENGINEER.
20. CONTRACTOR SHALL MAINTAIN FLASHERS, SIGNS AND/OR BARRICADES AS REQUIRED BY THE PLANS, CITY OR COUNTY REGULATIONS OR CONTRACTOR ACTIVITIES. CONTRACTOR SHALL OBTAIN ANY AND ALL REQUIRED LOCAL PERMITS UNLESS SPECIFIED OTHERWISE.
21. THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER AS NECESSARY TO CONTROL DUST.
22. NO CONSTRUCTION VEHICLES SHALL BE DRIVEN ACROSS ANY ACTIVE RUNWAY, INCLUDING TURF RUNWAYS. CONSTRUCTION EQUIPMENT OR CONSTRUCTION ACTIVITY WILL NOT BE PERMITTED WITHIN 125' OF ANY ACTIVE RUNWAY CENTERLINE OR WITHIN 66' OF ANY OTHER ACTIVE AIRPORT TAXIWAY OR APRON. HOWEVER, CONSTRUCTION MAY BE PERMITTED IN THESE AREAS IF THE CONTRACTOR HAS GAINED APPROVAL FROM THE AIRPORT MANAGER AT LEAST 7 DAYS IN ADVANCE OF THE SCHEDULED CONSTRUCTION PERIOD AND THE OPERATIONAL AREA IS CLOSED TO TRAFFIC AND PROPER NOTAMS ARE ISSUED BY THE AIRPORT MANAGER TO THE APPROPRIATE FLIGHT SERVICE STATION.
23. UNLESS SPECIFIED OTHERWISE, COST FOR THE ABOVE IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE.
24. THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.

BARRICADE NOTES

1. CLOSED AIRFIELD PHASING AREAS, OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2, "OPERATIONAL SAFETY ON AIRPORT DURING CONSTRUCTION, LATEST EDITION. LIGHTED BARRICADES MUST BE NO TALLER THAN 18" (EXCLUSIVE OF SUPPLEMENTARY LIGHTS AND FLAGS) ON THE TAXIWAYS AND COMPLY WITH ADVISORY CIRCULAR 150/5370-2, LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
2. BARRICADES SHALL BE SPACED END TO END THE WIDTH OF THE PAVEMENT IN 4' INCREMENTS. BARRICADES ARE TO BE SET BACK 65.5' FROM THE ACTIVE TAXIWAY CENTERLINE OR AS SHOWN ON THE PLANS.
3. CONSTRUCTION RED WARNING LIGHT: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY MAY BE USED IN EITHER A STEADY BURN (TYPE C) OR LOW INTENSITY FLASHING MODE (TYPE A) UNLESS NOTED OTHERWISE.
4. THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR AFTER SUNSET AND 1/2 HOUR BEFORE SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO OBSCURE VISION.
5. BARRICADES SHALL BE SECURED TO THE GROUND BY APPROVED METHODS TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS.
6. THE ONLY COLOR COMBINATION ON BARRICADES IS ORANGE AND WHITE. THE ORANGE STRIPES SHALL BE ENCAPSULATED LENS REFLECTIVE SHEETING. THE WHITE STRIPES SHALL BE EITHER ENCAPSULATED OR ENCLOSED LENS REFLECTIVE SHEETING AND MUST BE IN ACCEPTABLE CONDITION.
7. COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING BARRICADES SHALL BE INCLUDED IN THE COST OF ITEM AR150520 - MOBILIZATION.



1. TEMPORARY CLOSURE CROSS MARKINGS SHALL BE "AVIATION YELLOW."
2. TEMPORARY CLOSURE CROSS MARKINGS SHALL BE CONSTRUCTED OF PLYWOOD, SNOW FENCE OR APPROVED FABRIC AND SHALL BE SECURED TO PAVEMENT BY SANDBAGS OR OTHER APPROVED METHOD.
3. COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING CLOSURE CROSSES SHALL BE INCLUDED IN THE COST OF ITEM AR150520 - MOBILIZATION.

CLOSURE CROSS MARKER DETAIL

NOT TO SCALE



Offices Nationwide
www.hanson-inc.com

Hanson Professional Services Inc.
1525 S. 6th Street
Springfield, IL 62703
Telephone: 217-788-2450
Fax: 217-788-2503

Illinois Licensed
Professional Service Corporation
#184-001084

LITCHFIELD MUNICIPAL AIRPORT

1201 US ROUTE 66 SOUTH
P. O. BOX 381
LITCHFIELD, IL. 62056

REHABILITATE TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

Contract No. LI037

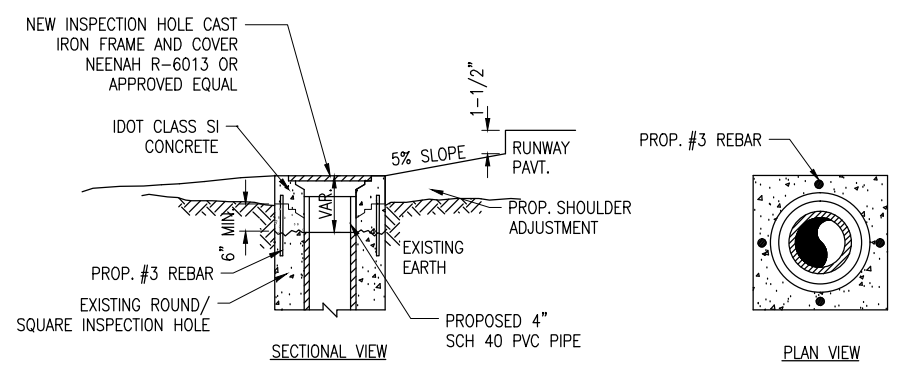
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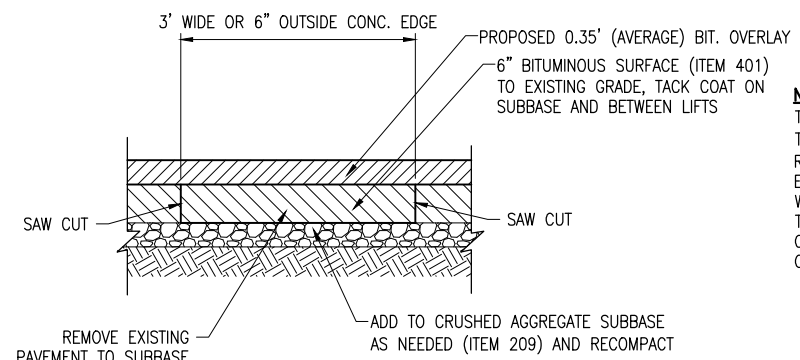
SHEET TITLE

CONSTRUCTION SAFETY AND PHASING DETAILS AND NOTES

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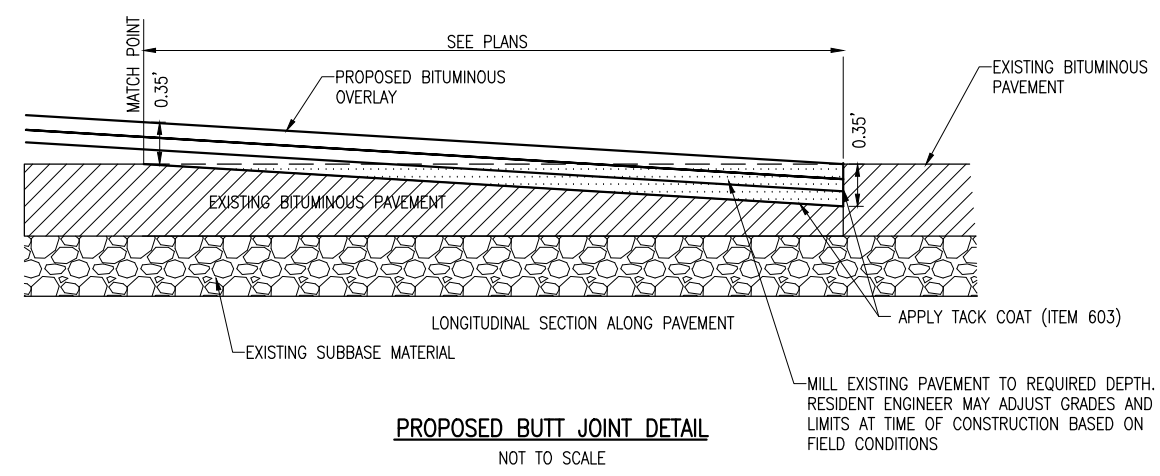


INSPECTION HOLE/CLEANOUT ADJUSTMENT DETAIL



FULL DEPTH PAVEMENT REPAIR
NOT TO SCALE

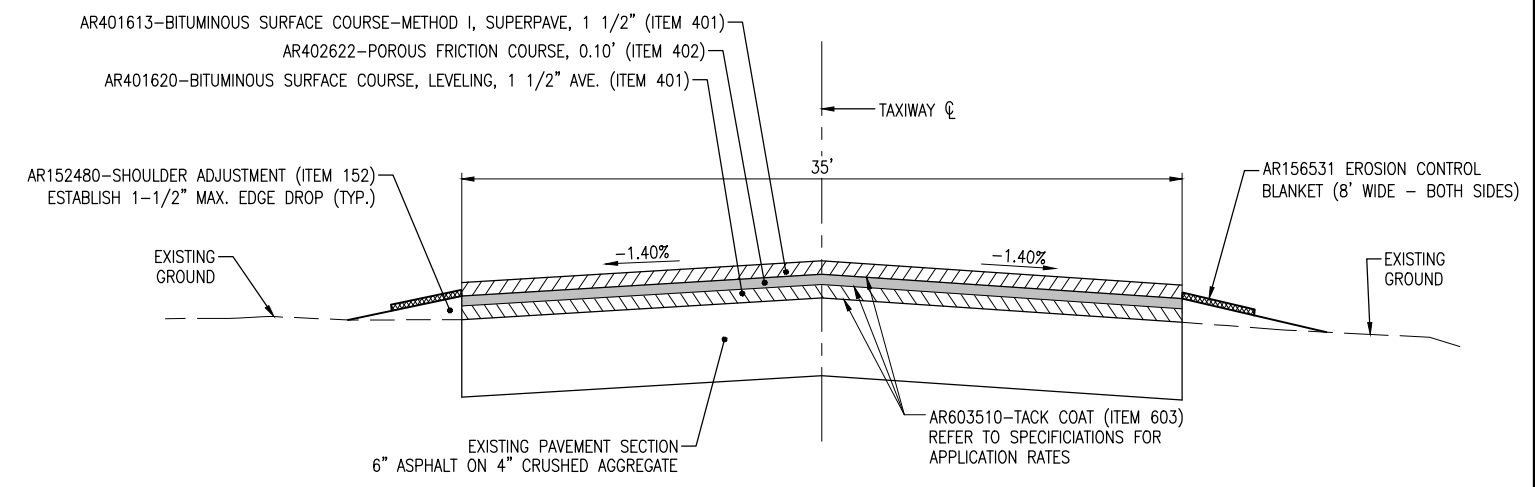
NOTE
THE AREA(S) DESIGNATED ON THE CONSTRUCTION PLAN SHEETS OR AS DETERMINED BY THE RESIDENT ENGINEER/TECHNICIAN WILL HAVE THE EXISTING BITUMINOUS PAVEMENT REMOVED (FULL DEPTH) AND REPLACED WITH BITUMINOUS MATERIAL. THE BASE WILL BE EXAMINED UPON REMOVAL BY THE RESIDENT ENGINEER AND IF IT APPEARS UNSTABLE IT WILL BE REPLACED BY NO LESS THAN 4 INCHES OF CRUSHED AGGREGATE BASE COURSE. THE COST OF PAVEMENT REMOVAL, THE CRUSHED AGGREGATE, BITUMINOUS SURFACE COURSE UP TO EXISTING GRADE ELEVATION, AND ALL LABOR AND INCIDENTALS TO COMPLETE THIS WORK SHALL BE PAID FOR UNDER ITEMS:
AR401910 "REMOVE AND REPLACE BITUMINOUS PAVEMENT" - PER SQUARE YARD.
AR501912 "REMOVE AND REPLACE PCC & HMA PAVEMENT" - PER SQUARE YARD.



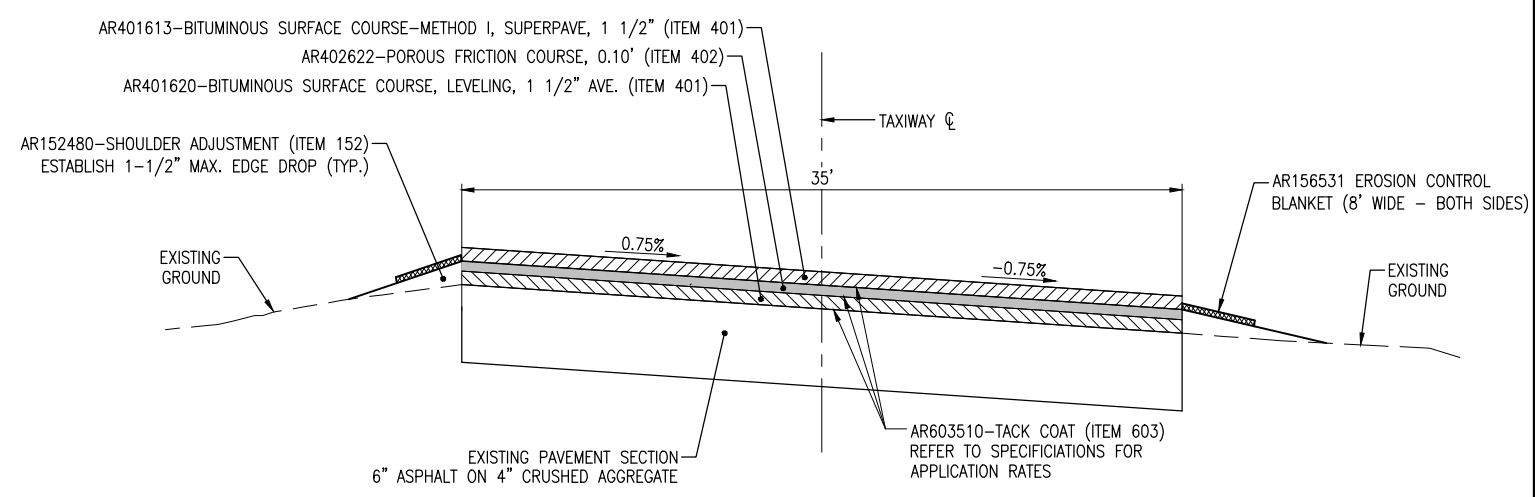
PROPOSED BUTT JOINT DETAIL
NOT TO SCALE

AR401655 BUTT JOINT CONSTRUCTION NOTES

1. THE PROPOSED BUTT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ITEM AR401655 "BUTT JOINT CONSTRUCTION" AS STATED IN THE STANDARD SPECIFICATIONS, ADOPTED APRIL 1, 2012.
2. THIS ITEM SHALL CONSIST OF REMOVING THE EXISTING BITUMINOUS PAVEMENT SURFACE BY MILLING IN ORDER TO CONSTRUCT A BUTT JOINT FOR THE TRANSITION OF THE PROPOSED BITUMINOUS OVERLAY AT THE LOCATIONS AS SHOWN ON THE PLANS.
3. THE PAVEMENT SURFACE WILL THEN BE MILLED TO A DEPTH OF 0.35" AT THE BUTT END AND WILL TAPER TO 0 IN. AT THE OPPOSITE END. THE PLANNER MUST BE CAPABLE OF MILLING THE SURFACE TO THE DESIRED ELEVATIONS AND GRADES.
4. ANY ADJACENT PAVEMENT DAMAGED BY THE MILLING OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.
5. ALL BITUMINOUS PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE CONTRACTOR AND ACCEPTED BY THE RESIDENT ENGINEER/TECHNICIAN.
6. PAVEMENT MILLINGS SHALL BE REMOVED AND DISPOSED OF OFFSITE, UNLESS THE AIRPORT REQUESTS THEY REMAIN ONSITE AT THE TIME OF CONSTRUCTION.
7. THE PAVEMENT MILLING WILL BE PAID FOR UNDER ITEM: AR401655 "BUTT JOINT CONSTRUCTION", PER S.Y.



TYPICAL SECTION-TAXIWAY "B"
(SLOPES AND DIMENSIONS VARY AT INTERSECTIONS)
NOT TO SCALE



TYPICAL SECTION-TAXIWAY "B1"
(SLOPES AND DIMENSIONS VARY AT INTERSECTIONS)
NOT TO SCALE

REHABILITATE TAXIWAY "B"

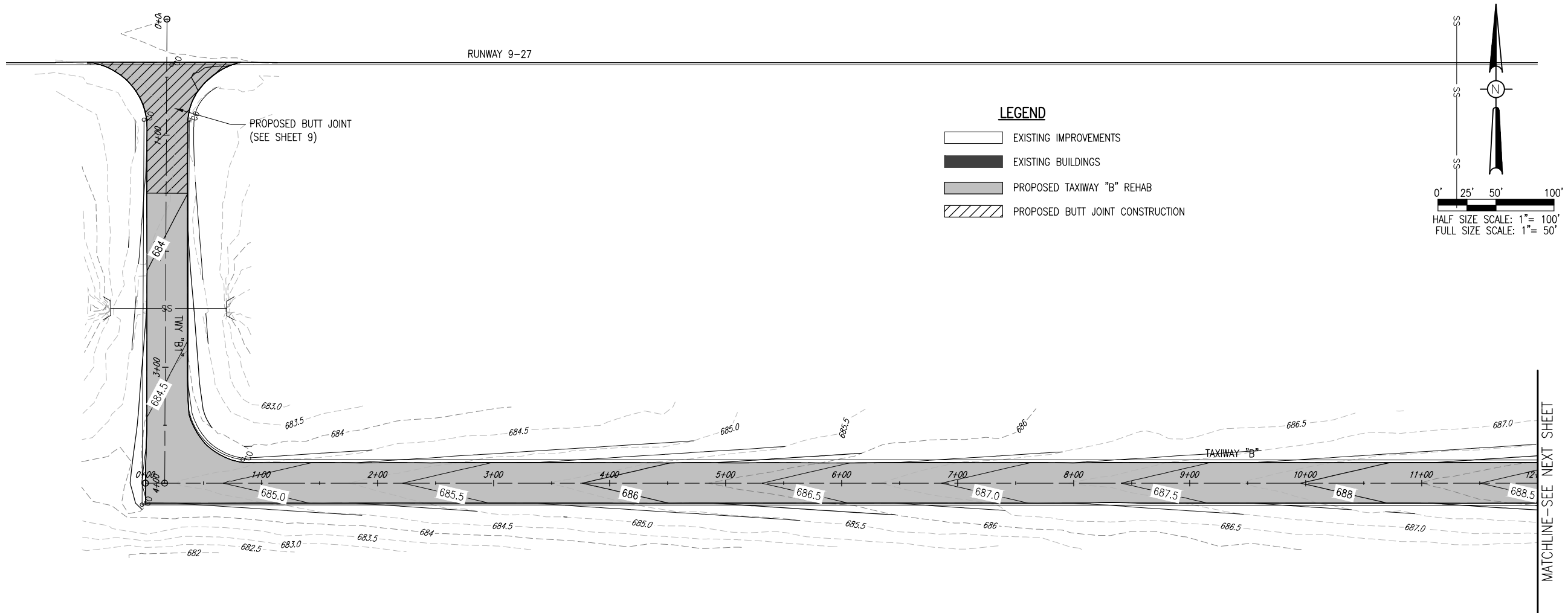
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PROPOSED TYPICAL SECTION AND DETAIL SHEET



REHABILITATE TAXIWAY "B"

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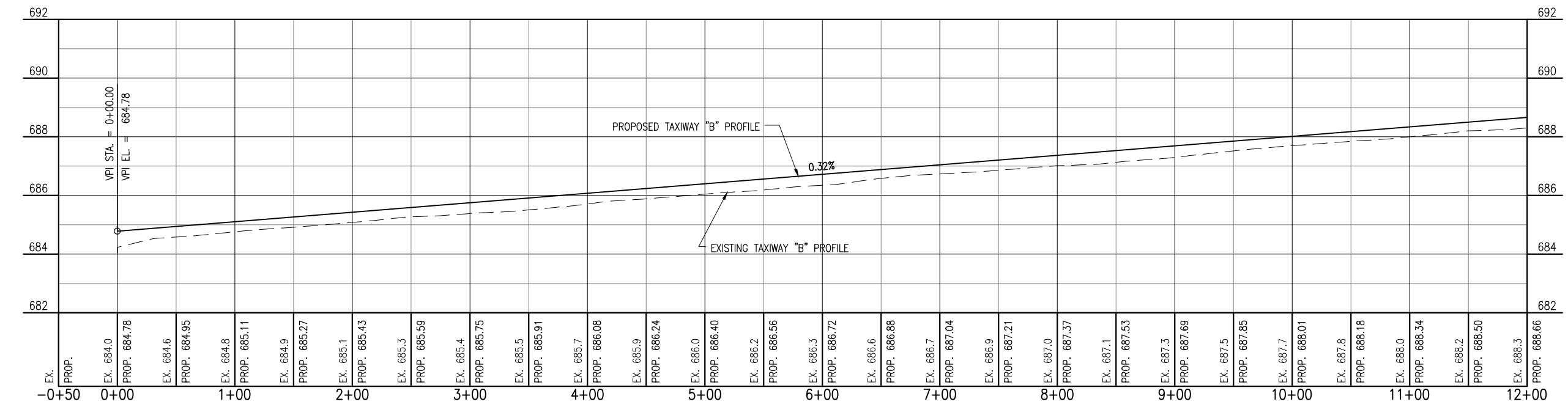
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



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DRAWN BY: JRH 04/12/2016
REVIEWED BY: RAW 06/15/2016

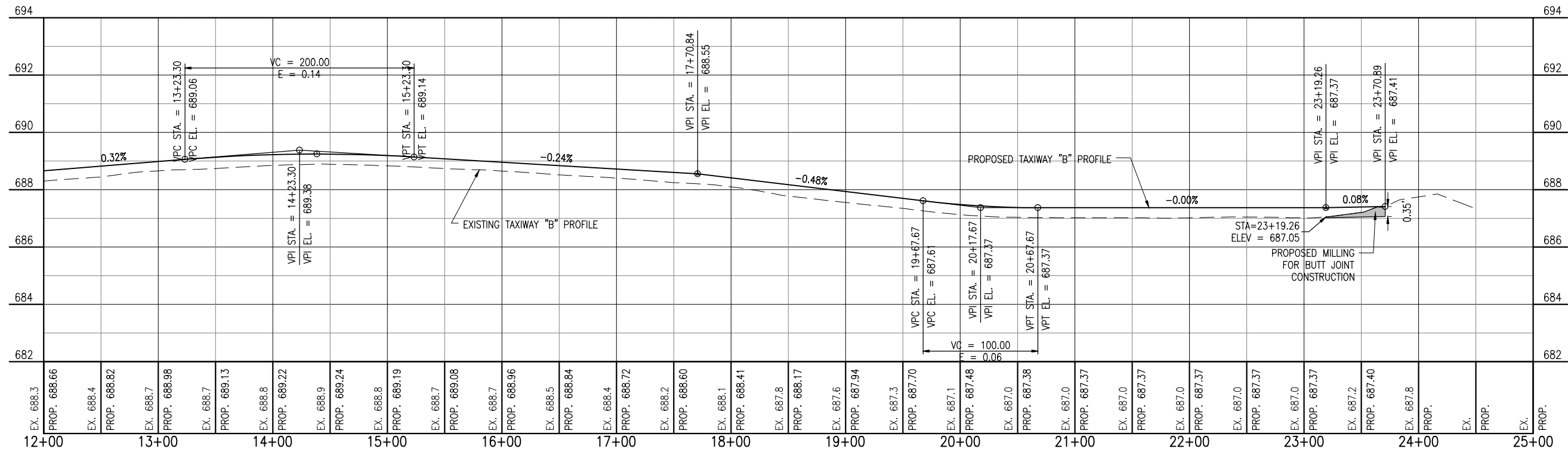
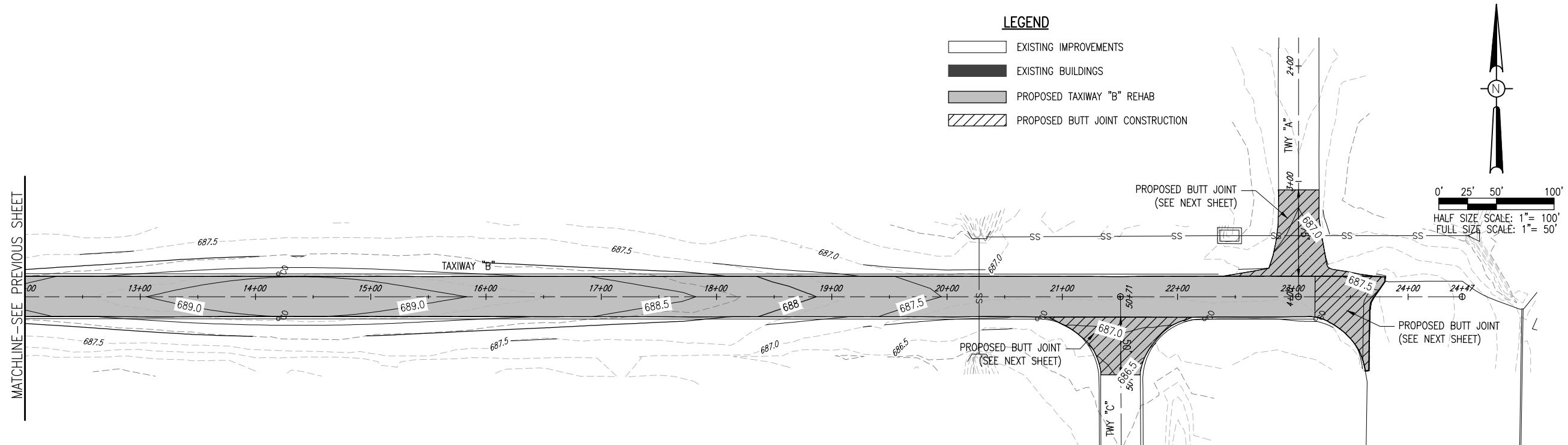
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PROPOSED PLAN AND PROFILE - TWY B SHEET 1



LEGEND

-  EXISTING IMPROVEMENTS
-  EXISTING BUILDINGS
-  PROPOSED TAXIWAY "B" REHAB
-  PROPOSED BUTT JOINT CONSTRUCTION



REHABILITATE TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

Contract No. LI037

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JUNE 15, 2016

PROJECT NO: 15A0116D

CAD FILE: C-701-PNP.DWG

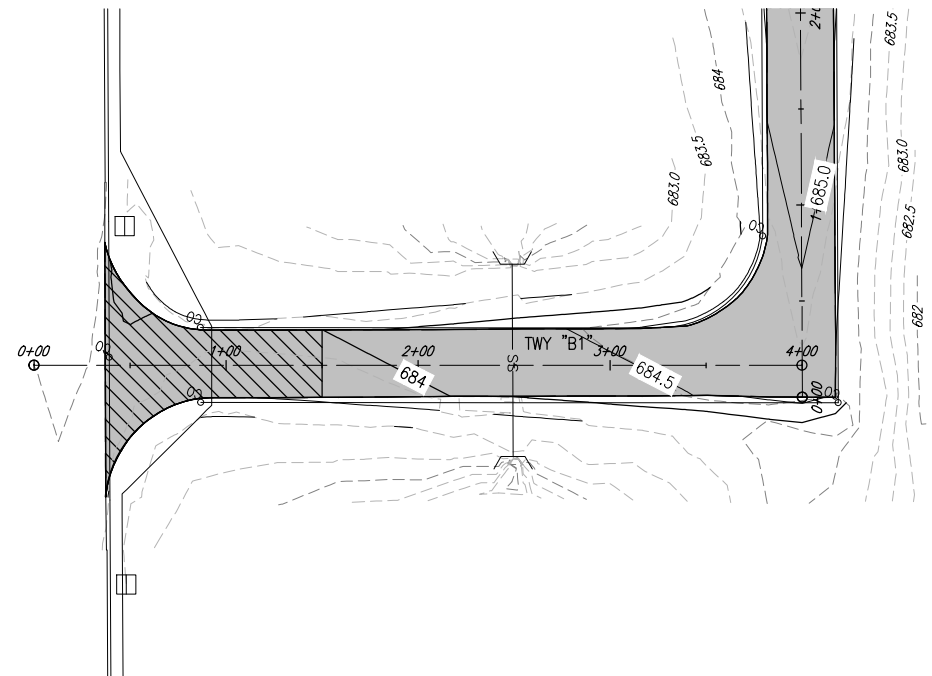
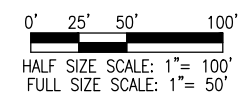
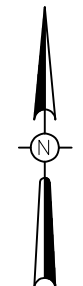
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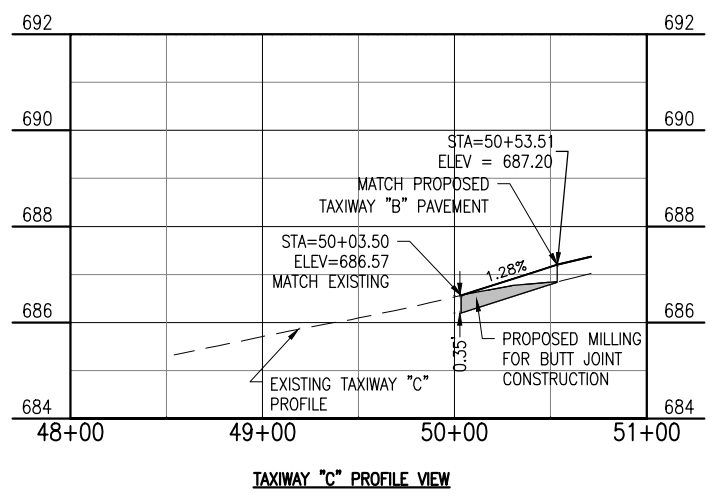
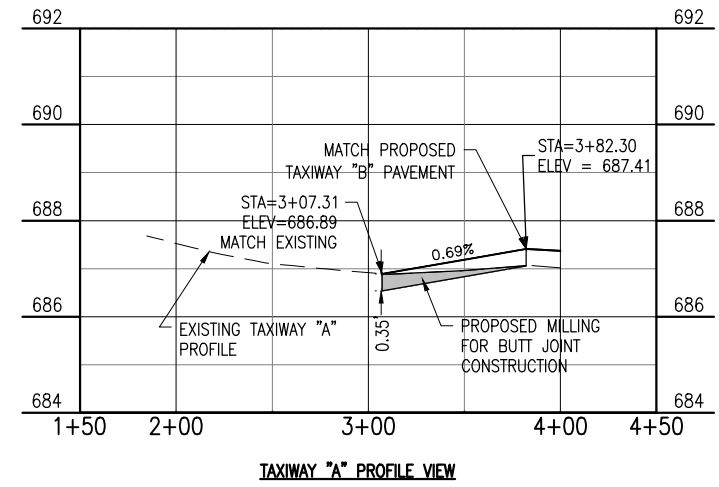
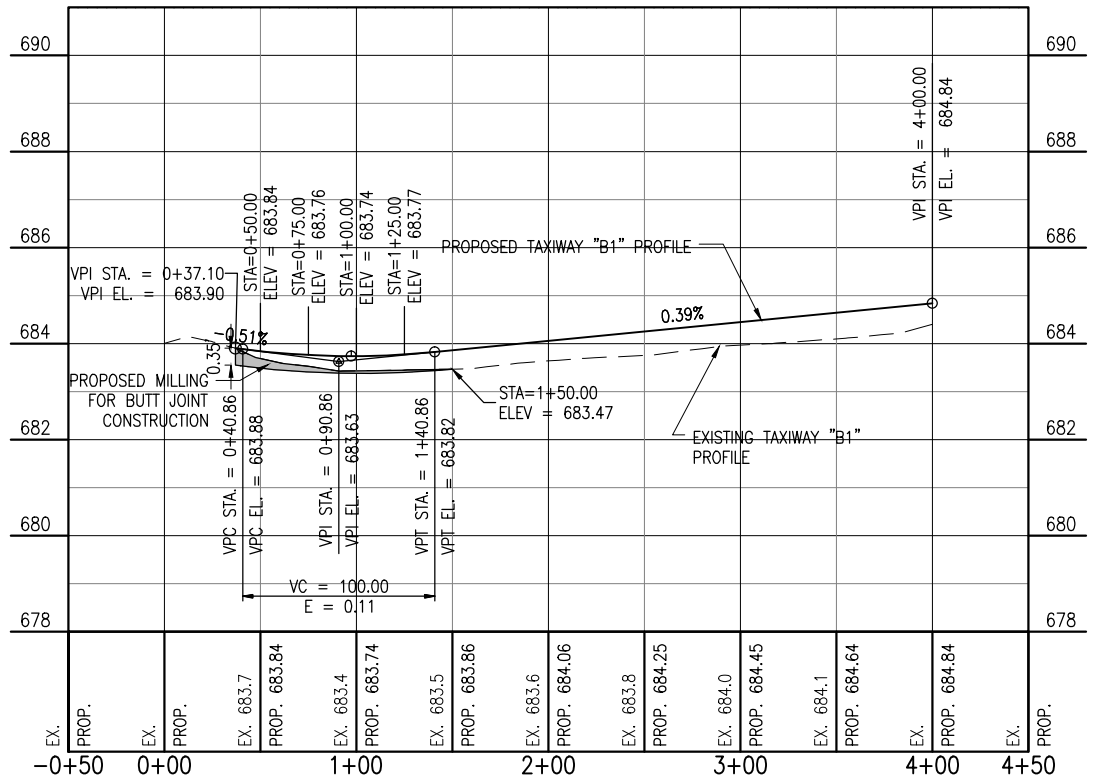
REVIEWED BY: RAW 06/15/2016

SHEET TITLE

PROPOSED PLAN AND PROFILE - TWY B SHEET 2



- LEGEND**
- EXISTING IMPROVEMENTS
 - EXISTING BUILDINGS
 - PROPOSED TAXIWAY "B" REHAB
 - PROPOSED BUTT JOINT CONSTRUCTION



REHABILITATE TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

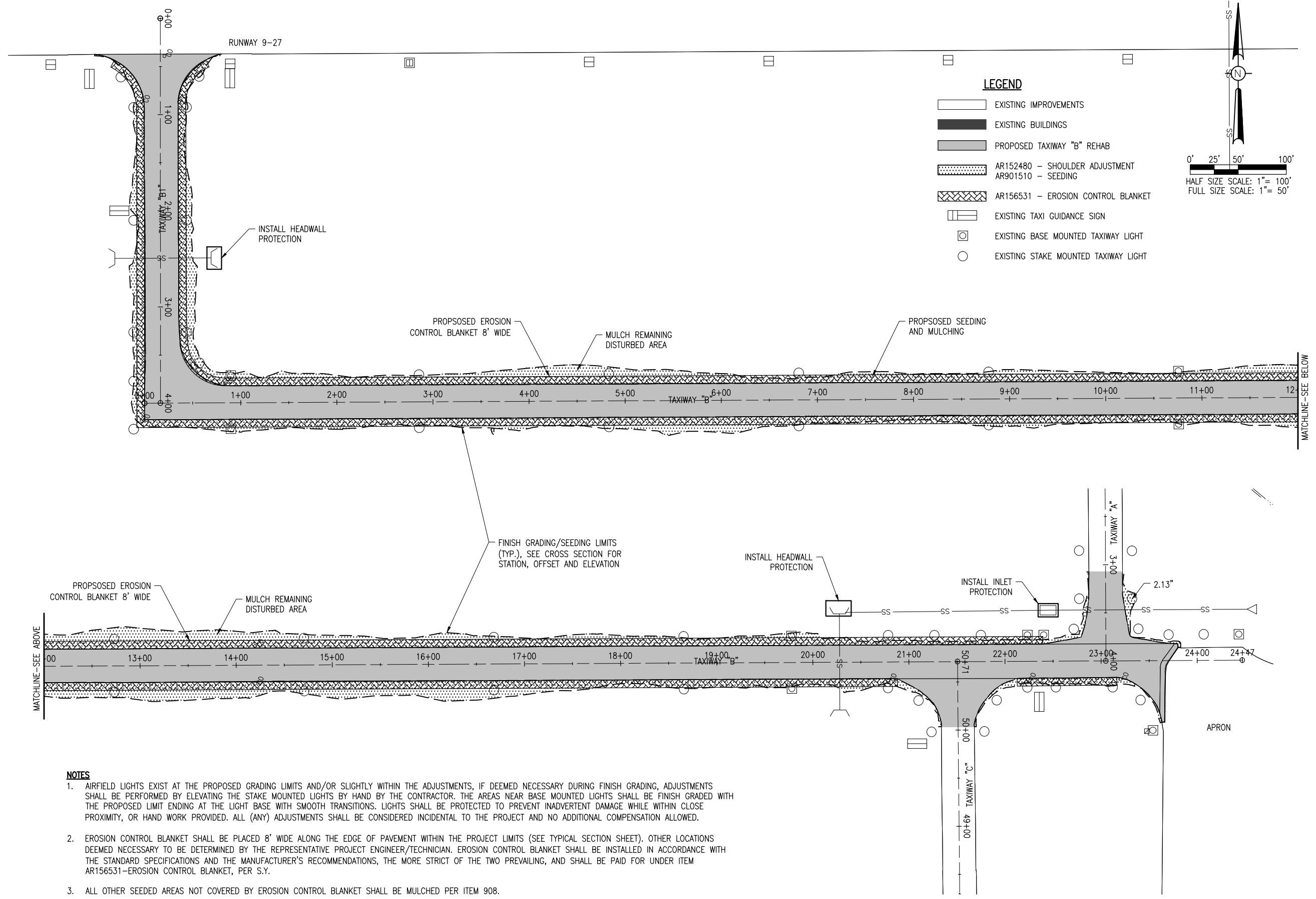
Contract No. LI037

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JUNE 15, 2016
PROJECT NO: 15A0116D
CAD FILE: C-701-PNP.DWG
DESIGN BY: JRH 04/12/2016
DRAWN BY: JRH 04/12/2016
REVIEWED BY: RAW 06/15/2016

SHEET TITLE

PROPOSED PLAN AND PROFILE - TWY B1



NOTES

1. AIRFIELD LIGHTS EXIST AT THE PROPOSED GRADING LIMITS AND/OR SLIGHTLY WITHIN THE ADJUSTMENTS, IF DEEMED NECESSARY DURING FINISH GRADING, ADJUSTMENTS SHALL BE PERFORMED BY ELEVATING THE STAKE MOUNTED LIGHTS BY HAND BY THE CONTRACTOR. THE AREAS NEAR BASE MOUNTED LIGHTS SHALL BE FINISH GRADED WITH THE PROPOSED LIMIT ENDING AT THE LIGHT BASE WITH SMOOTH TRANSITIONS. LIGHTS SHALL BE PROTECTED TO PREVENT INADVERTENT DAMAGE WHILE WITHIN CLOSE PROXIMITY, OR HAND WORK PROVIDED. ALL (ANY) ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL COMPENSATION ALLOWED.
2. EROSION CONTROL BLANKET SHALL BE PLACED 8' WIDE ALONG THE EDGE OF PAVEMENT WITHIN THE PROJECT LIMITS (SEE TYPICAL SECTION SHEET). OTHER LOCATIONS DEEMED NECESSARY TO BE DETERMINED BY THE REPRESENTATIVE PROJECT ENGINEER/TECHNICIAN. EROSION CONTROL BLANKET SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE MANUFACTURER'S RECOMMENDATIONS, THE MORE STRICT OF THE TWO PREVAILING, AND SHALL BE PAID FOR UNDER ITEM AR156531-EROSION CONTROL BLANKET, PER S.Y.
3. ALL OTHER SEEDED AREAS NOT COVERED BY EROSION CONTROL BLANKET SHALL BE MULCHED PER ITEM 908.
4. INLET PROTECTION AND HEADWALL PROTECTION SHALL BE PROVIDED IN ACCORDANCE TO THE PLANS AND DETAILS SHOWN, AND SHALL BE PAID FOR WITHIN ITEM AR156500-TEMPORARY EROSION CONTROL, PER LUMP SUM. TEMPORARY EROSION CONTROL MEASURES SHALL REMAIN AND BE MAINTAINED IN PLACE UNTIL A STAND OF GRASS IS ESTABLISHED, AT WHICH TIME THEY WILL BE REMOVED. PLACEMENT, MAINTENANCE AND REMOVAL SHALL BE INCIDENTAL TO THIS ITEM.

REHABILITATE TAXIWAY "B"

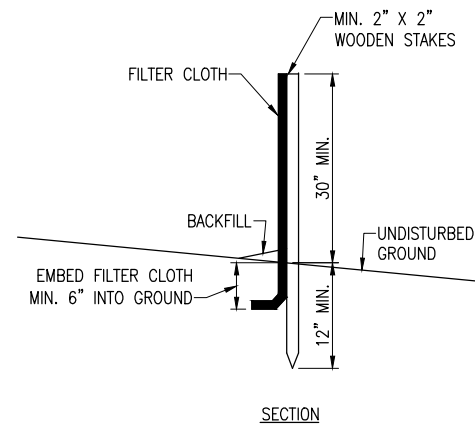
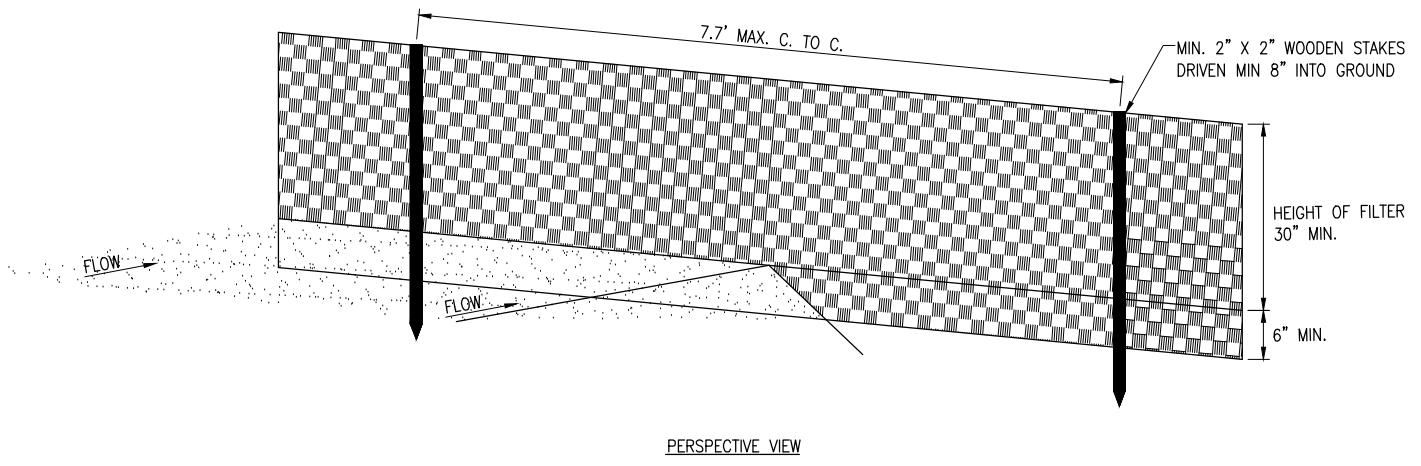
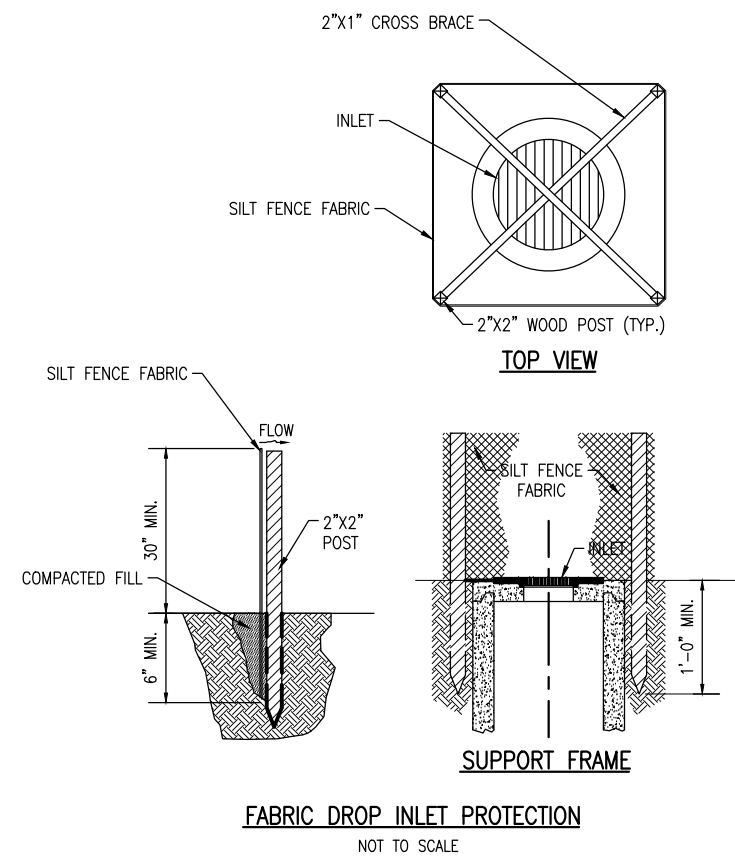
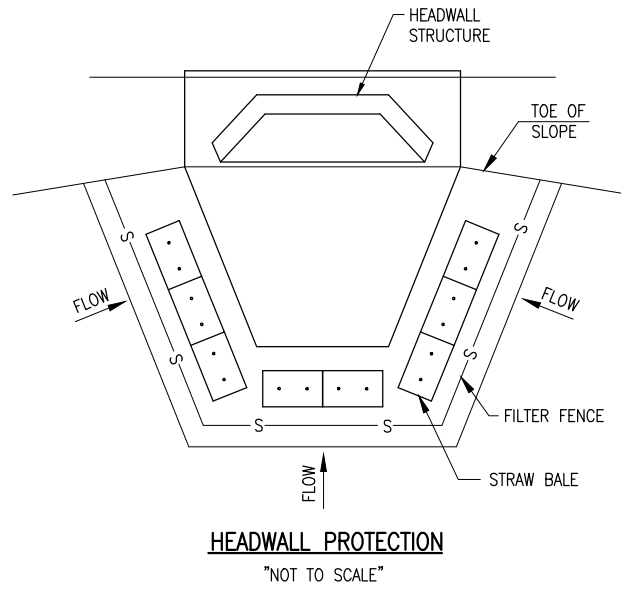
IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

Contract No. LI037

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JUNE 15, 2016
PROJECT NO: 15A0116D
CAD FILE: C-181-SWPP.DWG
DESIGN BY: JRH 05/24/2016
DRAWN BY: JRH 05/24/2016
REVIEWED BY: RAW 06/15/2016

TEMPORARY EROSION CONTROL PLAN



FILTER FENCE DETAIL
"NOT TO SCALE"

REHABILITATE
TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

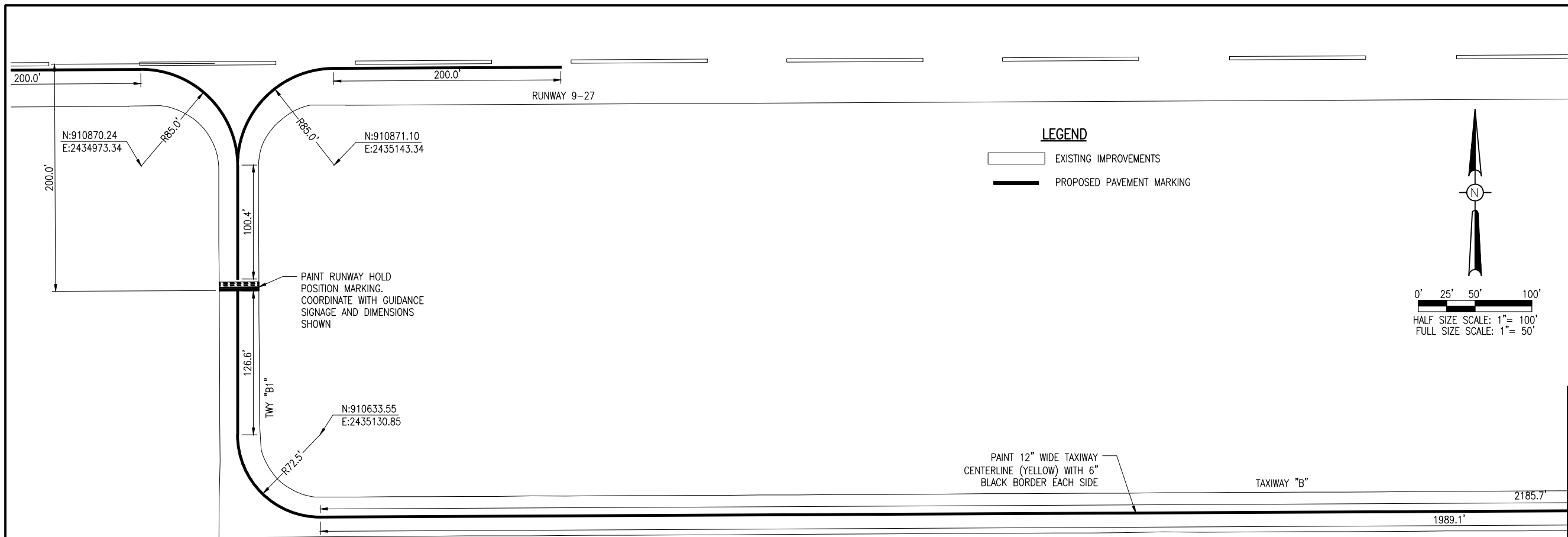
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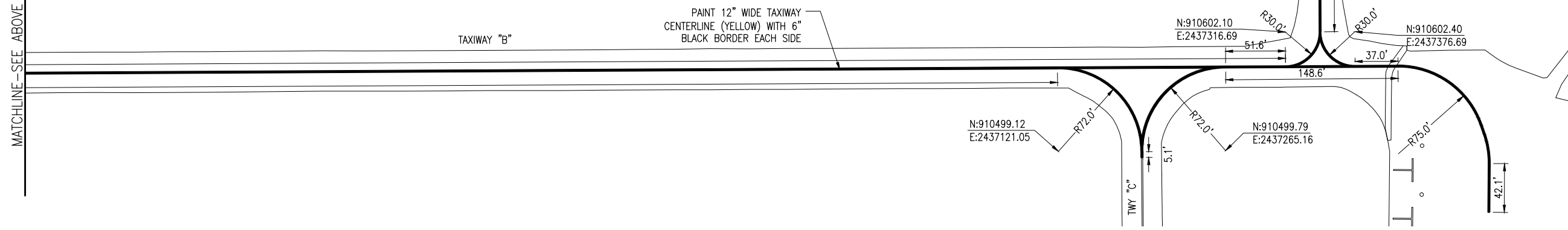
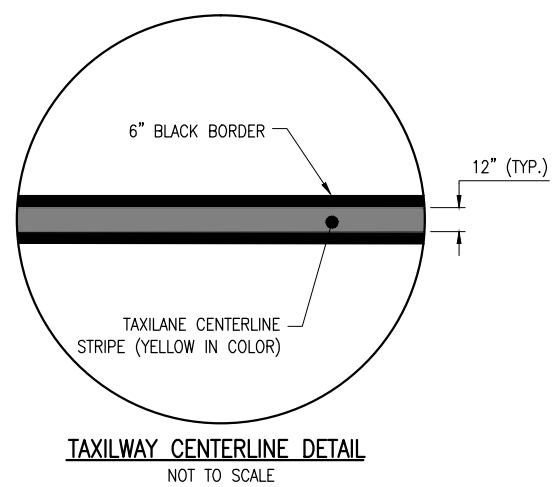
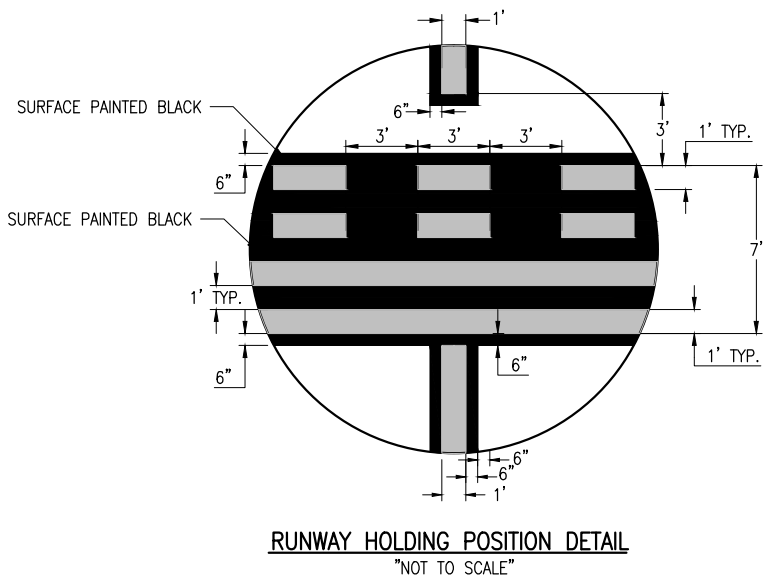
ISSUE: JUNE 15, 2016
PROJECT NO: 15A0116D
CAD FILE: C-181-SWPP.DWG
DESIGN BY: JRH 05/24/2016
DRAWN BY: JRH 05/24/2016
REVIEWED BY: RAW 06/15/2016

SHEET TITLE

TEMPORARY
EROSION CONTROL
PLAN DETAILS



MATCHLINE - SEE BELOW



MATCHLINE - SEE ABOVE

REHABILITATE TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

Contract No. LI037

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JUNE 15, 2016
PROJECT NO: 15A0116D
CAD FILE: C-151-MRK.DWG
DESIGN BY: JRH 04/12/2016
DRAWN BY: JRH 04/12/2016
REVIEWED BY: RAW 06/15/2016

SHEET TITLE

PROPOSED MARKING PLAN

REHABILITATE
TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

Contract No. LI037

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JUNE 15, 2016

PROJECT NO: 15A0116D

CAD FILE: V-FG-NEW.DWG

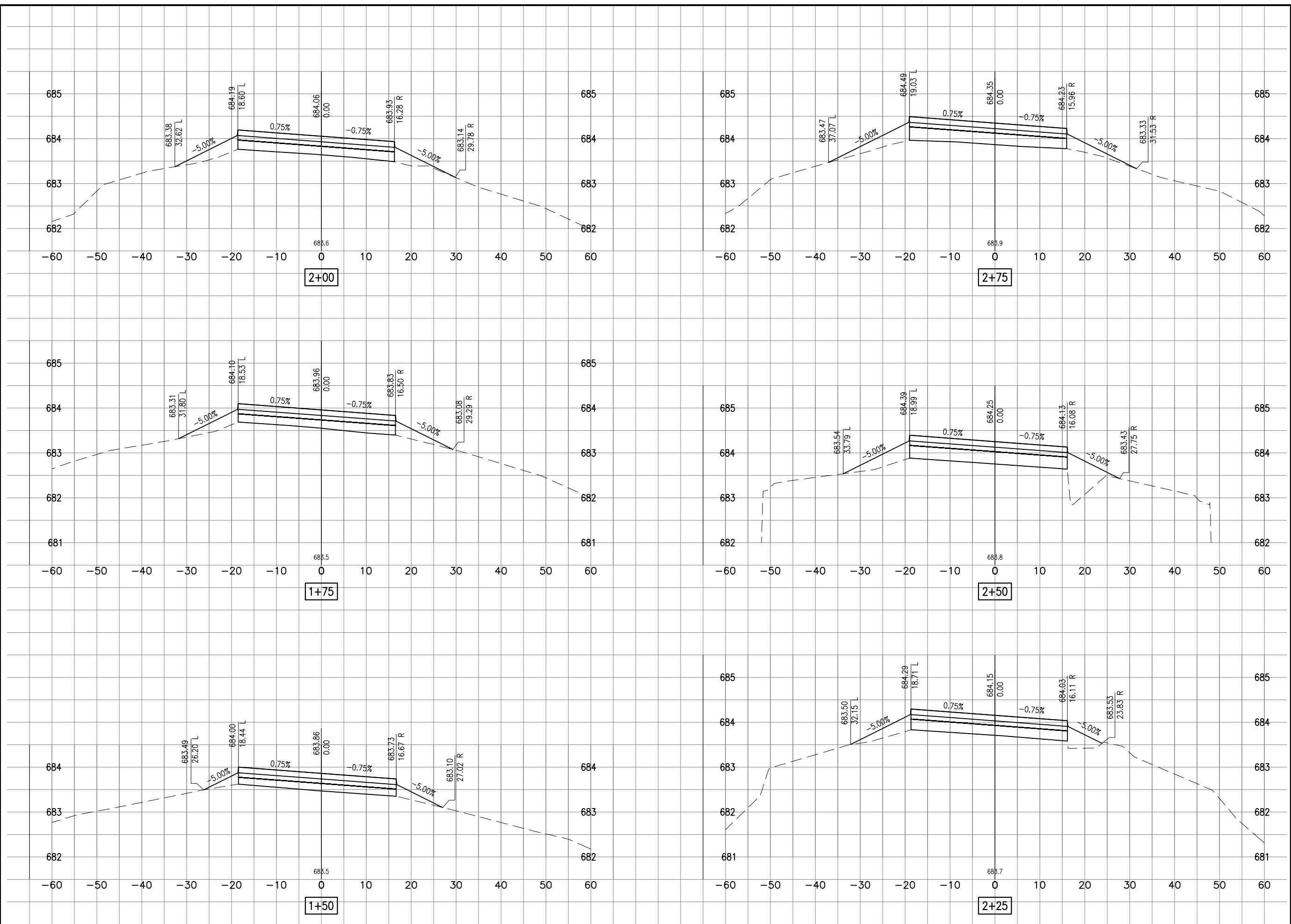
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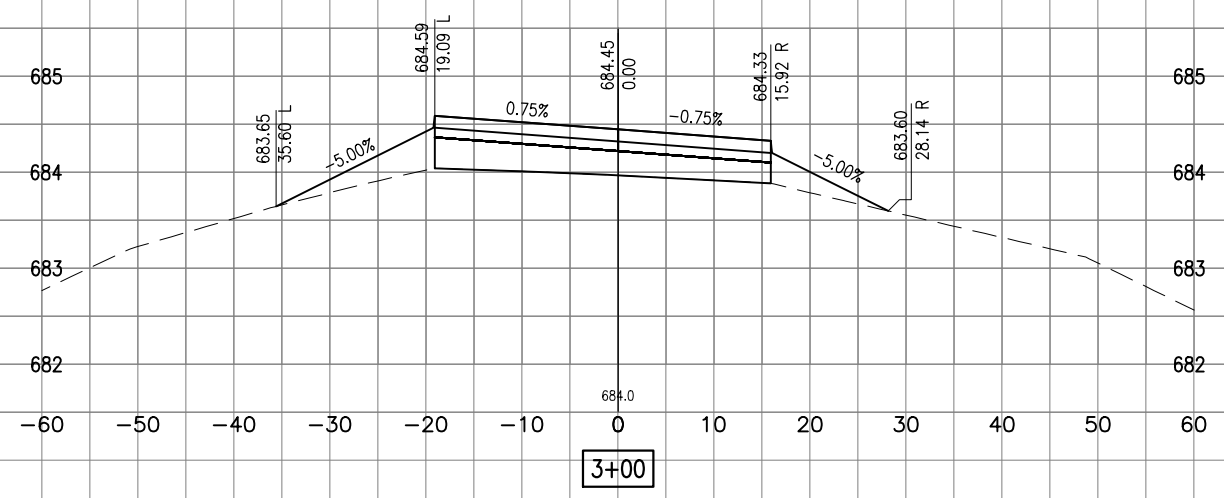
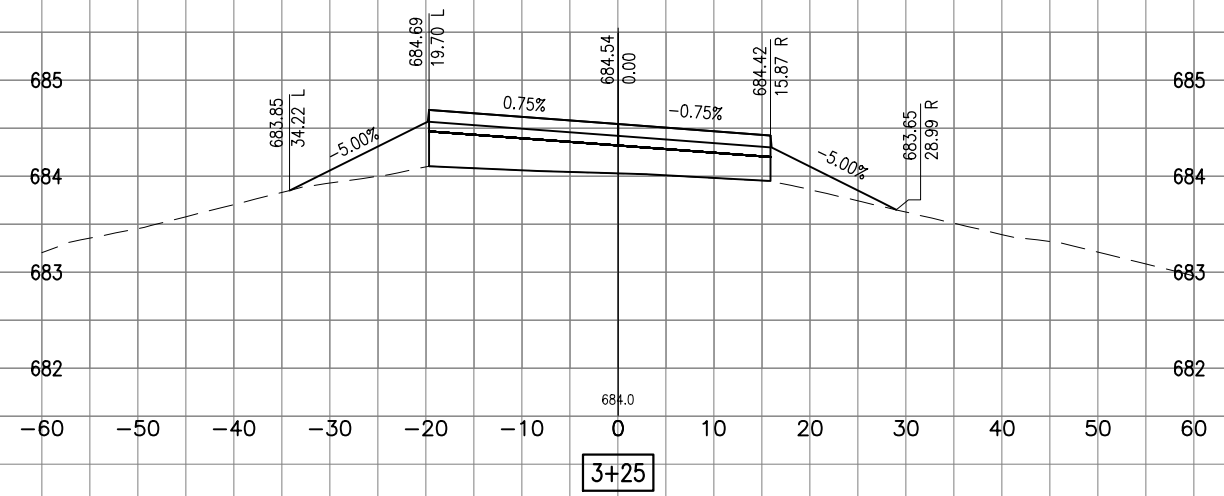
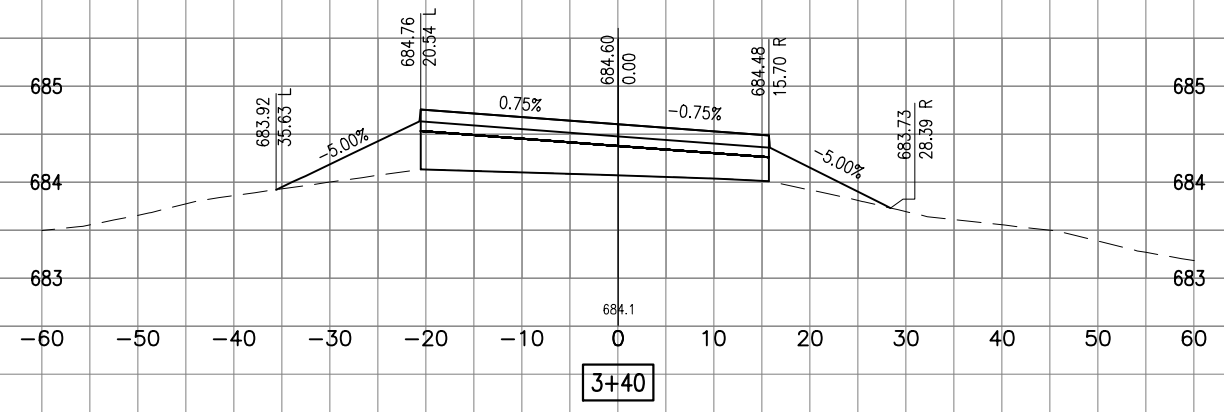
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SHEET TITLE

PROPOSED CROSS
SECTIONS - TWY B1
STA. 00+75 TO STA.
2+00



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REHABILITATE
TAXIWAY "B"

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SBG NO. 3-17-SBGP-TBD

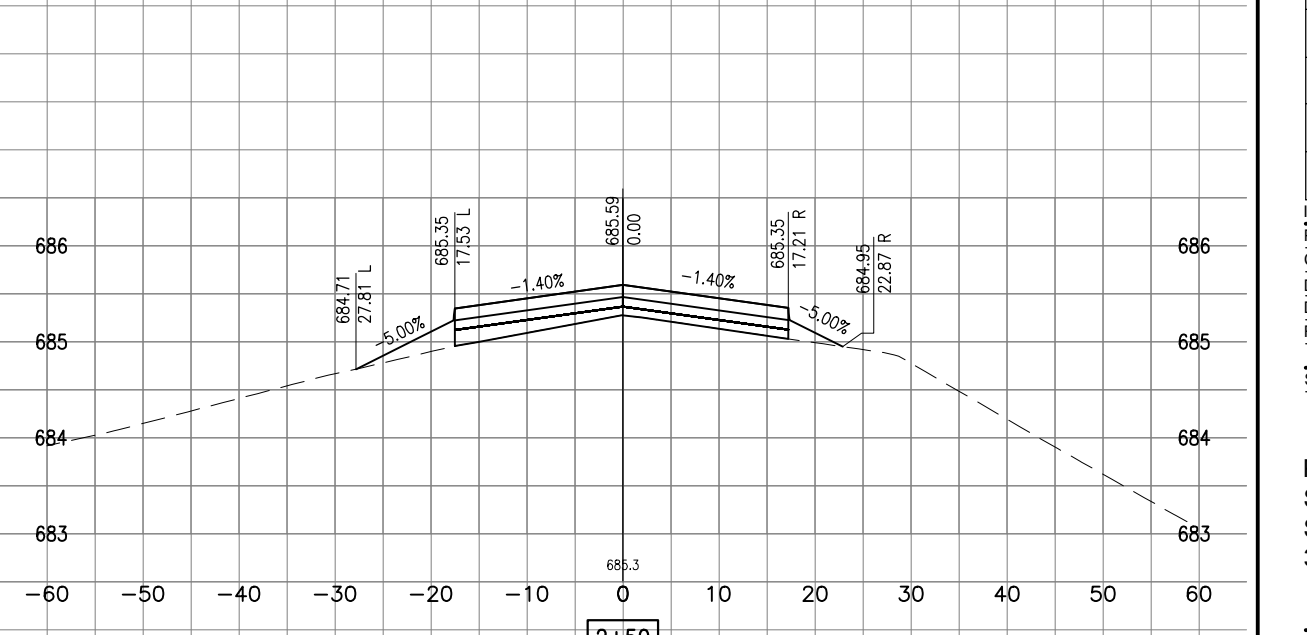
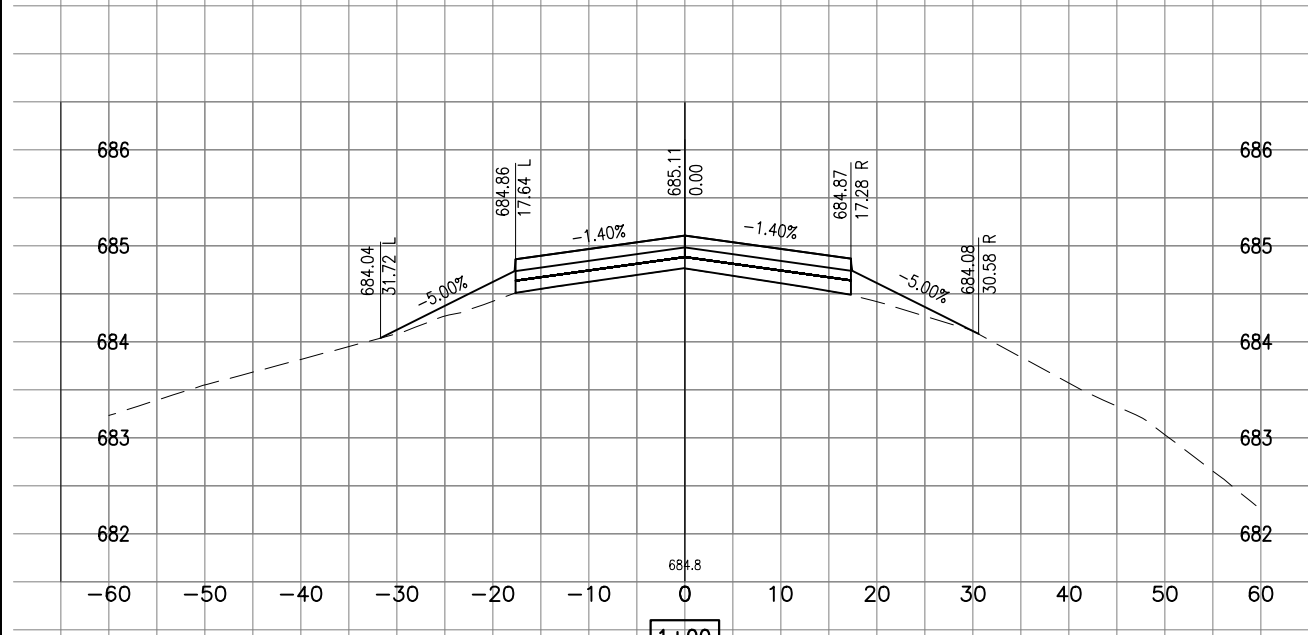
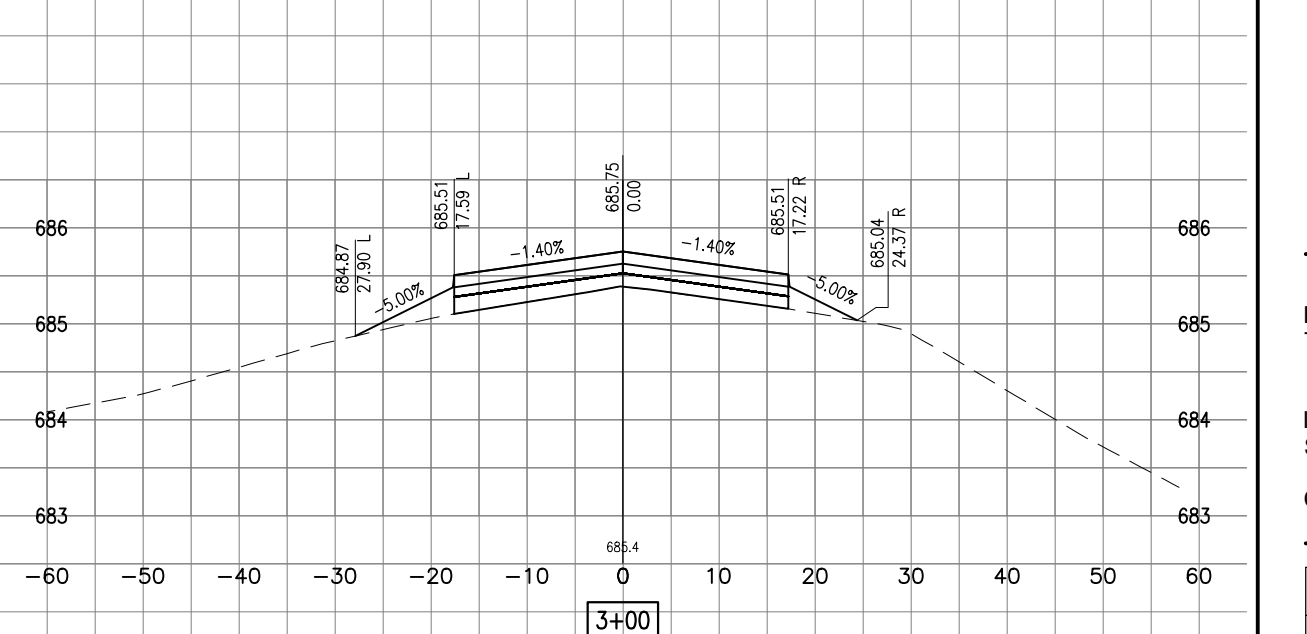
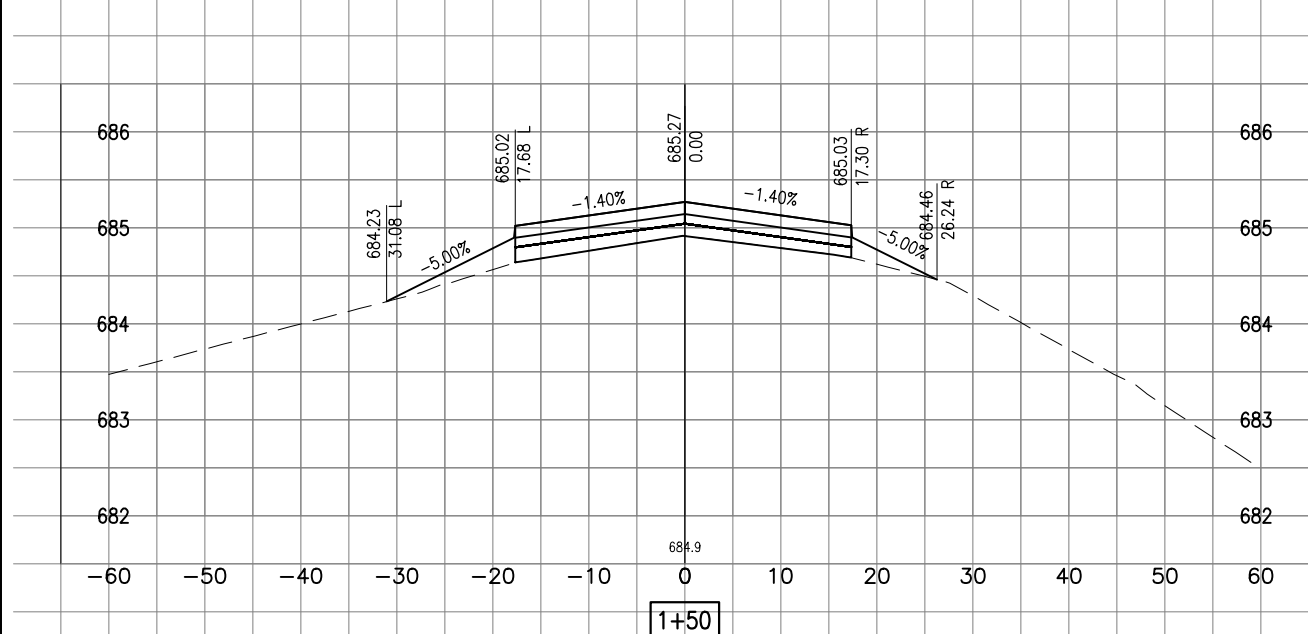
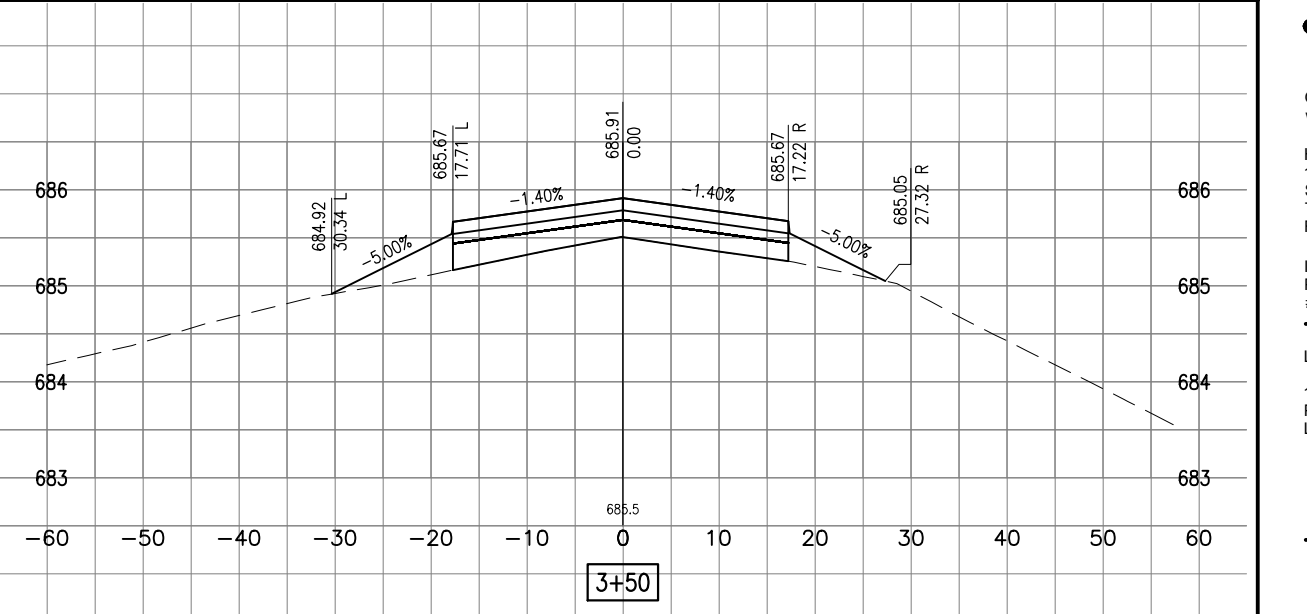
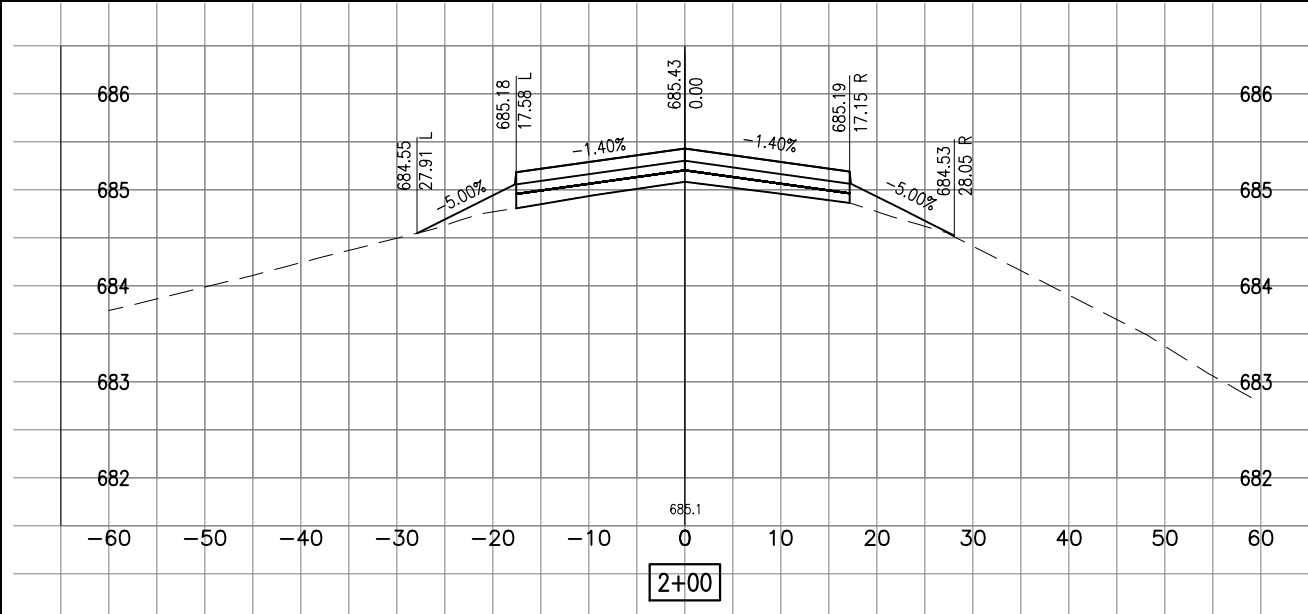
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PROJECT NO: 15A0116D
CAD FILE: V-FG-NEW.DWG
DESIGN BY: JRH 05/23/2016
DRAWN BY: JRH 05/23/2016
REVIEWED BY: RAW 06/15/2016

SHEET TITLE

PROPOSED CROSS
SECTIONS - TWY B1
STA. 02+25 TO STA.
3+40



REHABILITATE
TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

Contract No. LI037

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DESIGN BY: JRH 05/23/2016
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SHEET TITLE
**PROPOSED CROSS SECTIONS - TWY B
STA. 01+00 TO STA. 3+50**

REHABILITATE
TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

Contract No. LI037

NO.	DATE	DESCRIPTION		
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ISSUE: JUNE 15, 2016

PROJECT NO: 15A0116D

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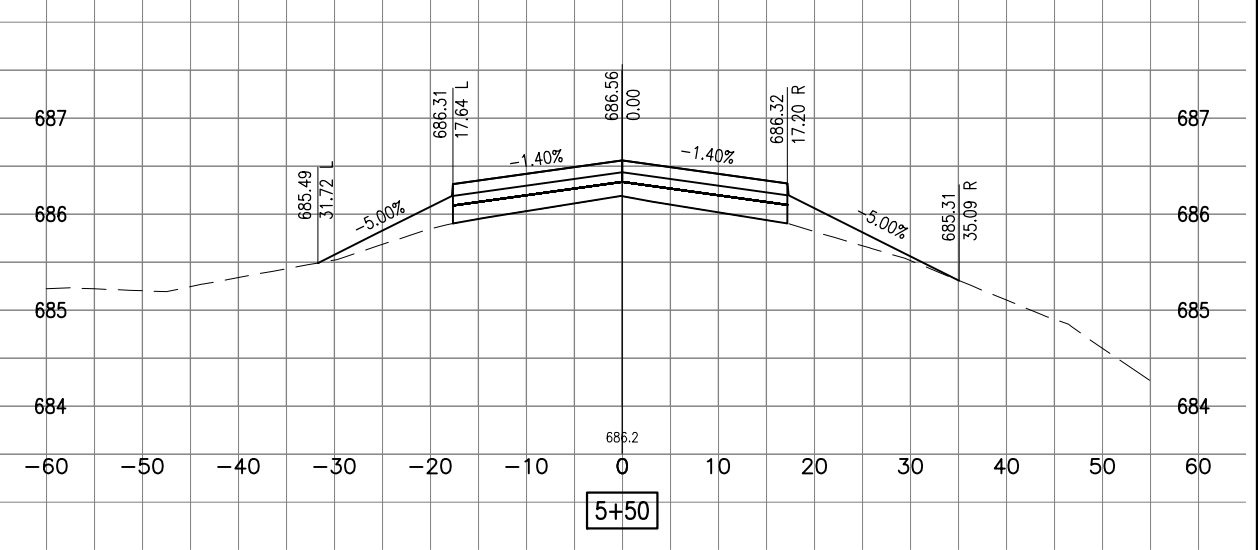
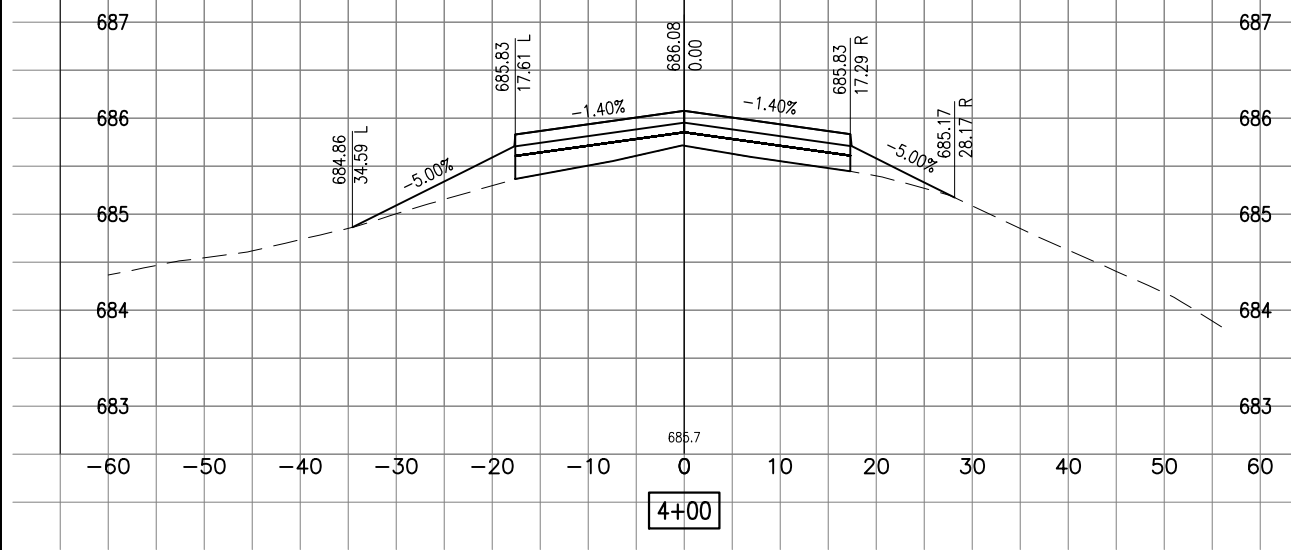
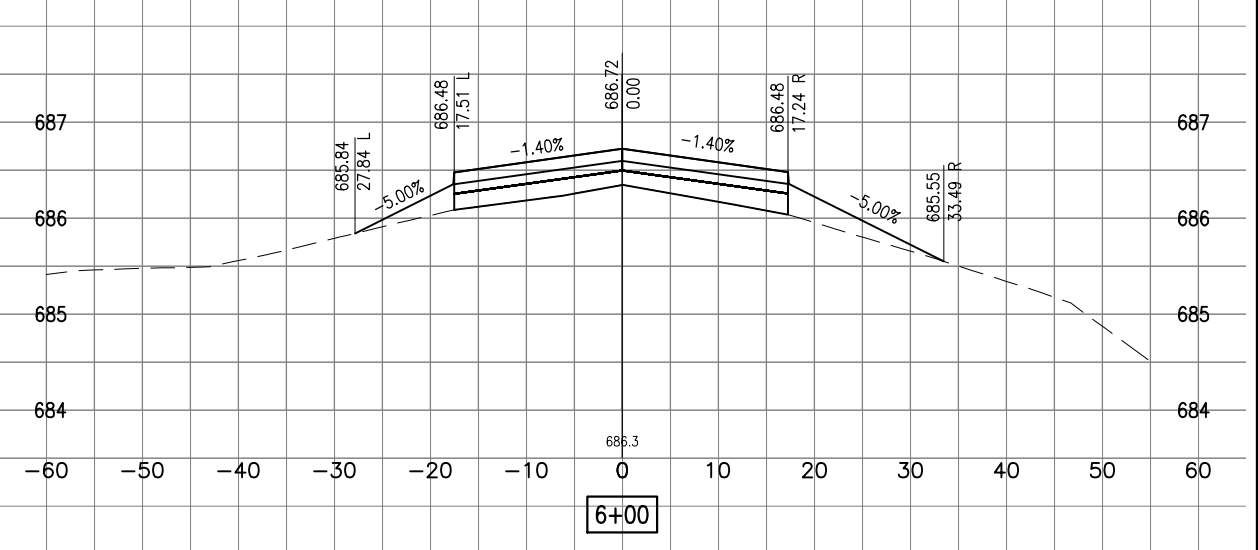
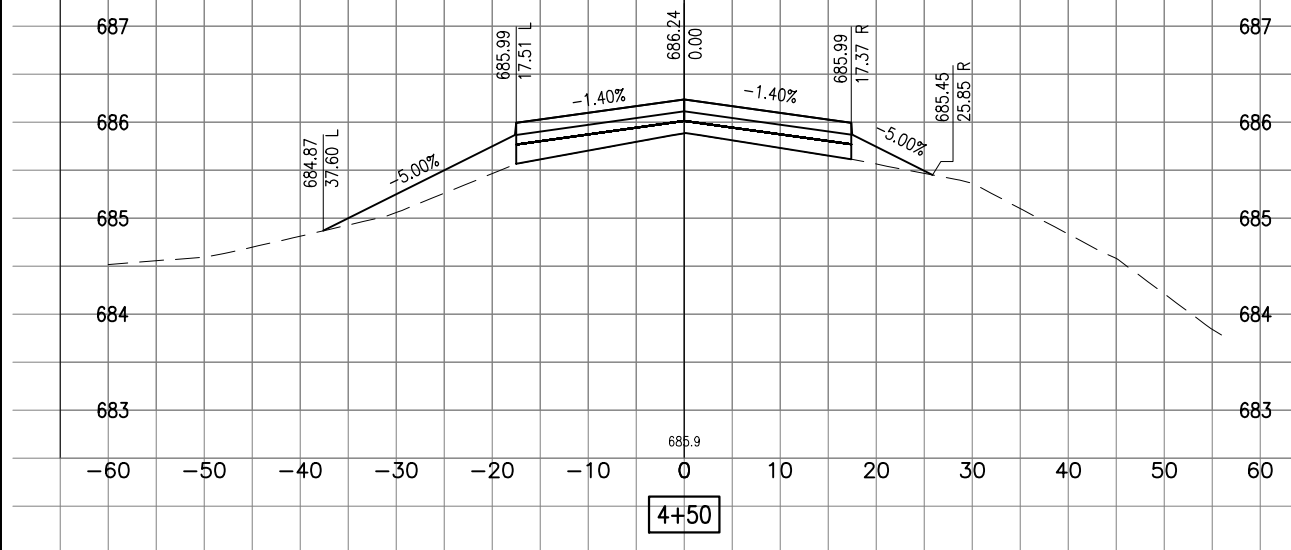
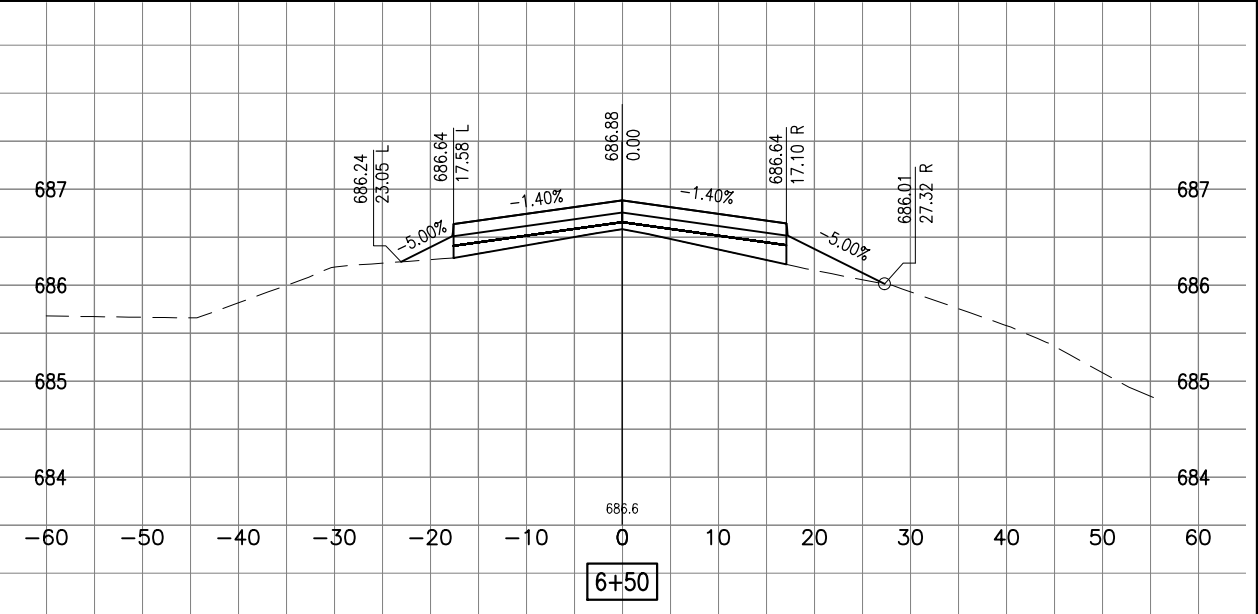
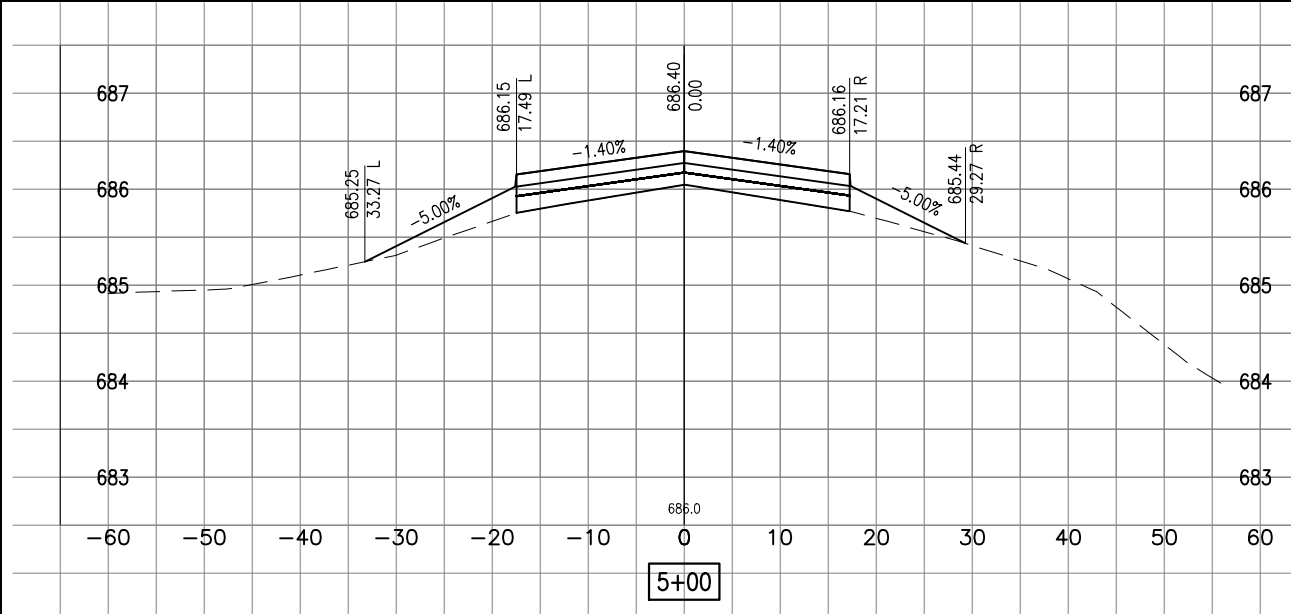
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DRAWN BY: JRH 05/23/2016

REVIEWED BY: RAW 06/15/2016

SHEET TITLE

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STA. 04+00 TO STA.
6+50



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REHABILITATE
TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

Contract No. LI037

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JUNE 15, 2016

PROJECT NO: 15A0116D

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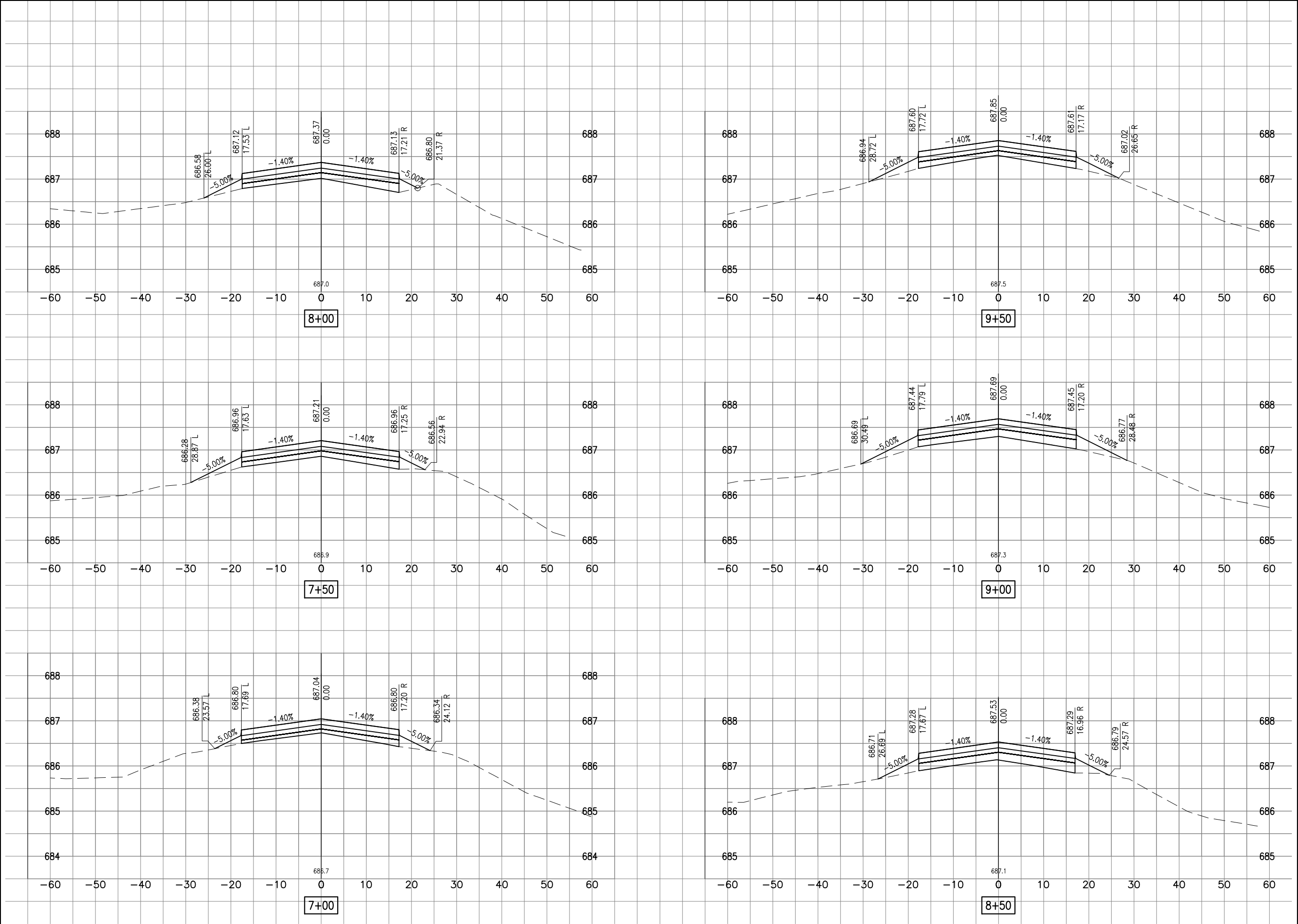
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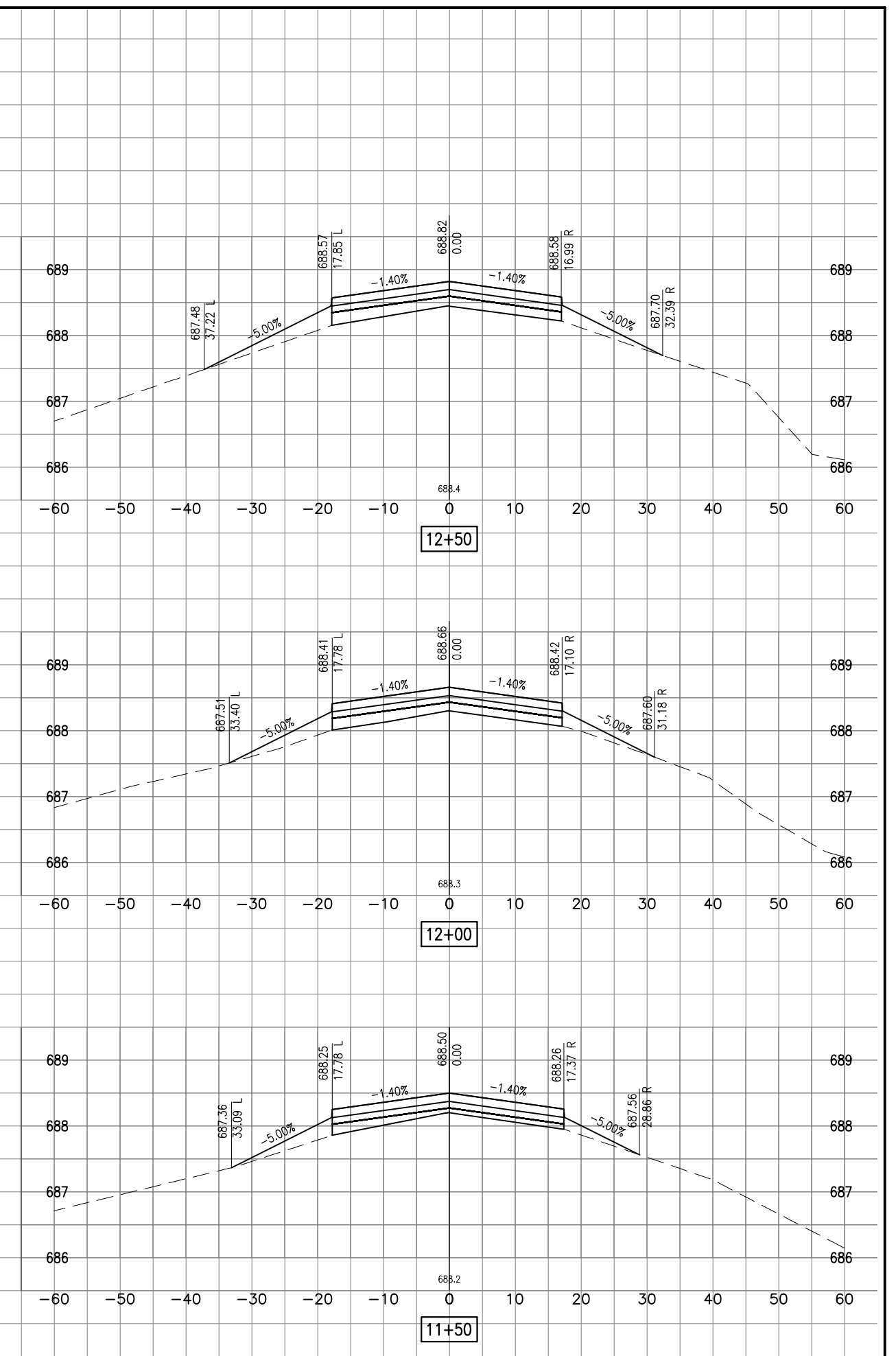
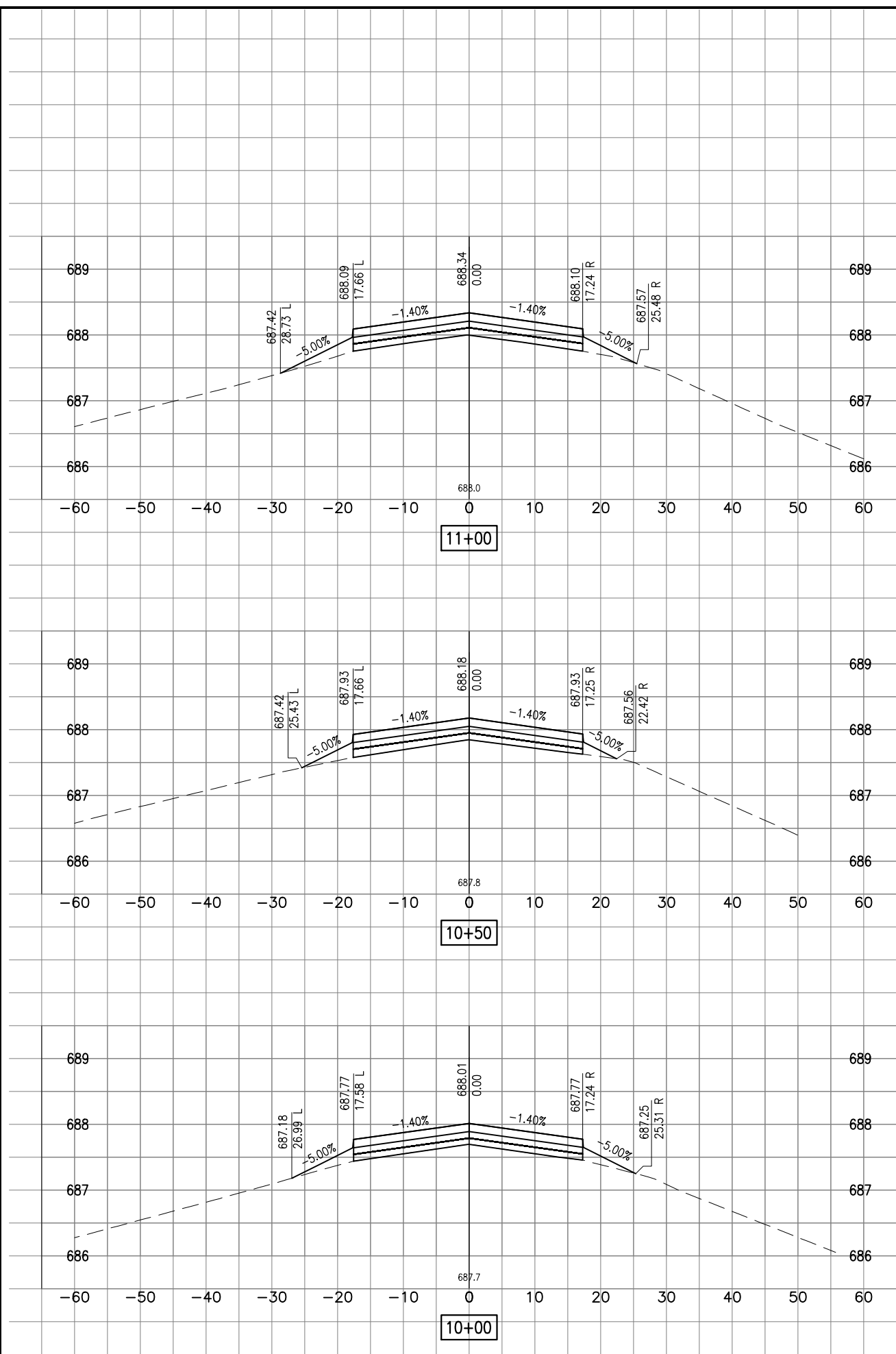
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SHEET TITLE

PROPOSED CROSS
SECTIONS - TWY B
STA. 07+00 TO STA.
9+50



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REHABILITATE
TAXIWAY "B"

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SBG NO. 3-17-SBGP-TBD

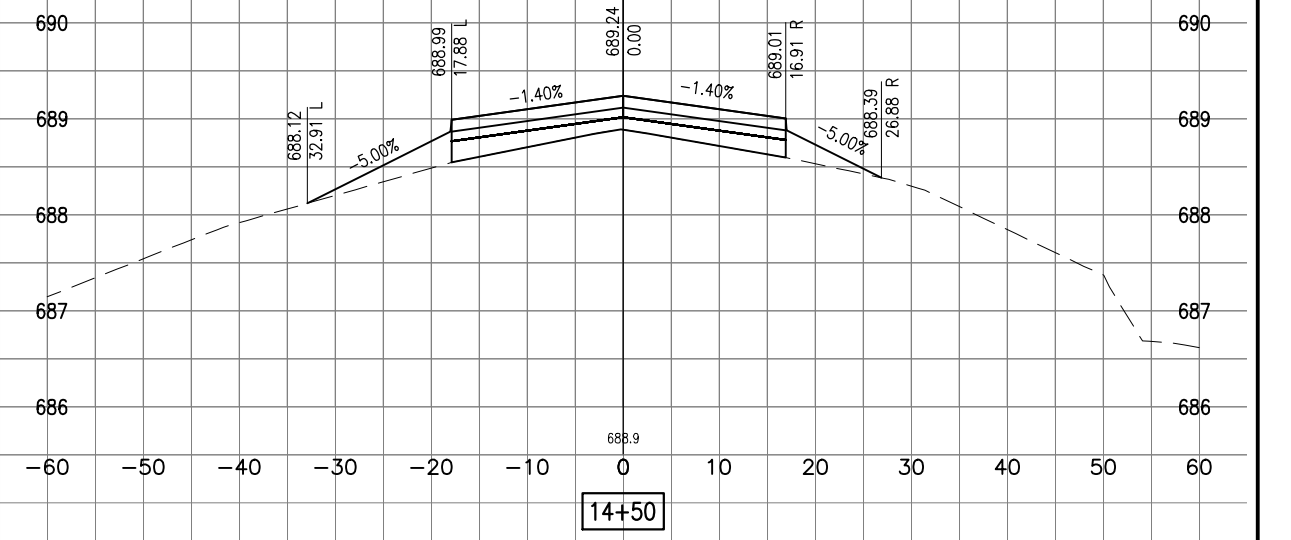
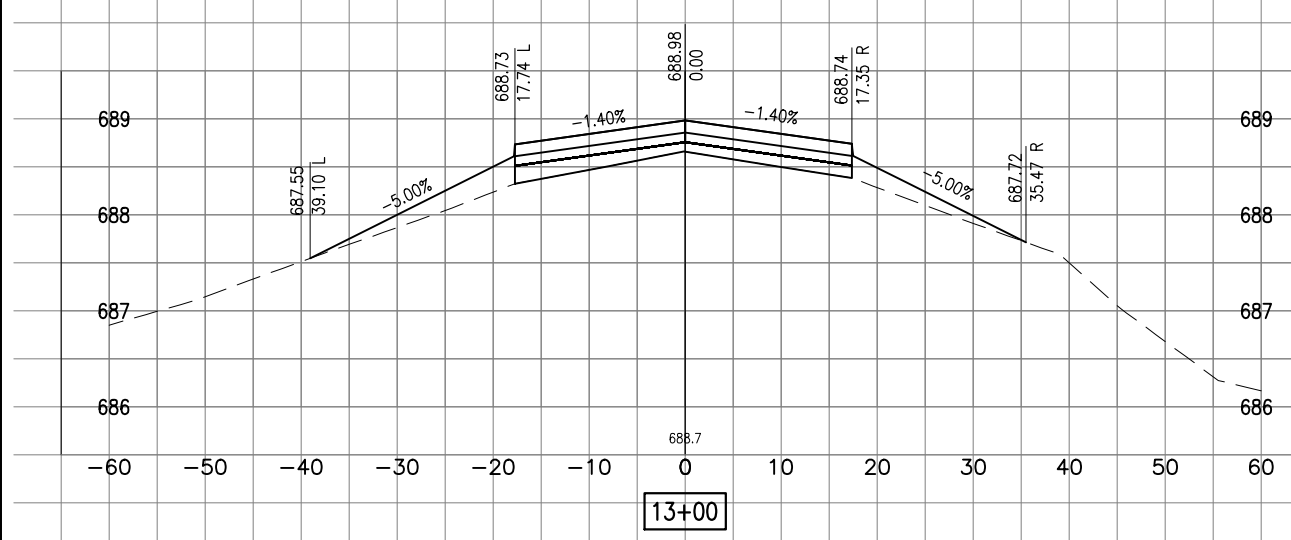
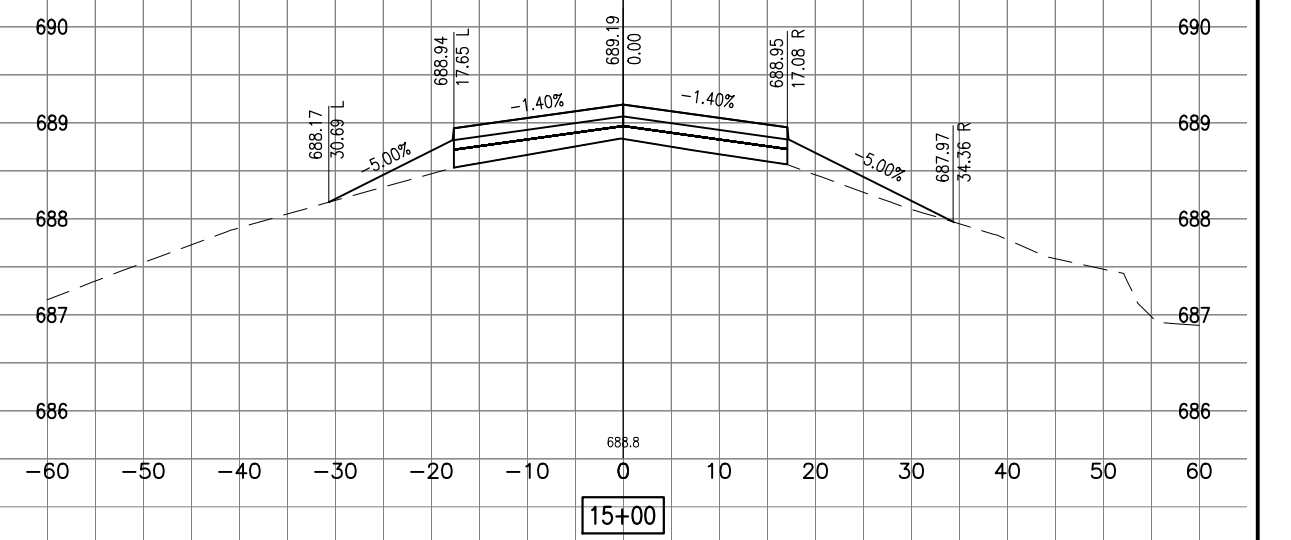
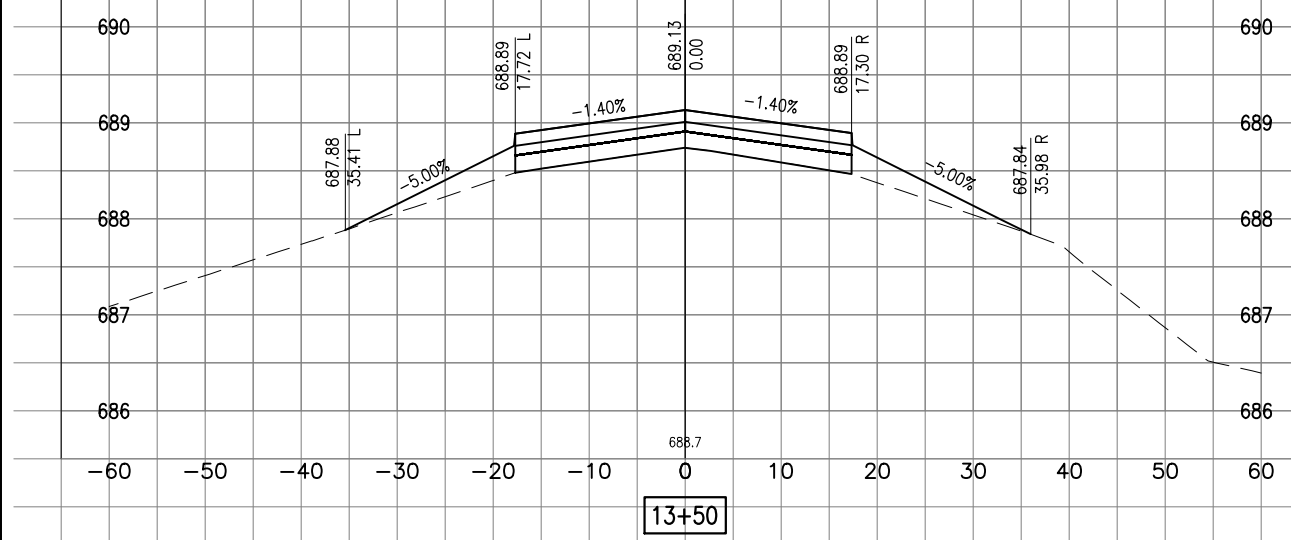
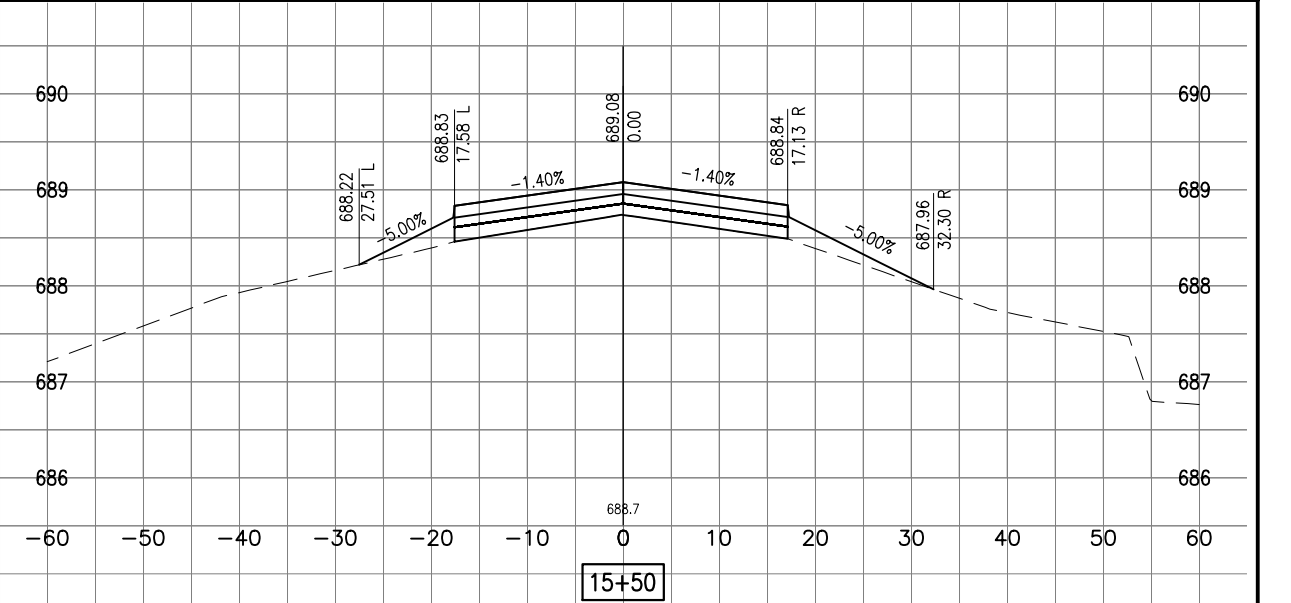
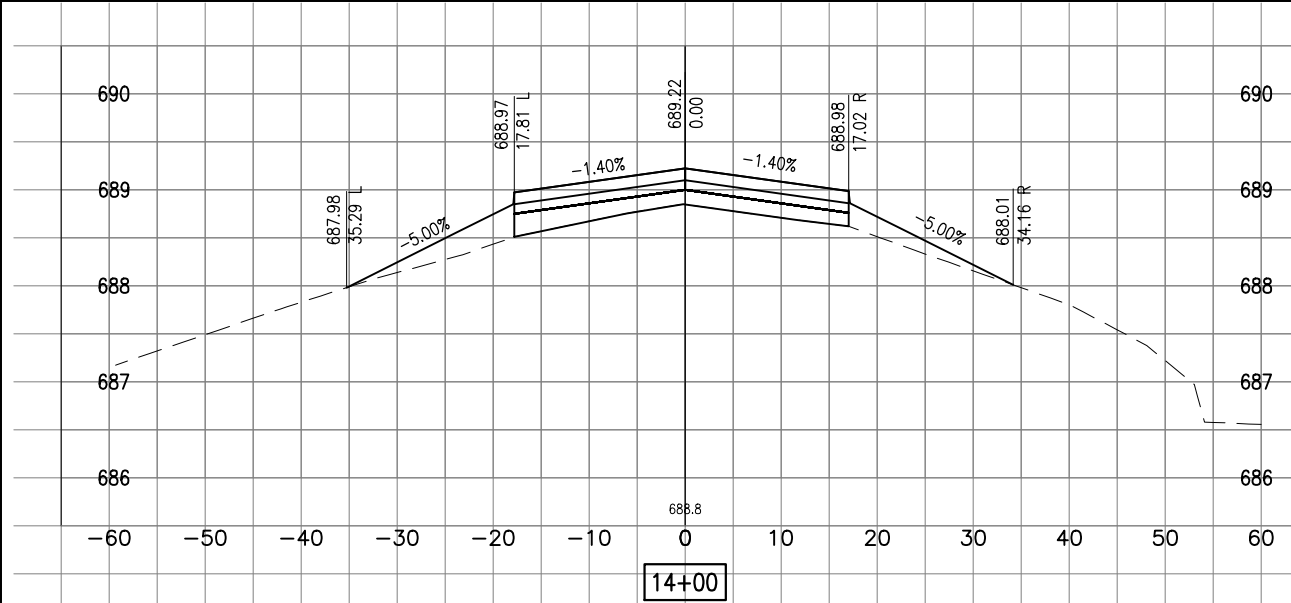
Contract No. LI037

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JUNE 15, 2016
PROJECT NO: 15A0116D
CAD FILE: V-FG-NEW.DWG
DESIGN BY: JRH 05/23/2016
DRAWN BY: JRH 05/23/2016
REVIEWED BY: RAW 06/15/2016

SHEET TITLE

PROPOSED CROSS
SECTIONS - TWY B
STA. 10+00 TO STA.
12+50



REHABILITATE
TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

Contract No. LI037

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: JUNE 15, 2016

PROJECT NO: 15A0116D

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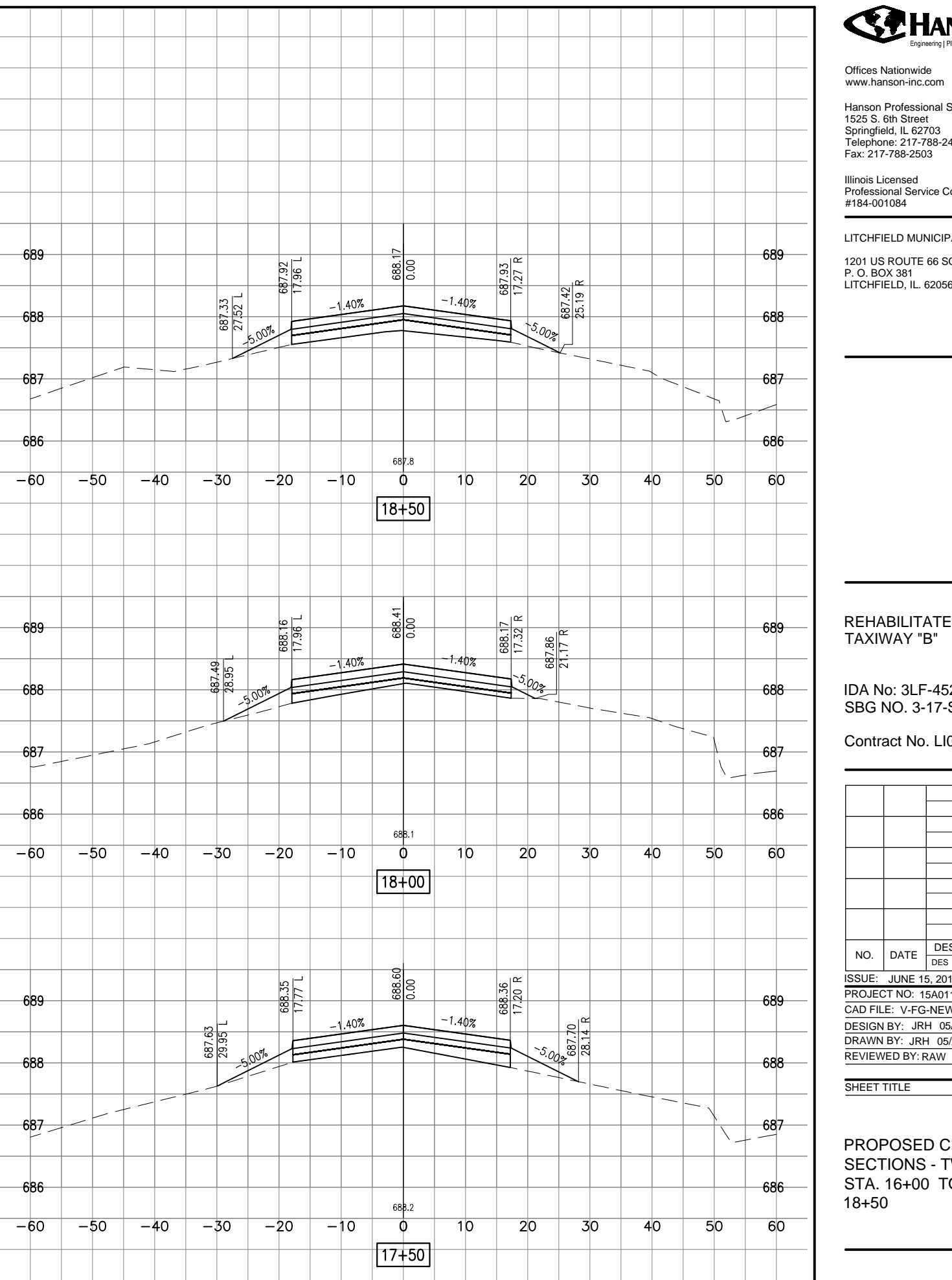
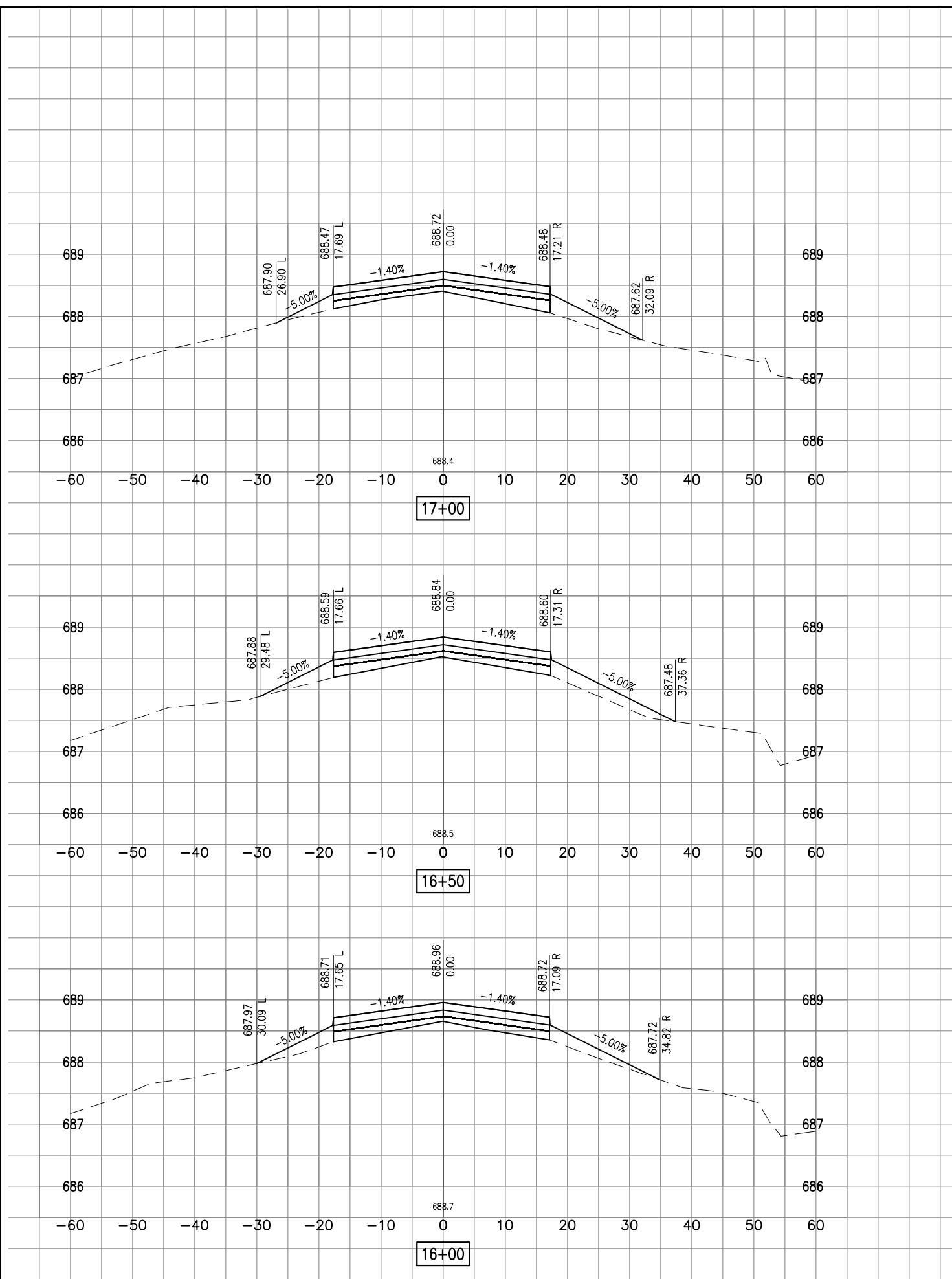
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DRAWN BY: JRH 05/23/2016

REVIEWED BY: RAW 06/15/2016

SHEET TITLE

PROPOSED CROSS
SECTIONS - TWY B
STA. 13+00 TO STA.
15+50



REHABILITATE
TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

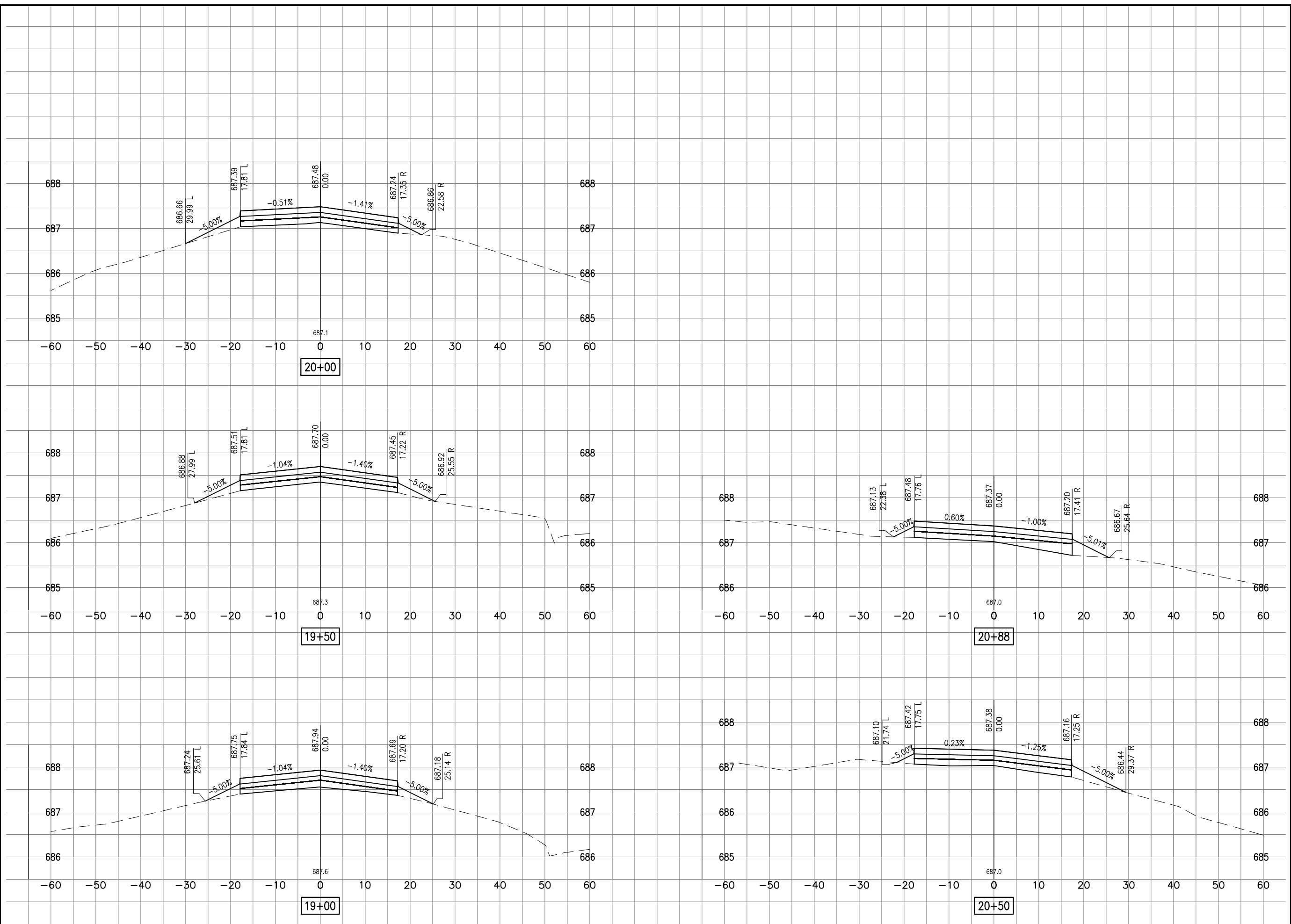
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NO.	DATE	DESCRIPTION		
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ISSUE: JUNE 15, 2016
PROJECT NO: 15A0116D
CAD FILE: V-FG-NEW.DWG
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DRAWN BY: JRH 05/23/2016
REVIEWED BY: RAW 06/15/2016

SHEET TITLE

PROPOSED CROSS
SECTIONS - TWY B
STA. 16+00 TO STA.
18+50



REHABILITATE
TAXIWAY "B"

IDA No: 3LF-4529
SBG NO. 3-17-SBGP-TBD

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DRAWN BY: JRH 05/23/2016
REVIEWED BY: RAW 06/15/2016

SHEET TITLE

PROPOSED CROSS
SECTIONS - TWY B
STA. 19+00 TO STA.
20+88